

Report No.: SUCR240100001702

Rev.: 01

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Appendix B.36

NR Band n77(3450-3550)



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Member of the SGS Group (SGS SA)

Effective (Isotropic) Radiated Power Output Data for SA

Test Result Ant1

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N77-3450-3550	30	10	DFT-PI2BPSK	L	Inner_1RB_Left	26.38	25.74	30.00	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	L	Inner_1RB_Right	26.44	25.8	30.00	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	L	Outer_Full	26.14	25.5	30.00	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Inner_1RB_Left	26.38	25.74	30.00	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Inner_1RB_Right	26.42	25.78	30.00	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	25.63	24.99	30.00	PASS
N77-3450-3550	30	10	DFT-16QAM	L	Inner_1RB_Left	25.64	25	30.00	PASS
N77-3450-3550	30	10	DFT-16QAM	L	Inner_1RB_Right	25.64	24.92	30.00	PASS
N77-3450-3550	30	10	DFT-16QAM	L	Outer_Full	24.68	24.04	30.00	PASS
N77-3450-3550	30	10	DFT-64QAM	L	Inner_1RB_Left	24.15	23.51	30.00	PASS
N77-3450-3550	30	10	DFT-64QAM	L	Inner_1RB_Right	24.06	23.42	30.00	PASS
N77-3450-3550	30	10	DFT-64QAM	L	Outer_Full	24.18	23.54	30.00	PASS
N77-3450-3550	30	10	DFT-256QAM	L	Inner_1RB_Left	21.96	21.32	30.00	PASS
N77-3450-3550	30	10	DFT-256QAM	L	Inner_1RB_Right	21.97	21.33	30.00	PASS
N77-3450-3550	30	10	DFT-256QAM	L	Outer_Full	22.05	21.41	30.00	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	M	Inner_1RB_Left	26.42	25.78	30.00	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	M	Inner_1RB_Right	26.44	25.8	30.00	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	M	Outer_Full	26.13	25.49	30.00	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Inner_1RB_Left	26.38	25.74	30.00	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Inner_1RB_Right	26.47	25.83	30.00	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	25.64	25	30.00	PASS
N77-3450-3550	30	10	DFT-16QAM	M	Inner_1RB_Left	25.77	25.13	30.00	PASS
N77-3450-3550	30	10	DFT-16QAM	M	Inner_1RB_Right	25.82	25.18	30.00	PASS
N77-3450-3550	30	10	DFT-16QAM	M	Outer_Full	24.69	24.05	30.00	PASS
N77-3450-3550	30	10	DFT-64QAM	M	Inner_1RB_Left	24.10	23.46	30.00	PASS
N77-3450-3550	30	10	DFT-64QAM	M	Inner_1RB_Right	24.26	23.62	30.00	PASS
N77-3450-3550	30	10	DFT-64QAM	M	Outer_Full	24.21	23.57	30.00	PASS
N77-3450-3550	30	10	DFT-256QAM	M	Inner_1RB_Left	22.05	21.41	30.00	PASS
N77-3450-3550	30	10	DFT-256QAM	M	Inner_1RB_Right	22.04	21.4	30.00	PASS
N77-3450-3550	30	10	DFT-256QAM	M	Outer_Full	22.12	21.48	30.00	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	H	Inner_1RB_Left	26.54	25.9	30.00	PASS



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Table with 10 columns: Test ID, Sample No., Lot No., Modulation, Bandwidth, Position, Measured Value 1, Measured Value 2, Limit, Result. Rows include various DFT modulation tests (BPSK, QPSK, 16QAM, 64QAM, 256QAM) across different positions (Inner/Outer, Left/Right) and bandwidths (30, 10, 15).



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Table with 10 columns: ID, Sample No., Lot No., Modulation, Modulation, Modulation, SNR, SNR, SNR, SNR. Rows include various modulation types like DFT-16QAM, DFT-64QAM, DFT-256QAM, DFT-PI2BPSK, and DFT-QPSK across different antenna configurations.



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Table with 10 columns: ID, Sample No., Lot No., Modulation, Coding Rate, Position, BER, FER, Error Rate, and Result. It contains 40 rows of test data for various modulation schemes like DFT-PI2BPSK, DFT-QPSK, and DFT-16QAM.



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Table with 10 columns: Test ID, Sample No., Lot No., Modulation, Direction, Measurement Point, Value 1, Value 2, Limit, Result. Rows include various modulation types like DFT-16QAM, DFT-64QAM, DFT-256QAM, DFT-PI2BPSK, and DFT-QPSK.



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N77-3450-3550	30	25	DFT-256QAM	H	Outer_Full	22.13	21.49	30.00	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	L	Inner_1RB_Left	26.59	25.95	30.00	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	L	Inner_1RB_Right	26.55	25.91	30.00	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	L	Outer_Full	26.11	25.47	30.00	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Inner_1RB_Left	26.52	25.88	30.00	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Inner_1RB_Right	26.42	25.78	30.00	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Outer_Full	25.61	24.97	30.00	PASS
N77-3450-3550	30	30	DFT-16QAM	L	Inner_1RB_Left	25.88	25.24	30.00	PASS
N77-3450-3550	30	30	DFT-16QAM	L	Inner_1RB_Right	25.65	25.01	30.00	PASS
N77-3450-3550	30	30	DFT-16QAM	L	Outer_Full	24.62	23.98	30.00	PASS
N77-3450-3550	30	30	DFT-64QAM	L	Inner_1RB_Left	24.22	23.58	30.00	PASS
N77-3450-3550	30	30	DFT-64QAM	L	Inner_1RB_Right	24.06	23.42	30.00	PASS
N77-3450-3550	30	30	DFT-64QAM	L	Outer_Full	24.19	23.55	30.00	PASS
N77-3450-3550	30	30	DFT-256QAM	L	Inner_1RB_Left	22.09	21.45	30.00	PASS
N77-3450-3550	30	30	DFT-256QAM	L	Inner_1RB_Right	22.01	21.37	30.00	PASS
N77-3450-3550	30	30	DFT-256QAM	L	Outer_Full	22.11	21.47	30.00	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	M	Inner_1RB_Left	26.74	26.1	30.00	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	M	Inner_1RB_Right	26.55	25.91	30.00	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	M	Outer_Full	26.28	25.64	30.00	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Inner_1RB_Left	26.73	26.09	30.00	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Inner_1RB_Right	26.59	25.95	30.00	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	25.87	25.23	30.00	PASS
N77-3450-3550	30	30	DFT-16QAM	M	Inner_1RB_Left	26.06	25.42	30.00	PASS
N77-3450-3550	30	30	DFT-16QAM	M	Inner_1RB_Right	25.85	25.21	30.00	PASS
N77-3450-3550	30	30	DFT-16QAM	M	Outer_Full	24.75	24.11	30.00	PASS
N77-3450-3550	30	30	DFT-64QAM	M	Inner_1RB_Left	24.29	23.65	30.00	PASS
N77-3450-3550	30	30	DFT-64QAM	M	Inner_1RB_Right	24.13	23.49	30.00	PASS
N77-3450-3550	30	30	DFT-64QAM	M	Outer_Full	24.27	23.63	30.00	PASS
N77-3450-3550	30	30	DFT-256QAM	M	Inner_1RB_Left	22.26	21.62	30.00	PASS
N77-3450-3550	30	30	DFT-256QAM	M	Inner_1RB_Right	22.11	21.47	30.00	PASS
N77-3450-3550	30	30	DFT-256QAM	M	Outer_Full	22.25	21.61	30.00	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	H	Inner_1RB_Left	26.60	25.96	30.00	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	H	Inner_1RB_Right	26.43	25.79	30.00	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	H	Outer_Full	26.24	25.6	30.00	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Inner_1RB_Left	26.50	25.86	30.00	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Inner_1RB_Right	26.51	25.87	30.00	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Outer_Full	25.68	25.04	30.00	PASS



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N77-3450-3550	30	30	DFT-16QAM	H	Inner_1RB_Left	25.83	25.19	30.00	PASS
N77-3450-3550	30	30	DFT-16QAM	H	Inner_1RB_Right	25.85	25.21	30.00	PASS
N77-3450-3550	30	30	DFT-16QAM	H	Outer_Full	24.68	24.04	30.00	PASS
N77-3450-3550	30	30	DFT-64QAM	H	Inner_1RB_Left	24.19	23.55	30.00	PASS
N77-3450-3550	30	30	DFT-64QAM	H	Inner_1RB_Right	24.15	23.51	30.00	PASS
N77-3450-3550	30	30	DFT-64QAM	H	Outer_Full	24.25	23.61	30.00	PASS
N77-3450-3550	30	30	DFT-256QAM	H	Inner_1RB_Left	22.17	21.53	30.00	PASS
N77-3450-3550	30	30	DFT-256QAM	H	Inner_1RB_Right	22.12	21.48	30.00	PASS
N77-3450-3550	30	30	DFT-256QAM	H	Outer_Full	22.20	21.56	30.00	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	26.46	25.82	30.00	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	26.46	25.82	30.00	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	L	Outer_Full	26.28	25.64	30.00	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Inner_1RB_Left	26.40	25.76	30.00	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Inner_1RB_Right	26.40	25.76	30.00	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Outer_Full	25.80	25.16	30.00	PASS
N77-3450-3550	30	40	DFT-16QAM	L	Inner_1RB_Left	25.79	25.15	30.00	PASS
N77-3450-3550	30	40	DFT-16QAM	L	Inner_1RB_Right	25.77	25.13	30.00	PASS
N77-3450-3550	30	40	DFT-16QAM	L	Outer_Full	24.68	24.04	30.00	PASS
N77-3450-3550	30	40	DFT-64QAM	L	Inner_1RB_Left	24.04	23.4	30.00	PASS
N77-3450-3550	30	40	DFT-64QAM	L	Inner_1RB_Right	24.05	23.41	30.00	PASS
N77-3450-3550	30	40	DFT-64QAM	L	Outer_Full	24.17	23.53	30.00	PASS
N77-3450-3550	30	40	DFT-256QAM	L	Inner_1RB_Left	22.04	21.4	30.00	PASS
N77-3450-3550	30	40	DFT-256QAM	L	Inner_1RB_Right	22.02	21.38	30.00	PASS
N77-3450-3550	30	40	DFT-256QAM	L	Outer_Full	22.15	21.51	30.00	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	26.42	25.78	30.00	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	26.43	25.79	30.00	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	M	Outer_Full	26.34	25.7	30.00	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Inner_1RB_Left	26.40	25.76	30.00	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Inner_1RB_Right	26.46	25.82	30.00	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	25.88	25.24	30.00	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Inner_1RB_Left	25.78	25.14	30.00	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Inner_1RB_Right	25.73	25.09	30.00	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Outer_Full	24.75	24.11	30.00	PASS
N77-3450-3550	30	40	DFT-64QAM	M	Inner_1RB_Left	24.23	23.59	30.00	PASS
N77-3450-3550	30	40	DFT-64QAM	M	Inner_1RB_Right	24.16	23.52	30.00	PASS
N77-3450-3550	30	40	DFT-64QAM	M	Outer_Full	24.28	23.64	30.00	PASS
N77-3450-3550	30	40	DFT-256QAM	M	Inner_1RB_Left	22.08	21.44	30.00	PASS



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Table with 10 columns: Test ID, Sample No., Lot No., Modulation, Bandwidth, Frequency, Measured Value 1, Measured Value 2, Reference Value, and Result. Rows include various DFT modulation tests like DFT-256QAM, DFT-PI2BPSK, DFT-QPSK, and DFT-16QAM.



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Table with 10 columns: Test ID, Parameter 1, Parameter 2, Modulation, Bandwidth, Test Method, Result 1, Result 2, Limit, Status. Rows include various modulation types like DFT-QPSK, DFT-16QAM, DFT-64QAM, DFT-256QAM, and DFT-PI2BPSK across different bandwidths and test methods.



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N77-3450-3550	30	60	DFT-256QAM	L	Inner_1RB_Left	22.09	21.45	30.00	PASS
N77-3450-3550	30	60	DFT-256QAM	L	Inner_1RB_Right	21.92	21.28	30.00	PASS
N77-3450-3550	30	60	DFT-256QAM	L	Outer_Full	22.13	21.49	30.00	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	M	Inner_1RB_Left	26.41	25.77	30.00	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	M	Inner_1RB_Right	26.32	25.68	30.00	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	M	Outer_Full	26.21	25.57	30.00	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Inner_1RB_Left	26.32	25.68	30.00	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Inner_1RB_Right	26.32	25.68	30.00	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	25.72	25.08	30.00	PASS
N77-3450-3550	30	60	DFT-16QAM	M	Inner_1RB_Left	25.61	24.97	30.00	PASS
N77-3450-3550	30	60	DFT-16QAM	M	Inner_1RB_Right	25.57	24.93	30.00	PASS
N77-3450-3550	30	60	DFT-16QAM	M	Outer_Full	24.64	24	30.00	PASS
N77-3450-3550	30	60	DFT-64QAM	M	Inner_1RB_Left	24.09	23.45	30.00	PASS
N77-3450-3550	30	60	DFT-64QAM	M	Inner_1RB_Right	23.95	23.31	30.00	PASS
N77-3450-3550	30	60	DFT-64QAM	M	Outer_Full	24.10	23.46	30.00	PASS
N77-3450-3550	30	60	DFT-256QAM	M	Inner_1RB_Left	21.91	21.27	30.00	PASS
N77-3450-3550	30	60	DFT-256QAM	M	Inner_1RB_Right	21.90	21.26	30.00	PASS
N77-3450-3550	30	60	DFT-256QAM	M	Outer_Full	22.10	21.46	30.00	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	H	Inner_1RB_Left	26.43	25.79	30.00	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	H	Inner_1RB_Right	26.41	25.77	30.00	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	H	Outer_Full	26.28	25.64	30.00	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Inner_1RB_Left	26.42	25.78	30.00	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Inner_1RB_Right	26.39	25.75	30.00	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Outer_Full	25.79	25.15	30.00	PASS
N77-3450-3550	30	60	DFT-16QAM	H	Inner_1RB_Left	25.69	25.05	30.00	PASS
N77-3450-3550	30	60	DFT-16QAM	H	Inner_1RB_Right	25.81	25.17	30.00	PASS
N77-3450-3550	30	60	DFT-16QAM	H	Outer_Full	24.71	24.07	30.00	PASS
N77-3450-3550	30	60	DFT-64QAM	H	Inner_1RB_Left	24.20	23.56	30.00	PASS
N77-3450-3550	30	60	DFT-64QAM	H	Inner_1RB_Right	24.03	23.39	30.00	PASS
N77-3450-3550	30	60	DFT-64QAM	H	Outer_Full	24.08	23.44	30.00	PASS
N77-3450-3550	30	60	DFT-256QAM	H	Inner_1RB_Left	22.07	21.43	30.00	PASS
N77-3450-3550	30	60	DFT-256QAM	H	Inner_1RB_Right	21.98	21.34	30.00	PASS
N77-3450-3550	30	60	DFT-256QAM	H	Outer_Full	22.07	21.43	30.00	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	L	Inner_1RB_Left	26.60	25.96	30.00	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	L	Inner_1RB_Right	26.53	25.89	30.00	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	L	Outer_Full	26.32	25.68	30.00	PASS
N77-3450-3550	30	70	DFT-QPSK	L	Inner_1RB_Left	26.58	25.94	30.00	PASS



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Table with 10 columns: ID, Parameter 1, Parameter 2, Modulation, Bandwidth, Frequency, SNR, BER, Error Rate, Result. Rows include various modulation schemes like DFT-QPSK, DFT-16QAM, DFT-64QAM, DFT-256QAM, and DFT-PI2BPSK.



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Table with 10 columns: Test ID, Sample No., Lot No., Modulation, Bandwidth, Test Method, Result 1, Result 2, Result 3, Result 4. Rows include various modulation types like DFT-64QAM, DFT-256QAM, DFT-PI2BPSK, DFT-QPSK, and DFT-16QAM.



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N77-3450-3550	30	80	DFT-QPSK	H	Inner_1RB_Left	26.49	25.85	30.00	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Inner_1RB_Right	26.47	25.83	30.00	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Outer_Full	25.83	25.19	30.00	PASS
N77-3450-3550	30	80	DFT-16QAM	H	Inner_1RB_Left	25.76	25.12	30.00	PASS
N77-3450-3550	30	80	DFT-16QAM	H	Inner_1RB_Right	25.80	25.16	30.00	PASS
N77-3450-3550	30	80	DFT-16QAM	H	Outer_Full	24.74	24.1	30.00	PASS
N77-3450-3550	30	80	DFT-64QAM	H	Inner_1RB_Left	24.30	23.66	30.00	PASS
N77-3450-3550	30	80	DFT-64QAM	H	Inner_1RB_Right	24.24	23.6	30.00	PASS
N77-3450-3550	30	80	DFT-64QAM	H	Outer_Full	24.24	23.6	30.00	PASS
N77-3450-3550	30	80	DFT-256QAM	H	Inner_1RB_Left	22.13	21.49	30.00	PASS
N77-3450-3550	30	80	DFT-256QAM	H	Inner_1RB_Right	22.06	21.42	30.00	PASS
N77-3450-3550	30	80	DFT-256QAM	H	Outer_Full	22.25	21.61	30.00	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	L	Inner_1RB_Left	26.75	26.11	30.00	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	L	Inner_1RB_Right	26.68	26.04	30.00	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	L	Outer_Full	26.42	25.78	30.00	PASS
N77-3450-3550	30	90	DFT-QPSK	L	Inner_1RB_Left	26.73	26.09	30.00	PASS
N77-3450-3550	30	90	DFT-QPSK	L	Inner_1RB_Right	26.48	25.84	30.00	PASS
N77-3450-3550	30	90	DFT-QPSK	L	Outer_Full	25.87	25.23	30.00	PASS
N77-3450-3550	30	90	DFT-16QAM	L	Inner_1RB_Left	26.02	25.38	30.00	PASS
N77-3450-3550	30	90	DFT-16QAM	L	Inner_1RB_Right	25.92	25.28	30.00	PASS
N77-3450-3550	30	90	DFT-16QAM	L	Outer_Full	24.81	24.17	30.00	PASS
N77-3450-3550	30	90	DFT-64QAM	L	Inner_1RB_Left	24.38	23.74	30.00	PASS
N77-3450-3550	30	90	DFT-64QAM	L	Inner_1RB_Right	24.28	23.64	30.00	PASS
N77-3450-3550	30	90	DFT-64QAM	L	Outer_Full	24.34	23.7	30.00	PASS
N77-3450-3550	30	90	DFT-256QAM	L	Inner_1RB_Left	22.28	21.64	30.00	PASS
N77-3450-3550	30	90	DFT-256QAM	L	Inner_1RB_Right	22.18	21.54	30.00	PASS
N77-3450-3550	30	90	DFT-256QAM	L	Outer_Full	22.30	21.66	30.00	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	M	Inner_1RB_Left	26.73	26.09	30.00	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	M	Inner_1RB_Right	26.71	26.07	30.00	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	M	Outer_Full	26.32	25.68	30.00	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Inner_1RB_Left	26.68	26.04	30.00	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Inner_1RB_Right	26.45	25.81	30.00	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	25.85	25.21	30.00	PASS
N77-3450-3550	30	90	DFT-16QAM	M	Inner_1RB_Left	26.01	25.37	30.00	PASS
N77-3450-3550	30	90	DFT-16QAM	M	Inner_1RB_Right	25.79	25.15	30.00	PASS
N77-3450-3550	30	90	DFT-16QAM	M	Outer_Full	24.77	24.13	30.00	PASS
N77-3450-3550	30	90	DFT-64QAM	M	Inner_1RB_Left	24.32	23.68	30.00	PASS



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N77-3450-3550	30	90	DFT-64QAM	M	Inner_1RB_Right	24.33	23.69	30.00	PASS
N77-3450-3550	30	90	DFT-64QAM	M	Outer_Full	24.28	23.64	30.00	PASS
N77-3450-3550	30	90	DFT-256QAM	M	Inner_1RB_Left	22.30	21.66	30.00	PASS
N77-3450-3550	30	90	DFT-256QAM	M	Inner_1RB_Right	22.13	21.49	30.00	PASS
N77-3450-3550	30	90	DFT-256QAM	M	Outer_Full	22.25	21.61	30.00	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	H	Inner_1RB_Left	26.73	26.09	30.00	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	H	Inner_1RB_Right	26.49	25.85	30.00	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	H	Outer_Full	26.35	25.71	30.00	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Inner_1RB_Left	26.69	26.05	30.00	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Inner_1RB_Right	26.67	26.03	30.00	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Outer_Full	25.85	25.21	30.00	PASS
N77-3450-3550	30	90	DFT-16QAM	H	Inner_1RB_Left	25.89	25.25	30.00	PASS
N77-3450-3550	30	90	DFT-16QAM	H	Inner_1RB_Right	25.81	25.17	30.00	PASS
N77-3450-3550	30	90	DFT-16QAM	H	Outer_Full	24.81	24.17	30.00	PASS
N77-3450-3550	30	90	DFT-64QAM	H	Inner_1RB_Left	24.22	23.58	30.00	PASS
N77-3450-3550	30	90	DFT-64QAM	H	Inner_1RB_Right	24.30	23.66	30.00	PASS
N77-3450-3550	30	90	DFT-64QAM	H	Outer_Full	24.28	23.64	30.00	PASS
N77-3450-3550	30	90	DFT-256QAM	H	Inner_1RB_Left	22.15	21.51	30.00	PASS
N77-3450-3550	30	90	DFT-256QAM	H	Inner_1RB_Right	22.16	21.52	30.00	PASS
N77-3450-3550	30	90	DFT-256QAM	H	Outer_Full	22.29	21.65	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	26.63	25.99	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	26.56	25.92	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	L	Outer_Full	26.30	25.66	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	L	Inner_1RB_Left	26.54	25.9	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	L	Inner_1RB_Right	26.63	25.99	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	L	Outer_Full	25.74	25.1	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	L	Inner_1RB_Left	25.99	25.35	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	L	Inner_1RB_Right	25.94	25.3	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	L	Outer_Full	24.77	24.13	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	L	Inner_1RB_Left	24.43	23.79	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	L	Inner_1RB_Right	24.31	23.67	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	L	Outer_Full	24.30	23.66	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	L	Inner_1RB_Left	22.19	21.55	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	L	Inner_1RB_Right	22.17	21.53	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	L	Outer_Full	22.28	21.64	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	26.63	25.99	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	26.52	25.88	30.00	PASS



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N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	26.29	25.65	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Inner_1RB_Left	26.57	25.93	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Inner_1RB_Right	26.48	25.84	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	25.81	25.17	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Inner_1RB_Left	25.98	25.34	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Inner_1RB_Right	25.91	25.27	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Outer_Full	24.67	24.03	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Inner_1RB_Left	24.43	23.79	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Inner_1RB_Right	24.19	23.55	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Outer_Full	24.32	23.68	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Inner_1RB_Left	22.24	21.6	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Inner_1RB_Right	22.20	21.56	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Outer_Full	22.27	21.63	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	26.69	26.05	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	26.48	25.84	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	H	Outer_Full	26.29	25.65	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	H	Inner_1RB_Left	26.57	25.93	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	H	Inner_1RB_Right	26.47	25.83	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	H	Outer_Full	25.80	25.16	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	H	Inner_1RB_Left	25.88	25.24	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	H	Inner_1RB_Right	25.91	25.27	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	H	Outer_Full	24.79	24.15	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	H	Inner_1RB_Left	24.28	23.64	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	H	Inner_1RB_Right	24.37	23.73	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	H	Outer_Full	24.29	23.65	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	H	Inner_1RB_Left	22.22	21.58	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	H	Inner_1RB_Right	22.20	21.56	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	H	Outer_Full	22.28	21.64	30.00	PASS



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Effective (Isotropic) Radiated Power Output Data for MIMO

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power Ant1 (dBm)	Power Ant7 (dBm)	Total Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N77-3450-3550	30	10	DFT-PI2BPSK	L	Inner_1RB_Left	26.44	25.78	29.13	28.49	30	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	L	Inner_1RB_Right	26.07	25.96	29.03	28.39	30	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	L	Outer_Full	24.8	24.2	27.52	26.88	30	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Inner_1RB_Left	26.43	25.96	29.21	28.57	30	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Inner_1RB_Right	26.3	25.99	29.16	28.52	30	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	24.88	24.53	27.72	27.08	30	PASS
N77-3450-3550	30	10	DFT-16QAM	L	Inner_1RB_Left	25.21	24.36	27.82	27.18	30	PASS
N77-3450-3550	30	10	DFT-16QAM	L	Inner_1RB_Right	25.93	25.25	28.61	27.97	30	PASS
N77-3450-3550	30	10	DFT-16QAM	L	Outer_Full	24.48	23.64	27.09	26.45	30	PASS
N77-3450-3550	30	10	DFT-64QAM	L	Inner_1RB_Left	23.66	23.61	26.65	26.01	30	PASS
N77-3450-3550	30	10	DFT-64QAM	L	Inner_1RB_Right	24.34	23.22	26.83	26.19	30	PASS



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N77-3450-3550	30	10	DFT-64QAM	L	Outer_Full	23.72	22.95	26.36	25.72	30	PASS
N77-3450-3550	30	10	DFT-256QAM	L	Inner_1RB_Left	21.16	20.05	23.65	23.01	30	PASS
N77-3450-3550	30	10	DFT-256QAM	L	Inner_1RB_Right	21.06	20.17	23.65	23.01	30	PASS
N77-3450-3550	30	10	DFT-256QAM	L	Outer_Full	21.53	20.93	24.25	23.61	30	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	M	Inner_1RB_Left	26.25	25.94	29.11	28.47	30	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	M	Inner_1RB_Right	26.42	25.84	29.15	28.51	30	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	M	Outer_Full	24.74	24.76	27.76	27.12	30	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Inner_1RB_Left	26.43	25.88	29.17	28.53	30	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Inner_1RB_Right	26.8	25.79	29.33	28.69	30	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	25.21	24.4	27.83	27.19	30	PASS
N77-3450-3550	30	10	DFT-16QAM	M	Inner_1RB_Left	25.67	24.87	28.3	27.66	30	PASS
N77-3450-3550	30	10	DFT-16QAM	M	Inner_1RB_Right	25.71	25.38	28.56	27.92	30	PASS
N77-3450-3550	30	10	DFT-16QAM	M	Outer_Full	24.52	23.98	27.27	26.63	30	PASS
N77-3450-3550	30	10	DFT-64QAM	M	Inner_1RB_Left	23.75	23.66	26.72	26.08	30	PASS



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N77-3450-3550	30	10	DFT-64QAM	M	Inner_1RB_Right	23.8	23.8	26.81	26.17	30	PASS
N77-3450-3550	30	10	DFT-64QAM	M	Outer_Full	24.05	23.54	26.81	26.17	30	PASS
N77-3450-3550	30	10	DFT-256QAM	M	Inner_1RB_Left	20.59	19.77	23.21	22.57	30	PASS
N77-3450-3550	30	10	DFT-256QAM	M	Inner_1RB_Right	21.15	20.29	23.75	23.11	30	PASS
N77-3450-3550	30	10	DFT-256QAM	M	Outer_Full	21.54	21	24.29	23.65	30	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	H	Inner_1RB_Left	26.07	26.32	29.21	28.57	30	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	H	Inner_1RB_Right	26.42	25.97	29.21	28.57	30	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	H	Outer_Full	24.65	24.7	27.69	27.05	30	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Inner_1RB_Left	26.43	26.05	29.25	28.61	30	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Inner_1RB_Right	26.52	25.75	29.16	28.52	30	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	24.98	24.41	27.71	27.07	30	PASS
N77-3450-3550	30	10	DFT-16QAM	H	Inner_1RB_Left	25.41	25.26	28.35	27.71	30	PASS
N77-3450-3550	30	10	DFT-16QAM	H	Inner_1RB_Right	25.61	24.79	28.23	27.59	30	PASS
N77-3450-3550	30	10	DFT-16QAM	H	Outer_Full	24.79	24.2	27.52	26.88	30	PASS



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N77-3450-3550	30	10	DFT-64QAM	H	Inner_1RB_Left	23.89	23.45	26.69	26.05	30	PASS
N77-3450-3550	30	10	DFT-64QAM	H	Inner_1RB_Right	23.93	23.46	26.71	26.07	30	PASS
N77-3450-3550	30	10	DFT-64QAM	H	Outer_Full	24.06	24.22	27.15	26.51	30	PASS
N77-3450-3550	30	10	DFT-256QAM	H	Inner_1RB_Left	20.38	20.53	23.47	22.83	30	PASS
N77-3450-3550	30	10	DFT-256QAM	H	Inner_1RB_Right	20.74	20.76	23.76	23.12	30	PASS
N77-3450-3550	30	10	DFT-256QAM	H	Outer_Full	21.44	20.54	24.02	23.38	30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	L	Inner_1RB_Left	26.04	25.9	28.98	28.34	30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	L	Inner_1RB_Right	26.48	25.97	29.24	28.6	30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	L	Outer_Full	24.62	24.3	27.47	26.83	30	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Inner_1RB_Left	26.49	25.94	29.23	28.59	30	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Inner_1RB_Right	26.45	25.8	29.15	28.51	30	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Outer_Full	24.87	24.35	27.63	26.99	30	PASS
N77-3450-3550	30	15	DFT-16QAM	L	Inner_1RB_Left	25.2	24.99	28.11	27.47	30	PASS
N77-3450-3550	30	15	DFT-16QAM	L	Inner_1RB_Right	25.46	25	28.25	27.61	30	PASS



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N77-3450-3550	30	15	DFT-16QAM	L	Outer_Full	24	24.02	27.02	26.38	30	PASS
N77-3450-3550	30	15	DFT-64QAM	L	Inner_1RB_Left	23.58	23.12	26.37	25.73	30	PASS
N77-3450-3550	30	15	DFT-64QAM	L	Inner_1RB_Right	24.35	23.79	27.09	26.45	30	PASS
N77-3450-3550	30	15	DFT-64QAM	L	Outer_Full	23.91	23.04	26.51	25.87	30	PASS
N77-3450-3550	30	15	DFT-256QAM	L	Inner_1RB_Left	20.66	20.5	23.59	22.95	30	PASS
N77-3450-3550	30	15	DFT-256QAM	L	Inner_1RB_Right	20.96	20.13	23.58	22.94	30	PASS
N77-3450-3550	30	15	DFT-256QAM	L	Outer_Full	21.38	21.04	24.22	23.58	30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	M	Inner_1RB_Left	26.37	25.71	29.06	28.42	30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	M	Inner_1RB_Right	26.4	25.79	29.12	28.48	30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	M	Outer_Full	25.1	24.6	27.87	27.23	30	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Inner_1RB_Left	26.68	26.02	29.37	28.73	30	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Inner_1RB_Right	26.69	26.17	29.45	28.81	30	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	24.98	24.18	27.61	26.97	30	PASS
N77-3450-3550	30	15	DFT-16QAM	M	Inner_1RB_Left	25.55	24.9	28.25	27.61	30	PASS



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N77-3450-3550	30	15	DFT-16QAM	M	Outer_Full	24.49	23.82	27.18	26.54	30	PASS
N77-3450-3550	30	15	DFT-64QAM	M	Inner_1RB_Left	23.76	23.38	26.58	25.94	30	PASS
N77-3450-3550	30	15	DFT-64QAM	M	Inner_1RB_Right	24.32	24.16	27.25	26.61	30	PASS
N77-3450-3550	30	15	DFT-64QAM	M	Outer_Full	24	23.39	26.72	26.08	30	PASS
N77-3450-3550	30	15	DFT-256QAM	M	Inner_1RB_Left	21.27	20.32	23.83	23.19	30	PASS
N77-3450-3550	30	15	DFT-256QAM	M	Inner_1RB_Right	20.86	20.52	23.7	23.06	30	PASS
N77-3450-3550	30	15	DFT-256QAM	M	Outer_Full	21.3	20.52	23.94	23.3	30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	H	Inner_1RB_Left	26.49	25.98	29.25	28.61	30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	H	Inner_1RB_Right	26.68	25.81	29.28	28.64	30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	H	Outer_Full	24.78	24.66	27.73	27.09	30	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Inner_1RB_Left	26.72	25.87	29.33	28.69	30	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Inner_1RB_Right	25.93	25.91	28.93	28.29	30	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Outer_Full	25.07	24.26	27.69	27.05	30	PASS



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N77-3450-3550	30	15	DFT-16QAM	H	Inner_1RB_Left	25.54	25.38	28.47	27.83	30	PASS
N77-3450-3550	30	15	DFT-16QAM	H	Inner_1RB_Right	25.48	24.99	28.25	27.61	30	PASS
N77-3450-3550	30	15	DFT-16QAM	H	Outer_Full	24.22	23.75	27	26.36	30	PASS
N77-3450-3550	30	15	DFT-64QAM	H	Inner_1RB_Left	24.16	23.61	26.9	26.26	30	PASS
N77-3450-3550	30	15	DFT-64QAM	H	Inner_1RB_Right	24.21	23.56	26.91	26.27	30	PASS
N77-3450-3550	30	15	DFT-64QAM	H	Outer_Full	23.66	23.1	26.4	25.76	30	PASS
N77-3450-3550	30	15	DFT-256QAM	H	Inner_1RB_Left	20.88	20.59	23.75	23.11	30	PASS
N77-3450-3550	30	15	DFT-256QAM	H	Inner_1RB_Right	20.68	20.57	23.64	23	30	PASS
N77-3450-3550	30	15	DFT-256QAM	H	Outer_Full	21.28	20.86	24.09	23.45	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	26.06	25.37	28.74	28.1	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	26.34	25.99	29.18	28.54	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	L	Outer_Full	24.93	24.38	27.67	27.03	30	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Inner_1RB_Left	26.52	25.74	29.16	28.52	30	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Inner_1RB_Right	26.14	25.77	28.97	28.33	30	PASS



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Wireless Laboratory

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N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	24.92	24.56	27.75	27.11	30	PASS
N77-3450-3550	30	20	DFT-16QAM	L	Inner_1RB_Left	25.32	24.58	27.98	27.34	30	PASS
N77-3450-3550	30	20	DFT-16QAM	L	Inner_1RB_Right	25.6	24.95	28.3	27.66	30	PASS
N77-3450-3550	30	20	DFT-16QAM	L	Outer_Full	24.11	23.5	26.83	26.19	30	PASS
N77-3450-3550	30	20	DFT-64QAM	L	Inner_1RB_Left	23.91	23.02	26.5	25.86	30	PASS
N77-3450-3550	30	20	DFT-64QAM	L	Inner_1RB_Right	24.27	23.74	27.02	26.38	30	PASS
N77-3450-3550	30	20	DFT-64QAM	L	Outer_Full	23.48	23.19	26.35	25.71	30	PASS
N77-3450-3550	30	20	DFT-256QAM	L	Inner_1RB_Left	20.55	20.14	23.36	22.72	30	PASS
N77-3450-3550	30	20	DFT-256QAM	L	Inner_1RB_Right	21.1	20.51	23.83	23.19	30	PASS
N77-3450-3550	30	20	DFT-256QAM	L	Outer_Full	21.34	20.99	24.18	23.54	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	M	Inner_1RB_Left	26.34	26.18	29.27	28.63	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	M	Inner_1RB_Right	26.4	25.98	29.21	28.57	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	M	Outer_Full	25.08	24.19	27.67	27.03	30	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Inner_1RB_Left	26.32	26.16	29.25	28.61	30	PASS



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N77-3450-3550	30	20	DFT-QPSK	M	Inner_1RB_Right	26.92	26.15	29.56	28.92	30	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	24.96	24.56	27.77	27.13	30	PASS
N77-3450-3550	30	20	DFT-16QAM	M	Inner_1RB_Left	24.9	25.26	28.09	27.45	30	PASS
N77-3450-3550	30	20	DFT-16QAM	M	Inner_1RB_Right	25.4	24.87	28.15	27.51	30	PASS
N77-3450-3550	30	20	DFT-16QAM	M	Outer_Full	24.31	23.78	27.06	26.42	30	PASS
N77-3450-3550	30	20	DFT-64QAM	M	Inner_1RB_Left	23.78	23.32	26.57	25.93	30	PASS
N77-3450-3550	30	20	DFT-64QAM	M	Inner_1RB_Right	24.13	23.82	26.99	26.35	30	PASS
N77-3450-3550	30	20	DFT-64QAM	M	Outer_Full	23.36	23.79	26.59	25.95	30	PASS
N77-3450-3550	30	20	DFT-256QAM	M	Inner_1RB_Left	21.31	20.01	23.72	23.08	30	PASS
N77-3450-3550	30	20	DFT-256QAM	M	Inner_1RB_Right	21.14	20.38	23.79	23.15	30	PASS
N77-3450-3550	30	20	DFT-256QAM	M	Outer_Full	21.18	21	24.1	23.46	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	H	Inner_1RB_Left	26.57	25.77	29.2	28.56	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	H	Inner_1RB_Right	26.52	26.18	29.36	28.72	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	H	Outer_Full	25	24.56	27.8	27.16	30	PASS



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N77-3450-3550	30	20	DFT-QPSK	H	Inner_1RB_Left	26.13	26.05	29.1	28.46	30	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Inner_1RB_Right	26.35	25.85	29.12	28.48	30	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	24.76	24.77	27.78	27.14	30	PASS
N77-3450-3550	30	20	DFT-16QAM	H	Inner_1RB_Left	25.14	24.74	27.95	27.31	30	PASS
N77-3450-3550	30	20	DFT-16QAM	H	Inner_1RB_Right	25.11	25.24	28.19	27.55	30	PASS
N77-3450-3550	30	20	DFT-16QAM	H	Outer_Full	24.61	24.03	27.34	26.7	30	PASS
N77-3450-3550	30	20	DFT-64QAM	H	Inner_1RB_Left	23.98	23.32	26.67	26.03	30	PASS
N77-3450-3550	30	20	DFT-64QAM	H	Inner_1RB_Right	23.63	23.68	26.67	26.03	30	PASS
N77-3450-3550	30	20	DFT-64QAM	H	Outer_Full	23.96	23.8	26.89	26.25	30	PASS
N77-3450-3550	30	20	DFT-256QAM	H	Inner_1RB_Left	20.91	20.21	23.58	22.94	30	PASS
N77-3450-3550	30	20	DFT-256QAM	H	Inner_1RB_Right	21.06	21.15	24.12	23.48	30	PASS
N77-3450-3550	30	20	DFT-256QAM	H	Outer_Full	21.34	21.23	24.3	23.66	30	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	L	Inner_1RB_Left	27	25.64	29.38	28.74	30	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	L	Inner_1RB_Right	26.34	26.2	29.28	28.64	30	PASS



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N77-3450-3550	30	25	DFT-PI2BPSK	L	Outer_Full	24.42	24.26	27.35	26.71	30	PASS
N77-3450-3550	30	25	DFT-QPSK	L	Inner_1RB_Left	26.61	25.81	29.24	28.6	30	PASS
N77-3450-3550	30	25	DFT-QPSK	L	Inner_1RB_Right	26.86	25.96	29.44	28.8	30	PASS
N77-3450-3550	30	25	DFT-QPSK	L	Outer_Full	24.68	24.23	27.47	26.83	30	PASS
N77-3450-3550	30	25	DFT-16QAM	L	Inner_1RB_Left	25.49	24.86	28.2	27.56	30	PASS
N77-3450-3550	30	25	DFT-16QAM	L	Inner_1RB_Right	25.31	24.79	28.07	27.43	30	PASS
N77-3450-3550	30	25	DFT-16QAM	L	Outer_Full	24.04	23.62	26.85	26.21	30	PASS
N77-3450-3550	30	25	DFT-64QAM	L	Inner_1RB_Left	24.13	23.99	27.07	26.43	30	PASS
N77-3450-3550	30	25	DFT-64QAM	L	Inner_1RB_Right	24.27	23.61	26.96	26.32	30	PASS
N77-3450-3550	30	25	DFT-64QAM	L	Outer_Full	23.98	23.12	26.58	25.94	30	PASS
N77-3450-3550	30	25	DFT-256QAM	L	Inner_1RB_Left	20.74	20.24	23.51	22.87	30	PASS
N77-3450-3550	30	25	DFT-256QAM	L	Inner_1RB_Right	21.17	20.49	23.85	23.21	30	PASS
N77-3450-3550	30	25	DFT-256QAM	L	Outer_Full	21.44	20.77	24.13	23.49	30	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	M	Inner_1RB_Left	26.6	25.74	29.2	28.56	30	PASS



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N77-3450-3550	30	25	DFT-PI2BPSK	M	Inner_1RB_Right	26.72	26.13	29.45	28.81	30	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	M	Outer_Full	24.96	24.13	27.58	26.94	30	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Inner_1RB_Left	26.09	25.75	28.93	28.29	30	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Inner_1RB_Right	26.5	26.28	29.4	28.76	30	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	25.14	24.32	27.76	27.12	30	PASS
N77-3450-3550	30	25	DFT-16QAM	M	Inner_1RB_Left	25.25	24.49	27.9	27.26	30	PASS
N77-3450-3550	30	25	DFT-16QAM	M	Inner_1RB_Right	25.34	25.18	28.27	27.63	30	PASS
N77-3450-3550	30	25	DFT-16QAM	M	Outer_Full	24.15	23.72	26.95	26.31	30	PASS
N77-3450-3550	30	25	DFT-64QAM	M	Inner_1RB_Left	23.82	23.36	26.61	25.97	30	PASS
N77-3450-3550	30	25	DFT-64QAM	M	Inner_1RB_Right	24.25	23.67	26.98	26.34	30	PASS
N77-3450-3550	30	25	DFT-64QAM	M	Outer_Full	24.31	23.56	26.96	26.32	30	PASS
N77-3450-3550	30	25	DFT-256QAM	M	Inner_1RB_Left	20.78	20.57	23.69	23.05	30	PASS
N77-3450-3550	30	25	DFT-256QAM	M	Inner_1RB_Right	20.72	20.69	23.72	23.08	30	PASS
N77-3450-3550	30	25	DFT-256QAM	M	Outer_Full	21.07	20.62	23.86	23.22	30	PASS



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N77-3450-3550	30	25	DFT-PI2BPSK	H	Inner_1RB_Left	26.48	26.17	29.34	28.7	30	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	H	Inner_1RB_Right	26.37	26.15	29.27	28.63	30	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	H	Outer_Full	24.81	24.71	27.77	27.13	30	PASS
N77-3450-3550	30	25	DFT-QPSK	H	Inner_1RB_Left	26.8	25.69	29.29	28.65	30	PASS
N77-3450-3550	30	25	DFT-QPSK	H	Inner_1RB_Right	26.55	25.72	29.17	28.53	30	PASS
N77-3450-3550	30	25	DFT-QPSK	H	Outer_Full	24.99	24.72	27.87	27.23	30	PASS
N77-3450-3550	30	25	DFT-16QAM	H	Inner_1RB_Left	25.4	24.94	28.19	27.55	30	PASS
N77-3450-3550	30	25	DFT-16QAM	H	Inner_1RB_Right	25.2	25.25	28.24	27.6	30	PASS
N77-3450-3550	30	25	DFT-16QAM	H	Outer_Full	24.39	24.13	27.27	26.63	30	PASS
N77-3450-3550	30	25	DFT-64QAM	H	Inner_1RB_Left	24.45	23.64	27.07	26.43	30	PASS
N77-3450-3550	30	25	DFT-64QAM	H	Inner_1RB_Right	24.17	23.72	26.96	26.32	30	PASS
N77-3450-3550	30	25	DFT-64QAM	H	Outer_Full	24	23.44	26.74	26.1	30	PASS
N77-3450-3550	30	25	DFT-256QAM	H	Inner_1RB_Left	21.18	20.3	23.77	23.13	30	PASS
N77-3450-3550	30	25	DFT-256QAM	H	Inner_1RB_Right	20.59	20.13	23.38	22.74	30	PASS



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N77-3450-3550	30	25	DFT-256QAM	H	Outer_Full	21.51	21.27	24.4	23.76	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	L	Inner_1RB_Left	26.13	25.64	28.9	28.26	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	L	Inner_1RB_Right	26.37	25.94	29.17	28.53	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	L	Outer_Full	24.8	24.8	27.81	27.17	30	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Inner_1RB_Left	26.58	25.87	29.25	28.61	30	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Inner_1RB_Right	26.65	26.1	29.39	28.75	30	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Outer_Full	25.36	24.34	27.89	27.25	30	PASS
N77-3450-3550	30	30	DFT-16QAM	L	Inner_1RB_Left	25.54	25.09	28.33	27.69	30	PASS
N77-3450-3550	30	30	DFT-16QAM	L	Inner_1RB_Right	25.3	24.66	28	27.36	30	PASS
N77-3450-3550	30	30	DFT-16QAM	L	Outer_Full	24.16	23.77	26.98	26.34	30	PASS
N77-3450-3550	30	30	DFT-64QAM	L	Inner_1RB_Left	23.94	23.43	26.7	26.06	30	PASS
N77-3450-3550	30	30	DFT-64QAM	L	Inner_1RB_Right	24.12	23.6	26.88	26.24	30	PASS
N77-3450-3550	30	30	DFT-64QAM	L	Outer_Full	23.7	23.43	26.58	25.94	30	PASS
N77-3450-3550	30	30	DFT-256QAM	L	Inner_1RB_Left	20.64	19.98	23.33	22.69	30	PASS



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N77-3450-3550	30	30	DFT-256QAM	L	Inner_1RB_Right	21.63	20.45	24.09	23.45	30	PASS
N77-3450-3550	30	30	DFT-256QAM	L	Outer_Full	21.32	20.63	24	23.36	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	M	Inner_1RB_Left	25.92	25.78	28.86	28.22	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	M	Inner_1RB_Right	26.48	26.19	29.35	28.71	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	M	Outer_Full	24.88	24.63	27.77	27.13	30	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Inner_1RB_Left	26.43	25.72	29.1	28.46	30	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Inner_1RB_Right	26.32	26.25	29.3	28.66	30	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	24.86	24.29	27.59	26.95	30	PASS
N77-3450-3550	30	30	DFT-16QAM	M	Inner_1RB_Left	25.59	24.91	28.27	27.63	30	PASS
N77-3450-3550	30	30	DFT-16QAM	M	Inner_1RB_Right	25.8	25.19	28.52	27.88	30	PASS
N77-3450-3550	30	30	DFT-16QAM	M	Outer_Full	24.59	23.61	27.14	26.5	30	PASS
N77-3450-3550	30	30	DFT-64QAM	M	Inner_1RB_Left	24.01	23.28	26.67	26.03	30	PASS
N77-3450-3550	30	30	DFT-64QAM	M	Inner_1RB_Right	23.87	24.29	27.1	26.46	30	PASS
N77-3450-3550	30	30	DFT-64QAM	M	Outer_Full	24.29	23.47	26.91	26.27	30	PASS



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N77-3450-3550	30	30	DFT-256QAM	M	Inner_1RB_Left	20.99	20.52	23.77	23.13	30	PASS
N77-3450-3550	30	30	DFT-256QAM	M	Inner_1RB_Right	21.21	20.83	24.03	23.39	30	PASS
N77-3450-3550	30	30	DFT-256QAM	M	Outer_Full	21.62	20.68	24.19	23.55	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	H	Inner_1RB_Left	26.48	25.93	29.22	28.58	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	H	Inner_1RB_Right	26.6	26.2	29.41	28.77	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	H	Outer_Full	24.53	24.6	27.58	26.94	30	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Inner_1RB_Left	26.62	25.7	29.19	28.55	30	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Inner_1RB_Right	26.29	25.77	29.05	28.41	30	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Outer_Full	24.74	24.63	27.7	27.06	30	PASS
N77-3450-3550	30	30	DFT-16QAM	H	Inner_1RB_Left	25.35	24.65	28.02	27.38	30	PASS
N77-3450-3550	30	30	DFT-16QAM	H	Inner_1RB_Right	26.18	24.79	28.55	27.91	30	PASS
N77-3450-3550	30	30	DFT-16QAM	H	Outer_Full	24.35	23.61	27.01	26.37	30	PASS
N77-3450-3550	30	30	DFT-64QAM	H	Inner_1RB_Left	23.93	23.35	26.66	26.02	30	PASS
N77-3450-3550	30	30	DFT-64QAM	H	Inner_1RB_Right	24.01	23.75	26.89	26.25	30	PASS



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N77-3450-3550	30	30	DFT-64QAM	H	Outer_Full	24.09	23.38	26.76	26.12	30	PASS
N77-3450-3550	30	30	DFT-256QAM	H	Inner_1RB_Left	20.78	20.51	23.66	23.02	30	PASS
N77-3450-3550	30	30	DFT-256QAM	H	Inner_1RB_Right	20.77	20.96	23.88	23.24	30	PASS
N77-3450-3550	30	30	DFT-256QAM	H	Outer_Full	21.32	20.78	24.07	23.43	30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	26.53	25.57	29.09	28.45	30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	26	26.09	29.06	28.42	30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	L	Outer_Full	24.88	24.83	27.87	27.23	30	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Inner_1RB_Left	26.61	25.45	29.08	28.44	30	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Inner_1RB_Right	26.47	26.02	29.26	28.62	30	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Outer_Full	25.04	24.49	27.78	27.14	30	PASS
N77-3450-3550	30	40	DFT-16QAM	L	Inner_1RB_Left	25.41	24.85	28.15	27.51	30	PASS
N77-3450-3550	30	40	DFT-16QAM	L	Inner_1RB_Right	25.15	24.99	28.08	27.44	30	PASS
N77-3450-3550	30	40	DFT-16QAM	L	Outer_Full	24.58	23.9	27.26	26.62	30	PASS
N77-3450-3550	30	40	DFT-64QAM	L	Inner_1RB_Left	23.91	23.45	26.7	26.06	30	PASS



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N77-3450-3550	30	40	DFT-64QAM	L	Inner_1RB_Right	23.92	23.38	26.67	26.03	30	PASS
N77-3450-3550	30	40	DFT-64QAM	L	Outer_Full	23.66	23.39	26.54	25.9	30	PASS
N77-3450-3550	30	40	DFT-256QAM	L	Inner_1RB_Left	20.48	19.81	23.17	22.53	30	PASS
N77-3450-3550	30	40	DFT-256QAM	L	Inner_1RB_Right	21.01	20.21	23.64	23	30	PASS
N77-3450-3550	30	40	DFT-256QAM	L	Outer_Full	21.38	20.55	24	23.36	30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	26.25	25.75	29.02	28.38	30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	26.61	26.19	29.42	28.78	30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	M	Outer_Full	25.43	25.04	28.25	27.61	30	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Inner_1RB_Left	26.32	25.6	28.99	28.35	30	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Inner_1RB_Right	26.07	26.05	29.07	28.43	30	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	25.19	24.29	27.77	27.13	30	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Inner_1RB_Left	25.81	24.89	28.38	27.74	30	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Inner_1RB_Right	25.25	25.25	28.26	27.62	30	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Outer_Full	24.86	23.86	27.4	26.76	30	PASS



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N77-3450-3550	30	40	DFT-64QAM	M	Inner_1RB_Left	24.06	23.11	26.62	25.98	30	PASS
N77-3450-3550	30	40	DFT-64QAM	M	Inner_1RB_Right	23.98	23.98	26.99	26.35	30	PASS
N77-3450-3550	30	40	DFT-64QAM	M	Outer_Full	24.04	23.19	26.65	26.01	30	PASS
N77-3450-3550	30	40	DFT-256QAM	M	Inner_1RB_Left	20.48	20.23	23.37	22.73	30	PASS
N77-3450-3550	30	40	DFT-256QAM	M	Inner_1RB_Right	21.02	20.45	23.75	23.11	30	PASS
N77-3450-3550	30	40	DFT-256QAM	M	Outer_Full	21.55	20.91	24.25	23.61	30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	26.49	25.69	29.12	28.48	30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	26.49	26.03	29.28	28.64	30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	H	Outer_Full	25.07	24.36	27.74	27.1	30	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Inner_1RB_Left	26.56	25.78	29.2	28.56	30	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Inner_1RB_Right	26.35	26.17	29.27	28.63	30	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Outer_Full	25.25	24.23	27.78	27.14	30	PASS
N77-3450-3550	30	40	DFT-16QAM	H	Inner_1RB_Left	25.43	24.93	28.2	27.56	30	PASS
N77-3450-3550	30	40	DFT-16QAM	H	Inner_1RB_Right	25.41	25.18	28.31	27.67	30	PASS



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N77-3450-3550	30	40	DFT-64QAM	H	Inner_1RB_Left	24.12	23.59	26.87	26.23	30	PASS
N77-3450-3550	30	40	DFT-64QAM	H	Inner_1RB_Right	24.32	24.01	27.18	26.54	30	PASS
N77-3450-3550	30	40	DFT-64QAM	H	Outer_Full	24.34	23.57	26.98	26.34	30	PASS
N77-3450-3550	30	40	DFT-256QAM	H	Inner_1RB_Left	20.64	20.24	23.45	22.81	30	PASS
N77-3450-3550	30	40	DFT-256QAM	H	Inner_1RB_Right	20.74	20.67	23.72	23.08	30	PASS
N77-3450-3550	30	40	DFT-256QAM	H	Outer_Full	21.38	21.04	24.22	23.58	30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	L	Inner_1RB_Left	26.37	25.47	28.95	28.31	30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	L	Inner_1RB_Right	26.56	25.67	29.15	28.51	30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	L	Outer_Full	24.67	24.21	27.46	26.82	30	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Inner_1RB_Left	26.03	26.13	29.09	28.45	30	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Inner_1RB_Right	26.5	26.06	29.3	28.66	30	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Outer_Full	24.94	24.31	27.65	27.01	30	PASS
N77-3450-3550	30	50	DFT-16QAM	L	Inner_1RB_Left	25.3	24.77	28.05	27.41	30	PASS



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N77-3450-3550	30	50	DFT-16QAM	L	Inner_1RB_Right	25.56	24.56	28.1	27.46	30	PASS
N77-3450-3550	30	50	DFT-16QAM	L	Outer_Full	24.44	23.68	27.09	26.45	30	PASS
N77-3450-3550	30	50	DFT-64QAM	L	Inner_1RB_Left	23.69	23.55	26.63	25.99	30	PASS
N77-3450-3550	30	50	DFT-64QAM	L	Inner_1RB_Right	23.99	23.1	26.58	25.94	30	PASS
N77-3450-3550	30	50	DFT-64QAM	L	Outer_Full	23.96	23.27	26.64	26	30	PASS
N77-3450-3550	30	50	DFT-256QAM	L	Inner_1RB_Left	21.16	19.88	23.58	22.94	30	PASS
N77-3450-3550	30	50	DFT-256QAM	L	Inner_1RB_Right	21.24	20.38	23.84	23.2	30	PASS
N77-3450-3550	30	50	DFT-256QAM	L	Outer_Full	21.26	20.8	24.05	23.41	30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	M	Inner_1RB_Left	26.19	25.83	29.02	28.38	30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	M	Inner_1RB_Right	26.39	26	29.21	28.57	30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	M	Outer_Full	24.86	24.12	27.52	26.88	30	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Inner_1RB_Left	26.72	26.24	29.5	28.86	30	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Inner_1RB_Right	26.83	25.77	29.34	28.7	30	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	24.98	24.51	27.76	27.12	30	PASS



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N77-3450-3550	30	50	DFT-16QAM	M	Inner_1RB_Left	25.2	24.79	28.01	27.37	30	PASS
N77-3450-3550	30	50	DFT-16QAM	M	Inner_1RB_Right	25.62	24.96	28.31	27.67	30	PASS
N77-3450-3550	30	50	DFT-16QAM	M	Outer_Full	24.57	24.35	27.47	26.83	30	PASS
N77-3450-3550	30	50	DFT-64QAM	M	Inner_1RB_Left	24	23.52	26.78	26.14	30	PASS
N77-3450-3550	30	50	DFT-64QAM	M	Inner_1RB_Right	23.91	23.53	26.73	26.09	30	PASS
N77-3450-3550	30	50	DFT-64QAM	M	Outer_Full	23.83	23.41	26.64	26	30	PASS
N77-3450-3550	30	50	DFT-256QAM	M	Inner_1RB_Left	20.64	20.45	23.56	22.92	30	PASS
N77-3450-3550	30	50	DFT-256QAM	M	Inner_1RB_Right	21.21	20.24	23.76	23.12	30	PASS
N77-3450-3550	30	50	DFT-256QAM	M	Outer_Full	21.37	21.02	24.21	23.57	30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	H	Inner_1RB_Left	26.28	26.29	29.3	28.66	30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	H	Inner_1RB_Right	26.79	26.28	29.55	28.91	30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	H	Outer_Full	24.47	24.38	27.44	26.8	30	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Inner_1RB_Left	25.85	25.93	28.9	28.26	30	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Inner_1RB_Right	26.26	25.99	29.14	28.5	30	PASS



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N77-3450-3550	30	50	DFT-QPSK	H	Outer_Full	24.65	24.46	27.57	26.93	30	PASS
N77-3450-3550	30	50	DFT-16QAM	H	Inner_1RB_Left	25.32	25.04	28.19	27.55	30	PASS
N77-3450-3550	30	50	DFT-16QAM	H	Inner_1RB_Right	25.8	25.1	28.47	27.83	30	PASS
N77-3450-3550	30	50	DFT-16QAM	H	Outer_Full	24.43	23.88	27.17	26.53	30	PASS
N77-3450-3550	30	50	DFT-64QAM	H	Inner_1RB_Left	24.09	23.58	26.85	26.21	30	PASS
N77-3450-3550	30	50	DFT-64QAM	H	Inner_1RB_Right	24.18	23.34	26.79	26.15	30	PASS
N77-3450-3550	30	50	DFT-64QAM	H	Outer_Full	23.63	23.49	26.57	25.93	30	PASS
N77-3450-3550	30	50	DFT-256QAM	H	Inner_1RB_Left	20.68	20.52	23.61	22.97	30	PASS
N77-3450-3550	30	50	DFT-256QAM	H	Inner_1RB_Right	20.74	20.45	23.61	22.97	30	PASS
N77-3450-3550	30	50	DFT-256QAM	H	Outer_Full	21.03	20.91	23.98	23.34	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	L	Inner_1RB_Left	26.2	25.79	29.01	28.37	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	L	Inner_1RB_Right	26.68	26.28	29.49	28.85	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	L	Outer_Full	24.84	24.49	27.68	27.04	30	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Inner_1RB_Left	26.28	25.75	29.03	28.39	30	PASS



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N77-3450-3550	30	60	DFT-QPSK	L	Inner_1RB_Right	26.53	25.77	29.18	28.54	30	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Outer_Full	24.72	24.31	27.53	26.89	30	PASS
N77-3450-3550	30	60	DFT-16QAM	L	Inner_1RB_Left	25.33	24.96	28.16	27.52	30	PASS
N77-3450-3550	30	60	DFT-16QAM	L	Inner_1RB_Right	25.53	24.99	28.28	27.64	30	PASS
N77-3450-3550	30	60	DFT-16QAM	L	Outer_Full	24.23	23.61	26.94	26.3	30	PASS
N77-3450-3550	30	60	DFT-64QAM	L	Inner_1RB_Left	23.64	23.29	26.48	25.84	30	PASS
N77-3450-3550	30	60	DFT-64QAM	L	Inner_1RB_Right	23.92	23.44	26.7	26.06	30	PASS
N77-3450-3550	30	60	DFT-64QAM	L	Outer_Full	23.51	23.25	26.39	25.75	30	PASS
N77-3450-3550	30	60	DFT-256QAM	L	Inner_1RB_Left	20.93	20.12	23.55	22.91	30	PASS
N77-3450-3550	30	60	DFT-256QAM	L	Inner_1RB_Right	21.22	20.73	23.99	23.35	30	PASS
N77-3450-3550	30	60	DFT-256QAM	L	Outer_Full	21.25	20.72	24	23.36	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	M	Inner_1RB_Left	26.17	25.91	29.05	28.41	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	M	Inner_1RB_Right	26.43	25.97	29.22	28.58	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	M	Outer_Full	24.82	24.44	27.64	27	30	PASS



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N77-3450-3550	30	60	DFT-QPSK	M	Inner_1RB_Left	26.78	26.05	29.44	28.8	30	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Inner_1RB_Right	26.61	26.28	29.46	28.82	30	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	25.26	24.25	27.79	27.15	30	PASS
N77-3450-3550	30	60	DFT-16QAM	M	Inner_1RB_Left	25.64	25.02	28.35	27.71	30	PASS
N77-3450-3550	30	60	DFT-16QAM	M	Inner_1RB_Right	25.37	24.77	28.09	27.45	30	PASS
N77-3450-3550	30	60	DFT-16QAM	M	Outer_Full	24.45	23.9	27.19	26.55	30	PASS
N77-3450-3550	30	60	DFT-64QAM	M	Inner_1RB_Left	24.05	23.68	26.88	26.24	30	PASS
N77-3450-3550	30	60	DFT-64QAM	M	Inner_1RB_Right	24.45	23.9	27.19	26.55	30	PASS
N77-3450-3550	30	60	DFT-64QAM	M	Outer_Full	23.9	23.36	26.65	26.01	30	PASS
N77-3450-3550	30	60	DFT-256QAM	M	Inner_1RB_Left	21.17	20.39	23.81	23.17	30	PASS
N77-3450-3550	30	60	DFT-256QAM	M	Inner_1RB_Right	20.87	20.86	23.88	23.24	30	PASS
N77-3450-3550	30	60	DFT-256QAM	M	Outer_Full	21.48	20.75	24.14	23.5	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	H	Inner_1RB_Left	26.68	26.12	29.42	28.78	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	H	Inner_1RB_Right	26.56	25.95	29.28	28.64	30	PASS



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N77-3450-3550	30	60	DFT-PI2BPSK	H	Outer_Full	24.95	24.52	27.75	27.11	30	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Inner_1RB_Left	26.75	25.84	29.33	28.69	30	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Inner_1RB_Right	25.9	25.57	28.75	28.11	30	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Outer_Full	25.17	24.45	27.84	27.2	30	PASS
N77-3450-3550	30	60	DFT-16QAM	H	Inner_1RB_Left	25.82	25.71	28.78	28.14	30	PASS
N77-3450-3550	30	60	DFT-16QAM	H	Inner_1RB_Right	25.61	25.14	28.39	27.75	30	PASS
N77-3450-3550	30	60	DFT-16QAM	H	Outer_Full	23.99	23.47	26.75	26.11	30	PASS
N77-3450-3550	30	60	DFT-64QAM	H	Inner_1RB_Left	24.02	23.73	26.89	26.25	30	PASS
N77-3450-3550	30	60	DFT-64QAM	H	Inner_1RB_Right	24.05	23.63	26.86	26.22	30	PASS
N77-3450-3550	30	60	DFT-64QAM	H	Outer_Full	23.56	23.06	26.33	25.69	30	PASS
N77-3450-3550	30	60	DFT-256QAM	H	Inner_1RB_Left	21.15	20.47	23.83	23.19	30	PASS
N77-3450-3550	30	60	DFT-256QAM	H	Inner_1RB_Right	20.53	20.46	23.51	22.87	30	PASS
N77-3450-3550	30	60	DFT-256QAM	H	Outer_Full	21	21.06	24.04	23.4	30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	L	Inner_1RB_Left	26.21	25.42	28.84	28.2	30	PASS



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N77-3450-3550	30	70	DFT-PI2BPSK	L	Outer_Full	24.77	24.5	27.65	27.01	30	PASS
N77-3450-3550	30	70	DFT-QPSK	L	Inner_1RB_Left	26.52	25.75	29.16	28.52	30	PASS
N77-3450-3550	30	70	DFT-QPSK	L	Inner_1RB_Right	26.37	26.19	29.29	28.65	30	PASS
N77-3450-3550	30	70	DFT-QPSK	L	Outer_Full	25.05	24.43	27.76	27.12	30	PASS
N77-3450-3550	30	70	DFT-16QAM	L	Inner_1RB_Left	25.34	24.32	27.87	27.23	30	PASS
N77-3450-3550	30	70	DFT-16QAM	L	Inner_1RB_Right	25.55	25.08	28.33	27.69	30	PASS
N77-3450-3550	30	70	DFT-16QAM	L	Outer_Full	24.34	24.18	27.27	26.63	30	PASS
N77-3450-3550	30	70	DFT-64QAM	L	Inner_1RB_Left	23.66	23.26	26.47	25.83	30	PASS
N77-3450-3550	30	70	DFT-64QAM	L	Inner_1RB_Right	24.2	23.56	26.9	26.26	30	PASS
N77-3450-3550	30	70	DFT-64QAM	L	Outer_Full	24.07	23.33	26.73	26.09	30	PASS
N77-3450-3550	30	70	DFT-256QAM	L	Inner_1RB_Left	20.47	20.04	23.27	22.63	30	PASS
N77-3450-3550	30	70	DFT-256QAM	L	Inner_1RB_Right	20.97	20.31	23.66	23.02	30	PASS
N77-3450-3550	30	70	DFT-256QAM	L	Outer_Full	21.04	20.39	23.74	23.1	30	PASS



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N77-3450-3550	30	70	DFT-PI2BPSK	M	Inner_1RB_Left	26.53	25.97	29.27	28.63	30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	M	Inner_1RB_Right	26.2	25.74	28.99	28.35	30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	M	Outer_Full	25.33	24.44	27.92	27.28	30	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Inner_1RB_Left	26.7	25.8	29.28	28.64	30	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Inner_1RB_Right	26.65	26.08	29.38	28.74	30	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	24.96	24.52	27.76	27.12	30	PASS
N77-3450-3550	30	70	DFT-16QAM	M	Inner_1RB_Left	25.15	24.7	27.94	27.3	30	PASS
N77-3450-3550	30	70	DFT-16QAM	M	Inner_1RB_Right	25.2	25.27	28.25	27.61	30	PASS
N77-3450-3550	30	70	DFT-16QAM	M	Outer_Full	24.62	23.52	27.12	26.48	30	PASS
N77-3450-3550	30	70	DFT-64QAM	M	Inner_1RB_Left	24.14	23.28	26.74	26.1	30	PASS
N77-3450-3550	30	70	DFT-64QAM	M	Inner_1RB_Right	24.12	23.57	26.86	26.22	30	PASS
N77-3450-3550	30	70	DFT-64QAM	M	Outer_Full	23.84	23.38	26.63	25.99	30	PASS
N77-3450-3550	30	70	DFT-256QAM	M	Inner_1RB_Left	20.76	20.4	23.59	22.95	30	PASS
N77-3450-3550	30	70	DFT-256QAM	M	Inner_1RB_Right	21.1	20.54	23.84	23.2	30	PASS



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N77-3450-3550	30	70	DFT-256QAM	M	Outer_Full	21.43	21.13	24.29	23.65	30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	H	Inner_1RB_Left	26.32	25.66	29.01	28.37	30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	H	Inner_1RB_Right	26.24	26.16	29.21	28.57	30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	H	Outer_Full	25.14	24.47	27.83	27.19	30	PASS
N77-3450-3550	30	70	DFT-QPSK	H	Inner_1RB_Left	26.55	25.91	29.25	28.61	30	PASS
N77-3450-3550	30	70	DFT-QPSK	H	Inner_1RB_Right	26.29	26.17	29.24	28.6	30	PASS
N77-3450-3550	30	70	DFT-QPSK	H	Outer_Full	25	24.82	27.92	27.28	30	PASS
N77-3450-3550	30	70	DFT-16QAM	H	Inner_1RB_Left	25.16	24.87	28.03	27.39	30	PASS
N77-3450-3550	30	70	DFT-16QAM	H	Inner_1RB_Right	25.13	24.77	27.96	27.32	30	PASS
N77-3450-3550	30	70	DFT-16QAM	H	Outer_Full	24.5	24.12	27.32	26.68	30	PASS
N77-3450-3550	30	70	DFT-64QAM	H	Inner_1RB_Left	23.95	23.18	26.59	25.95	30	PASS
N77-3450-3550	30	70	DFT-64QAM	H	Inner_1RB_Right	23.81	23.85	26.84	26.2	30	PASS
N77-3450-3550	30	70	DFT-64QAM	H	Outer_Full	23.89	23.68	26.8	26.16	30	PASS
N77-3450-3550	30	70	DFT-256QAM	H	Inner_1RB_Left	20.84	20.37	23.62	22.98	30	PASS



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N77-3450-3550	30	70	DFT-256QAM	H	Inner_1RB_Right	21	20.63	23.83	23.19	30	PASS
N77-3450-3550	30	70	DFT-256QAM	H	Outer_Full	21.37	21.21	24.3	23.66	30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	L	Inner_1RB_Left	26.81	26.07	29.47	28.83	30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	L	Inner_1RB_Right	26.41	25.97	29.21	28.57	30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	L	Outer_Full	24.67	24.04	27.38	26.74	30	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Inner_1RB_Left	26.57	25.6	29.12	28.48	30	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Inner_1RB_Right	26.9	25.85	29.42	28.78	30	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Outer_Full	25.09	23.9	27.55	26.91	30	PASS
N77-3450-3550	30	80	DFT-16QAM	L	Inner_1RB_Left	25.71	24.65	28.22	27.58	30	PASS
N77-3450-3550	30	80	DFT-16QAM	L	Inner_1RB_Right	25.34	24.72	28.05	27.41	30	PASS
N77-3450-3550	30	80	DFT-16QAM	L	Outer_Full	24.27	23.62	26.97	26.33	30	PASS
N77-3450-3550	30	80	DFT-64QAM	L	Inner_1RB_Left	23.79	23.8	26.81	26.17	30	PASS
N77-3450-3550	30	80	DFT-64QAM	L	Inner_1RB_Right	24.28	23.6	26.96	26.32	30	PASS
N77-3450-3550	30	80	DFT-64QAM	L	Outer_Full	23.83	23.2	26.54	25.9	30	PASS



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N77-3450-3550	30	80	DFT-256QAM	L	Inner_1RB_Left	20.69	20.46	23.59	22.95	30	PASS
N77-3450-3550	30	80	DFT-256QAM	L	Inner_1RB_Right	21.23	20.15	23.73	23.09	30	PASS
N77-3450-3550	30	80	DFT-256QAM	L	Outer_Full	21.87	21.29	24.6	23.96	30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	M	Inner_1RB_Left	26.54	25.79	29.19	28.55	30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	M	Inner_1RB_Right	26.27	25.9	29.1	28.46	30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	M	Outer_Full	24.83	24.31	27.59	26.95	30	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Inner_1RB_Left	26.34	26.13	29.25	28.61	30	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Inner_1RB_Right	26.5	25.78	29.17	28.53	30	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	25.26	24.32	27.83	27.19	30	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Inner_1RB_Left	25.18	24.42	27.83	27.19	30	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Inner_1RB_Right	25.23	25.08	28.17	27.53	30	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Outer_Full	24.5	23.91	27.23	26.59	30	PASS
N77-3450-3550	30	80	DFT-64QAM	M	Inner_1RB_Left	24.27	23.52	26.92	26.28	30	PASS
N77-3450-3550	30	80	DFT-64QAM	M	Inner_1RB_Right	23.95	23.71	26.84	26.2	30	PASS



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N77-3450-3550	30	80	DFT-64QAM	M	Outer_Full	23.98	23.7	26.85	26.21	30	PASS
N77-3450-3550	30	80	DFT-256QAM	M	Inner_1RB_Left	20.83	20.44	23.65	23.01	30	PASS
N77-3450-3550	30	80	DFT-256QAM	M	Inner_1RB_Right	20.54	20.55	23.56	22.92	30	PASS
N77-3450-3550	30	80	DFT-256QAM	M	Outer_Full	21.17	20.66	23.93	23.29	30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	H	Inner_1RB_Left	26.58	25.88	29.25	28.61	30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	H	Inner_1RB_Right	26.49	26.27	29.39	28.75	30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	H	Outer_Full	24.33	24.43	27.39	26.75	30	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Inner_1RB_Left	26.56	25.99	29.29	28.65	30	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Inner_1RB_Right	26.5	26.13	29.33	28.69	30	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Outer_Full	24.72	24.56	27.65	27.01	30	PASS
N77-3450-3550	30	80	DFT-16QAM	H	Inner_1RB_Left	25.58	24.72	28.18	27.54	30	PASS
N77-3450-3550	30	80	DFT-16QAM	H	Inner_1RB_Right	25.35	25.09	28.23	27.59	30	PASS
N77-3450-3550	30	80	DFT-16QAM	H	Outer_Full	24.24	24.25	27.26	26.62	30	PASS
N77-3450-3550	30	80	DFT-64QAM	H	Inner_1RB_Left	24.24	23.83	27.05	26.41	30	PASS



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N77-3450-3550	30	80	DFT-64QAM	H	Inner_1RB_Right	24.2	23.67	26.95	26.31	30	PASS
N77-3450-3550	30	80	DFT-64QAM	H	Outer_Full	23.9	23.5	26.71	26.07	30	PASS
N77-3450-3550	30	80	DFT-256QAM	H	Inner_1RB_Left	21.24	20.3	23.81	23.17	30	PASS
N77-3450-3550	30	80	DFT-256QAM	H	Inner_1RB_Right	20.79	20.11	23.47	22.83	30	PASS
N77-3450-3550	30	80	DFT-256QAM	H	Outer_Full	21.46	20.98	24.24	23.6	30	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	L	Inner_1RB_Left	26.37	25.57	29	28.36	30	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	L	Inner_1RB_Right	26.25	26.09	29.18	28.54	30	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	L	Outer_Full	24.68	24.36	27.53	26.89	30	PASS
N77-3450-3550	30	90	DFT-QPSK	L	Inner_1RB_Left	26.37	25.96	29.18	28.54	30	PASS
N77-3450-3550	30	90	DFT-QPSK	L	Inner_1RB_Right	26.46	26.19	29.34	28.7	30	PASS
N77-3450-3550	30	90	DFT-QPSK	L	Outer_Full	25.08	24.85	27.98	27.34	30	PASS
N77-3450-3550	30	90	DFT-16QAM	L	Inner_1RB_Left	25.46	25.22	28.35	27.71	30	PASS
N77-3450-3550	30	90	DFT-16QAM	L	Inner_1RB_Right	25.33	24.85	28.11	27.47	30	PASS
N77-3450-3550	30	90	DFT-16QAM	L	Outer_Full	24.39	23.59	27.02	26.38	30	PASS



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N77-3450-3550	30	90	DFT-64QAM	L	Inner_1RB_Right	24.24	23.7	26.99	26.35	30	PASS
N77-3450-3550	30	90	DFT-64QAM	L	Outer_Full	23.84	23.74	26.8	26.16	30	PASS
N77-3450-3550	30	90	DFT-256QAM	L	Inner_1RB_Left	20.76	20.03	23.42	22.78	30	PASS
N77-3450-3550	30	90	DFT-256QAM	L	Inner_1RB_Right	21.51	20.84	24.2	23.56	30	PASS
N77-3450-3550	30	90	DFT-256QAM	L	Outer_Full	21.26	20.81	24.05	23.41	30	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	M	Inner_1RB_Left	26.39	26.03	29.22	28.58	30	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	M	Inner_1RB_Right	26.61	26.15	29.4	28.76	30	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	M	Outer_Full	24.98	24.49	27.75	27.11	30	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Inner_1RB_Left	26.29	25.86	29.09	28.45	30	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Inner_1RB_Right	26.41	26.13	29.28	28.64	30	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	24.98	24.32	27.67	27.03	30	PASS
N77-3450-3550	30	90	DFT-16QAM	M	Inner_1RB_Left	25.62	24.84	28.26	27.62	30	PASS
N77-3450-3550	30	90	DFT-16QAM	M	Inner_1RB_Right	25.67	24.91	28.32	27.68	30	PASS



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N77-3450-3550	30	90	DFT-16QAM	M	Outer_Full	24.42	23.91	27.18	26.54	30	PASS
N77-3450-3550	30	90	DFT-64QAM	M	Inner_1RB_Left	23.77	23.53	26.66	26.02	30	PASS
N77-3450-3550	30	90	DFT-64QAM	M	Inner_1RB_Right	24.06	23.91	27	26.36	30	PASS
N77-3450-3550	30	90	DFT-64QAM	M	Outer_Full	24.2	23.61	26.93	26.29	30	PASS
N77-3450-3550	30	90	DFT-256QAM	M	Inner_1RB_Left	20.93	20.44	23.7	23.06	30	PASS
N77-3450-3550	30	90	DFT-256QAM	M	Inner_1RB_Right	20.95	20.77	23.87	23.23	30	PASS
N77-3450-3550	30	90	DFT-256QAM	M	Outer_Full	21.24	21.01	24.14	23.5	30	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	H	Inner_1RB_Left	26.36	25.78	29.09	28.45	30	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	H	Inner_1RB_Right	26.72	26.14	29.45	28.81	30	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	H	Outer_Full	24.62	24.7	27.67	27.03	30	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Inner_1RB_Left	26.74	25.8	29.31	28.67	30	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Inner_1RB_Right	25.86	26.08	28.98	28.34	30	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Outer_Full	24.82	24.74	27.79	27.15	30	PASS
N77-3450-3550	30	90	DFT-16QAM	H	Inner_1RB_Left	25.25	24.75	28.02	27.38	30	PASS



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N77-3450-3550	30	90	DFT-16QAM	H	Inner_1RB_Right	25.77	24.78	28.31	27.67	30	PASS
N77-3450-3550	30	90	DFT-16QAM	H	Outer_Full	24.24	23.86	27.06	26.42	30	PASS
N77-3450-3550	30	90	DFT-64QAM	H	Inner_1RB_Left	24.07	23.13	26.64	26	30	PASS
N77-3450-3550	30	90	DFT-64QAM	H	Inner_1RB_Right	23.98	23.53	26.77	26.13	30	PASS
N77-3450-3550	30	90	DFT-64QAM	H	Outer_Full	23.93	23.25	26.61	25.97	30	PASS
N77-3450-3550	30	90	DFT-256QAM	H	Inner_1RB_Left	20.99	20.34	23.69	23.05	30	PASS
N77-3450-3550	30	90	DFT-256QAM	H	Inner_1RB_Right	20.46	20.56	23.52	22.88	30	PASS
N77-3450-3550	30	90	DFT-256QAM	H	Outer_Full	20.99	20.95	23.98	23.34	30	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	26.6	25.42	29.06	28.42	30	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	26.21	26.49	29.36	28.72	30	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	L	Outer_Full	24.7	24.64	27.68	27.04	30	PASS
N77-3450-3550	30	100	DFT-QPSK	L	Inner_1RB_Left	26.57	25.93	29.27	28.63	30	PASS
N77-3450-3550	30	100	DFT-QPSK	L	Inner_1RB_Right	26.89	25.9	29.43	28.79	30	PASS
N77-3450-3550	30	100	DFT-QPSK	L	Outer_Full	25.21	24.21	27.75	27.11	30	PASS



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N77-3450-3550	30	100	DFT-16QAM	L	Inner_1RB_Left	25.16	24.49	27.85	27.21	30	PASS
N77-3450-3550	30	100	DFT-16QAM	L	Inner_1RB_Right	25.37	24.98	28.19	27.55	30	PASS
N77-3450-3550	30	100	DFT-16QAM	L	Outer_Full	24.47	23.68	27.1	26.46	30	PASS
N77-3450-3550	30	100	DFT-64QAM	L	Inner_1RB_Left	23.72	23.42	26.58	25.94	30	PASS
N77-3450-3550	30	100	DFT-64QAM	L	Inner_1RB_Right	23.89	23.36	26.64	26	30	PASS
N77-3450-3550	30	100	DFT-64QAM	L	Outer_Full	23.73	23.46	26.61	25.97	30	PASS
N77-3450-3550	30	100	DFT-256QAM	L	Inner_1RB_Left	20.19	20.05	23.13	22.49	30	PASS
N77-3450-3550	30	100	DFT-256QAM	L	Inner_1RB_Right	21.11	20.9	24.02	23.38	30	PASS
N77-3450-3550	30	100	DFT-256QAM	L	Outer_Full	21.11	20.51	23.83	23.19	30	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	26.19	25.53	28.88	28.24	30	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	26.4	26.05	29.24	28.6	30	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	25.24	24.75	28.01	27.37	30	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Inner_1RB_Left	26.38	25.94	29.18	28.54	30	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Inner_1RB_Right	26.28	26.23	29.27	28.63	30	PASS



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N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	25.36	24.06	27.77	27.13	30	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Inner_1RB_Left	25.59	24.76	28.21	27.57	30	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Inner_1RB_Right	25.75	25.5	28.64	28	30	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Outer_Full	24.76	24.08	27.44	26.8	30	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Inner_1RB_Left	24.13	23.64	26.9	26.26	30	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Inner_1RB_Right	23.91	23.97	26.95	26.31	30	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Outer_Full	23.76	23.4	26.59	25.95	30	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Inner_1RB_Left	20.96	20.34	23.67	23.03	30	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Inner_1RB_Right	21.09	20.6	23.86	23.22	30	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Outer_Full	21.5	21	24.27	23.63	30	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	26.59	25.82	29.23	28.59	30	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	26.37	26.33	29.36	28.72	30	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	H	Outer_Full	24.69	24.55	27.63	26.99	30	PASS
N77-3450-3550	30	100	DFT-QPSK	H	Inner_1RB_Left	26.6	25.74	29.2	28.56	30	PASS



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N77-3450-3550	30	100	DFT-QPSK	H	Inner_1RB_Right	26.11	26.38	29.26	28.62	30	PASS
N77-3450-3550	30	100	DFT-QPSK	H	Outer_Full	25.03	24.24	27.66	27.02	30	PASS
N77-3450-3550	30	100	DFT-16QAM	H	Inner_1RB_Left	25.63	24.56	28.14	27.5	30	PASS
N77-3450-3550	30	100	DFT-16QAM	H	Inner_1RB_Right	25.17	25.18	28.19	27.55	30	PASS
N77-3450-3550	30	100	DFT-16QAM	H	Outer_Full	24.53	24.04	27.3	26.66	30	PASS
N77-3450-3550	30	100	DFT-64QAM	H	Inner_1RB_Left	24.13	23.29	26.74	26.1	30	PASS
N77-3450-3550	30	100	DFT-64QAM	H	Inner_1RB_Right	24.08	24.04	27.07	26.43	30	PASS
N77-3450-3550	30	100	DFT-64QAM	H	Outer_Full	24.31	23.62	26.99	26.35	30	PASS
N77-3450-3550	30	100	DFT-256QAM	H	Inner_1RB_Left	20.93	20.47	23.72	23.08	30	PASS
N77-3450-3550	30	100	DFT-256QAM	H	Inner_1RB_Right	20.75	20.87	23.82	23.18	30	PASS
N77-3450-3550	30	100	DFT-256QAM	H	Outer_Full	21.29	21.08	24.2	23.56	30	PASS



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Field Strength of Spurious Radiation

Test Band = SA_n77(3450-3550)

Test Channel =MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1630.363	28.77	-18.03	25.34	-59.18	-13.00	46.18	Horizontal
2	4437.8438	27.01	-14.16	30.10	-52.31	-13.00	39.31	Horizontal
3	6901.9451	51.63	-39.75	35.40	-47.98	-13.00	34.98	Horizontal
4	10353.2677	48.66	-35.56	39.15	-43.01	-13.00	30.01	Horizontal
5	14770.6385	41.17	-30.57	41.69	-42.97	-13.00	29.97	Horizontal
6	16353.1177	41.92	-28.92	38.66	-43.60	-13.00	30.60	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1656.7657	28.44	-17.90	25.45	-59.27	-13.00	46.27	Vertical
2	5076.4576	29.06	-13.25	31.55	-47.90	-13.00	34.90	Vertical
3	6901.9451	58.01	-39.75	35.40	-41.60	-13.00	28.60	Vertical
4	9514.8757	42.27	-35.64	37.80	-50.83	-13.00	37.83	Vertical
5	11276.7638	44.40	-35.52	40.12	-46.26	-13.00	33.26	Vertical
6	13804.0152	52.85	-32.70	40.52	-34.59	-13.00	21.59	Vertical



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Test Band = SA_n77 MIMO 3450-3550

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5362.4862	28.31	-12.70	32.27	-47.38	-13.00	34.38	Horizontal
2	6902.5201	52.56	-39.75	35.39	-47.06	-13.00	34.06	Horizontal
3	10352.6926	51.15	-35.56	39.15	-40.52	-13.00	27.52	Horizontal
4	11992.0996	44.65	-35.50	39.62	-46.49	-13.00	33.49	Horizontal
5	14035.1768	42.66	-32.38	41.41	-43.57	-13.00	30.57	Horizontal
6	16423.8462	41.84	-28.52	38.92	-43.02	-13.00	30.02	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4427.9428	27.42	-14.23	30.10	-51.97	-13.00	38.97	Vertical
2	5700.22	29.51	-12.48	32.50	-45.73	-13.00	32.73	Vertical
3	6901.9451	53.90	-39.75	35.40	-45.71	-13.00	32.71	Vertical
4	10352.6926	49.47	-35.56	39.15	-42.20	-13.00	29.20	Vertical
5	13804.0152	49.52	-32.70	40.52	-37.92	-13.00	24.92	Vertical
6	16433.6217	41.44	-28.41	38.97	-43.26	-13.00	30.26	Vertical



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Test Band = NSA_B30+n77_80MHz 3450-3550

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4615.5	37.26	-13.17	30.13	-41.04	-13.00	28.04	Horizontal
2	6902.04	48.79	-39.75	35.40	-50.82	-13.00	37.82	Horizontal
3	9231.48	53.78	-36.12	37.50	-40.10	-13.00	27.10	Horizontal
4	10352.96	47.95	-35.56	39.15	-43.72	-13.00	30.72	Horizontal
5	11539.3	46.53	-35.44	40.24	-43.93	-13.00	30.93	Horizontal
6	13804.34	46.13	-32.71	40.52	-41.32	-13.00	28.32	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4615.5	42.17	-13.17	30.13	-36.13	-13.00	23.13	Vertical
2	6902.04	57.14	-39.75	35.40	-42.47	-13.00	29.47	Vertical
3	9231.48	53.32	-36.12	37.50	-40.56	-13.00	27.56	Vertical
4	10352.96	49.45	-35.56	39.15	-42.22	-13.00	29.22	Vertical
5	13803.88	53.31	-32.70	40.52	-34.13	-13.00	21.13	Vertical
6	17981.6	41.31	-39.76	47.87	-45.84	-13.00	32.84	Vertical



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Test Band = NR_CA 30A_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]	Polarity
1	7900.7	41.77	-42.74	36.96	-59.26	-40.00	19.26	Horizontal
2	9215.725	38.64	-39.97	36.93	-59.66	-40.00	19.66	Horizontal
3	11272.5	36.27	-37.06	38.74	-57.31	-40.00	17.31	Horizontal
4	12378.225	35.75	-36.91	39.21	-57.21	-40.00	17.21	Horizontal
5	13449.45	35.31	-36.36	40.03	-56.28	-40.00	16.28	Horizontal
6	13784.675	34.90	-36.21	40.50	-56.07	-40.00	16.07	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7383.775	41.81	-42.88	36.07	-60.25	-40.00	20.25	Vertical
2	8802.875	41.60	-41.13	36.62	-58.18	-40.00	18.18	Vertical
3	10053.5	37.86	-39.02	38.51	-57.91	-40.00	17.91	Vertical
4	11422.575	36.71	-37.28	38.81	-57.02	-40.00	17.02	Vertical
5	13330.425	35.90	-36.73	39.86	-56.23	-40.00	16.23	Vertical
6	15353.85	32.37	-34.00	40.86	-56.03	-40.00	16.03	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

2) All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---



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