

Report No.: SEWM2305000160RG02

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# Appendix B.18

## 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	23.99	23.89	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.72	23.62	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	L	Outer_Full	22.44	22.34	30	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Inner_1RB_Left	24.03	23.93	30	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Inner_1RB_Right	23.53	23.43	30	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	21.92	21.82	30	PASS
N77-3450-3550	30	20	DFT-16QAM	L	Inner_1RB_Left	22.52	22.42	30	PASS
N77-3450-3550	30	20	DFT-16QAM	L	Inner_1RB_Right	22.50	22.40	30	PASS
N77-3450-3550	30	20	DFT-16QAM	L	Outer_Full	20.88	20.78	30	PASS
N77-3450-3550	30	20	DFT-64QAM	L	Inner_1RB_Left	20.88	20.78	30	PASS
N77-3450-3550	30	20	DFT-64QAM	L	Inner_1RB_Right	20.78	20.68	30	PASS
N77-3450-3550	30	20	DFT-64QAM	L	Outer_Full	20.21	20.11	30	PASS
N77-3450-3550	30	20	DFT-256QAM	L	Inner_1RB_Left	18.41	18.31	30	PASS
N77-3450-3550	30	20	DFT-256QAM	L	Inner_1RB_Right	18.20	18.10	30	PASS
N77-3450-3550	30	20	DFT-256QAM	L	Outer_Full	18.36	18.26	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.36	23.26	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.28	23.18	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	M	Outer_Full	21.84	21.74	30	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Inner_1RB_Left	23.33	23.23	30	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Inner_1RB_Right	23.45	23.35	30	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	21.43	21.33	30	PASS
N77-3450-3550	30	20	DFT-16QAM	M	Inner_1RB_Left	22.64	22.54	30	PASS
N77-3450-3550	30	20	DFT-16QAM	M	Inner_1RB_Right	22.29	22.19	30	PASS
N77-3450-3550	30	20	DFT-16QAM	M	Outer_Full	20.59	20.49	30	PASS
N77-3450-3550	30	20	DFT-64QAM	M	Inner_1RB_Left	20.25	20.15	30	PASS
N77-3450-3550	30	20	DFT-64QAM	M	Inner_1RB_Right	20.31	20.21	30	PASS
N77-3450-3550	30	20	DFT-64QAM	M	Outer_Full	20.15	20.05	30	PASS
N77-3450-3550	30	20	DFT-256QAM	M	Inner_1RB_Left	18.00	17.90	30	PASS
N77-3450-3550	30	20	DFT-256QAM	M	Inner_1RB_Right	17.76	17.66	30	PASS
N77-3450-3550	30	20	DFT-256QAM	M	Outer_Full	17.83	17.73	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	H	Inner_1RB_Left	22.99	22.89	30	PASS



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N77-3450-3550	30	20	DFT-PI2BPSK	H	Inner_1RB_Right	22.85	22.75	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	H	Outer_Full	21.27	21.17	30	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Inner_1RB_Left	23.01	22.91	30	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Inner_1RB_Right	22.89	22.79	30	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	20.85	20.75	30	PASS
N77-3450-3550	30	20	DFT-16QAM	H	Inner_1RB_Left	21.95	21.85	30	PASS
N77-3450-3550	30	20	DFT-16QAM	H	Inner_1RB_Right	21.56	21.46	30	PASS
N77-3450-3550	30	20	DFT-16QAM	H	Outer_Full	19.76	19.66	30	PASS
N77-3450-3550	30	20	DFT-64QAM	H	Inner_1RB_Left	20.07	19.97	30	PASS
N77-3450-3550	30	20	DFT-64QAM	H	Inner_1RB_Right	19.67	19.57	30	PASS
N77-3450-3550	30	20	DFT-64QAM	H	Outer_Full	19.73	19.63	30	PASS
N77-3450-3550	30	20	DFT-256QAM	H	Inner_1RB_Left	17.29	17.19	30	PASS
N77-3450-3550	30	20	DFT-256QAM	H	Inner_1RB_Right	17.27	17.17	30	PASS
N77-3450-3550	30	20	DFT-256QAM	H	Outer_Full	17.17	17.07	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	L	Inner_1RB_Left	23.85	23.75	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	L	Inner_1RB_Right	23.76	23.66	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	L	Outer_Full	22.32	22.22	30	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Inner_1RB_Left	24.05	23.95	30	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Inner_1RB_Right	23.66	23.56	30	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Outer_Full	21.66	21.56	30	PASS
N77-3450-3550	30	30	DFT-16QAM	L	Inner_1RB_Left	22.74	22.64	30	PASS
N77-3450-3550	30	30	DFT-16QAM	L	Inner_1RB_Right	22.37	22.27	30	PASS
N77-3450-3550	30	30	DFT-16QAM	L	Outer_Full	20.68	20.58	30	PASS
N77-3450-3550	30	30	DFT-64QAM	L	Inner_1RB_Left	20.77	20.67	30	PASS
N77-3450-3550	30	30	DFT-64QAM	L	Inner_1RB_Right	20.87	20.77	30	PASS
N77-3450-3550	30	30	DFT-64QAM	L	Outer_Full	20.27	20.17	30	PASS
N77-3450-3550	30	30	DFT-256QAM	L	Inner_1RB_Left	18.11	18.01	30	PASS
N77-3450-3550	30	30	DFT-256QAM	L	Inner_1RB_Right	17.96	17.86	30	PASS
N77-3450-3550	30	30	DFT-256QAM	L	Outer_Full	18.50	18.40	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	M	Inner_1RB_Left	23.78	23.68	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	M	Inner_1RB_Right	23.44	23.34	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	M	Outer_Full	21.88	21.78	30	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Inner_1RB_Left	23.83	23.73	30	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Inner_1RB_Right	23.40	23.30	30	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	21.77	21.67	30	PASS
N77-3450-3550	30	30	DFT-16QAM	M	Inner_1RB_Left	22.77	22.67	30	PASS
N77-3450-3550	30	30	DFT-16QAM	M	Inner_1RB_Right	22.45	22.35	30	PASS



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Table with 10 columns: Sample ID, Test No., Test No., Method, Modulation, Location, Value 1, Value 2, Test No., Result. Contains 40 rows of test data for various modulation types like DFT-16QAM, DFT-64QAM, DFT-256QAM, DFT-PI2BPSK, and DFT-QPSK.



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N77-3450-3550	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	23.83	23.73	30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	23.13	23.03	30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	M	Outer_Full	22.11	22.01	30	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Inner_1RB_Left	22.91	22.81	30	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Inner_1RB_Right	23.45	23.35	30	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	21.35	21.25	30	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Inner_1RB_Left	22.48	22.38	30	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Inner_1RB_Right	22.16	22.06	30	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Outer_Full	20.37	20.27	30	PASS
N77-3450-3550	30	40	DFT-64QAM	M	Inner_1RB_Left	20.72	20.62	30	PASS
N77-3450-3550	30	40	DFT-64QAM	M	Inner_1RB_Right	20.16	20.06	30	PASS
N77-3450-3550	30	40	DFT-64QAM	M	Outer_Full	19.72	19.62	30	PASS
N77-3450-3550	30	40	DFT-256QAM	M	Inner_1RB_Left	18.00	17.90	30	PASS
N77-3450-3550	30	40	DFT-256QAM	M	Inner_1RB_Right	17.94	17.84	30	PASS
N77-3450-3550	30	40	DFT-256QAM	M	Outer_Full	18.04	17.94	30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	23.13	23.03	30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	23.00	22.90	30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	H	Outer_Full	21.50	21.40	30	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Inner_1RB_Left	23.41	23.31	30	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Inner_1RB_Right	22.54	22.44	30	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Outer_Full	21.05	20.95	30	PASS
N77-3450-3550	30	40	DFT-16QAM	H	Inner_1RB_Left	22.39	22.29	30	PASS
N77-3450-3550	30	40	DFT-16QAM	H	Inner_1RB_Right	21.73	21.63	30	PASS
N77-3450-3550	30	40	DFT-16QAM	H	Outer_Full	19.90	19.80	30	PASS
N77-3450-3550	30	40	DFT-64QAM	H	Inner_1RB_Left	20.16	20.06	30	PASS
N77-3450-3550	30	40	DFT-64QAM	H	Inner_1RB_Right	19.91	19.81	30	PASS
N77-3450-3550	30	40	DFT-64QAM	H	Outer_Full	19.45	19.35	30	PASS
N77-3450-3550	30	40	DFT-256QAM	H	Inner_1RB_Left	17.78	17.68	30	PASS
N77-3450-3550	30	40	DFT-256QAM	H	Inner_1RB_Right	17.49	17.39	30	PASS
N77-3450-3550	30	40	DFT-256QAM	H	Outer_Full	17.19	17.09	30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	L	Inner_1RB_Left	23.77	23.67	30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	L	Inner_1RB_Right	23.71	23.61	30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	L	Outer_Full	22.09	21.99	30	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Inner_1RB_Left	23.62	23.52	30	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Inner_1RB_Right	23.62	23.52	30	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Outer_Full	21.88	21.78	30	PASS
N77-3450-3550	30	50	DFT-16QAM	L	Inner_1RB_Left	22.51	22.41	30	PASS



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Table with 10 columns: Item ID, Sample No., Test No., Test Method, Test Item, Test Result, Value 1, Value 2, Value 3, and Status. Contains 40 rows of test data.



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N77-3450-3550	30	50	DFT-256QAM	H	Outer_Full	17.19	17.09	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	L	Inner_1RB_Left	23.78	23.68	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	L	Inner_1RB_Right	23.70	23.60	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	L	Outer_Full	21.99	21.89	30	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Inner_1RB_Left	23.68	23.58	30	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Inner_1RB_Right	23.58	23.48	30	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Outer_Full	21.90	21.80	30	PASS
N77-3450-3550	30	60	DFT-16QAM	L	Inner_1RB_Left	23.02	22.92	30	PASS
N77-3450-3550	30	60	DFT-16QAM	L	Inner_1RB_Right	22.56	22.46	30	PASS
N77-3450-3550	30	60	DFT-16QAM	L	Outer_Full	20.68	20.58	30	PASS
N77-3450-3550	30	60	DFT-64QAM	L	Inner_1RB_Left	20.96	20.86	30	PASS
N77-3450-3550	30	60	DFT-64QAM	L	Inner_1RB_Right	20.77	20.67	30	PASS
N77-3450-3550	30	60	DFT-64QAM	L	Outer_Full	20.36	20.26	30	PASS
N77-3450-3550	30	60	DFT-256QAM	L	Inner_1RB_Left	18.21	18.11	30	PASS
N77-3450-3550	30	60	DFT-256QAM	L	Inner_1RB_Right	18.48	18.38	30	PASS
N77-3450-3550	30	60	DFT-256QAM	L	Outer_Full	18.08	17.98	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	M	Inner_1RB_Left	23.81	23.71	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	M	Inner_1RB_Right	23.34	23.24	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	M	Outer_Full	22.22	22.12	30	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Inner_1RB_Left	23.18	23.08	30	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Inner_1RB_Right	23.35	23.25	30	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	21.57	21.47	30	PASS
N77-3450-3550	30	60	DFT-16QAM	M	Inner_1RB_Left	22.33	22.23	30	PASS
N77-3450-3550	30	60	DFT-16QAM	M	Inner_1RB_Right	22.55	22.45	30	PASS
N77-3450-3550	30	60	DFT-16QAM	M	Outer_Full	20.32	20.22	30	PASS
N77-3450-3550	30	60	DFT-64QAM	M	Inner_1RB_Left	20.43	20.33	30	PASS
N77-3450-3550	30	60	DFT-64QAM	M	Inner_1RB_Right	20.16	20.06	30	PASS
N77-3450-3550	30	60	DFT-64QAM	M	Outer_Full	19.95	19.85	30	PASS
N77-3450-3550	30	60	DFT-256QAM	M	Inner_1RB_Left	17.81	17.71	30	PASS
N77-3450-3550	30	60	DFT-256QAM	M	Inner_1RB_Right	17.43	17.33	30	PASS
N77-3450-3550	30	60	DFT-256QAM	M	Outer_Full	18.10	18.00	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	H	Inner_1RB_Left	22.95	22.85	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	H	Inner_1RB_Right	22.96	22.86	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	H	Outer_Full	21.25	21.15	30	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Inner_1RB_Left	23.16	23.06	30	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Inner_1RB_Right	22.85	22.75	30	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Outer_Full	20.78	20.68	30	PASS



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N77-3450-3550	30	60	DFT-16QAM	H	Inner_1RB_Left	21.97	21.87	30	PASS
N77-3450-3550	30	60	DFT-16QAM	H	Inner_1RB_Right	21.95	21.85	30	PASS
N77-3450-3550	30	60	DFT-16QAM	H	Outer_Full	19.70	19.60	30	PASS
N77-3450-3550	30	60	DFT-64QAM	H	Inner_1RB_Left	19.79	19.69	30	PASS
N77-3450-3550	30	60	DFT-64QAM	H	Inner_1RB_Right	19.67	19.57	30	PASS
N77-3450-3550	30	60	DFT-64QAM	H	Outer_Full	19.25	19.15	30	PASS
N77-3450-3550	30	60	DFT-256QAM	H	Inner_1RB_Left	17.35	17.25	30	PASS
N77-3450-3550	30	60	DFT-256QAM	H	Inner_1RB_Right	17.07	16.97	30	PASS
N77-3450-3550	30	60	DFT-256QAM	H	Outer_Full	17.32	17.22	30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	L	Inner_1RB_Left	23.90	23.80	30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	L	Inner_1RB_Right	23.63	23.53	30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	L	Outer_Full	22.48	22.38	30	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Inner_1RB_Left	24.07	23.97	30	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Inner_1RB_Right	23.31	23.21	30	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Outer_Full	22.61	22.51	30	PASS
N77-3450-3550	30	80	DFT-16QAM	L	Inner_1RB_Left	21.52	21.42	30	PASS
N77-3450-3550	30	80	DFT-16QAM	L	Inner_1RB_Right	21.72	21.62	30	PASS
N77-3450-3550	30	80	DFT-16QAM	L	Outer_Full	21.22	21.12	30	PASS
N77-3450-3550	30	80	DFT-64QAM	L	Inner_1RB_Left	20.39	20.29	30	PASS
N77-3450-3550	30	80	DFT-64QAM	L	Inner_1RB_Right	20.50	20.40	30	PASS
N77-3450-3550	30	80	DFT-64QAM	L	Outer_Full	20.04	19.94	30	PASS
N77-3450-3550	30	80	DFT-256QAM	L	Inner_1RB_Left	18.36	18.26	30	PASS
N77-3450-3550	30	80	DFT-256QAM	L	Inner_1RB_Right	18.15	18.05	30	PASS
N77-3450-3550	30	80	DFT-256QAM	L	Outer_Full	17.75	17.65	30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	M	Inner_1RB_Left	23.89	23.79	30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	M	Inner_1RB_Right	23.15	23.05	30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	M	Outer_Full	22.00	21.90	30	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Inner_1RB_Left	23.81	23.71	30	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Inner_1RB_Right	22.92	22.82	30	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	23.69	23.59	30	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Inner_1RB_Left	22.72	22.62	30	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Inner_1RB_Right	22.60	22.50	30	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Outer_Full	22.03	21.93	30	PASS
N77-3450-3550	30	80	DFT-64QAM	M	Inner_1RB_Left	21.62	21.52	30	PASS
N77-3450-3550	30	80	DFT-64QAM	M	Inner_1RB_Right	21.18	21.08	30	PASS
N77-3450-3550	30	80	DFT-64QAM	M	Outer_Full	21.18	21.08	30	PASS
N77-3450-3550	30	80	DFT-256QAM	M	Inner_1RB_Left	18.05	17.95	30	PASS



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Table with 10 columns: Test ID, Parameter 1, Parameter 2, Modulation, Method, Metric 1, Metric 2, Metric 3, Metric 4, Result. Rows include various modulation types like DFT-256QAM, DFT-PI2BPSK, DFT-QPSK, and DFT-16QAM.



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Table with 10 columns: ID, Parameter 1, Parameter 2, Modulation, Mode, Test Item, Value 1, Value 2, Pass/Fail, Result. Contains 40 rows of test data for various modulation schemes like DFT-QPSK, DFT-16QAM, DFT-64QAM, DFT-256QAM, and DFT-PI2BPSK.



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N77-3450-3550	30	100	DFT-256QAM	L	Inner_1RB_Left	18.85	18.75	30	PASS
N77-3450-3550	30	100	DFT-256QAM	L	Inner_1RB_Right	17.74	17.64	30	PASS
N77-3450-3550	30	100	DFT-256QAM	L	Outer_Full	18.32	18.22	30	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	23.47	23.37	30	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	22.92	22.82	30	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	22.25	22.15	30	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Inner_1RB_Left	23.37	23.27	30	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Inner_1RB_Right	23.24	23.14	30	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	21.22	21.12	30	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Inner_1RB_Left	22.95	22.85	30	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Inner_1RB_Right	22.51	22.41	30	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Outer_Full	20.30	20.20	30	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Inner_1RB_Left	20.68	20.58	30	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Inner_1RB_Right	19.90	19.80	30	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Outer_Full	19.90	19.80	30	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Inner_1RB_Left	17.83	17.73	30	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Inner_1RB_Right	17.74	17.64	30	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Outer_Full	18.06	17.96	30	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	23.91	23.81	30	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	22.55	22.45	30	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	H	Outer_Full	22.05	21.95	30	PASS
N77-3450-3550	30	100	DFT-QPSK	H	Inner_1RB_Left	23.47	23.37	30	PASS
N77-3450-3550	30	100	DFT-QPSK	H	Inner_1RB_Right	22.70	22.60	30	PASS
N77-3450-3550	30	100	DFT-QPSK	H	Outer_Full	21.47	21.37	30	PASS
N77-3450-3550	30	100	DFT-16QAM	H	Inner_1RB_Left	22.80	22.70	30	PASS
N77-3450-3550	30	100	DFT-16QAM	H	Inner_1RB_Right	21.44	21.34	30	PASS
N77-3450-3550	30	100	DFT-16QAM	H	Outer_Full	20.19	20.09	30	PASS
N77-3450-3550	30	100	DFT-64QAM	H	Inner_1RB_Left	20.79	20.69	30	PASS
N77-3450-3550	30	100	DFT-64QAM	H	Inner_1RB_Right	19.67	19.57	30	PASS
N77-3450-3550	30	100	DFT-64QAM	H	Outer_Full	19.72	19.62	30	PASS
N77-3450-3550	30	100	DFT-256QAM	H	Inner_1RB_Left	18.28	18.18	30	PASS
N77-3450-3550	30	100	DFT-256QAM	H	Inner_1RB_Right	17.49	17.39	30	PASS
N77-3450-3550	30	100	DFT-256QAM	H	Outer_Full	18.05	17.95	30	PASS



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### Field Strength of Spurious Radiation

Test Band = SA n77\_100MHz\_TM1

Test Channel = Mid3450-3550 ANT3

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6910.1800	40.50	-43.80	35.04	-63.53	-13.00	50.53	215	166	Horizontal
2	8380.25	39.50	-41.47	36.61	-60.62	-13.00	47.62	142	317	Horizontal
3	8909.825	37.98	-40.91	36.35	-61.84	-13.00	48.84	126	60	Horizontal
4	10365.2700	33.52	-38.81	38.38	-62.16	-13.00	49.16	135	14	Horizontal
5	13820.3600	28.57	-36.11	40.58	-62.22	-13.00	49.22	199	135	Horizontal
6	17275.4500	30.91	-35.16	43.54	-55.97	-13.00	42.97	182	75	Horizontal

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	40.12	-43.80	35.04	-63.91	-13.00	50.91	254	356	Vertical
2	8307.225	39.46	-41.83	36.65	-60.99	-13.00	47.99	188	150	Vertical
3	9421	36.84	-39.93	37.10	-61.25	-13.00	48.25	189	285	Vertical
4	10365.2700	33.33	-38.81	38.38	-62.35	-13.00	49.35	156	135	Vertical
5	13820.3600	28.81	-36.11	40.58	-61.98	-13.00	48.98	146	344	Vertical
6	17275.4500	31.11	-35.16	43.54	-55.77	-13.00	42.77	136	0	Vertical



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**Test Band = SA n77\_100MHz\_TM1**  
**Test Channel = Mid3450-3550 ANT5**

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6910.1800	40.73	-43.80	35.04	-63.30	-13.00	50.30	211	105	Horizontal
2	8021.45	39.41	-41.96	36.79	-61.02	-13.00	48.02	102	74	Horizontal
3	8932.825	37.98	-40.90	36.33	-61.84	-13.00	48.84	186	210	Horizontal
4	10365.2700	32.61	-38.81	38.38	-63.07	-13.00	50.07	142	359	Horizontal
5	13820.3600	28.24	-36.11	40.58	-62.55	-13.00	49.55	159	74	Horizontal
6	17275.4500	30.98	-35.16	43.54	-55.90	-13.00	42.90	183	74	Horizontal

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	40.03	-43.80	35.04	-64.00	-13.00	51.00	230	1	Vertical
2	8367.025	39.29	-41.53	36.62	-60.89	-13.00	47.89	155	0	Vertical
3	8764.925	38.31	-41.21	36.42	-61.74	-13.00	48.74	174	1	Vertical
4	10365.2700	33.79	-38.81	38.38	-61.89	-13.00	48.89	189	224	Vertical
5	13820.3600	28.33	-36.11	40.58	-62.46	-13.00	49.46	156	74	Vertical
6	17275.4500	30.20	-35.16	43.54	-56.68	-13.00	43.68	219	224	Vertical



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Test Band = NSA 41A\_n77A\_TM1

Test Channel = Mid3450-3550 ANT3

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6910.1800	39.98	-43.80	35.04	-64.05	-13.00	51.05	152	120	Horizontal
2	8243.975	38.97	-42.03	36.68	-61.64	-13.00	48.64	142	255	Horizontal
3	8664.3	38.56	-41.18	36.47	-61.41	-13.00	48.41	184	226	Horizontal
4	10365.2700	33.85	-38.81	38.38	-61.83	-13.00	48.83	156	3	Horizontal
5	13820.3600	28.72	-36.11	40.58	-62.07	-13.00	49.07	186	90	Horizontal
6	17275.4500	31.43	-35.16	43.54	-55.45	-13.00	42.45	136	331	Horizontal

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	40.35	-43.80	35.04	-63.68	-13.00	50.68	154	330	Vertical
2	8406.7	39.44	-41.40	36.60	-60.62	-13.00	47.62	199	272	Vertical
3	9143.85	37.04	-40.21	36.57	-61.85	-13.00	48.85	186	13	Vertical
4	10365.2700	33.42	-38.81	38.38	-62.26	-13.00	49.26	142	70	Vertical
5	13820.3600	29.07	-36.11	40.58	-61.72	-13.00	48.72	153	240	Vertical
6	17275.4500	31.36	-35.16	43.54	-55.52	-13.00	42.52	251	286	Vertical



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**Test Band = NSA 41A\_n77A\_TM1**  
**Test Channel = Mid3450-3550 ANT5**

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6910.1800	40.40	-43.80	35.04	-63.63	-13.00	50.63	231	332	Horizontal
2	8336.55	38.65	-41.69	36.63	-61.67	-13.00	48.67	126	225	Horizontal
3	8645.9	38.37	-41.10	36.48	-61.51	-13.00	48.51	251	4	Horizontal
4	10365.2700	32.89	-38.81	38.38	-62.79	-13.00	49.79	148	91	Horizontal
5	13820.3600	29.10	-36.11	40.58	-61.69	-13.00	48.69	174	91	Horizontal
6	17275.4500	30.47	-35.16	43.54	-56.41	-13.00	43.41	196	179	Horizontal

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	40.18	-43.80	35.04	-63.85	-13.00	50.85	245	346	Vertical
2	8853.475	37.92	-41.02	36.37	-61.98	-13.00	48.98	126	60	Vertical
3	9589.475	36.34	-39.28	37.42	-60.78	-13.00	47.78	158	60	Vertical
4	10365.2700	32.81	-38.81	38.38	-62.87	-13.00	49.87	196	196	Vertical
5	13820.3600	28.52	-36.11	40.58	-62.27	-13.00	49.27	210	212	Vertical
6	17275.4500	30.02	-35.16	43.54	-56.86	-13.00	43.86	144	7	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---



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