

Appendix-B NR Band n30

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	BW	Modulation	CH	RB Config	Power (dBm)	EIRP (dBm)	Verdict
n30	15	5	DFT-BPSK	L	Inner_1RB_Left	19.79	22.79	PASS
n30	15	5	DFT-BPSK	L	Inner_1RB_Right	19.7	22.7	PASS
n30	15	5	DFT-BPSK	L	Inner_Full	19.75	22.75	PASS
n30	15	5	DFT-BPSK	L	Outer_Full	19.29	22.29	PASS
n30	15	5	DFT-QPSK	L	Inner_1RB_Left	19.72	22.72	PASS
n30	15	5	DFT-QPSK	L	Inner_1RB_Right	19.75	22.75	PASS
n30	15	5	DFT-QPSK	L	Inner_Full	19.76	22.76	PASS
n30	15	5	DFT-QPSK	L	Outer_Full	18.79	21.79	PASS
n30	15	5	DFT-16QAM	L	Inner_1RB_Left	18.68	21.68	PASS
n30	15	5	DFT-16QAM	L	Inner_1RB_Right	18.73	21.73	PASS
n30	15	5	DFT-16QAM	L	Inner_Full	18.81	21.81	PASS
n30	15	5	DFT-16QAM	L	Outer_Full	17.82	20.82	PASS
n30	15	5	DFT-64QAM	L	Inner_1RB_Left	17.38	20.38	PASS
n30	15	5	DFT-64QAM	L	Inner_1RB_Right	17.41	20.41	PASS
n30	15	5	DFT-64QAM	L	Inner_Full	17.33	20.33	PASS
n30	15	5	DFT-64QAM	L	Outer_Full	17.3	20.3	PASS
n30	15	5	DFT-256QAM	L	Inner_1RB_Left	14.66	17.66	PASS
n30	15	5	DFT-256QAM	L	Inner_1RB_Right	14.7	17.7	PASS
n30	15	5	DFT-256QAM	L	Inner_Full	15.25	18.25	PASS
n30	15	5	DFT-256QAM	L	Outer_Full	15.15	18.15	PASS
n30	15	5	DFT-BPSK	M	Inner_1RB_Left	19.82	22.82	PASS
n30	15	5	DFT-BPSK	M	Inner_1RB_Right	19.78	22.78	PASS
n30	15	5	DFT-BPSK	M	Inner_Full	19.96	22.96	PASS
n30	15	5	DFT-BPSK	M	Outer_Full	19.34	22.34	PASS
n30	15	5	DFT-QPSK	M	Inner_1RB_Left	19.67	22.67	PASS
n30	15	5	DFT-QPSK	M	Inner_1RB_Right	19.7	22.7	PASS
n30	15	5	DFT-QPSK	M	Inner_Full	19.76	22.76	PASS
n30	15	5	DFT-QPSK	M	Outer_Full	18.68	21.68	PASS
n30	15	5	DFT-16QAM	M	Inner_1RB_Left	18.71	21.71	PASS
n30	15	5	DFT-16QAM	M	Inner_1RB_Right	18.67	21.67	PASS
n30	15	5	DFT-16QAM	M	Inner_Full	18.8	21.8	PASS
n30	15	5	DFT-16QAM	M	Outer_Full	17.78	20.78	PASS
n30	15	5	DFT-64QAM	M	Inner_1RB_Left	17.39	20.39	PASS
n30	15	5	DFT-64QAM	M	Inner_1RB_Right	17.36	20.36	PASS
n30	15	5	DFT-64QAM	M	Inner_Full	17.41	20.41	PASS
n30	15	5	DFT-64QAM	M	Outer_Full	17.28	20.28	PASS
n30	15	5	DFT-256QAM	M	Inner_1RB_Left	14.79	17.79	PASS
n30	15	5	DFT-256QAM	M	Inner_1RB_Right	14.75	17.75	PASS

n30	15	5	DFT-256QAM	M	Inner_Full	15.31	18.31	PASS
n30	15	5	DFT-256QAM	M	Outer_Full	15.2	18.2	PASS
n30	15	5	DFT-BPSK	H	Inner_1RB_Left	19.85	22.85	PASS
n30	15	5	DFT-BPSK	H	Inner_1RB_Right	19.84	22.84	PASS
n30	15	5	DFT-BPSK	H	Inner_Full	19.99	22.99	PASS
n30	15	5	DFT-BPSK	H	Outer_Full	19.43	22.43	PASS
n30	15	5	DFT-QPSK	H	Inner_1RB_Left	19.78	22.78	PASS
n30	15	5	DFT-QPSK	H	Inner_1RB_Right	19.77	22.77	PASS
n30	15	5	DFT-QPSK	H	Inner_Full	19.89	22.89	PASS
n30	15	5	DFT-QPSK	H	Outer_Full	18.78	21.78	PASS
n30	15	5	DFT-16QAM	H	Inner_1RB_Left	18.82	21.82	PASS
n30	15	5	DFT-16QAM	H	Inner_1RB_Right	18.81	21.81	PASS
n30	15	5	DFT-16QAM	H	Inner_Full	18.86	21.86	PASS
n30	15	5	DFT-16QAM	H	Outer_Full	17.95	20.95	PASS
n30	15	5	DFT-64QAM	H	Inner_1RB_Left	17.53	20.53	PASS
n30	15	5	DFT-64QAM	H	Inner_1RB_Right	17.5	20.5	PASS
n30	15	5	DFT-64QAM	H	Inner_Full	17.48	20.48	PASS
n30	15	5	DFT-64QAM	H	Outer_Full	17.4	20.4	PASS
n30	15	5	DFT-256QAM	H	Inner_1RB_Left	14.84	17.84	PASS
n30	15	5	DFT-256QAM	H	Inner_1RB_Right	14.84	17.84	PASS
n30	15	5	DFT-256QAM	H	Inner_Full	15.34	18.34	PASS
n30	15	5	DFT-256QAM	H	Outer_Full	15.3	18.3	PASS
n30	15	10	DFT-BPSK	L	Inner_1RB_Left	19.82	22.82	PASS
n30	15	10	DFT-BPSK	L	Inner_1RB_Right	19.88	22.88	PASS
n30	15	10	DFT-BPSK	L	Inner_Full	19.88	22.88	PASS
n30	15	10	DFT-BPSK	L	Outer_Full	19.3	22.3	PASS
n30	15	10	DFT-QPSK	L	Inner_1RB_Left	19.81	22.81	PASS
n30	15	10	DFT-QPSK	L	Inner_1RB_Right	19.94	22.94	PASS
n30	15	10	DFT-QPSK	L	Inner_Full	19.81	22.81	PASS
n30	15	10	DFT-QPSK	L	Outer_Full	18.69	21.69	PASS
n30	15	10	DFT-16QAM	L	Inner_1RB_Left	18.74	21.74	PASS
n30	15	10	DFT-16QAM	L	Inner_1RB_Right	18.75	21.75	PASS
n30	15	10	DFT-16QAM	L	Inner_Full	18.82	21.82	PASS
n30	15	10	DFT-16QAM	L	Outer_Full	17.78	20.78	PASS
n30	15	10	DFT-64QAM	L	Inner_1RB_Left	17.44	20.44	PASS
n30	15	10	DFT-64QAM	L	Inner_1RB_Right	17.45	20.45	PASS
n30	15	10	DFT-64QAM	L	Inner_Full	17.39	20.39	PASS
n30	15	10	DFT-64QAM	L	Outer_Full	17.28	20.28	PASS
n30	15	10	DFT-256QAM	L	Inner_1RB_Left	14.79	17.79	PASS
n30	15	10	DFT-256QAM	L	Inner_1RB_Right	14.67	17.67	PASS
n30	15	10	DFT-256QAM	L	Inner_Full	15.25	18.25	PASS
n30	15	10	DFT-256QAM	L	Outer_Full	15.27	18.27	PASS
n30	15	10	DFT-BPSK	M	Inner_1RB_Left	19.82	22.82	PASS
n30	15	10	DFT-BPSK	M	Inner_1RB_Right	19.94	22.94	PASS
n30	15	10	DFT-BPSK	M	Inner_Full	19.84	22.84	PASS

n30	15	10	DFT-BPSK	M	Outer_Full	19.29	22.29	PASS
n30	15	10	DFT-QPSK	M	Inner_1RB_Left	19.84	22.84	PASS
n30	15	10	DFT-QPSK	M	Inner_1RB_Right	19.85	22.85	PASS
n30	15	10	DFT-QPSK	M	Inner_Full	19.81	22.81	PASS
n30	15	10	DFT-QPSK	M	Outer_Full	18.78	21.78	PASS
n30	15	10	DFT-16QAM	M	Inner_1RB_Left	18.7	21.7	PASS
n30	15	10	DFT-16QAM	M	Inner_1RB_Right	18.81	21.81	PASS
n30	15	10	DFT-16QAM	M	Inner_Full	18.77	21.77	PASS
n30	15	10	DFT-16QAM	M	Outer_Full	17.73	20.73	PASS
n30	15	10	DFT-64QAM	M	Inner_1RB_Left	17.42	20.42	PASS
n30	15	10	DFT-64QAM	M	Inner_1RB_Right	17.54	20.54	PASS
n30	15	10	DFT-64QAM	M	Inner_Full	17.35	20.35	PASS
n30	15	10	DFT-64QAM	M	Outer_Full	17.36	20.36	PASS
n30	15	10	DFT-256QAM	M	Inner_1RB_Left	14.76	17.76	PASS
n30	15	10	DFT-256QAM	M	Inner_1RB_Right	14.74	17.74	PASS
n30	15	10	DFT-256QAM	M	Inner_Full	15.32	18.32	PASS
n30	15	10	DFT-256QAM	M	Outer_Full	15.23	18.23	PASS
n30	15	10	DFT-BPSK	H	Inner_1RB_Left	19.85	22.85	PASS
n30	15	10	DFT-BPSK	H	Inner_1RB_Right	19.84	22.84	PASS
n30	15	10	DFT-BPSK	H	Inner_Full	19.86	22.86	PASS
n30	15	10	DFT-BPSK	H	Outer_Full	19.23	22.23	PASS
n30	15	10	DFT-QPSK	H	Inner_1RB_Left	19.83	22.83	PASS
n30	15	10	DFT-QPSK	H	Inner_1RB_Right	19.88	22.88	PASS
n30	15	10	DFT-QPSK	H	Inner_Full	19.83	22.83	PASS
n30	15	10	DFT-QPSK	H	Outer_Full	18.81	21.81	PASS
n30	15	10	DFT-16QAM	H	Inner_1RB_Left	18.7	21.7	PASS
n30	15	10	DFT-16QAM	H	Inner_1RB_Right	18.83	21.83	PASS
n30	15	10	DFT-16QAM	H	Inner_Full	18.77	21.77	PASS
n30	15	10	DFT-16QAM	H	Outer_Full	17.74	20.74	PASS
n30	15	10	DFT-64QAM	H	Inner_1RB_Left	17.42	20.42	PASS
n30	15	10	DFT-64QAM	H	Inner_1RB_Right	17.55	20.55	PASS
n30	15	10	DFT-64QAM	H	Inner_Full	17.38	20.38	PASS
n30	15	10	DFT-64QAM	H	Outer_Full	17.26	20.26	PASS
n30	15	10	DFT-256QAM	H	Inner_1RB_Left	14.81	17.81	PASS
n30	15	10	DFT-256QAM	H	Inner_1RB_Right	14.67	17.67	PASS
n30	15	10	DFT-256QAM	H	Inner_Full	15.26	18.26	PASS
n30	15	10	DFT-256QAM	H	Outer_Full	15.25	18.25	PASS

Maximum EIRP and Maximum PSD

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (dBm/5MHz)	EIRP (dBm/5MHz)	Limit (dBm/5MHz)	Verdict
n30	15	5	DFT-BPSK	L	Inner_1RB_Left	19.67	22.67	23.98	PASS
n30	15	5	DFT-BPSK	L	Inner_1RB_Right	19.58	22.58	23.98	PASS
n30	15	5	DFT-BPSK	L	Outer_Full	18.56	21.56	23.98	PASS
n30	15	5	DFT-BPSK	M	Inner_1RB_Left	19.74	22.74	23.98	PASS
n30	15	5	DFT-BPSK	M	Inner_1RB_Right	19.58	22.58	23.98	PASS
n30	15	5	DFT-BPSK	M	Outer_Full	18.62	21.62	23.98	PASS
n30	15	5	DFT-BPSK	H	Inner_1RB_Left	19.67	22.67	23.98	PASS
n30	15	5	DFT-BPSK	H	Inner_1RB_Right	19.65	22.65	23.98	PASS
n30	15	5	DFT-BPSK	H	Outer_Full	18.62	21.62	23.98	PASS
n30	15	10	DFT-BPSK	L	Inner_1RB_Left	19.72	22.72	23.98	PASS
n30	15	10	DFT-BPSK	L	Inner_1RB_Right	19.66	22.66	23.98	PASS
n30	15	10	DFT-BPSK	L	Outer_Full	16.6	19.6	23.98	PASS
n30	15	10	DFT-BPSK	M	Inner_1RB_Left	19.92	22.92	23.98	PASS
n30	15	10	DFT-BPSK	M	Inner_1RB_Right	19.68	22.68	23.98	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	16.57	19.57	23.98	PASS
n30	15	10	DFT-BPSK	H	Inner_1RB_Left	19.79	22.79	23.98	PASS
n30	15	10	DFT-BPSK	H	Inner_1RB_Right	19.86	22.86	23.98	PASS
n30	15	10	DFT-BPSK	H	Outer_Full	16.56	19.56	23.98	PASS

~The End~