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Appendix B.39

NR Band n77(3450-3550)



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power	EIRP	LIMIT	verdict
N77-3450-3550	30	10	DFT-PI2BPSK	L	Inner_1RB_Left	26.24	29.57	30	pass
N77-3450-3550	30	10	DFT-PI2BPSK	L	Inner_1RB_Right	26.2	29.53	30	pass
N77-3450-3550	30	10	DFT-PI2BPSK	L	Outer_Full	25.79	29.12	30	pass
N77-3450-3550	30	10	DFT-QPSK	L	Inner_1RB_Left	26.24	29.57	30	pass
N77-3450-3550	30	10	DFT-QPSK	L	Inner_1RB_Right	26.16	29.49	30	pass
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	25.31	28.64	30	pass
N77-3450-3550	30	10	DFT-16QAM	L	Inner_1RB_Left	25.31	28.64	30	pass
N77-3450-3550	30	10	DFT-16QAM	L	Inner_1RB_Right	25.11	28.44	30	pass
N77-3450-3550	30	10	DFT-16QAM	L	Outer_Full	24.29	27.62	30	pass
N77-3450-3550	30	10	DFT-64QAM	L	Inner_1RB_Left	23.69	27.02	30	pass
N77-3450-3550	30	10	DFT-64QAM	L	Inner_1RB_Right	23.72	27.05	30	pass
N77-3450-3550	30	10	DFT-64QAM	L	Outer_Full	23.79	27.12	30	pass
N77-3450-3550	30	10	DFT-256QAM	L	Inner_1RB_Left	21.8	25.13	30	pass
N77-3450-3550	30	10	DFT-256QAM	L	Inner_1RB_Right	21.62	24.95	30	pass
N77-3450-3550	30	10	DFT-256QAM	L	Outer_Full	21.78	25.11	30	pass
N77-3450-3550	30	10	DFT-PI2BPSK	M	Inner_1RB_Left	26.28	29.61	30	pass
N77-3450-3550	30	10	DFT-PI2BPSK	M	Inner_1RB_Right	26.63	29.96	30	pass
N77-3450-3550	30	10	DFT-PI2BPSK	M	Outer_Full	26.32	29.65	30	pass
N77-3450-3550	30	10	DFT-QPSK	M	Inner_1RB_Left	26.26	29.59	30	pass
N77-3450-3550	30	10	DFT-QPSK	M	Inner_1RB_Right	26.21	29.54	30	pass
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	25.3	28.63	30	pass
N77-3450-3550	30	10	DFT-16QAM	M	Inner_1RB_Left	25.19	28.52	30	pass
N77-3450-3550	30	10	DFT-16QAM	M	Inner_1RB_Right	25.1	28.43	30	pass
N77-3450-3550	30	10	DFT-16QAM	M	Outer_Full	24.28	27.61	30	pass
N77-3450-3550	30	10	DFT-64QAM	M	Inner_1RB_Left	23.7	27.03	30	pass
N77-3450-3550	30	10	DFT-64QAM	M	Inner_1RB_Right	23.67	27	30	pass
N77-3450-3550	30	10	DFT-64QAM	M	Outer_Full	23.78	27.11	30	pass
N77-3450-3550	30	10	DFT-256QAM	M	Inner_1RB_Left	21.85	25.18	30	pass
N77-3450-3550	30	10	DFT-256QAM	M	Inner_1RB_Right	21.66	24.99	30	pass



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N77-3450-3550	30	10	DFT-256QAM	M	Outer_Full	21.76	25.09	30	pass
N77-3450-3550	30	10	DFT-PI2BPSK	H	Inner_1RB_Left	25.99	29.32	30	pass
N77-3450-3550	30	10	DFT-PI2BPSK	H	Inner_1RB_Right	26.04	29.37	30	pass
N77-3450-3550	30	10	DFT-PI2BPSK	H	Outer_Full	25.57	28.9	30	pass
N77-3450-3550	30	10	DFT-QPSK	H	Inner_1RB_Left	25.98	29.31	30	pass
N77-3450-3550	30	10	DFT-QPSK	H	Inner_1RB_Right	26.02	29.35	30	pass
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	25.07	28.4	30	pass
N77-3450-3550	30	10	DFT-16QAM	H	Inner_1RB_Left	25.06	28.39	30	pass
N77-3450-3550	30	10	DFT-16QAM	H	Inner_1RB_Right	25.04	28.37	30	pass
N77-3450-3550	30	10	DFT-16QAM	H	Outer_Full	24.05	27.38	30	pass
N77-3450-3550	30	10	DFT-64QAM	H	Inner_1RB_Left	23.54	26.87	30	pass
N77-3450-3550	30	10	DFT-64QAM	H	Inner_1RB_Right	23.53	26.86	30	pass
N77-3450-3550	30	10	DFT-64QAM	H	Outer_Full	23.54	26.87	30	pass
N77-3450-3550	30	10	DFT-256QAM	H	Inner_1RB_Left	21.48	24.81	30	pass
N77-3450-3550	30	10	DFT-256QAM	H	Inner_1RB_Right	21.69	25.02	30	pass
N77-3450-3550	30	10	DFT-256QAM	H	Outer_Full	21.64	24.97	30	pass
N77-3450-3550	30	15	DFT-PI2BPSK	L	Inner_1RB_Left	26.53	29.86	30	pass
N77-3450-3550	30	15	DFT-PI2BPSK	L	Inner_1RB_Right	26.39	29.72	30	pass
N77-3450-3550	30	15	DFT-PI2BPSK	L	Outer_Full	26.01	29.34	30	pass
N77-3450-3550	30	15	DFT-QPSK	L	Inner_1RB_Left	25.98	29.31	30	pass
N77-3450-3550	30	15	DFT-QPSK	L	Inner_1RB_Right	26.37	29.7	30	pass
N77-3450-3550	30	15	DFT-QPSK	L	Outer_Full	25.48	28.81	30	pass
N77-3450-3550	30	15	DFT-16QAM	L	Inner_1RB_Left	25.57	28.9	30	pass
N77-3450-3550	30	15	DFT-16QAM	L	Inner_1RB_Right	25.4	28.73	30	pass
N77-3450-3550	30	15	DFT-16QAM	L	Outer_Full	24.46	27.79	30	pass
N77-3450-3550	30	15	DFT-64QAM	L	Inner_1RB_Left	23.96	27.29	30	pass
N77-3450-3550	30	15	DFT-64QAM	L	Inner_1RB_Right	23.9	27.23	30	pass
N77-3450-3550	30	15	DFT-64QAM	L	Outer_Full	23.99	27.32	30	pass
N77-3450-3550	30	15	DFT-256QAM	L	Inner_1RB_Left	22.03	25.36	30	pass
N77-3450-3550	30	15	DFT-256QAM	L	Inner_1RB_Right	21.93	25.26	30	pass
N77-3450-3550	30	15	DFT-256QAM	L	Outer_Full	21.97	25.3	30	pass
N77-3450-3550	30	15	DFT-PI2BPSK	M	Inner_1RB_Left	26.44	29.77	30	pass
N77-3450-3550	30	15	DFT-PI2BPSK	M	Inner_1RB_Right	26.34	29.67	30	pass
N77-3450-3550	30	15	DFT-PI2BPSK	M	Outer_Full	25.9	29.23	30	pass



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N77-3450-3550	30	15	DFT-QPSK	M	Inner_1RB_Left	26.41	29.74	30	pass
N77-3450-3550	30	15	DFT-QPSK	M	Inner_1RB_Right	26.3	29.63	30	pass
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	25.39	28.72	30	pass
N77-3450-3550	30	15	DFT-16QAM	M	Inner_1RB_Left	25.4	28.73	30	pass
N77-3450-3550	30	15	DFT-16QAM	M	Inner_1RB_Right	25.28	28.61	30	pass
N77-3450-3550	30	15	DFT-16QAM	M	Outer_Full	24.38	27.71	30	pass
N77-3450-3550	30	15	DFT-64QAM	M	Inner_1RB_Left	24.08	27.41	30	pass
N77-3450-3550	30	15	DFT-64QAM	M	Inner_1RB_Right	23.81	27.14	30	pass
N77-3450-3550	30	15	DFT-64QAM	M	Outer_Full	23.88	27.21	30	pass
N77-3450-3550	30	15	DFT-256QAM	M	Inner_1RB_Left	22.02	25.35	30	pass
N77-3450-3550	30	15	DFT-256QAM	M	Inner_1RB_Right	21.83	25.16	30	pass
N77-3450-3550	30	15	DFT-256QAM	M	Outer_Full	21.93	25.26	30	pass
N77-3450-3550	30	15	DFT-PI2BPSK	H	Inner_1RB_Left	26.18	29.51	30	pass
N77-3450-3550	30	15	DFT-PI2BPSK	H	Inner_1RB_Right	26.21	29.54	30	pass
N77-3450-3550	30	15	DFT-PI2BPSK	H	Outer_Full	25.69	29.02	30	pass
N77-3450-3550	30	15	DFT-QPSK	H	Inner_1RB_Left	25.88	29.21	30	pass
N77-3450-3550	30	15	DFT-QPSK	H	Inner_1RB_Right	26.16	29.49	30	pass
N77-3450-3550	30	15	DFT-QPSK	H	Outer_Full	25.14	28.47	30	pass
N77-3450-3550	30	15	DFT-16QAM	H	Inner_1RB_Left	25.12	28.45	30	pass
N77-3450-3550	30	15	DFT-16QAM	H	Inner_1RB_Right	25.19	28.52	30	pass
N77-3450-3550	30	15	DFT-16QAM	H	Outer_Full	24.15	27.48	30	pass
N77-3450-3550	30	15	DFT-64QAM	H	Inner_1RB_Left	23.65	26.98	30	pass
N77-3450-3550	30	15	DFT-64QAM	H	Inner_1RB_Right	23.64	26.97	30	pass
N77-3450-3550	30	15	DFT-64QAM	H	Outer_Full	23.65	26.98	30	pass
N77-3450-3550	30	15	DFT-256QAM	H	Inner_1RB_Left	21.69	25.02	30	pass
N77-3450-3550	30	15	DFT-256QAM	H	Inner_1RB_Right	21.64	24.97	30	pass
N77-3450-3550	30	15	DFT-256QAM	H	Outer_Full	21.68	25.01	30	pass
N77-3450-3550	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	26.56	29.89	30	pass
N77-3450-3550	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	26.4	29.73	30	pass
N77-3450-3550	30	20	DFT-PI2BPSK	L	Outer_Full	26.04	29.37	30	pass
N77-3450-3550	30	20	DFT-QPSK	L	Inner_1RB_Left	26.55	29.88	30	pass
N77-3450-3550	30	20	DFT-QPSK	L	Inner_1RB_Right	26.38	29.71	30	pass
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	25.49	28.82	30	pass
N77-3450-3550	30	20	DFT-16QAM	L	Inner_1RB_Left	25.49	28.82	30	pass



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N77-3450-3550	30	20	DFT-16QAM	L	Inner_1RB_Right	25.32	28.65	30	pass
N77-3450-3550	30	20	DFT-16QAM	L	Outer_Full	24.5	27.83	30	pass
N77-3450-3550	30	20	DFT-64QAM	L	Inner_1RB_Left	23.97	27.3	30	pass
N77-3450-3550	30	20	DFT-64QAM	L	Inner_1RB_Right	23.78	27.11	30	pass
N77-3450-3550	30	20	DFT-64QAM	L	Outer_Full	24	27.33	30	pass
N77-3450-3550	30	20	DFT-256QAM	L	Inner_1RB_Left	22.16	25.49	30	pass
N77-3450-3550	30	20	DFT-256QAM	L	Inner_1RB_Right	21.77	25.1	30	pass
N77-3450-3550	30	20	DFT-256QAM	L	Outer_Full	21.97	25.3	30	pass
N77-3450-3550	30	20	DFT-PI2BPSK	M	Inner_1RB_Left	26.45	29.78	30	pass
N77-3450-3550	30	20	DFT-PI2BPSK	M	Inner_1RB_Right	26.33	29.66	30	pass
N77-3450-3550	30	20	DFT-PI2BPSK	M	Outer_Full	25.93	29.26	30	pass
N77-3450-3550	30	20	DFT-QPSK	M	Inner_1RB_Left	26.48	29.81	30	pass
N77-3450-3550	30	20	DFT-QPSK	M	Inner_1RB_Right	26.27	29.6	30	pass
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	25.4	28.73	30	pass
N77-3450-3550	30	20	DFT-16QAM	M	Inner_1RB_Left	25.42	28.75	30	pass
N77-3450-3550	30	20	DFT-16QAM	M	Inner_1RB_Right	25.29	28.62	30	pass
N77-3450-3550	30	20	DFT-16QAM	M	Outer_Full	24.41	27.74	30	pass
N77-3450-3550	30	20	DFT-64QAM	M	Inner_1RB_Left	23.99	27.32	30	pass
N77-3450-3550	30	20	DFT-64QAM	M	Inner_1RB_Right	23.78	27.11	30	pass
N77-3450-3550	30	20	DFT-64QAM	M	Outer_Full	23.93	27.26	30	pass
N77-3450-3550	30	20	DFT-256QAM	M	Inner_1RB_Left	21.8	25.13	30	pass
N77-3450-3550	30	20	DFT-256QAM	M	Inner_1RB_Right	21.84	25.17	30	pass
N77-3450-3550	30	20	DFT-256QAM	M	Outer_Full	21.9	25.23	30	pass
N77-3450-3550	30	20	DFT-PI2BPSK	H	Inner_1RB_Left	26.08	29.41	30	pass
N77-3450-3550	30	20	DFT-PI2BPSK	H	Inner_1RB_Right	26.36	29.69	30	pass
N77-3450-3550	30	20	DFT-PI2BPSK	H	Outer_Full	25.59	28.92	30	pass
N77-3450-3550	30	20	DFT-QPSK	H	Inner_1RB_Left	26.12	29.45	30	pass
N77-3450-3550	30	20	DFT-QPSK	H	Inner_1RB_Right	26.09	29.42	30	pass
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	25.08	28.41	30	pass
N77-3450-3550	30	20	DFT-16QAM	H	Inner_1RB_Left	25.11	28.44	30	pass
N77-3450-3550	30	20	DFT-16QAM	H	Inner_1RB_Right	25.03	28.36	30	pass
N77-3450-3550	30	20	DFT-16QAM	H	Outer_Full	24.11	27.44	30	pass
N77-3450-3550	30	20	DFT-64QAM	H	Inner_1RB_Left	23.63	26.96	30	pass
N77-3450-3550	30	20	DFT-64QAM	H	Inner_1RB_Right	23.51	26.84	30	pass



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N77-3450-3550	30	20	DFT-64QAM	H	Outer_Full	23.62	26.95	30	pass
N77-3450-3550	30	20	DFT-256QAM	H	Inner_1RB_Left	21.52	24.85	30	pass
N77-3450-3550	30	20	DFT-256QAM	H	Inner_1RB_Right	21.54	24.87	30	pass
N77-3450-3550	30	20	DFT-256QAM	H	Outer_Full	21.57	24.9	30	pass
N77-3450-3550	30	30	DFT-PI2BPSK	L	Inner_1RB_Left	26.6	29.93	30	pass
N77-3450-3550	30	30	DFT-PI2BPSK	L	Inner_1RB_Right	26.35	29.68	30	pass
N77-3450-3550	30	30	DFT-PI2BPSK	L	Outer_Full	25.92	29.25	30	pass
N77-3450-3550	30	30	DFT-QPSK	L	Inner_1RB_Left	26.61	29.94	30	pass
N77-3450-3550	30	30	DFT-QPSK	L	Inner_1RB_Right	26.4	29.73	30	pass
N77-3450-3550	30	30	DFT-QPSK	L	Outer_Full	25.48	28.81	30	pass
N77-3450-3550	30	30	DFT-16QAM	L	Inner_1RB_Left	25.58	28.91	30	pass
N77-3450-3550	30	30	DFT-16QAM	L	Inner_1RB_Right	25.32	28.65	30	pass
N77-3450-3550	30	30	DFT-16QAM	L	Outer_Full	24.43	27.76	30	pass
N77-3450-3550	30	30	DFT-64QAM	L	Inner_1RB_Left	24.05	27.38	30	pass
N77-3450-3550	30	30	DFT-64QAM	L	Inner_1RB_Right	23.87	27.2	30	pass
N77-3450-3550	30	30	DFT-64QAM	L	Outer_Full	24	27.33	30	pass
N77-3450-3550	30	30	DFT-256QAM	L	Inner_1RB_Left	22.15	25.48	30	pass
N77-3450-3550	30	30	DFT-256QAM	L	Inner_1RB_Right	21.87	25.2	30	pass
N77-3450-3550	30	30	DFT-256QAM	L	Outer_Full	21.96	25.29	30	pass
N77-3450-3550	30	30	DFT-PI2BPSK	M	Inner_1RB_Left	26.55	29.88	30	pass
N77-3450-3550	30	30	DFT-PI2BPSK	M	Inner_1RB_Right	26.43	29.76	30	pass
N77-3450-3550	30	30	DFT-PI2BPSK	M	Outer_Full	25.96	29.29	30	pass
N77-3450-3550	30	30	DFT-QPSK	M	Inner_1RB_Left	26.55	29.88	30	pass
N77-3450-3550	30	30	DFT-QPSK	M	Inner_1RB_Right	26.3	29.63	30	pass
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	25.45	28.78	30	pass
N77-3450-3550	30	30	DFT-16QAM	M	Inner_1RB_Left	25.51	28.84	30	pass
N77-3450-3550	30	30	DFT-16QAM	M	Inner_1RB_Right	25.34	28.67	30	pass
N77-3450-3550	30	30	DFT-16QAM	M	Outer_Full	24.47	27.8	30	pass
N77-3450-3550	30	30	DFT-64QAM	M	Inner_1RB_Left	24.02	27.35	30	pass
N77-3450-3550	30	30	DFT-64QAM	M	Inner_1RB_Right	23.71	27.04	30	pass
N77-3450-3550	30	30	DFT-64QAM	M	Outer_Full	23.93	27.26	30	pass
N77-3450-3550	30	30	DFT-256QAM	M	Inner_1RB_Left	21.99	25.32	30	pass
N77-3450-3550	30	30	DFT-256QAM	M	Inner_1RB_Right	21.75	25.08	30	pass
N77-3450-3550	30	30	DFT-256QAM	M	Outer_Full	21.94	25.27	30	pass



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N77-3450-3550	30	30	DFT-PI2BPSK	H	Inner_1RB_Left	26.28	29.61	30	pass
N77-3450-3550	30	30	DFT-PI2BPSK	H	Inner_1RB_Right	26.17	29.5	30	pass
N77-3450-3550	30	30	DFT-PI2BPSK	H	Outer_Full	26.52	29.85	30	pass
N77-3450-3550	30	30	DFT-QPSK	H	Inner_1RB_Left	23.34	26.67	30	pass
N77-3450-3550	30	30	DFT-QPSK	H	Inner_1RB_Right	26.52	29.85	30	pass
N77-3450-3550	30	30	DFT-QPSK	H	Outer_Full	25.27	28.6	30	pass
N77-3450-3550	30	30	DFT-16QAM	H	Inner_1RB_Left	25.21	28.54	30	pass
N77-3450-3550	30	30	DFT-16QAM	H	Inner_1RB_Right	25.21	28.54	30	pass
N77-3450-3550	30	30	DFT-16QAM	H	Outer_Full	24.25	27.58	30	pass
N77-3450-3550	30	30	DFT-64QAM	H	Inner_1RB_Left	23.75	27.08	30	pass
N77-3450-3550	30	30	DFT-64QAM	H	Inner_1RB_Right	23.76	27.09	30	pass
N77-3450-3550	30	30	DFT-64QAM	H	Outer_Full	23.65	26.98	30	pass
N77-3450-3550	30	30	DFT-256QAM	H	Inner_1RB_Left	21.82	25.15	30	pass
N77-3450-3550	30	30	DFT-256QAM	H	Inner_1RB_Right	21.77	25.1	30	pass
N77-3450-3550	30	30	DFT-256QAM	H	Outer_Full	21.64	24.97	30	pass
N77-3450-3550	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	26.52	29.85	30	pass
N77-3450-3550	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	26.47	29.8	30	pass
N77-3450-3550	30	40	DFT-PI2BPSK	L	Outer_Full	26	29.33	30	pass
N77-3450-3550	30	40	DFT-QPSK	L	Inner_1RB_Left	26.32	29.65	30	pass
N77-3450-3550	30	40	DFT-QPSK	L	Inner_1RB_Right	26.52	29.85	30	pass
N77-3450-3550	30	40	DFT-QPSK	L	Outer_Full	25.49	28.82	30	pass
N77-3450-3550	30	40	DFT-16QAM	L	Inner_1RB_Left	25.81	29.14	30	pass
N77-3450-3550	30	40	DFT-16QAM	L	Inner_1RB_Right	25.51	28.84	30	pass
N77-3450-3550	30	40	DFT-16QAM	L	Outer_Full	24.49	27.82	30	pass
N77-3450-3550	30	40	DFT-64QAM	L	Inner_1RB_Left	24.12	27.45	30	pass
N77-3450-3550	30	40	DFT-64QAM	L	Inner_1RB_Right	23.87	27.2	30	pass
N77-3450-3550	30	40	DFT-64QAM	L	Outer_Full	24	27.33	30	pass
N77-3450-3550	30	40	DFT-256QAM	L	Inner_1RB_Left	22.26	25.59	30	pass
N77-3450-3550	30	40	DFT-256QAM	L	Inner_1RB_Right	21.9	25.23	30	pass
N77-3450-3550	30	40	DFT-256QAM	L	Outer_Full	22.03	25.36	30	pass
N77-3450-3550	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	26.57	29.9	30	pass
N77-3450-3550	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	26.43	29.76	30	pass
N77-3450-3550	30	40	DFT-PI2BPSK	M	Outer_Full	25.96	29.29	30	pass
N77-3450-3550	30	40	DFT-QPSK	M	Inner_1RB_Left	26.58	29.91	30	pass



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N77-3450-3550	30	40	DFT-QPSK	M	Inner_1RB_Right	26.34	29.67	30	pass
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	25.45	28.78	30	pass
N77-3450-3550	30	40	DFT-16QAM	M	Inner_1RB_Left	25.65	28.98	30	pass
N77-3450-3550	30	40	DFT-16QAM	M	Inner_1RB_Right	25.26	28.59	30	pass
N77-3450-3550	30	40	DFT-16QAM	M	Outer_Full	24.45	27.78	30	pass
N77-3450-3550	30	40	DFT-64QAM	M	Inner_1RB_Left	24.05	27.38	30	pass
N77-3450-3550	30	40	DFT-64QAM	M	Inner_1RB_Right	23.88	27.21	30	pass
N77-3450-3550	30	40	DFT-64QAM	M	Outer_Full	23.96	27.29	30	pass
N77-3450-3550	30	40	DFT-256QAM	M	Inner_1RB_Left	22.1	25.43	30	pass
N77-3450-3550	30	40	DFT-256QAM	M	Inner_1RB_Right	21.79	25.12	30	pass
N77-3450-3550	30	40	DFT-256QAM	M	Outer_Full	21.96	25.29	30	pass
N77-3450-3550	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	26.35	29.68	30	pass
N77-3450-3550	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	26.22	29.55	30	pass
N77-3450-3550	30	40	DFT-PI2BPSK	H	Outer_Full	25.67	29	30	pass
N77-3450-3550	30	40	DFT-QPSK	H	Inner_1RB_Left	26.31	29.64	30	pass
N77-3450-3550	30	40	DFT-QPSK	H	Inner_1RB_Right	26.22	29.55	30	pass
N77-3450-3550	30	40	DFT-QPSK	H	Outer_Full	25.17	28.5	30	pass
N77-3450-3550	30	40	DFT-16QAM	H	Inner_1RB_Left	25.32	28.65	30	pass
N77-3450-3550	30	40	DFT-16QAM	H	Inner_1RB_Right	25.27	28.6	30	pass
N77-3450-3550	30	40	DFT-16QAM	H	Outer_Full	24.17	27.5	30	pass
N77-3450-3550	30	40	DFT-64QAM	H	Inner_1RB_Left	23.95	27.28	30	pass
N77-3450-3550	30	40	DFT-64QAM	H	Inner_1RB_Right	23.7	27.03	30	pass
N77-3450-3550	30	40	DFT-64QAM	H	Outer_Full	23.7	27.03	30	pass
N77-3450-3550	30	40	DFT-256QAM	H	Inner_1RB_Left	21.91	25.24	30	pass
N77-3450-3550	30	40	DFT-256QAM	H	Inner_1RB_Right	21.77	25.1	30	pass
N77-3450-3550	30	40	DFT-256QAM	H	Outer_Full	21.69	25.02	30	pass
N77-3450-3550	30	50	DFT-PI2BPSK	L	Inner_1RB_Left	26.51	29.84	30	pass
N77-3450-3550	30	50	DFT-PI2BPSK	L	Inner_1RB_Right	26.14	29.47	30	pass
N77-3450-3550	30	50	DFT-PI2BPSK	L	Outer_Full	25.87	29.2	30	pass
N77-3450-3550	30	50	DFT-QPSK	L	Inner_1RB_Left	26.56	29.89	30	pass
N77-3450-3550	30	50	DFT-QPSK	L	Inner_1RB_Right	26.19	29.52	30	pass
N77-3450-3550	30	50	DFT-QPSK	L	Outer_Full	25.36	28.69	30	pass
N77-3450-3550	30	50	DFT-16QAM	L	Inner_1RB_Left	25.46	28.79	30	pass
N77-3450-3550	30	50	DFT-16QAM	L	Inner_1RB_Right	25.14	28.47	30	pass



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N77-3450-3550	30	50	DFT-16QAM	L	Outer_Full	24.33	27.66	30	pass
N77-3450-3550	30	50	DFT-64QAM	L	Inner_1RB_Left	24.02	27.35	30	pass
N77-3450-3550	30	50	DFT-64QAM	L	Inner_1RB_Right	23.57	26.9	30	pass
N77-3450-3550	30	50	DFT-64QAM	L	Outer_Full	23.89	27.22	30	pass
N77-3450-3550	30	50	DFT-256QAM	L	Inner_1RB_Left	22.06	25.39	30	pass
N77-3450-3550	30	50	DFT-256QAM	L	Inner_1RB_Right	21.59	24.92	30	pass
N77-3450-3550	30	50	DFT-256QAM	L	Outer_Full	21.8	25.13	30	pass
N77-3450-3550	30	50	DFT-PI2BPSK	M	Inner_1RB_Left	26.45	29.78	30	pass
N77-3450-3550	30	50	DFT-PI2BPSK	M	Inner_1RB_Right	26.08	29.41	30	pass
N77-3450-3550	30	50	DFT-PI2BPSK	M	Outer_Full	25.86	29.19	30	pass
N77-3450-3550	30	50	DFT-QPSK	M	Inner_1RB_Left	26.45	29.78	30	pass
N77-3450-3550	30	50	DFT-QPSK	M	Inner_1RB_Right	26.07	29.4	30	pass
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	25.36	28.69	30	pass
N77-3450-3550	30	50	DFT-16QAM	M	Inner_1RB_Left	25.33	28.66	30	pass
N77-3450-3550	30	50	DFT-16QAM	M	Inner_1RB_Right	25.08	28.41	30	pass
N77-3450-3550	30	50	DFT-16QAM	M	Outer_Full	24.32	27.65	30	pass
N77-3450-3550	30	50	DFT-64QAM	M	Inner_1RB_Left	23.9	27.23	30	pass
N77-3450-3550	30	50	DFT-64QAM	M	Inner_1RB_Right	23.43	26.76	30	pass
N77-3450-3550	30	50	DFT-64QAM	M	Outer_Full	23.78	27.11	30	pass
N77-3450-3550	30	50	DFT-256QAM	M	Inner_1RB_Left	21.99	25.32	30	pass
N77-3450-3550	30	50	DFT-256QAM	M	Inner_1RB_Right	21.63	24.96	30	pass
N77-3450-3550	30	50	DFT-256QAM	M	Outer_Full	21.85	25.18	30	pass
N77-3450-3550	30	50	DFT-PI2BPSK	H	Inner_1RB_Left	26.3	29.63	30	pass
N77-3450-3550	30	50	DFT-PI2BPSK	H	Inner_1RB_Right	25.92	29.25	30	pass
N77-3450-3550	30	50	DFT-PI2BPSK	H	Outer_Full	25.6	28.93	30	pass
N77-3450-3550	30	50	DFT-QPSK	H	Inner_1RB_Left	26.35	29.68	30	pass
N77-3450-3550	30	50	DFT-QPSK	H	Inner_1RB_Right	25.89	29.22	30	pass
N77-3450-3550	30	50	DFT-QPSK	H	Outer_Full	25.1	28.43	30	pass
N77-3450-3550	30	50	DFT-16QAM	H	Inner_1RB_Left	25.29	28.62	30	pass
N77-3450-3550	30	50	DFT-16QAM	H	Inner_1RB_Right	24.91	28.24	30	pass
N77-3450-3550	30	50	DFT-16QAM	H	Outer_Full	24.09	27.42	30	pass
N77-3450-3550	30	50	DFT-64QAM	H	Inner_1RB_Left	23.65	26.98	30	pass
N77-3450-3550	30	50	DFT-64QAM	H	Inner_1RB_Right	23.44	26.77	30	pass
N77-3450-3550	30	50	DFT-64QAM	H	Outer_Full	23.53	26.86	30	pass



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N77-3450-3550	30	50	DFT-256QAM	H	Inner_1RB_Left	21.74	25.07	30	pass
N77-3450-3550	30	50	DFT-256QAM	H	Inner_1RB_Right	21.34	24.67	30	pass
N77-3450-3550	30	50	DFT-256QAM	H	Outer_Full	21.55	24.88	30	pass
N77-3450-3550	30	60	DFT-PI2BPSK	L	Inner_1RB_Left	26.56	29.89	30	pass
N77-3450-3550	30	60	DFT-PI2BPSK	L	Inner_1RB_Right	26.2	29.53	30	pass
N77-3450-3550	30	60	DFT-PI2BPSK	L	Outer_Full	25.85	29.18	30	pass
N77-3450-3550	30	60	DFT-QPSK	L	Inner_1RB_Left	26.49	29.82	30	pass
N77-3450-3550	30	60	DFT-QPSK	L	Inner_1RB_Right	26.07	29.4	30	pass
N77-3450-3550	30	60	DFT-QPSK	L	Outer_Full	25.35	28.68	30	pass
N77-3450-3550	30	60	DFT-16QAM	L	Inner_1RB_Left	25.57	28.9	30	pass
N77-3450-3550	30	60	DFT-16QAM	L	Inner_1RB_Right	25.19	28.52	30	pass
N77-3450-3550	30	60	DFT-16QAM	L	Outer_Full	24.31	27.64	30	pass
N77-3450-3550	30	60	DFT-64QAM	L	Inner_1RB_Left	23.98	27.31	30	pass
N77-3450-3550	30	60	DFT-64QAM	L	Inner_1RB_Right	23.62	26.95	30	pass
N77-3450-3550	30	60	DFT-64QAM	L	Outer_Full	23.83	27.16	30	pass
N77-3450-3550	30	60	DFT-256QAM	L	Inner_1RB_Left	22.18	25.51	30	pass
N77-3450-3550	30	60	DFT-256QAM	L	Inner_1RB_Right	21.58	24.91	30	pass
N77-3450-3550	30	60	DFT-256QAM	L	Outer_Full	21.89	25.22	30	pass
N77-3450-3550	30	60	DFT-PI2BPSK	M	Inner_1RB_Left	26.48	29.81	30	pass
N77-3450-3550	30	60	DFT-PI2BPSK	M	Inner_1RB_Right	26.1	29.43	30	pass
N77-3450-3550	30	60	DFT-PI2BPSK	M	Outer_Full	25.85	29.18	30	pass
N77-3450-3550	30	60	DFT-QPSK	M	Inner_1RB_Left	26.44	29.77	30	pass
N77-3450-3550	30	60	DFT-QPSK	M	Inner_1RB_Right	26.04	29.37	30	pass
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	25.34	28.67	30	pass
N77-3450-3550	30	60	DFT-16QAM	M	Inner_1RB_Left	25.27	28.6	30	pass
N77-3450-3550	30	60	DFT-16QAM	M	Inner_1RB_Right	25.07	28.4	30	pass
N77-3450-3550	30	60	DFT-16QAM	M	Outer_Full	24.28	27.61	30	pass
N77-3450-3550	30	60	DFT-64QAM	M	Inner_1RB_Left	23.37	26.7	30	pass
N77-3450-3550	30	60	DFT-64QAM	M	Inner_1RB_Right	22.96	26.29	30	pass
N77-3450-3550	30	60	DFT-64QAM	M	Outer_Full	23.75	27.08	30	pass
N77-3450-3550	30	60	DFT-256QAM	M	Inner_1RB_Left	21.63	24.96	30	pass
N77-3450-3550	30	60	DFT-256QAM	M	Inner_1RB_Right	21.42	24.75	30	pass
N77-3450-3550	30	60	DFT-256QAM	M	Outer_Full	21.73	25.06	30	pass
N77-3450-3550	30	60	DFT-PI2BPSK	H	Inner_1RB_Left	26.52	29.85	30	pass



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N77-3450-3550	30	60	DFT-PI2BPSK	H	Inner_1RB_Right	26.06	29.39	30	pass
N77-3450-3550	30	60	DFT-PI2BPSK	H	Outer_Full	25.73	29.06	30	pass
N77-3450-3550	30	60	DFT-QPSK	H	Inner_1RB_Left	26.46	29.79	30	pass
N77-3450-3550	30	60	DFT-QPSK	H	Inner_1RB_Right	26.04	29.37	30	pass
N77-3450-3550	30	60	DFT-QPSK	H	Outer_Full	25.18	28.51	30	pass
N77-3450-3550	30	60	DFT-16QAM	H	Inner_1RB_Left	25.34	28.67	30	pass
N77-3450-3550	30	60	DFT-16QAM	H	Inner_1RB_Right	24.96	28.29	30	pass
N77-3450-3550	30	60	DFT-16QAM	H	Outer_Full	24.21	27.54	30	pass
N77-3450-3550	30	60	DFT-64QAM	H	Inner_1RB_Left	23.77	27.1	30	pass
N77-3450-3550	30	60	DFT-64QAM	H	Inner_1RB_Right	23.6	26.93	30	pass
N77-3450-3550	30	60	DFT-64QAM	H	Outer_Full	23.69	27.02	30	pass
N77-3450-3550	30	60	DFT-256QAM	H	Inner_1RB_Left	21.95	25.28	30	pass
N77-3450-3550	30	60	DFT-256QAM	H	Inner_1RB_Right	21.66	24.99	30	pass
N77-3450-3550	30	60	DFT-256QAM	H	Outer_Full	21.68	25.01	30	pass
N77-3450-3550	30	70	DFT-PI2BPSK	L	Inner_1RB_Left	26.46	29.79	30	pass
N77-3450-3550	30	70	DFT-PI2BPSK	L	Inner_1RB_Right	26.03	29.36	30	pass
N77-3450-3550	30	70	DFT-PI2BPSK	L	Outer_Full	25.79	29.12	30	pass
N77-3450-3550	30	70	DFT-QPSK	L	Inner_1RB_Left	26.45	29.78	30	pass
N77-3450-3550	30	70	DFT-QPSK	L	Inner_1RB_Right	26.03	29.36	30	pass
N77-3450-3550	30	70	DFT-QPSK	L	Outer_Full	25.23	28.56	30	pass
N77-3450-3550	30	70	DFT-16QAM	L	Inner_1RB_Left	25.39	28.72	30	pass
N77-3450-3550	30	70	DFT-16QAM	L	Inner_1RB_Right	25.01	28.34	30	pass
N77-3450-3550	30	70	DFT-16QAM	L	Outer_Full	24.29	27.62	30	pass
N77-3450-3550	30	70	DFT-64QAM	L	Inner_1RB_Left	23.93	27.26	30	pass
N77-3450-3550	30	70	DFT-64QAM	L	Inner_1RB_Right	23.58	26.91	30	pass
N77-3450-3550	30	70	DFT-64QAM	L	Outer_Full	23.77	27.1	30	pass
N77-3450-3550	30	70	DFT-256QAM	L	Inner_1RB_Left	21.95	25.28	30	pass
N77-3450-3550	30	70	DFT-256QAM	L	Inner_1RB_Right	21.41	24.74	30	pass
N77-3450-3550	30	70	DFT-256QAM	L	Outer_Full	21.75	25.08	30	pass
N77-3450-3550	30	70	DFT-PI2BPSK	M	Inner_1RB_Left	26.25	29.58	30	pass
N77-3450-3550	30	70	DFT-PI2BPSK	M	Inner_1RB_Right	25.78	29.11	30	pass
N77-3450-3550	30	70	DFT-PI2BPSK	M	Outer_Full	25.62	28.95	30	pass
N77-3450-3550	30	70	DFT-QPSK	M	Inner_1RB_Left	26.18	29.51	30	pass
N77-3450-3550	30	70	DFT-QPSK	M	Inner_1RB_Right	25.82	29.15	30	pass



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N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	25.12	28.45	30	pass
N77-3450-3550	30	70	DFT-16QAM	M	Inner_1RB_Left	25.19	28.52	30	pass
N77-3450-3550	30	70	DFT-16QAM	M	Inner_1RB_Right	24.75	28.08	30	pass
N77-3450-3550	30	70	DFT-16QAM	M	Outer_Full	24.19	27.52	30	pass
N77-3450-3550	30	70	DFT-64QAM	M	Inner_1RB_Left	23.73	27.06	30	pass
N77-3450-3550	30	70	DFT-64QAM	M	Inner_1RB_Right	23.21	26.54	30	pass
N77-3450-3550	30	70	DFT-64QAM	M	Outer_Full	23.66	26.99	30	pass
N77-3450-3550	30	70	DFT-256QAM	M	Inner_1RB_Left	21.76	25.09	30	pass
N77-3450-3550	30	70	DFT-256QAM	M	Inner_1RB_Right	21.22	24.55	30	pass
N77-3450-3550	30	70	DFT-256QAM	M	Outer_Full	21.62	24.95	30	pass
N77-3450-3550	30	70	DFT-PI2BPSK	H	Inner_1RB_Left	26.3	29.63	30	pass
N77-3450-3550	30	70	DFT-PI2BPSK	H	Inner_1RB_Right	25.83	29.16	30	pass
N77-3450-3550	30	70	DFT-PI2BPSK	H	Outer_Full	25.64	28.97	30	pass
N77-3450-3550	30	70	DFT-QPSK	H	Inner_1RB_Left	26.18	29.51	30	pass
N77-3450-3550	30	70	DFT-QPSK	H	Inner_1RB_Right	25.82	29.15	30	pass
N77-3450-3550	30	70	DFT-QPSK	H	Outer_Full	25.02	28.35	30	pass
N77-3450-3550	30	70	DFT-16QAM	H	Inner_1RB_Left	25.13	28.46	30	pass
N77-3450-3550	30	70	DFT-16QAM	H	Inner_1RB_Right	24.8	28.13	30	pass
N77-3450-3550	30	70	DFT-16QAM	H	Outer_Full	24.04	27.37	30	pass
N77-3450-3550	30	70	DFT-64QAM	H	Inner_1RB_Left	23.63	26.96	30	pass
N77-3450-3550	30	70	DFT-64QAM	H	Inner_1RB_Right	23.35	26.68	30	pass
N77-3450-3550	30	70	DFT-64QAM	H	Outer_Full	23.52	26.85	30	pass
N77-3450-3550	30	70	DFT-256QAM	H	Inner_1RB_Left	21.71	25.04	30	pass
N77-3450-3550	30	70	DFT-256QAM	H	Inner_1RB_Right	21.44	24.77	30	pass
N77-3450-3550	30	70	DFT-256QAM	H	Outer_Full	21.52	24.85	30	pass
N77-3450-3550	30	80	DFT-PI2BPSK	L	Inner_1RB_Left	26.47	29.8	30	pass
N77-3450-3550	30	80	DFT-PI2BPSK	L	Inner_1RB_Right	25.94	29.27	30	pass
N77-3450-3550	30	80	DFT-PI2BPSK	L	Outer_Full	25.79	29.12	30	pass
N77-3450-3550	30	80	DFT-QPSK	L	Inner_1RB_Left	26.46	29.79	30	pass
N77-3450-3550	30	80	DFT-QPSK	L	Inner_1RB_Right	25.95	29.28	30	pass
N77-3450-3550	30	80	DFT-QPSK	L	Outer_Full	25.25	28.58	30	pass
N77-3450-3550	30	80	DFT-16QAM	L	Inner_1RB_Left	25.4	28.73	30	pass
N77-3450-3550	30	80	DFT-16QAM	L	Inner_1RB_Right	24.91	28.24	30	pass
N77-3450-3550	30	80	DFT-16QAM	L	Outer_Full	24.25	27.58	30	pass



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N77-3450-3550	30	80	DFT-64QAM	L	Inner_1RB_Left	24	27.33	30	pass
N77-3450-3550	30	80	DFT-64QAM	L	Inner_1RB_Right	23.4	26.73	30	pass
N77-3450-3550	30	80	DFT-64QAM	L	Outer_Full	23.72	27.05	30	pass
N77-3450-3550	30	80	DFT-256QAM	L	Inner_1RB_Left	22.06	25.39	30	pass
N77-3450-3550	30	80	DFT-256QAM	L	Inner_1RB_Right	21.42	24.75	30	pass
N77-3450-3550	30	80	DFT-256QAM	L	Outer_Full	21.71	25.04	30	pass
N77-3450-3550	30	80	DFT-PI2BPSK	M	Inner_1RB_Left	26.25	29.58	30	pass
N77-3450-3550	30	80	DFT-PI2BPSK	M	Inner_1RB_Right	25.8	29.13	30	pass
N77-3450-3550	30	80	DFT-PI2BPSK	M	Outer_Full	25.69	29.02	30	pass
N77-3450-3550	30	80	DFT-QPSK	M	Inner_1RB_Left	26.2	29.53	30	pass
N77-3450-3550	30	80	DFT-QPSK	M	Inner_1RB_Right	25.84	29.17	30	pass
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	25.09	28.42	30	pass
N77-3450-3550	30	80	DFT-16QAM	M	Inner_1RB_Left	25.23	28.56	30	pass
N77-3450-3550	30	80	DFT-16QAM	M	Inner_1RB_Right	24.81	28.14	30	pass
N77-3450-3550	30	80	DFT-16QAM	M	Outer_Full	24.18	27.51	30	pass
N77-3450-3550	30	80	DFT-64QAM	M	Inner_1RB_Left	23.77	27.1	30	pass
N77-3450-3550	30	80	DFT-64QAM	M	Inner_1RB_Right	23.37	26.7	30	pass
N77-3450-3550	30	80	DFT-64QAM	M	Outer_Full	23.56	26.89	30	pass
N77-3450-3550	30	80	DFT-256QAM	M	Inner_1RB_Left	21.77	25.1	30	pass
N77-3450-3550	30	80	DFT-256QAM	M	Inner_1RB_Right	21.35	24.68	30	pass
N77-3450-3550	30	80	DFT-256QAM	M	Outer_Full	21.62	24.95	30	pass
N77-3450-3550	30	80	DFT-PI2BPSK	H	Inner_1RB_Left	26.26	29.59	30	pass
N77-3450-3550	30	80	DFT-PI2BPSK	H	Inner_1RB_Right	25.84	29.17	30	pass
N77-3450-3550	30	80	DFT-PI2BPSK	H	Outer_Full	25.56	28.89	30	pass
N77-3450-3550	30	80	DFT-QPSK	H	Inner_1RB_Left	26.14	29.47	30	pass
N77-3450-3550	30	80	DFT-QPSK	H	Inner_1RB_Right	25.88	29.21	30	pass
N77-3450-3550	30	80	DFT-QPSK	H	Outer_Full	25.05	28.38	30	pass
N77-3450-3550	30	80	DFT-16QAM	H	Inner_1RB_Left	25.15	28.48	30	pass
N77-3450-3550	30	80	DFT-16QAM	H	Inner_1RB_Right	24.82	28.15	30	pass
N77-3450-3550	30	80	DFT-16QAM	H	Outer_Full	24.06	27.39	30	pass
N77-3450-3550	30	80	DFT-64QAM	H	Inner_1RB_Left	23.5	26.83	30	pass
N77-3450-3550	30	80	DFT-64QAM	H	Inner_1RB_Right	23.28	26.61	30	pass
N77-3450-3550	30	80	DFT-64QAM	H	Outer_Full	23.55	26.88	30	pass
N77-3450-3550	30	80	DFT-256QAM	H	Inner_1RB_Left	21.67	25	30	pass



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N77-3450-3550	30	80	DFT-256QAM	H	Inner_1RB_Right	21.29	24.62	30	pass
N77-3450-3550	30	80	DFT-256QAM	H	Outer_Full	21.56	24.89	30	pass
N77-3450-3550	30	90	DFT-PI2BPSK	L	Inner_1RB_Left	26.45	29.78	30	pass
N77-3450-3550	30	90	DFT-PI2BPSK	L	Inner_1RB_Right	25.94	29.27	30	pass
N77-3450-3550	30	90	DFT-PI2BPSK	L	Outer_Full	25.7	29.03	30	pass
N77-3450-3550	30	90	DFT-QPSK	L	Inner_1RB_Left	26.45	29.78	30	pass
N77-3450-3550	30	90	DFT-QPSK	L	Inner_1RB_Right	25.98	29.31	30	pass
N77-3450-3550	30	90	DFT-QPSK	L	Outer_Full	25.2	28.53	30	pass
N77-3450-3550	30	90	DFT-16QAM	L	Inner_1RB_Left	25.45	28.78	30	pass
N77-3450-3550	30	90	DFT-16QAM	L	Inner_1RB_Right	24.93	28.26	30	pass
N77-3450-3550	30	90	DFT-16QAM	L	Outer_Full	24.22	27.55	30	pass
N77-3450-3550	30	90	DFT-64QAM	L	Inner_1RB_Left	23.9	27.23	30	pass
N77-3450-3550	30	90	DFT-64QAM	L	Inner_1RB_Right	23.43	26.76	30	pass
N77-3450-3550	30	90	DFT-64QAM	L	Outer_Full	23.73	27.06	30	pass
N77-3450-3550	30	90	DFT-256QAM	L	Inner_1RB_Left	21.99	25.32	30	pass
N77-3450-3550	30	90	DFT-256QAM	L	Inner_1RB_Right	21.51	24.84	30	pass
N77-3450-3550	30	90	DFT-256QAM	L	Outer_Full	21.71	25.04	30	pass
N77-3450-3550	30	90	DFT-PI2BPSK	M	Inner_1RB_Left	26.35	29.68	30	pass
N77-3450-3550	30	90	DFT-PI2BPSK	M	Inner_1RB_Right	25.89	29.22	30	pass
N77-3450-3550	30	90	DFT-PI2BPSK	M	Outer_Full	25.7	29.03	30	pass
N77-3450-3550	30	90	DFT-QPSK	M	Inner_1RB_Left	26.29	29.62	30	pass
N77-3450-3550	30	90	DFT-QPSK	M	Inner_1RB_Right	25.92	29.25	30	pass
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	25.06	28.39	30	pass
N77-3450-3550	30	90	DFT-16QAM	M	Inner_1RB_Left	25.24	28.57	30	pass
N77-3450-3550	30	90	DFT-16QAM	M	Inner_1RB_Right	24.89	28.22	30	pass
N77-3450-3550	30	90	DFT-16QAM	M	Outer_Full	24.04	27.37	30	pass
N77-3450-3550	30	90	DFT-64QAM	M	Inner_1RB_Left	23.81	27.14	30	pass
N77-3450-3550	30	90	DFT-64QAM	M	Inner_1RB_Right	23.32	26.65	30	pass
N77-3450-3550	30	90	DFT-64QAM	M	Outer_Full	23.59	26.92	30	pass
N77-3450-3550	30	90	DFT-256QAM	M	Inner_1RB_Left	21.9	25.23	30	pass
N77-3450-3550	30	90	DFT-256QAM	M	Inner_1RB_Right	21.46	24.79	30	pass
N77-3450-3550	30	90	DFT-256QAM	M	Outer_Full	21.53	24.86	30	pass
N77-3450-3550	30	90	DFT-PI2BPSK	H	Inner_1RB_Left	26.28	29.61	30	pass
N77-3450-3550	30	90	DFT-PI2BPSK	H	Inner_1RB_Right	25.94	29.27	30	pass



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N77-3450-3550	30	90	DFT-PI2BPSK	H	Outer_Full	25.59	28.92	30	pass
N77-3450-3550	30	90	DFT-QPSK	H	Inner_1RB_Left	26.31	29.64	30	pass
N77-3450-3550	30	90	DFT-QPSK	H	Inner_1RB_Right	25.89	29.22	30	pass
N77-3450-3550	30	90	DFT-QPSK	H	Outer_Full	25.08	28.41	30	pass
N77-3450-3550	30	90	DFT-16QAM	H	Inner_1RB_Left	25.2	28.53	30	pass
N77-3450-3550	30	90	DFT-16QAM	H	Inner_1RB_Right	24.91	28.24	30	pass
N77-3450-3550	30	90	DFT-16QAM	H	Outer_Full	24.09	27.42	30	pass
N77-3450-3550	30	90	DFT-64QAM	H	Inner_1RB_Left	23.84	27.17	30	pass
N77-3450-3550	30	90	DFT-64QAM	H	Inner_1RB_Right	23.38	26.71	30	pass
N77-3450-3550	30	90	DFT-64QAM	H	Outer_Full	23.57	26.9	30	pass
N77-3450-3550	30	90	DFT-256QAM	H	Inner_1RB_Left	21.82	25.15	30	pass
N77-3450-3550	30	90	DFT-256QAM	H	Inner_1RB_Right	21.48	24.81	30	pass
N77-3450-3550	30	90	DFT-256QAM	H	Outer_Full	21.57	24.9	30	pass
N77-3450-3550	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	26.36	29.69	30	pass
N77-3450-3550	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	25.95	29.28	30	pass
N77-3450-3550	30	100	DFT-PI2BPSK	L	Outer_Full	25.64	28.97	30	pass
N77-3450-3550	30	100	DFT-QPSK	L	Inner_1RB_Left	26.36	29.69	30	pass
N77-3450-3550	30	100	DFT-QPSK	L	Inner_1RB_Right	25.9	29.23	30	pass
N77-3450-3550	30	100	DFT-QPSK	L	Outer_Full	25.2	28.53	30	pass
N77-3450-3550	30	100	DFT-16QAM	L	Inner_1RB_Left	25.41	28.74	30	pass
N77-3450-3550	30	100	DFT-16QAM	L	Inner_1RB_Right	24.94	28.27	30	pass
N77-3450-3550	30	100	DFT-16QAM	L	Outer_Full	24.11	27.44	30	pass
N77-3450-3550	30	100	DFT-64QAM	L	Inner_1RB_Left	23.84	27.17	30	pass
N77-3450-3550	30	100	DFT-64QAM	L	Inner_1RB_Right	23.41	26.74	30	pass
N77-3450-3550	30	100	DFT-64QAM	L	Outer_Full	23.63	26.96	30	pass
N77-3450-3550	30	100	DFT-256QAM	L	Inner_1RB_Left	21.88	25.21	30	pass
N77-3450-3550	30	100	DFT-256QAM	L	Inner_1RB_Right	21.45	24.78	30	pass
N77-3450-3550	30	100	DFT-256QAM	L	Outer_Full	21.59	24.92	30	pass
N77-3450-3550	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	26.45	29.78	30	pass
N77-3450-3550	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	25.93	29.26	30	pass
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	25.61	28.94	30	pass
N77-3450-3550	30	100	DFT-QPSK	M	Inner_1RB_Left	26.35	29.68	30	pass
N77-3450-3550	30	100	DFT-QPSK	M	Inner_1RB_Right	25.9	29.23	30	pass
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	25.07	28.4	30	pass



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N77-3450-3550	30	100	DFT-16QAM	M	Inner_1RB_Left	25.31	28.64	30	pass
N77-3450-3550	30	100	DFT-16QAM	M	Inner_1RB_Right	24.86	28.19	30	pass
N77-3450-3550	30	100	DFT-16QAM	M	Outer_Full	24.1	27.43	30	pass
N77-3450-3550	30	100	DFT-64QAM	M	Inner_1RB_Left	23.85	27.18	30	pass
N77-3450-3550	30	100	DFT-64QAM	M	Inner_1RB_Right	23.34	26.67	30	pass
N77-3450-3550	30	100	DFT-64QAM	M	Outer_Full	23.6	26.93	30	pass
N77-3450-3550	30	100	DFT-256QAM	M	Inner_1RB_Left	21.92	25.25	30	pass
N77-3450-3550	30	100	DFT-256QAM	M	Inner_1RB_Right	21.46	24.79	30	pass
N77-3450-3550	30	100	DFT-256QAM	M	Outer_Full	21.59	24.92	30	pass
N77-3450-3550	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	24.24	27.57	30	pass
N77-3450-3550	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	25.91	29.24	30	pass
N77-3450-3550	30	100	DFT-PI2BPSK	H	Outer_Full	25.6	28.93	30	pass
N77-3450-3550	30	100	DFT-QPSK	H	Inner_1RB_Left	26.34	29.67	30	pass
N77-3450-3550	30	100	DFT-QPSK	H	Inner_1RB_Right	25.93	29.26	30	pass
N77-3450-3550	30	100	DFT-QPSK	H	Outer_Full	25.1	28.43	30	pass
N77-3450-3550	30	100	DFT-16QAM	H	Inner_1RB_Left	25.28	28.61	30	pass
N77-3450-3550	30	100	DFT-16QAM	H	Inner_1RB_Right	24.82	28.15	30	pass
N77-3450-3550	30	100	DFT-16QAM	H	Outer_Full	24.1	27.43	30	pass
N77-3450-3550	30	100	DFT-64QAM	H	Inner_1RB_Left	23.81	27.14	30	pass
N77-3450-3550	30	100	DFT-64QAM	H	Inner_1RB_Right	23.44	26.77	30	pass
N77-3450-3550	30	100	DFT-64QAM	H	Outer_Full	23.6	26.93	30	pass
N77-3450-3550	30	100	DFT-256QAM	H	Inner_1RB_Left	21.94	25.27	30	pass
N77-3450-3550	30	100	DFT-256QAM	H	Inner_1RB_Right	21.51	24.84	30	pass
N77-3450-3550	30	100	DFT-256QAM	H	Outer_Full	21.6	24.93	30	pass



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Effective (Isotropic) Radiated Power Output Data for UL MIMO

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power	Power	Total	EIRP	LIMIT	verdict
N77-3450-3550	30	10	CP-QPSK	L	Inner_1RB_Left	22.62	22.69	25.67	29	30	pass
N77-3450-3550	30	10	CP-QPSK	L	Inner_1RB_Right	22.51	22.89	25.72	29.05	30	pass
N77-3450-3550	30	10	CP-QPSK	L	Outer_Full	20.92	21.22	24.08	27.41	30	pass
N77-3450-3550	30	10	CP-16QAM	L	Inner_1RB_Left	22.04	22.2	25.13	28.46	30	pass
N77-3450-3550	30	10	CP-16QAM	L	Inner_1RB_Right	21.97	22.19	25.09	28.42	30	pass
N77-3450-3550	30	10	CP-16QAM	L	Outer_Full	21	21.16	24.09	27.42	30	pass
N77-3450-3550	30	10	CP-64QAM	L	Inner_1RB_Left	20.56	20.68	23.63	26.96	30	pass
N77-3450-3550	30	10	CP-64QAM	L	Inner_1RB_Right	20.36	20.57	23.48	26.81	30	pass
N77-3450-3550	30	10	CP-64QAM	L	Outer_Full	20.51	20.68	23.6	26.93	30	pass
N77-3450-3550	30	10	CP-256QAM	L	Inner_1RB_Left	17.38	17.55	20.47	23.8	30	pass
N77-3450-3550	30	10	CP-256QAM	L	Inner_1RB_Right	17.26	17.57	20.43	23.76	30	pass
N77-3450-3550	30	10	CP-256QAM	L	Outer_Full	17.35	17.56	20.46	23.79	30	pass
N77-3450-3550	30	10	CP-QPSK	M	Inner_1RB_Left	22.38	22.49	25.45	28.78	30	pass
N77-3450-3550	30	10	CP-QPSK	M	Inner_1RB_Right	22.33	22.43	25.39	28.72	30	pass
N77-3450-3550	30	10	CP-QPSK	M	Outer_Full	20.82	20.75	23.8	27.13	30	pass
N77-3450-3550	30	10	CP-16QAM	M	Inner_1RB_Left	22.01	21.78	24.91	28.24	30	pass
N77-3450-3550	30	10	CP-16QAM	M	Inner_1RB_Right	21.76	21.78	24.78	28.11	30	pass
N77-3450-3550	30	10	CP-16QAM	M	Outer_Full	20.86	20.77	23.83	27.16	30	pass
N77-3450-3550	30	10	CP-64QAM	M	Inner_1RB_Left	20.5	20.38	23.45	26.78	30	pass
N77-3450-3550	30	10	CP-64QAM	M	Inner_1RB_Right	20.25	20.22	23.25	26.58	30	pass
N77-3450-3550	30	10	CP-64QAM	M	Outer_Full	20.37	20.31	23.35	26.68	30	pass
N77-3450-3550	30	10	CP-256QAM	M	Inner_1RB_Left	17.07	17.2	20.15	23.48	30	pass
N77-3450-3550	30	10	CP-256QAM	M	Inner_1RB_Right	17.09	17.14	20.12	23.45	30	pass
N77-3450-3550	30	10	CP-256QAM	M	Outer_Full	17.09	17.15	20.13	23.46	30	pass
N77-3450-3550	30	10	CP-QPSK	H	Inner_1RB_Left	22.16	22.52	25.36	28.69	30	pass
N77-3450-3550	30	10	CP-QPSK	H	Inner_1RB_Right	22.15	22.51	25.35	28.68	30	pass
N77-3450-3550	30	10	CP-QPSK	H	Outer_Full	20.58	21.06	23.84	27.17	30	pass
N77-3450-3550	30	10	CP-16QAM	H	Inner_1RB_Left	21.7	21.98	24.85	28.18	30	pass
N77-3450-3550	30	10	CP-16QAM	H	Inner_1RB_Right	21.75	22.01	24.89	28.22	30	pass



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N77-3450-3550	30	10	CP-16QAM	H	Outer_Full	20.61	20.95	23.79	27.12	30	pass
N77-3450-3550	30	10	CP-64QAM	H	Inner_1RB_Left	20.12	20.46	23.3	26.63	30	pass
N77-3450-3550	30	10	CP-64QAM	H	Inner_1RB_Right	20.16	20.48	23.33	26.66	30	pass
N77-3450-3550	30	10	CP-64QAM	H	Outer_Full	20.01	20.48	23.26	26.59	30	pass
N77-3450-3550	30	10	CP-256QAM	H	Inner_1RB_Left	16.74	17.39	20.09	23.42	30	pass
N77-3450-3550	30	10	CP-256QAM	H	Inner_1RB_Right	16.85	17.26	20.07	23.4	30	pass
N77-3450-3550	30	10	CP-256QAM	H	Outer_Full	16.78	17.29	20.06	23.39	30	pass
N77-3450-3550	30	15	CP-QPSK	L	Inner_1RB_Left	22.8	23.01	25.92	29.25	30	pass
N77-3450-3550	30	15	CP-QPSK	L	Inner_1RB_Right	22.73	22.91	25.83	29.16	30	pass
N77-3450-3550	30	15	CP-QPSK	L	Outer_Full	21.17	21.4	24.3	27.63	30	pass
N77-3450-3550	30	15	CP-16QAM	L	Inner_1RB_Left	22.43	22.5	25.48	28.81	30	pass
N77-3450-3550	30	15	CP-16QAM	L	Inner_1RB_Right	22.21	22.42	25.33	28.66	30	pass
N77-3450-3550	30	15	CP-16QAM	L	Outer_Full	21.2	21.43	24.33	27.66	30	pass
N77-3450-3550	30	15	CP-64QAM	L	Inner_1RB_Left	20.91	21	23.96	27.29	30	pass
N77-3450-3550	30	15	CP-64QAM	L	Inner_1RB_Right	20.63	20.98	23.82	27.15	30	pass
N77-3450-3550	30	15	CP-64QAM	L	Outer_Full	20.67	20.92	23.81	27.14	30	pass
N77-3450-3550	30	15	CP-256QAM	L	Inner_1RB_Left	17.63	17.71	20.68	24.01	30	pass
N77-3450-3550	30	15	CP-256QAM	L	Inner_1RB_Right	17.31	17.7	20.52	23.85	30	pass
N77-3450-3550	30	15	CP-256QAM	L	Outer_Full	17.46	17.76	20.62	23.95	30	pass
N77-3450-3550	30	15	CP-QPSK	M	Inner_1RB_Left	22.64	22.54	25.6	28.93	30	pass
N77-3450-3550	30	15	CP-QPSK	M	Inner_1RB_Right	22.43	22.44	25.44	28.77	30	pass
N77-3450-3550	30	15	CP-QPSK	M	Outer_Full	20.97	20.93	23.96	27.29	30	pass
N77-3450-3550	30	15	CP-16QAM	M	Inner_1RB_Left	21.82	22.2	25.02	28.35	30	pass
N77-3450-3550	30	15	CP-16QAM	M	Inner_1RB_Right	21.63	22.02	24.84	28.17	30	pass
N77-3450-3550	30	15	CP-16QAM	M	Outer_Full	21.02	20.94	23.99	27.32	30	pass
N77-3450-3550	30	15	CP-64QAM	M	Inner_1RB_Left	20.56	20.03	23.32	26.65	30	pass
N77-3450-3550	30	15	CP-64QAM	M	Inner_1RB_Right	20.23	19.96	23.11	26.44	30	pass
N77-3450-3550	30	15	CP-64QAM	M	Outer_Full	20.49	20.5	23.5	26.83	30	pass
N77-3450-3550	30	15	CP-256QAM	M	Inner_1RB_Left	17.51	17.26	20.4	23.73	30	pass
N77-3450-3550	30	15	CP-256QAM	M	Inner_1RB_Right	17.23	17.28	20.27	23.6	30	pass
N77-3450-3550	30	15	CP-256QAM	M	Outer_Full	17.26	17.23	20.26	23.59	30	pass
N77-3450-3550	30	15	CP-QPSK	H	Inner_1RB_Left	22.42	22.69	25.57	28.9	30	pass
N77-3450-3550	30	15	CP-QPSK	H	Inner_1RB_Right	22.31	22.7	25.52	28.85	30	pass
N77-3450-3550	30	15	CP-QPSK	H	Outer_Full	20.67	21.11	23.9	27.23	30	pass



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N77-3450-3550	30	15	CP-16QAM	H	Inner_1RB_Left	21.54	22.01	24.79	28.12	30	pass
N77-3450-3550	30	15	CP-16QAM	H	Inner_1RB_Right	21.62	22.08	24.87	28.2	30	pass
N77-3450-3550	30	15	CP-16QAM	H	Outer_Full	20.66	21.1	23.89	27.22	30	pass
N77-3450-3550	30	15	CP-64QAM	H	Inner_1RB_Left	20.1	20.14	23.13	26.46	30	pass
N77-3450-3550	30	15	CP-64QAM	H	Inner_1RB_Right	20.02	20.19	23.12	26.45	30	pass
N77-3450-3550	30	15	CP-64QAM	H	Outer_Full	20.12	20.64	23.4	26.73	30	pass
N77-3450-3550	30	15	CP-256QAM	H	Inner_1RB_Left	17.15	17.37	20.27	23.6	30	pass
N77-3450-3550	30	15	CP-256QAM	H	Inner_1RB_Right	17.05	17.44	20.26	23.59	30	pass
N77-3450-3550	30	15	CP-256QAM	H	Outer_Full	16.93	17.41	20.19	23.52	30	pass
N77-3450-3550	30	20	CP-QPSK	L	Inner_1RB_Left	22.65	22.85	25.76	29.09	30	pass
N77-3450-3550	30	20	CP-QPSK	L	Inner_1RB_Right	22.58	22.78	25.69	29.02	30	pass
N77-3450-3550	30	20	CP-QPSK	L	Outer_Full	21.11	21.36	24.25	27.58	30	pass
N77-3450-3550	30	20	CP-16QAM	L	Inner_1RB_Left	21.99	22.75	25.39	28.72	30	pass
N77-3450-3550	30	20	CP-16QAM	L	Inner_1RB_Right	21.92	22.23	25.09	28.42	30	pass
N77-3450-3550	30	20	CP-16QAM	L	Outer_Full	21.07	21.34	24.21	27.54	30	pass
N77-3450-3550	30	20	CP-64QAM	L	Inner_1RB_Left	20.69	20.48	23.6	26.93	30	pass
N77-3450-3550	30	20	CP-64QAM	L	Inner_1RB_Right	20.49	20.23	23.37	26.7	30	pass
N77-3450-3550	30	20	CP-64QAM	L	Outer_Full	20.67	20.95	23.82	27.15	30	pass
N77-3450-3550	30	20	CP-256QAM	L	Inner_1RB_Left	17.64	17.76	20.71	24.04	30	pass
N77-3450-3550	30	20	CP-256QAM	L	Inner_1RB_Right	17.43	17.46	20.45	23.78	30	pass
N77-3450-3550	30	20	CP-256QAM	L	Outer_Full	17.36	17.7	20.55	23.88	30	pass
N77-3450-3550	30	20	CP-QPSK	M	Inner_1RB_Left	22.66	22.71	25.7	29.03	30	pass
N77-3450-3550	30	20	CP-QPSK	M	Inner_1RB_Right	22.42	22.76	25.6	28.93	30	pass
N77-3450-3550	30	20	CP-QPSK	M	Outer_Full	21	20.95	23.99	27.32	30	pass
N77-3450-3550	30	20	CP-16QAM	M	Inner_1RB_Left	22.04	22	25.03	28.36	30	pass
N77-3450-3550	30	20	CP-16QAM	M	Inner_1RB_Right	21.59	22.01	24.82	28.15	30	pass
N77-3450-3550	30	20	CP-16QAM	M	Outer_Full	20.94	20.94	23.95	27.28	30	pass
N77-3450-3550	30	20	CP-64QAM	M	Inner_1RB_Left	20.6	20.02	23.33	26.66	30	pass
N77-3450-3550	30	20	CP-64QAM	M	Inner_1RB_Right	20.27	19.95	23.13	26.46	30	pass
N77-3450-3550	30	20	CP-64QAM	M	Outer_Full	20.55	20.56	23.57	26.9	30	pass
N77-3450-3550	30	20	CP-256QAM	M	Inner_1RB_Left	17.51	17.24	20.39	23.72	30	pass
N77-3450-3550	30	20	CP-256QAM	M	Inner_1RB_Right	17.23	17.26	20.26	23.59	30	pass
N77-3450-3550	30	20	CP-256QAM	M	Outer_Full	17.25	17.27	20.27	23.6	30	pass
N77-3450-3550	30	20	CP-QPSK	H	Inner_1RB_Left	22.23	22.67	25.47	28.8	30	pass



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N77-3450-3550	30	20	CP-QPSK	H	Inner_1RB_Right	22.14	22.84	25.51	28.84	30	pass
N77-3450-3550	30	20	CP-QPSK	H	Outer_Full	20.65	21.06	23.87	27.2	30	pass
N77-3450-3550	30	20	CP-16QAM	H	Inner_1RB_Left	21.6	22.03	24.83	28.16	30	pass
N77-3450-3550	30	20	CP-16QAM	H	Inner_1RB_Right	21.49	22.01	24.77	28.1	30	pass
N77-3450-3550	30	20	CP-16QAM	H	Outer_Full	20.49	21.05	23.79	27.12	30	pass
N77-3450-3550	30	20	CP-64QAM	H	Inner_1RB_Left	20.18	20.15	23.17	26.5	30	pass
N77-3450-3550	30	20	CP-64QAM	H	Inner_1RB_Right	20.05	20.12	23.09	26.42	30	pass
N77-3450-3550	30	20	CP-64QAM	H	Outer_Full	20.11	20.65	23.4	26.73	30	pass
N77-3450-3550	30	20	CP-256QAM	H	Inner_1RB_Left	17.1	17.37	20.25	23.58	30	pass
N77-3450-3550	30	20	CP-256QAM	H	Inner_1RB_Right	17.01	17.39	20.21	23.54	30	pass
N77-3450-3550	30	20	CP-256QAM	H	Outer_Full	16.83	17.43	20.15	23.48	30	pass
N77-3450-3550	30	30	CP-QPSK	L	Inner_1RB_Left	22.94	23.03	26	29.33	30	pass
N77-3450-3550	30	30	CP-QPSK	L	Inner_1RB_Right	22.53	22.61	25.58	28.91	30	pass
N77-3450-3550	30	30	CP-QPSK	L	Outer_Full	21.03	21.22	24.14	27.47	30	pass
N77-3450-3550	30	30	CP-16QAM	L	Inner_1RB_Left	22.21	22.39	25.31	28.64	30	pass
N77-3450-3550	30	30	CP-16QAM	L	Inner_1RB_Right	21.71	21.73	24.73	28.06	30	pass
N77-3450-3550	30	30	CP-16QAM	L	Outer_Full	21.1	21.24	24.18	27.51	30	pass
N77-3450-3550	30	30	CP-64QAM	L	Inner_1RB_Left	20.66	20.63	23.66	26.99	30	pass
N77-3450-3550	30	30	CP-64QAM	L	Inner_1RB_Right	20.32	19.88	23.11	26.44	30	pass
N77-3450-3550	30	30	CP-64QAM	L	Outer_Full	20.56	20.72	23.65	26.98	30	pass
N77-3450-3550	30	30	CP-256QAM	L	Inner_1RB_Left	17.67	17.81	20.75	24.08	30	pass
N77-3450-3550	30	30	CP-256QAM	L	Inner_1RB_Right	17.24	17.23	20.25	23.58	30	pass
N77-3450-3550	30	30	CP-256QAM	L	Outer_Full	17.4	17.59	20.51	23.84	30	pass
N77-3450-3550	30	30	CP-QPSK	M	Inner_1RB_Left	22.73	22.78	25.76	29.09	30	pass
N77-3450-3550	30	30	CP-QPSK	M	Inner_1RB_Right	22.54	23.08	25.83	29.16	30	pass
N77-3450-3550	30	30	CP-QPSK	M	Outer_Full	21.01	21.12	24.08	27.41	30	pass
N77-3450-3550	30	30	CP-16QAM	M	Inner_1RB_Left	22.06	22.24	25.16	28.49	30	pass
N77-3450-3550	30	30	CP-16QAM	M	Inner_1RB_Right	21.66	22.42	25.06	28.39	30	pass
N77-3450-3550	30	30	CP-16QAM	M	Outer_Full	21.02	21.13	24.09	27.42	30	pass
N77-3450-3550	30	30	CP-64QAM	M	Inner_1RB_Left	20.6	20.11	23.37	26.7	30	pass
N77-3450-3550	30	30	CP-64QAM	M	Inner_1RB_Right	20.2	20.27	23.24	26.57	30	pass
N77-3450-3550	30	30	CP-64QAM	M	Outer_Full	20.52	20.61	23.58	26.91	30	pass
N77-3450-3550	30	30	CP-256QAM	M	Inner_1RB_Left	17.58	17.42	20.51	23.84	30	pass
N77-3450-3550	30	30	CP-256QAM	M	Inner_1RB_Right	17.2	17.61	20.42	23.75	30	pass



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N77-3450-3550	30	30	CP-256QAM	M	Outer_Full	17.35	17.47	20.42	23.75	30	pass
N77-3450-3550	30	30	CP-QPSK	H	Inner_1RB_Left	22.61	23.11	25.88	29.21	30	pass
N77-3450-3550	30	30	CP-QPSK	H	Inner_1RB_Right	22.42	22.92	25.69	29.02	30	pass
N77-3450-3550	30	30	CP-QPSK	H	Outer_Full	20.79	21.32	24.07	27.4	30	pass
N77-3450-3550	30	30	CP-16QAM	H	Inner_1RB_Left	21.76	22.73	25.29	28.62	30	pass
N77-3450-3550	30	30	CP-16QAM	H	Inner_1RB_Right	21.37	22.27	24.85	28.18	30	pass
N77-3450-3550	30	30	CP-16QAM	H	Outer_Full	20.82	21.37	24.11	27.44	30	pass
N77-3450-3550	30	30	CP-64QAM	H	Inner_1RB_Left	20.45	20.5	23.48	26.81	30	pass
N77-3450-3550	30	30	CP-64QAM	H	Inner_1RB_Right	20.04	20.18	23.12	26.45	30	pass
N77-3450-3550	30	30	CP-64QAM	H	Outer_Full	20.32	20.83	23.59	26.92	30	pass
N77-3450-3550	30	30	CP-256QAM	H	Inner_1RB_Left	17.26	17.74	20.52	23.85	30	pass
N77-3450-3550	30	30	CP-256QAM	H	Inner_1RB_Right	16.98	17.56	20.29	23.62	30	pass
N77-3450-3550	30	30	CP-256QAM	H	Outer_Full	17.16	17.67	20.43	23.76	30	pass
N77-3450-3550	30	40	CP-QPSK	L	Inner_1RB_Left	22.94	23.02	25.99	29.32	30	pass
N77-3450-3550	30	40	CP-QPSK	L	Inner_1RB_Right	22.66	22.65	25.67	29	30	pass
N77-3450-3550	30	40	CP-QPSK	L	Outer_Full	21.21	21.16	24.19	27.52	30	pass
N77-3450-3550	30	40	CP-16QAM	L	Inner_1RB_Left	22.07	22.5	25.3	28.63	30	pass
N77-3450-3550	30	40	CP-16QAM	L	Inner_1RB_Right	21.94	22.38	25.18	28.51	30	pass
N77-3450-3550	30	40	CP-16QAM	L	Outer_Full	21.11	21.19	24.16	27.49	30	pass
N77-3450-3550	30	40	CP-64QAM	L	Inner_1RB_Left	20.76	20.58	23.68	27.01	30	pass
N77-3450-3550	30	40	CP-64QAM	L	Inner_1RB_Right	20.55	20.23	23.41	26.74	30	pass
N77-3450-3550	30	40	CP-64QAM	L	Outer_Full	20.6	20.69	23.65	26.98	30	pass
N77-3450-3550	30	40	CP-256QAM	L	Inner_1RB_Left	17.76	17.73	20.76	24.09	30	pass
N77-3450-3550	30	40	CP-256QAM	L	Inner_1RB_Right	17.56	17.4	20.49	23.82	30	pass
N77-3450-3550	30	40	CP-256QAM	L	Outer_Full	17.41	17.56	20.5	23.83	30	pass
N77-3450-3550	30	40	CP-QPSK	M	Inner_1RB_Left	22.66	22.72	25.7	29.03	30	pass
N77-3450-3550	30	40	CP-QPSK	M	Inner_1RB_Right	22.6	23.05	25.84	29.17	30	pass
N77-3450-3550	30	40	CP-QPSK	M	Outer_Full	21.02	21.16	24.1	27.43	30	pass
N77-3450-3550	30	40	CP-16QAM	M	Inner_1RB_Left	21.98	22.16	25.08	28.41	30	pass
N77-3450-3550	30	40	CP-16QAM	M	Inner_1RB_Right	21.94	22.35	25.16	28.49	30	pass
N77-3450-3550	30	40	CP-16QAM	M	Outer_Full	21.08	21.16	24.13	27.46	30	pass
N77-3450-3550	30	40	CP-64QAM	M	Inner_1RB_Left	20.57	20.01	23.31	26.64	30	pass
N77-3450-3550	30	40	CP-64QAM	M	Inner_1RB_Right	20.39	20.57	23.49	26.82	30	pass
N77-3450-3550	30	40	CP-64QAM	M	Outer_Full	20.58	20.65	23.63	26.96	30	pass



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N77-3450-3550	30	40	CP-256QAM	M	Inner_1RB_Left	17.54	17.25	20.41	23.74	30	pass
N77-3450-3550	30	40	CP-256QAM	M	Inner_1RB_Right	17.34	17.78	20.57	23.9	30	pass
N77-3450-3550	30	40	CP-256QAM	M	Outer_Full	17.37	17.57	20.48	23.81	30	pass
N77-3450-3550	30	40	CP-QPSK	H	Inner_1RB_Left	22.57	22.87	25.73	29.06	30	pass
N77-3450-3550	30	40	CP-QPSK	H	Inner_1RB_Right	22.3	22.61	25.47	28.8	30	pass
N77-3450-3550	30	40	CP-QPSK	H	Outer_Full	20.85	21.35	24.12	27.45	30	pass
N77-3450-3550	30	40	CP-16QAM	H	Inner_1RB_Left	21.76	22.14	24.96	28.29	30	pass
N77-3450-3550	30	40	CP-16QAM	H	Inner_1RB_Right	21.61	22.2	24.93	28.26	30	pass
N77-3450-3550	30	40	CP-16QAM	H	Outer_Full	20.91	21.41	24.18	27.51	30	pass
N77-3450-3550	30	40	CP-64QAM	H	Inner_1RB_Left	20.28	20.35	23.33	26.66	30	pass
N77-3450-3550	30	40	CP-64QAM	H	Inner_1RB_Right	20.12	20.27	23.21	26.54	30	pass
N77-3450-3550	30	40	CP-64QAM	H	Outer_Full	20.37	20.89	23.65	26.98	30	pass
N77-3450-3550	30	40	CP-256QAM	H	Inner_1RB_Left	17.23	17.5	20.38	23.71	30	pass
N77-3450-3550	30	40	CP-256QAM	H	Inner_1RB_Right	17.13	17.53	20.35	23.68	30	pass
N77-3450-3550	30	40	CP-256QAM	H	Outer_Full	17.16	17.74	20.47	23.8	30	pass
N77-3450-3550	30	50	CP-QPSK	L	Inner_1RB_Left	22.61	23.11	25.88	29.21	30	pass
N77-3450-3550	30	50	CP-QPSK	L	Inner_1RB_Right	22.39	22.45	25.43	28.76	30	pass
N77-3450-3550	30	50	CP-QPSK	L	Outer_Full	21	20.92	23.97	27.3	30	pass
N77-3450-3550	30	50	CP-16QAM	L	Inner_1RB_Left	22.17	22.31	25.25	28.58	30	pass
N77-3450-3550	30	50	CP-16QAM	L	Inner_1RB_Right	21.61	21.92	24.78	28.11	30	pass
N77-3450-3550	30	50	CP-16QAM	L	Outer_Full	21.03	20.96	24.01	27.34	30	pass
N77-3450-3550	30	50	CP-64QAM	L	Inner_1RB_Left	20.65	20.48	23.57	26.9	30	pass
N77-3450-3550	30	50	CP-64QAM	L	Inner_1RB_Right	20.19	19.89	23.05	26.38	30	pass
N77-3450-3550	30	50	CP-64QAM	L	Outer_Full	20.49	20.41	23.46	26.79	30	pass
N77-3450-3550	30	50	CP-256QAM	L	Inner_1RB_Left	17.61	17.66	20.64	23.97	30	pass
N77-3450-3550	30	50	CP-256QAM	L	Inner_1RB_Right	17.08	17.16	20.13	23.46	30	pass
N77-3450-3550	30	50	CP-256QAM	L	Outer_Full	17.31	17.32	20.33	23.66	30	pass
N77-3450-3550	30	50	CP-QPSK	M	Inner_1RB_Left	22.52	22.44	25.49	28.82	30	pass
N77-3450-3550	30	50	CP-QPSK	M	Inner_1RB_Right	22.21	22.93	25.6	28.93	30	pass
N77-3450-3550	30	50	CP-QPSK	M	Outer_Full	20.85	20.98	23.93	27.26	30	pass
N77-3450-3550	30	50	CP-16QAM	M	Inner_1RB_Left	21.74	22.08	24.93	28.26	30	pass
N77-3450-3550	30	50	CP-16QAM	M	Inner_1RB_Right	21.68	22.19	24.95	28.28	30	pass
N77-3450-3550	30	50	CP-16QAM	M	Outer_Full	20.87	20.99	23.94	27.27	30	pass
N77-3450-3550	30	50	CP-64QAM	M	Inner_1RB_Left	20.33	19.82	23.09	26.42	30	pass



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N77-3450-3550	30	50	CP-64QAM	M	Inner_1RB_Right	20.12	20.16	23.15	26.48	30	pass
N77-3450-3550	30	50	CP-64QAM	M	Outer_Full	20.36	20.44	23.41	26.74	30	pass
N77-3450-3550	30	50	CP-256QAM	M	Inner_1RB_Left	17.29	17.03	20.17	23.5	30	pass
N77-3450-3550	30	50	CP-256QAM	M	Inner_1RB_Right	17.13	17.43	20.29	23.62	30	pass
N77-3450-3550	30	50	CP-256QAM	M	Outer_Full	17.13	17.27	20.21	23.54	30	pass
N77-3450-3550	30	50	CP-QPSK	H	Inner_1RB_Left	22.44	22.6	25.53	28.86	30	pass
N77-3450-3550	30	50	CP-QPSK	H	Inner_1RB_Right	21.89	22.59	25.26	28.59	30	pass
N77-3450-3550	30	50	CP-QPSK	H	Outer_Full	20.7	20.97	23.85	27.18	30	pass
N77-3450-3550	30	50	CP-16QAM	H	Inner_1RB_Left	21.58	21.98	24.79	28.12	30	pass
N77-3450-3550	30	50	CP-16QAM	H	Inner_1RB_Right	21.24	21.73	24.5	27.83	30	pass
N77-3450-3550	30	50	CP-16QAM	H	Outer_Full	20.77	20.97	23.88	27.21	30	pass
N77-3450-3550	30	50	CP-64QAM	H	Inner_1RB_Left	20.3	19.92	23.12	26.45	30	pass
N77-3450-3550	30	50	CP-64QAM	H	Inner_1RB_Right	19.79	19.87	22.84	26.17	30	pass
N77-3450-3550	30	50	CP-64QAM	H	Outer_Full	20.21	20.44	23.34	26.67	30	pass
N77-3450-3550	30	50	CP-256QAM	H	Inner_1RB_Left	17.24	17.15	20.21	23.54	30	pass
N77-3450-3550	30	50	CP-256QAM	H	Inner_1RB_Right	16.76	17.02	19.9	23.23	30	pass
N77-3450-3550	30	50	CP-256QAM	H	Outer_Full	16.96	17.31	20.15	23.48	30	pass
N77-3450-3550	30	60	CP-QPSK	L	Inner_1RB_Left	22.79	22.83	25.82	29.15	30	pass
N77-3450-3550	30	60	CP-QPSK	L	Inner_1RB_Right	22.24	22.37	25.32	28.65	30	pass
N77-3450-3550	30	60	CP-QPSK	L	Outer_Full	20.97	21.09	24.04	27.37	30	pass
N77-3450-3550	30	60	CP-16QAM	L	Inner_1RB_Left	21.76	22.43	25.12	28.45	30	pass
N77-3450-3550	30	60	CP-16QAM	L	Inner_1RB_Right	21.48	21.98	24.75	28.08	30	pass
N77-3450-3550	30	60	CP-16QAM	L	Outer_Full	21.01	21.1	24.07	27.4	30	pass
N77-3450-3550	30	60	CP-64QAM	L	Inner_1RB_Left	20.64	20.35	23.51	26.84	30	pass
N77-3450-3550	30	60	CP-64QAM	L	Inner_1RB_Right	20.01	19.93	22.98	26.31	30	pass
N77-3450-3550	30	60	CP-64QAM	L	Outer_Full	20.53	20.57	23.56	26.89	30	pass
N77-3450-3550	30	60	CP-256QAM	L	Inner_1RB_Left	17.6	17.64	20.63	23.96	30	pass
N77-3450-3550	30	60	CP-256QAM	L	Inner_1RB_Right	16.95	17.24	20.11	23.44	30	pass
N77-3450-3550	30	60	CP-256QAM	L	Outer_Full	17.26	17.35	20.32	23.65	30	pass
N77-3450-3550	30	60	CP-QPSK	M	Inner_1RB_Left	22.51	22.56	25.54	28.87	30	pass
N77-3450-3550	30	60	CP-QPSK	M	Inner_1RB_Right	22.23	22.43	25.34	28.67	30	pass
N77-3450-3550	30	60	CP-QPSK	M	Outer_Full	20.8	21.02	23.92	27.25	30	pass
N77-3450-3550	30	60	CP-16QAM	M	Inner_1RB_Left	21.86	21.91	24.89	28.22	30	pass
N77-3450-3550	30	60	CP-16QAM	M	Inner_1RB_Right	21.38	22.2	24.82	28.15	30	pass



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N77-3450-3550	30	60	CP-16QAM	M	Outer_Full	20.85	21.01	23.94	27.27	30	pass
N77-3450-3550	30	60	CP-64QAM	M	Inner_1RB_Left	20.38	19.99	23.2	26.53	30	pass
N77-3450-3550	30	60	CP-64QAM	M	Inner_1RB_Right	20.11	20.14	23.14	26.47	30	pass
N77-3450-3550	30	60	CP-64QAM	M	Outer_Full	20.42	20.55	23.5	26.83	30	pass
N77-3450-3550	30	60	CP-256QAM	M	Inner_1RB_Left	17.25	17.16	20.22	23.55	30	pass
N77-3450-3550	30	60	CP-256QAM	M	Inner_1RB_Right	17.11	17.35	20.24	23.57	30	pass
N77-3450-3550	30	60	CP-256QAM	M	Outer_Full	17.2	17.32	20.27	23.6	30	pass
N77-3450-3550	30	60	CP-QPSK	H	Inner_1RB_Left	22.64	22.42	25.54	28.87	30	pass
N77-3450-3550	30	60	CP-QPSK	H	Inner_1RB_Right	22.13	22.55	25.35	28.68	30	pass
N77-3450-3550	30	60	CP-QPSK	H	Outer_Full	20.91	20.96	23.94	27.27	30	pass
N77-3450-3550	30	60	CP-16QAM	H	Inner_1RB_Left	21.9	22.02	24.97	28.3	30	pass
N77-3450-3550	30	60	CP-16QAM	H	Inner_1RB_Right	21.41	21.92	24.68	28.01	30	pass
N77-3450-3550	30	60	CP-16QAM	H	Outer_Full	20.93	21	23.97	27.3	30	pass
N77-3450-3550	30	60	CP-64QAM	H	Inner_1RB_Left	20.53	19.99	23.28	26.61	30	pass
N77-3450-3550	30	60	CP-64QAM	H	Inner_1RB_Right	19.94	19.9	22.93	26.26	30	pass
N77-3450-3550	30	60	CP-64QAM	H	Outer_Full	20.33	20.48	23.41	26.74	30	pass
N77-3450-3550	30	60	CP-256QAM	H	Inner_1RB_Left	17.53	17.18	20.37	23.7	30	pass
N77-3450-3550	30	60	CP-256QAM	H	Inner_1RB_Right	16.9	17.12	20.02	23.35	30	pass
N77-3450-3550	30	60	CP-256QAM	H	Outer_Full	17.1	17.31	20.22	23.55	30	pass
N77-3450-3550	30	70	CP-QPSK	L	Inner_1RB_Left	22.71	22.88	25.8	29.13	30	pass
N77-3450-3550	30	70	CP-QPSK	L	Inner_1RB_Right	22.27	22.78	25.54	28.87	30	pass
N77-3450-3550	30	70	CP-QPSK	L	Outer_Full	20.9	20.88	23.9	27.23	30	pass
N77-3450-3550	30	70	CP-16QAM	L	Inner_1RB_Left	21.88	22.28	25.1	28.43	30	pass
N77-3450-3550	30	70	CP-16QAM	L	Inner_1RB_Right	21.53	21.94	24.75	28.08	30	pass
N77-3450-3550	30	70	CP-16QAM	L	Outer_Full	20.92	20.91	23.92	27.25	30	pass
N77-3450-3550	30	70	CP-64QAM	L	Inner_1RB_Left	20.57	20.21	23.41	26.74	30	pass
N77-3450-3550	30	70	CP-64QAM	L	Inner_1RB_Right	19.83	20.01	22.94	26.27	30	pass
N77-3450-3550	30	70	CP-64QAM	L	Outer_Full	20.34	20.3	23.33	26.66	30	pass
N77-3450-3550	30	70	CP-256QAM	L	Inner_1RB_Left	17.53	17.43	20.49	23.82	30	pass
N77-3450-3550	30	70	CP-256QAM	L	Inner_1RB_Right	16.88	17.21	20.06	23.39	30	pass
N77-3450-3550	30	70	CP-256QAM	L	Outer_Full	17.15	17.25	20.21	23.54	30	pass
N77-3450-3550	30	70	CP-QPSK	M	Inner_1RB_Left	22.65	22.59	25.63	28.96	30	pass
N77-3450-3550	30	70	CP-QPSK	M	Inner_1RB_Right	22.17	22.65	25.43	28.76	30	pass
N77-3450-3550	30	70	CP-QPSK	M	Outer_Full	20.73	20.93	23.84	27.17	30	pass



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N77-3450-3550	30	70	CP-16QAM	M	Inner_1RB_Left	21.63	21.97	24.81	28.14	30	pass
N77-3450-3550	30	70	CP-16QAM	M	Inner_1RB_Right	21.22	21.82	24.54	27.87	30	pass
N77-3450-3550	30	70	CP-16QAM	M	Outer_Full	20.77	20.92	23.85	27.18	30	pass
N77-3450-3550	30	70	CP-64QAM	M	Inner_1RB_Left	20.25	20	23.14	26.47	30	pass
N77-3450-3550	30	70	CP-64QAM	M	Inner_1RB_Right	19.92	19.97	22.96	26.29	30	pass
N77-3450-3550	30	70	CP-64QAM	M	Outer_Full	20.27	20.41	23.35	26.68	30	pass
N77-3450-3550	30	70	CP-256QAM	M	Inner_1RB_Left	17.26	17.26	20.27	23.6	30	pass
N77-3450-3550	30	70	CP-256QAM	M	Inner_1RB_Right	16.88	17.22	20.06	23.39	30	pass
N77-3450-3550	30	70	CP-256QAM	M	Outer_Full	16.99	17.27	20.14	23.47	30	pass
N77-3450-3550	30	70	CP-QPSK	H	Inner_1RB_Left	22.35	22.35	25.36	28.69	30	pass
N77-3450-3550	30	70	CP-QPSK	H	Inner_1RB_Right	21.98	22.37	25.19	28.52	30	pass
N77-3450-3550	30	70	CP-QPSK	H	Outer_Full	20.71	20.94	23.84	27.17	30	pass
N77-3450-3550	30	70	CP-16QAM	H	Inner_1RB_Left	21.62	21.63	24.64	27.97	30	pass
N77-3450-3550	30	70	CP-16QAM	H	Inner_1RB_Right	21.12	21.88	24.53	27.86	30	pass
N77-3450-3550	30	70	CP-16QAM	H	Outer_Full	20.63	20.83	23.74	27.07	30	pass
N77-3450-3550	30	70	CP-64QAM	H	Inner_1RB_Left	20.26	19.78	23.04	26.37	30	pass
N77-3450-3550	30	70	CP-64QAM	H	Inner_1RB_Right	19.65	19.79	22.73	26.06	30	pass
N77-3450-3550	30	70	CP-64QAM	H	Outer_Full	20.16	20.32	23.25	26.58	30	pass
N77-3450-3550	30	70	CP-256QAM	H	Inner_1RB_Left	17.14	16.91	20.04	23.37	30	pass
N77-3450-3550	30	70	CP-256QAM	H	Inner_1RB_Right	16.74	17.01	19.89	23.22	30	pass
N77-3450-3550	30	70	CP-256QAM	H	Outer_Full	16.94	17.15	20.06	23.39	30	pass
N77-3450-3550	30	80	CP-QPSK	L	Inner_1RB_Left	22.66	22.64	25.66	28.99	30	pass
N77-3450-3550	30	80	CP-QPSK	L	Inner_1RB_Right	22.18	22.65	25.43	28.76	30	pass
N77-3450-3550	30	80	CP-QPSK	L	Outer_Full	20.84	20.88	23.87	27.2	30	pass
N77-3450-3550	30	80	CP-16QAM	L	Inner_1RB_Left	21.73	22.19	24.98	28.31	30	pass
N77-3450-3550	30	80	CP-16QAM	L	Inner_1RB_Right	21.6	21.96	24.79	28.12	30	pass
N77-3450-3550	30	80	CP-16QAM	L	Outer_Full	20.92	20.9	23.92	27.25	30	pass
N77-3450-3550	30	80	CP-64QAM	L	Inner_1RB_Left	20.64	20.21	23.44	26.77	30	pass
N77-3450-3550	30	80	CP-64QAM	L	Inner_1RB_Right	20.02	19.99	23.02	26.35	30	pass
N77-3450-3550	30	80	CP-64QAM	L	Outer_Full	20.39	20.43	23.42	26.75	30	pass
N77-3450-3550	30	80	CP-256QAM	L	Inner_1RB_Left	17.48	17.42	20.46	23.79	30	pass
N77-3450-3550	30	80	CP-256QAM	L	Inner_1RB_Right	17.08	17.22	20.16	23.49	30	pass
N77-3450-3550	30	80	CP-256QAM	L	Outer_Full	17.16	17.26	20.22	23.55	30	pass
N77-3450-3550	30	80	CP-QPSK	M	Inner_1RB_Left	22.63	22.6	25.62	28.95	30	pass



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N77-3450-3550	30	80	CP-QPSK	M	Inner_1RB_Right	22	22.4	25.21	28.54	30	pass
N77-3450-3550	30	80	CP-QPSK	M	Outer_Full	20.73	20.88	23.82	27.15	30	pass
N77-3450-3550	30	80	CP-16QAM	M	Inner_1RB_Left	21.81	22.33	25.08	28.41	30	pass
N77-3450-3550	30	80	CP-16QAM	M	Inner_1RB_Right	21.05	21.85	24.48	27.81	30	pass
N77-3450-3550	30	80	CP-16QAM	M	Outer_Full	20.76	20.85	23.82	27.15	30	pass
N77-3450-3550	30	80	CP-64QAM	M	Inner_1RB_Left	20.36	20.15	23.27	26.6	30	pass
N77-3450-3550	30	80	CP-64QAM	M	Inner_1RB_Right	19.77	19.96	22.88	26.21	30	pass
N77-3450-3550	30	80	CP-64QAM	M	Outer_Full	20.21	20.41	23.32	26.65	30	pass
N77-3450-3550	30	80	CP-256QAM	M	Inner_1RB_Left	17.33	17.36	20.35	23.68	30	pass
N77-3450-3550	30	80	CP-256QAM	M	Inner_1RB_Right	16.77	17.25	20.03	23.36	30	pass
N77-3450-3550	30	80	CP-256QAM	M	Outer_Full	17.02	17.23	20.14	23.47	30	pass
N77-3450-3550	30	80	CP-QPSK	H	Inner_1RB_Left	22.38	22.57	25.49	28.82	30	pass
N77-3450-3550	30	80	CP-QPSK	H	Inner_1RB_Right	21.96	22.48	25.24	28.57	30	pass
N77-3450-3550	30	80	CP-QPSK	H	Outer_Full	20.66	20.82	23.75	27.08	30	pass
N77-3450-3550	30	80	CP-16QAM	H	Inner_1RB_Left	21.72	21.83	24.79	28.12	30	pass
N77-3450-3550	30	80	CP-16QAM	H	Inner_1RB_Right	21.25	21.62	24.45	27.78	30	pass
N77-3450-3550	30	80	CP-16QAM	H	Outer_Full	20.69	20.79	23.75	27.08	30	pass
N77-3450-3550	30	80	CP-64QAM	H	Inner_1RB_Left	20.22	19.81	23.03	26.36	30	pass
N77-3450-3550	30	80	CP-64QAM	H	Inner_1RB_Right	19.79	19.93	22.87	26.2	30	pass
N77-3450-3550	30	80	CP-64QAM	H	Outer_Full	20.18	20.39	23.3	26.63	30	pass
N77-3450-3550	30	80	CP-256QAM	H	Inner_1RB_Left	17.17	17.04	20.12	23.45	30	pass
N77-3450-3550	30	80	CP-256QAM	H	Inner_1RB_Right	16.75	17.07	19.92	23.25	30	pass
N77-3450-3550	30	80	CP-256QAM	H	Outer_Full	16.98	17.19	20.09	23.42	30	pass
N77-3450-3550	30	90	CP-QPSK	L	Inner_1RB_Left	22.67	22.67	25.68	29.01	30	pass
N77-3450-3550	30	90	CP-QPSK	L	Inner_1RB_Right	22.04	22.64	25.36	28.69	30	pass
N77-3450-3550	30	90	CP-QPSK	L	Outer_Full	20.84	20.91	23.88	27.21	30	pass
N77-3450-3550	30	90	CP-16QAM	L	Inner_1RB_Left	21.96	22.23	25.11	28.44	30	pass
N77-3450-3550	30	90	CP-16QAM	L	Inner_1RB_Right	21.46	22.04	24.77	28.1	30	pass
N77-3450-3550	30	90	CP-16QAM	L	Outer_Full	20.96	20.89	23.93	27.26	30	pass
N77-3450-3550	30	90	CP-64QAM	L	Inner_1RB_Left	20.63	20.25	23.45	26.78	30	pass
N77-3450-3550	30	90	CP-64QAM	L	Inner_1RB_Right	19.96	20.09	23.04	26.37	30	pass
N77-3450-3550	30	90	CP-64QAM	L	Outer_Full	20.37	20.43	23.41	26.74	30	pass
N77-3450-3550	30	90	CP-256QAM	L	Inner_1RB_Left	17.54	17.48	20.52	23.85	30	pass
N77-3450-3550	30	90	CP-256QAM	L	Inner_1RB_Right	16.88	17.27	20.09	23.42	30	pass



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N77-3450-3550	30	90	CP-256QAM	L	Outer_Full	17.17	17.27	20.23	23.56	30	pass
N77-3450-3550	30	90	CP-QPSK	M	Inner_1RB_Left	22.56	22.71	25.65	28.98	30	pass
N77-3450-3550	30	90	CP-QPSK	M	Inner_1RB_Right	21.96	22.51	25.25	28.58	30	pass
N77-3450-3550	30	90	CP-QPSK	M	Outer_Full	20.75	20.95	23.86	27.19	30	pass
N77-3450-3550	30	90	CP-16QAM	M	Inner_1RB_Left	21.88	22.08	24.99	28.32	30	pass
N77-3450-3550	30	90	CP-16QAM	M	Inner_1RB_Right	21.31	21.87	24.61	27.94	30	pass
N77-3450-3550	30	90	CP-16QAM	M	Outer_Full	20.79	20.99	23.9	27.23	30	pass
N77-3450-3550	30	90	CP-64QAM	M	Inner_1RB_Left	20.51	20.21	23.37	26.7	30	pass
N77-3450-3550	30	90	CP-64QAM	M	Inner_1RB_Right	19.8	20.05	22.94	26.27	30	pass
N77-3450-3550	30	90	CP-64QAM	M	Outer_Full	20.24	20.44	23.35	26.68	30	pass
N77-3450-3550	30	90	CP-256QAM	M	Inner_1RB_Left	17.41	17.45	20.44	23.77	30	pass
N77-3450-3550	30	90	CP-256QAM	M	Inner_1RB_Right	16.74	17.36	20.07	23.4	30	pass
N77-3450-3550	30	90	CP-256QAM	M	Outer_Full	17.06	17.3	20.19	23.52	30	pass
N77-3450-3550	30	90	CP-QPSK	H	Inner_1RB_Left	22.58	22.96	25.78	29.11	30	pass
N77-3450-3550	30	90	CP-QPSK	H	Inner_1RB_Right	21.91	22.66	25.31	28.64	30	pass
N77-3450-3550	30	90	CP-QPSK	H	Outer_Full	20.72	20.9	23.82	27.15	30	pass
N77-3450-3550	30	90	CP-16QAM	H	Inner_1RB_Left	21.74	22.03	24.9	28.23	30	pass
N77-3450-3550	30	90	CP-16QAM	H	Inner_1RB_Right	21.18	22.12	24.68	28.01	30	pass
N77-3450-3550	30	90	CP-16QAM	H	Outer_Full	20.72	20.89	23.82	27.15	30	pass
N77-3450-3550	30	90	CP-64QAM	H	Inner_1RB_Left	20.39	20.19	23.3	26.63	30	pass
N77-3450-3550	30	90	CP-64QAM	H	Inner_1RB_Right	19.8	19.93	22.88	26.21	30	pass
N77-3450-3550	30	90	CP-64QAM	H	Outer_Full	20.23	20.44	23.35	26.68	30	pass
N77-3450-3550	30	90	CP-256QAM	H	Inner_1RB_Left	17.36	17.37	20.37	23.7	30	pass
N77-3450-3550	30	90	CP-256QAM	H	Inner_1RB_Right	16.75	17.16	19.97	23.3	30	pass
N77-3450-3550	30	90	CP-256QAM	H	Outer_Full	17.01	17.25	20.14	23.47	30	pass
N77-3450-3550	30	100	CP-QPSK	L	Inner_1RB_Left	22.75	22.64	25.7	29.03	30	pass
N77-3450-3550	30	100	CP-QPSK	L	Inner_1RB_Right	22.04	22.62	25.35	28.68	30	pass
N77-3450-3550	30	100	CP-QPSK	L	Outer_Full	20.8	21	23.91	27.24	30	pass
N77-3450-3550	30	100	CP-16QAM	L	Inner_1RB_Left	21.83	22.28	25.07	28.4	30	pass
N77-3450-3550	30	100	CP-16QAM	L	Inner_1RB_Right	21.39	22.16	24.8	28.13	30	pass
N77-3450-3550	30	100	CP-16QAM	L	Outer_Full	20.83	21.01	23.93	27.26	30	pass
N77-3450-3550	30	100	CP-64QAM	L	Inner_1RB_Left	20.43	20.15	23.31	26.64	30	pass
N77-3450-3550	30	100	CP-64QAM	L	Inner_1RB_Right	19.8	20.15	22.99	26.32	30	pass
N77-3450-3550	30	100	CP-64QAM	L	Outer_Full	20.23	20.51	23.38	26.71	30	pass



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N77-3450-3550	30	100	CP-256QAM	L	Inner_1RB_Left	17.38	17.41	20.41	23.74	30	pass
N77-3450-3550	30	100	CP-256QAM	L	Inner_1RB_Right	16.81	17.3	20.08	23.41	30	pass
N77-3450-3550	30	100	CP-256QAM	L	Outer_Full	16.96	17.39	20.19	23.52	30	pass
N77-3450-3550	30	100	CP-QPSK	M	Inner_1RB_Left	22.52	22.83	25.69	29.02	30	pass
N77-3450-3550	30	100	CP-QPSK	M	Inner_1RB_Right	22.06	22.73	25.42	28.75	30	pass
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	20.71	20.99	23.86	27.19	30	pass
N77-3450-3550	30	100	CP-16QAM	M	Inner_1RB_Left	21.83	22.29	25.08	28.41	30	pass
N77-3450-3550	30	100	CP-16QAM	M	Inner_1RB_Right	21.36	22.26	24.84	28.17	30	pass
N77-3450-3550	30	100	CP-16QAM	M	Outer_Full	20.73	21.04	23.9	27.23	30	pass
N77-3450-3550	30	100	CP-64QAM	M	Inner_1RB_Left	20.42	20.18	23.31	26.64	30	pass
N77-3450-3550	30	100	CP-64QAM	M	Inner_1RB_Right	19.91	20.12	23.03	26.36	30	pass
N77-3450-3550	30	100	CP-64QAM	M	Outer_Full	20.17	20.53	23.36	26.69	30	pass
N77-3450-3550	30	100	CP-256QAM	M	Inner_1RB_Left	17.4	17.44	20.43	23.76	30	pass
N77-3450-3550	30	100	CP-256QAM	M	Inner_1RB_Right	16.86	17.29	20.09	23.42	30	pass
N77-3450-3550	30	100	CP-256QAM	M	Outer_Full	16.92	17.43	20.19	23.52	30	pass
N77-3450-3550	30	100	CP-QPSK	H	Inner_1RB_Left	22.6	22.95	25.79	29.12	30	pass
N77-3450-3550	30	100	CP-QPSK	H	Inner_1RB_Right	22.09	22.56	25.34	28.67	30	pass
N77-3450-3550	30	100	CP-QPSK	H	Outer_Full	20.72	21.04	23.9	27.23	30	pass
N77-3450-3550	30	100	CP-16QAM	H	Inner_1RB_Left	21.81	22.14	24.98	28.31	30	pass
N77-3450-3550	30	100	CP-16QAM	H	Inner_1RB_Right	21.29	22.28	24.83	28.16	30	pass
N77-3450-3550	30	100	CP-16QAM	H	Outer_Full	20.71	21.02	23.88	27.21	30	pass
N77-3450-3550	30	100	CP-64QAM	H	Inner_1RB_Left	20.46	20.33	23.4	26.73	30	pass
N77-3450-3550	30	100	CP-64QAM	H	Inner_1RB_Right	19.97	20.2	23.1	26.43	30	pass
N77-3450-3550	30	100	CP-64QAM	H	Outer_Full	20.22	20.52	23.38	26.71	30	pass
N77-3450-3550	30	100	CP-256QAM	H	Inner_1RB_Left	17.29	17.37	20.34	23.67	30	pass
N77-3450-3550	30	100	CP-256QAM	H	Inner_1RB_Right	16.86	17.29	20.09	23.42	30	pass
N77-3450-3550	30	100	CP-256QAM	H	Outer_Full	16.93	17.35	20.15	23.48	30	pass



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Field Strength of Spurious Radiation

Test Band = 5G NR SA n77_ TM1
Test Channel = Low 3450-3550

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6810.1800	41.54	-43.61	35.85	-61.48	-13.00	48.48	245	0	Horizontal
2	8854.625	39.96	-41.01	38.11	-58.20	-13.00	45.20	152	30	Horizontal
3	9404.325	39.49	-39.92	38.49	-57.20	-13.00	44.20	136	3	Horizontal
4	10215.2700	35.85	-39.23	38.81	-59.83	-13.00	46.83	259	357	Horizontal
5	13620.3600	32.96	-36.03	40.13	-58.20	-13.00	45.20	196	347	Horizontal
6	17025.4500	34.16	-33.71	38.51	-56.30	-13.00	43.30	175	1	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6810.1800	41.12	-43.61	35.85	-61.90	-13.00	48.90	211	211	Vertical
2	7751.2	42.08	-42.76	36.68	-59.26	-13.00	46.26	145	30	Vertical
3	8864.4	40.12	-40.99	38.12	-58.01	-13.00	45.01	128	356	Vertical
4	10215.2700	35.54	-39.23	38.81	-60.14	-13.00	47.14	196	59	Vertical
5	13620.3600	33.25	-36.03	40.13	-57.91	-13.00	44.91	135	104	Vertical
6	17025.4500	34.05	-33.71	38.51	-56.41	-13.00	43.41	206	151	Vertical



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Test Band = 5G NR SA n77_ TM1
Test Channel = Mid 3450-3550
Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6910.1800	40.87	-43.80	35.97	-62.22	-13.00	49.22	248	286	Horizontal
2	7969.125	41.35	-42.32	36.97	-59.25	-13.00	46.25	175	226	Horizontal
3	9328.425	39.38	-40.03	38.44	-57.47	-13.00	44.47	196	0	Horizontal
4	10365.2700	35.68	-38.81	38.85	-59.53	-13.00	46.53	142	0	Horizontal
5	13820.3600	33.15	-36.11	39.98	-58.24	-13.00	45.24	136	210	Horizontal
6	17275.4500	34.38	-35.16	38.70	-57.33	-13.00	44.33	259	270	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6910.1800	40.73	-43.80	35.97	-62.36	-13.00	49.36	177	0	Vertical
2	7401.6	47.62	-42.80	36.49	-53.95	-13.00	40.95	122	331	Vertical
3	8354.95	42.16	-41.60	37.27	-57.42	-13.00	44.42	236	28	Vertical
4	10365.2700	35.43	-38.81	38.85	-59.78	-13.00	46.78	254	28	Vertical
5	13820.3600	32.86	-36.11	39.98	-58.53	-13.00	45.53	159	16	Vertical
6	17275.4500	34.13	-35.16	38.70	-57.58	-13.00	44.58	189	179	Vertical



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Test Band = 5G NR SA n77_ TM1
Test Channel = High 3450-3550
Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7010.1800	40.76	-43.06	36.11	-61.45	-13.00	48.45	215	0	Horizontal
2	8327.35	40.77	-41.73	37.24	-58.98	-13.00	45.98	142	63	Horizontal
3	9319.8	38.77	-40.04	38.43	-58.10	-13.00	45.10	185	121	Horizontal
4	10515.2700	34.88	-38.64	38.98	-60.05	-13.00	47.05	141	92	Horizontal
5	14020.3600	31.79	-35.04	40.15	-58.36	-13.00	45.36	136	356	Horizontal
6	17525.4500	32.85	-33.81	39.28	-56.94	-13.00	43.94	261	18	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7010.1800	40.99	-43.06	36.11	-61.22	-13.00	48.22	255	0	Vertical
2	7786.275	41.79	-42.63	36.75	-59.35	-13.00	46.35	145	0	Vertical
3	9270.925	39.16	-40.04	38.39	-57.74	-13.00	44.74	126	178	Vertical
4	10515.2700	35.49	-38.64	38.98	-59.44	-13.00	46.44	135	239	Vertical
5	14020.3600	32.66	-35.04	40.15	-57.49	-13.00	44.49	128	150	Vertical
6	17525.4500	33.01	-33.81	39.28	-56.78	-13.00	43.78	164	90	Vertical



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Test Band = NSA 12A-n77A_TM1
Test Channel = Low 3450-3550
Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6810.1800	41.72	-43.61	35.85	-61.30	-13.00	48.30	241	317	Horizontal
2	8346.325	41.52	-41.64	37.26	-58.12	-13.00	45.12	135	357	Horizontal
3	9330.15	40.00	-40.02	38.44	-56.85	-13.00	43.85	265	0	Horizontal
4	10215.2700	35.92	-39.23	38.81	-59.76	-13.00	46.76	125	87	Horizontal
5	13620.3600	33.84	-36.03	40.13	-57.32	-13.00	44.32	184	150	Horizontal
6	17025.4500	34.48	-33.71	38.51	-55.98	-13.00	42.98	159	44	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6810.1800	41.27	-43.61	35.85	-61.75	-13.00	48.75	154	212	Vertical
2	8350.35	41.40	-41.62	37.27	-58.21	-13.00	45.21	251	166	Vertical
3	10215.2700	35.93	-39.23	38.81	-59.75	-13.00	46.75	148	16	Vertical
4	12379.375	36.01	-36.92	39.08	-57.09	-13.00	44.09	156	120	Vertical
5	13620.3600	34.16	-36.03	40.13	-57.00	-13.00	44.00	139	317	Vertical
6	17025.4500	33.92	-33.71	38.51	-56.54	-13.00	43.54	188	226	Vertical



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Test Band = NSA 12A-n77A_TM1
Test Channel = Mid 3450-3550
Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6910.1800	40.95	-43.80	35.97	-62.14	-13.00	49.14	214	356	Horizontal
2	8352.075	41.41	-41.61	37.27	-58.19	-13.00	45.19	175	254	Horizontal
3	9412.375	39.35	-39.92	38.49	-57.35	-13.00	44.35	142	356	Horizontal
4	10365.2700	35.62	-38.81	38.85	-59.59	-13.00	46.59	158	301	Horizontal
5	13820.3600	32.92	-36.11	39.98	-58.47	-13.00	45.47	136	150	Horizontal
6	17275.4500	33.81	-35.16	38.70	-57.90	-13.00	44.90	291	133	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6910.1800	41.14	-43.80	35.97	-61.95	-13.00	48.95	245	26	Vertical
2	8675.225	40.33	-41.23	37.87	-58.28	-13.00	45.28	123	357	Vertical
3	9262.3	39.34	-40.02	38.39	-57.56	-13.00	44.56	235	0	Vertical
4	10365.2700	36.38	-38.81	38.85	-58.83	-13.00	45.83	188	132	Vertical
5	13820.3600	33.26	-36.11	39.98	-58.13	-13.00	45.13	195	238	Vertical
6	17275.4500	33.33	-35.16	38.70	-58.38	-13.00	45.38	175	269	Vertical



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Test Band = NSA 12A-n77A_TM1
Test Channel = High 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7010.1800	40.53	-43.06	36.11	-61.68	-13.00	48.68	245	0	Horizontal
2	8031.225	40.68	-41.88	37.02	-59.44	-13.00	46.44	132	74	Horizontal
3	8350.925	41.80	-41.62	37.27	-57.81	-13.00	44.81	155	151	Horizontal
4	10515.2700	35.75	-38.64	38.98	-59.18	-13.00	46.18	199	74	Horizontal
5	14020.3600	32.19	-35.04	40.15	-57.96	-13.00	44.96	147	2	Horizontal
6	17525.4500	32.91	-33.81	39.28	-56.88	-13.00	43.88	222	209	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7010.1800	40.59	-43.06	36.11	-61.62	-13.00	48.62	247	151	Vertical
2	7755.225	41.87	-42.75	36.69	-59.44	-13.00	46.44	145	120	Vertical
3	8817.825	40.17	-41.10	38.09	-58.10	-13.00	45.10	153	180	Vertical
4	10515.2700	34.73	-38.64	38.98	-60.20	-13.00	47.20	236	88	Vertical
5	14020.3600	32.40	-35.04	40.15	-57.75	-13.00	44.75	259	357	Vertical
6	17525.4500	32.95	-33.81	39.28	-56.84	-13.00	43.84	146	287	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

---End of Attachment---

