



# Appendix B.18

## NR CA\_n77C(3450-3550)



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**Effective (Isotropic) Radiated Power Output Data for SA for**  
**ZEWM2306000857RG02**

**Test Result**

ANT3

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power	EIRP	LIMIT	Verdict
N77C	30	40+60	DFT-QPSK	631334+634662	Inner_1RB_Left	21.63	19.33	30	PASS
N77C	30	40+60	DFT-QPSK	631334+634662	Inner_1RB_Right	21.54	19.24	30	PASS
N77C	30	40+60	DFT-QPSK	631334+634662	Outer_Full	19.86	17.56	30	PASS
N77C	30	40+60	DFT-256QAM	631334+634662	Inner_1RB_Left	17.81	15.51	30	PASS
N77C	30	40+60	DFT-256QAM	631334+634662	Inner_1RB_Right	17.72	15.42	30	PASS
N77C	30	40+60	DFT-256QAM	631334+634662	Outer_Full	17.39	15.09	30	PASS



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**Effective (Isotropic) Radiated Power Output Data for SA for**  
**ZEWM2306000856RG02**

**Test Result**

ANT3

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power	EIRP	LIMIT	Verdict
N77C	30	40+60	DFT-QPSK	631334+634662	Inner_1RB_Left	21.61	19.31	30	PASS
N77C	30	40+60	DFT-QPSK	631334+634662	Inner_1RB_Right	21.55	19.25	30	PASS
N77C	30	40+60	DFT-QPSK	631334+634662	Outer_Full	19.73	17.43	30	PASS
N77C	30	40+60	DFT-256QAM	631334+634662	Inner_1RB_Left	17.93	15.63	30	PASS
N77C	30	40+60	DFT-256QAM	631334+634662	Inner_1RB_Right	17.75	15.45	30	PASS
N77C	30	40+60	DFT-256QAM	631334+634662	Outer_Full	17.47	15.17	30	PASS



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## 26dB Bandwidth and Occupied Bandwidth for SA

### Test Result

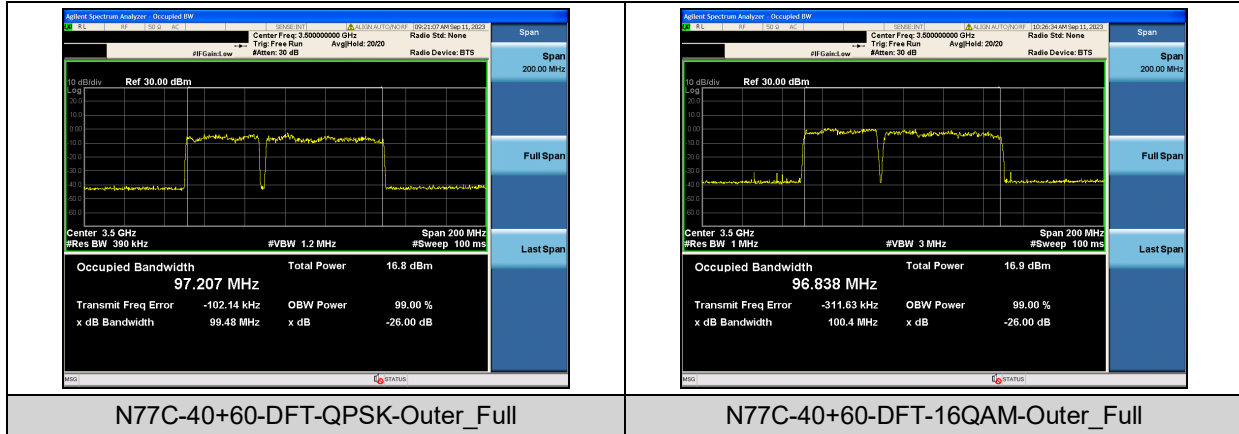
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
77	30	40+60	DFT-QPSK	631334+634662	Outer_Full	97.21	99.48	PASS
77	30	40+60	DFT-QPSK	631334+634662	Outer_Full	96.84	100.4	PASS



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## Occupied Bandwidth Test Graphs



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**Field Strength of Spurious Radiation**

**Test Band = SA Band 77C 3450-3550\_TM1**

**Test Channel = Mid Channel**

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7331.3542	46.28	-45.87	36.40	-58.45	-13.00	45.45	Horizontal
2	8505.7917	45.24	-43.71	36.91	-56.82	-13.00	43.82	Horizontal
3	10808.6667	40.90	-40.43	39.23	-55.56	-13.00	42.56	Horizontal
4	12051.1458	40.82	-38.99	39.17	-54.26	-13.00	41.26	Horizontal
5	14323.3542	39.57	-38.76	40.64	-53.81	-13.00	40.81	Horizontal
6	15697.125	37.72	-37.87	38.78	-56.64	-13.00	43.64	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7329.4375	46.37	-45.88	36.39	-58.38	-13.00	45.38	Vertical
2	8742.9792	45.30	-43.76	37.24	-56.48	-13.00	43.48	Vertical
3	10052.5417	42.24	-41.68	38.55	-56.15	-13.00	43.15	Vertical
4	11142.1667	40.92	-40.04	39.37	-55.01	-13.00	42.01	Vertical
5	12420.1042	40.35	-38.41	38.95	-54.37	-13.00	41.37	Vertical
6	14336.7708	39.52	-38.75	40.63	-53.86	-13.00	40.86	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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