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Appendix B.22

NR Band n77(3450-3550)



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Ant5:

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N77-3450-3550	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	26.19	26.09	30.00	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	26.21	26.11	30.00	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	L	Outer_Full	25.72	25.62	30.00	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Inner_1RB_Left	26.45	26.35	30.00	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Inner_1RB_Right	26.45	26.35	30.00	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	25.17	25.07	30.00	PASS
N77-3450-3550	30	20	DFT-16QAM	L	Inner_1RB_Left	25.26	25.16	30.00	PASS
N77-3450-3550	30	20	DFT-16QAM	L	Inner_1RB_Right	25.45	25.35	30.00	PASS
N77-3450-3550	30	20	DFT-16QAM	L	Outer_Full	24.19	24.09	30.00	PASS
N77-3450-3550	30	20	DFT-64QAM	L	Inner_1RB_Left	23.83	23.73	30.00	PASS
N77-3450-3550	30	20	DFT-64QAM	L	Inner_1RB_Right	23.70	23.60	30.00	PASS
N77-3450-3550	30	20	DFT-64QAM	L	Outer_Full	23.93	23.83	30.00	PASS
N77-3450-3550	30	20	DFT-256QAM	L	Inner_1RB_Left	21.59	21.49	30.00	PASS
N77-3450-3550	30	20	DFT-256QAM	L	Inner_1RB_Right	21.36	21.26	30.00	PASS
N77-3450-3550	30	20	DFT-256QAM	L	Outer_Full	21.28	21.18	30.00	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	M	Inner_1RB_Left	25.95	25.85	30.00	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	M	Inner_1RB_Right	26.15	26.05	30.00	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	M	Outer_Full	25.81	25.71	30.00	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Inner_1RB_Left	25.99	25.89	30.00	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Inner_1RB_Right	26.23	26.13	30.00	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	25.26	25.16	30.00	PASS
N77-3450-3550	30	20	DFT-16QAM	M	Inner_1RB_Left	24.62	24.52	30.00	PASS
N77-3450-3550	30	20	DFT-16QAM	M	Inner_1RB_Right	25.54	25.44	30.00	PASS
N77-3450-3550	30	20	DFT-16QAM	M	Outer_Full	24.29	24.19	30.00	PASS
N77-3450-3550	30	20	DFT-64QAM	M	Inner_1RB_Left	23.29	23.19	30.00	PASS
N77-3450-3550	30	20	DFT-64QAM	M	Inner_1RB_Right	23.45	23.35	30.00	PASS
N77-3450-3550	30	20	DFT-64QAM	M	Outer_Full	23.79	23.69	30.00	PASS
N77-3450-3550	30	20	DFT-256QAM	M	Inner_1RB_Left	21.71	21.61	30.00	PASS
N77-3450-3550	30	20	DFT-256QAM	M	Inner_1RB_Right	21.32	21.22	30.00	PASS
N77-3450-3550	30	20	DFT-256QAM	M	Outer_Full	21.47	21.37	30.00	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	H	Inner_1RB_Left	25.87	25.77	30.00	PASS



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N77-3450-3550	30	20	DFT-PI2BPSK	H	Inner_1RB_Right	26.07	25.97	30.00	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	H	Outer_Full	25.61	25.51	30.00	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Inner_1RB_Left	26.06	25.96	30.00	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Inner_1RB_Right	26.14	26.04	30.00	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	25.15	25.05	30.00	PASS
N77-3450-3550	30	20	DFT-16QAM	H	Inner_1RB_Left	25.22	25.12	30.00	PASS
N77-3450-3550	30	20	DFT-16QAM	H	Inner_1RB_Right	25.00	24.90	30.00	PASS
N77-3450-3550	30	20	DFT-16QAM	H	Outer_Full	23.91	23.81	30.00	PASS
N77-3450-3550	30	20	DFT-64QAM	H	Inner_1RB_Left	23.27	23.17	30.00	PASS
N77-3450-3550	30	20	DFT-64QAM	H	Inner_1RB_Right	23.60	23.50	30.00	PASS
N77-3450-3550	30	20	DFT-64QAM	H	Outer_Full	23.35	23.25	30.00	PASS
N77-3450-3550	30	20	DFT-256QAM	H	Inner_1RB_Left	21.01	20.91	30.00	PASS
N77-3450-3550	30	20	DFT-256QAM	H	Inner_1RB_Right	21.45	21.35	30.00	PASS
N77-3450-3550	30	20	DFT-256QAM	H	Outer_Full	21.51	21.41	30.00	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	L	Inner_1RB_Left	26.25	26.15	30.00	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	L	Inner_1RB_Right	26.33	26.23	30.00	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	L	Outer_Full	25.90	25.80	30.00	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Inner_1RB_Left	26.45	26.35	30.00	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Inner_1RB_Right	26.24	26.14	30.00	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Outer_Full	25.34	25.24	30.00	PASS
N77-3450-3550	30	30	DFT-16QAM	L	Inner_1RB_Left	25.53	25.43	30.00	PASS
N77-3450-3550	30	30	DFT-16QAM	L	Inner_1RB_Right	25.29	25.19	30.00	PASS
N77-3450-3550	30	30	DFT-16QAM	L	Outer_Full	24.38	24.28	30.00	PASS
N77-3450-3550	30	30	DFT-64QAM	L	Inner_1RB_Left	23.93	23.83	30.00	PASS
N77-3450-3550	30	30	DFT-64QAM	L	Inner_1RB_Right	23.58	23.48	30.00	PASS
N77-3450-3550	30	30	DFT-64QAM	L	Outer_Full	23.62	23.52	30.00	PASS
N77-3450-3550	30	30	DFT-256QAM	L	Inner_1RB_Left	21.46	21.36	30.00	PASS
N77-3450-3550	30	30	DFT-256QAM	L	Inner_1RB_Right	21.47	21.37	30.00	PASS
N77-3450-3550	30	30	DFT-256QAM	L	Outer_Full	21.61	21.51	30.00	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	M	Inner_1RB_Left	26.33	26.23	30.00	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	M	Inner_1RB_Right	26.36	26.26	30.00	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	M	Outer_Full	26.32	26.22	30.00	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Inner_1RB_Left	26.39	26.29	30.00	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Inner_1RB_Right	26.20	26.10	30.00	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	25.20	25.10	30.00	PASS
N77-3450-3550	30	30	DFT-16QAM	M	Inner_1RB_Left	25.53	25.43	30.00	PASS
N77-3450-3550	30	30	DFT-16QAM	M	Inner_1RB_Right	25.18	25.08	30.00	PASS



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N77-3450-3550	30	30	DFT-16QAM	M	Outer_Full	24.00	23.90	30.00	PASS
N77-3450-3550	30	30	DFT-64QAM	M	Inner_1RB_Left	23.90	23.80	30.00	PASS
N77-3450-3550	30	30	DFT-64QAM	M	Inner_1RB_Right	23.80	23.70	30.00	PASS
N77-3450-3550	30	30	DFT-64QAM	M	Outer_Full	23.80	23.70	30.00	PASS
N77-3450-3550	30	30	DFT-256QAM	M	Inner_1RB_Left	21.74	21.64	30.00	PASS
N77-3450-3550	30	30	DFT-256QAM	M	Inner_1RB_Right	21.68	21.58	30.00	PASS
N77-3450-3550	30	30	DFT-256QAM	M	Outer_Full	21.76	21.66	30.00	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	H	Inner_1RB_Left	26.26	26.16	30.00	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	H	Inner_1RB_Right	26.08	25.98	30.00	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	H	Outer_Full	25.60	25.50	30.00	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Inner_1RB_Left	26.28	26.18	30.00	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Inner_1RB_Right	25.87	25.77	30.00	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Outer_Full	25.09	24.99	30.00	PASS
N77-3450-3550	30	30	DFT-16QAM	H	Inner_1RB_Left	24.89	24.79	30.00	PASS
N77-3450-3550	30	30	DFT-16QAM	H	Inner_1RB_Right	25.09	24.99	30.00	PASS
N77-3450-3550	30	30	DFT-16QAM	H	Outer_Full	23.78	23.68	30.00	PASS
N77-3450-3550	30	30	DFT-64QAM	H	Inner_1RB_Left	23.56	23.46	30.00	PASS
N77-3450-3550	30	30	DFT-64QAM	H	Inner_1RB_Right	23.29	23.19	30.00	PASS
N77-3450-3550	30	30	DFT-64QAM	H	Outer_Full	23.34	23.24	30.00	PASS
N77-3450-3550	30	30	DFT-256QAM	H	Inner_1RB_Left	21.53	21.43	30.00	PASS
N77-3450-3550	30	30	DFT-256QAM	H	Inner_1RB_Right	21.34	21.24	30.00	PASS
N77-3450-3550	30	30	DFT-256QAM	H	Outer_Full	21.61	21.51	30.00	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	26.27	26.17	30.00	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	26.14	26.04	30.00	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	L	Outer_Full	25.87	25.77	30.00	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Inner_1RB_Left	26.37	26.27	30.00	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Inner_1RB_Right	26.36	26.26	30.00	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Outer_Full	25.13	25.03	30.00	PASS
N77-3450-3550	30	40	DFT-16QAM	L	Inner_1RB_Left	25.32	25.22	30.00	PASS
N77-3450-3550	30	40	DFT-16QAM	L	Inner_1RB_Right	25.31	25.21	30.00	PASS
N77-3450-3550	30	40	DFT-16QAM	L	Outer_Full	24.36	24.26	30.00	PASS
N77-3450-3550	30	40	DFT-64QAM	L	Inner_1RB_Left	23.95	23.85	30.00	PASS
N77-3450-3550	30	40	DFT-64QAM	L	Inner_1RB_Right	23.79	23.69	30.00	PASS
N77-3450-3550	30	40	DFT-64QAM	L	Outer_Full	23.88	23.78	30.00	PASS
N77-3450-3550	30	40	DFT-256QAM	L	Inner_1RB_Left	21.26	21.16	30.00	PASS
N77-3450-3550	30	40	DFT-256QAM	L	Inner_1RB_Right	21.43	21.33	30.00	PASS
N77-3450-3550	30	40	DFT-256QAM	L	Outer_Full	21.19	21.09	30.00	PASS



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Table with 10 columns: Test ID, Frequency, Power, Modulation, Bandwidth, Location, Measured Value 1, Measured Value 2, Limit Value, Result. Rows include various modulation types like DFT-PI2BPSK, DFT-QPSK, DFT-16QAM, DFT-64QAM, and DFT-256QAM.



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Table with 10 columns: Test ID, Frequency, Bandwidth, Modulation, Direction, Metric 1, Metric 2, Metric 3, Metric 4, 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	60	DFT-256QAM	H	Outer_Full	21.07	20.97	30.00	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	L	Inner_1RB_Left	26.27	26.17	30.00	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	L	Inner_1RB_Right	25.68	25.58	30.00	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	L	Outer_Full	25.70	25.60	30.00	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Inner_1RB_Left	26.32	26.22	30.00	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Inner_1RB_Right	25.85	25.75	30.00	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Outer_Full	25.24	25.14	30.00	PASS
N77-3450-3550	30	80	DFT-16QAM	L	Inner_1RB_Left	25.28	25.18	30.00	PASS
N77-3450-3550	30	80	DFT-16QAM	L	Inner_1RB_Right	24.91	24.81	30.00	PASS
N77-3450-3550	30	80	DFT-16QAM	L	Outer_Full	24.12	24.02	30.00	PASS
N77-3450-3550	30	80	DFT-64QAM	L	Inner_1RB_Left	23.94	23.84	30.00	PASS
N77-3450-3550	30	80	DFT-64QAM	L	Inner_1RB_Right	23.47	23.37	30.00	PASS
N77-3450-3550	30	80	DFT-64QAM	L	Outer_Full	23.48	23.38	30.00	PASS
N77-3450-3550	30	80	DFT-256QAM	L	Inner_1RB_Left	21.34	21.24	30.00	PASS
N77-3450-3550	30	80	DFT-256QAM	L	Inner_1RB_Right	21.15	21.05	30.00	PASS
N77-3450-3550	30	80	DFT-256QAM	L	Outer_Full	21.27	21.17	30.00	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	M	Inner_1RB_Left	26.01	25.91	30.00	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	M	Inner_1RB_Right	25.76	25.66	30.00	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	M	Outer_Full	25.60	25.50	30.00	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Inner_1RB_Left	26.25	26.15	30.00	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Inner_1RB_Right	25.69	25.59	30.00	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	24.81	24.71	30.00	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Inner_1RB_Left	25.52	25.42	30.00	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Inner_1RB_Right	24.97	24.87	30.00	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Outer_Full	24.11	24.01	30.00	PASS
N77-3450-3550	30	80	DFT-64QAM	M	Inner_1RB_Left	23.77	23.67	30.00	PASS
N77-3450-3550	30	80	DFT-64QAM	M	Inner_1RB_Right	23.22	23.12	30.00	PASS
N77-3450-3550	30	80	DFT-64QAM	M	Outer_Full	23.27	23.17	30.00	PASS
N77-3450-3550	30	80	DFT-256QAM	M	Inner_1RB_Left	21.63	21.53	30.00	PASS
N77-3450-3550	30	80	DFT-256QAM	M	Inner_1RB_Right	21.59	21.49	30.00	PASS
N77-3450-3550	30	80	DFT-256QAM	M	Outer_Full	21.43	21.33	30.00	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	H	Inner_1RB_Left	26.19	26.09	30.00	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	H	Inner_1RB_Right	25.64	25.54	30.00	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	H	Outer_Full	25.47	25.37	30.00	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Inner_1RB_Left	26.14	26.04	30.00	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Inner_1RB_Right	25.64	25.54	30.00	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Outer_Full	24.96	24.86	30.00	PASS



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N77-3450-3550	30	80	DFT-16QAM	H	Inner_1RB_Left	25.33	25.23	30.00	PASS
N77-3450-3550	30	80	DFT-16QAM	H	Inner_1RB_Right	24.48	24.38	30.00	PASS
N77-3450-3550	30	80	DFT-16QAM	H	Outer_Full	23.96	23.86	30.00	PASS
N77-3450-3550	30	80	DFT-64QAM	H	Inner_1RB_Left	23.79	23.69	30.00	PASS
N77-3450-3550	30	80	DFT-64QAM	H	Inner_1RB_Right	22.82	22.72	30.00	PASS
N77-3450-3550	30	80	DFT-64QAM	H	Outer_Full	23.20	23.10	30.00	PASS
N77-3450-3550	30	80	DFT-256QAM	H	Inner_1RB_Left	21.59	21.49	30.00	PASS
N77-3450-3550	30	80	DFT-256QAM	H	Inner_1RB_Right	21.47	21.37	30.00	PASS
N77-3450-3550	30	80	DFT-256QAM	H	Outer_Full	21.22	21.12	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	26.31	26.21	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	25.55	25.45	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	L	Outer_Full	25.42	25.32	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	L	Inner_1RB_Left	26.07	25.97	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	L	Inner_1RB_Right	25.71	25.61	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	L	Outer_Full	24.94	24.84	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	L	Inner_1RB_Left	25.32	25.22	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	L	Inner_1RB_Right	25.23	25.13	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	L	Outer_Full	25.41	25.31	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	L	Inner_1RB_Left	25.32	25.22	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	L	Inner_1RB_Right	22.84	22.74	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	L	Outer_Full	23.50	23.40	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	L	Inner_1RB_Left	21.35	21.25	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	L	Inner_1RB_Right	21.14	21.04	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	L	Outer_Full	21.26	21.16	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	26.24	26.14	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	25.79	25.69	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	25.49	25.39	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Inner_1RB_Left	25.99	25.89	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Inner_1RB_Right	25.78	25.68	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	24.73	24.63	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Inner_1RB_Left	25.26	25.16	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Inner_1RB_Right	24.46	24.36	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Outer_Full	23.76	23.66	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Inner_1RB_Left	23.42	23.32	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Inner_1RB_Right	22.95	22.85	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Outer_Full	23.26	23.16	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Inner_1RB_Left	21.87	21.77	30.00	PASS



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N77-3450-3550	30	100	DFT-256QAM	M	Inner_1RB_Right	21.38	21.28	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Outer_Full	21.44	21.34	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	26.00	25.90	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	26.19	26.09	30.00	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	H	Outer_Full	26.23	26.13	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	H	Inner_1RB_Left	26.34	26.24	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	H	Inner_1RB_Right	25.70	25.60	30.00	PASS
N77-3450-3550	30	100	DFT-QPSK	H	Outer_Full	24.94	24.84	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	H	Inner_1RB_Left	25.00	24.90	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	H	Inner_1RB_Right	24.52	24.42	30.00	PASS
N77-3450-3550	30	100	DFT-16QAM	H	Outer_Full	24.02	23.92	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	H	Inner_1RB_Left	23.76	23.66	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	H	Inner_1RB_Right	23.21	23.11	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	H	Outer_Full	23.27	23.17	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	H	Inner_1RB_Left	21.54	21.44	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	H	Inner_1RB_Right	21.08	20.98	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	H	Outer_Full	21.21	21.11	30.00	PASS



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t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Field Strength of Spurious Radiation

Test Band = NR SA Band77_100MHz _ TM1

Test Channel = Mid 3450-3550 ANT3

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7517.75	50.71	-43.09	36.43	-51.21	-13.00	38.21	142	44	Horizontal
2	7866.2	40.36	-42.69	36.86	-60.73	-13.00	47.73	126	210	Horizontal
3	9295.075	37.21	-40.06	38.41	-59.70	-13.00	46.70	258	74	Horizontal
4	10596.875	34.16	-38.03	39.06	-60.08	-13.00	47.08	145	60	Horizontal
5	13685.775	31.12	-36.00	40.07	-60.07	-13.00	47.07	129	360	Horizontal
6	16963.85	31.11	-33.82	38.48	-59.49	-13.00	46.49	198	120	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7501.65	48.42	-43.16	36.44	-53.56	-13.00	40.56	211	104	Vertical
2	9431.925	36.76	-39.93	38.48	-59.95	-13.00	46.95	145	284	Vertical
3	10676.225	33.52	-37.61	39.12	-60.23	-13.00	47.23	185	316	Vertical
4	12255.175	31.27	-36.85	39.11	-61.73	-13.00	48.73	136	240	Vertical
5	13709.35	31.12	-36.01	40.05	-60.11	-13.00	47.11	259	359	Vertical
6	15185.95	28.74	-33.86	38.97	-61.41	-13.00	48.41	111	359	Vertical



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Test Band = NR SA Band77_100MHz _ TM1

Test Channel = Mid 3450-3550 ANT5

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7497.625	50.96	-43.16	36.44	-51.02	-13.00	38.02	254	29	Horizontal
2	8663.15	39.46	-41.17	37.85	-59.12	-13.00	46.12	126	29	Horizontal
3	9661.35	35.97	-39.37	38.37	-60.29	-13.00	47.29	214	29	Horizontal
4	10678.525	34.05	-37.60	39.12	-59.69	-13.00	46.69	174	344	Horizontal
5	11578.4	31.66	-36.88	38.91	-61.56	-13.00	48.56	158	352	Horizontal
6	13910.6	30.52	-35.49	40.06	-60.17	-13.00	47.17	183	300	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8248.575	39.68	-42.01	37.14	-60.45	-13.00	47.45	214	30	Vertical
2	10060.4	35.18	-38.97	38.59	-60.46	-13.00	47.46	136	44	Vertical
3	11229.375	33.28	-36.79	39.11	-59.66	-13.00	46.66	255	359	Vertical
4	12768.075	31.36	-36.69	39.57	-61.01	-13.00	48.01	169	164	Vertical
5	15347.525	29.24	-33.99	38.77	-61.23	-13.00	48.23	198	299	Vertical
6	16588.95	31.39	-34.49	38.11	-60.26	-13.00	47.26	155	90	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) - Pre-amplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

---End of Attachment---



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