



ABN 43 064 478 842

➤ 231 osborne avenue clayton south, vic 3169
PO box 1548, clayton south, vic 3169
t 03 9265 7400 f 03 9558 0875
freecall 1800 680 680
www.tmgtestequipment.com.au

Test & Measurement

- sales
- rentals
- calibration
- repair
- disposal

Complimentary Reference Material

This PDF has been made available as a complimentary service for you to assist in evaluating this model for your testing requirements.

TMG offers a wide range of test equipment solutions, from renting short to long term, buying refurbished and purchasing new. Financing options, such as Financial Rental, and Leasing are also available on application.

TMG will assist if you are unsure whether this model will suit your requirements.

Call TMG if you need to organise repair and/or calibrate your unit.

If you click on the “Click-to-Call” logo below, you can call us for FREE!

TMG Corporate Website

TMG Products Website



Click-to-Call
TMG Now



Disclaimer:

All trademarks appearing within this PDF are trademarks of their respective owners.





Specifications

GWRD0800 (AMPS/NAMPS) Receiver

Frequency Coverage (Dual bands switched inside the receiver) 824 – 849 MHz
869 – 894 MHz

Minimum tuning resolution 10 KHz; 12.5 KHz; 15 KHz

Tuning Time (\leq 25 MHz in selected band) 10 ms.

Sensitivity (12 dB Sinad) < -118 dBm

RSSI Accuracy (AMPS) over Frequency Band

Temperature Range	Accuracy (Level Range)
68 to 80 °F	± 1 dB (-115 to -55 dBm) ± 2 dB (-120 to -115 dBm) and (-55 to -45 dBm)
32 to 122 °F	± 2 dB (-115 to -55 dBm) ± 4 dB (-120 to -115 dBm) and (-55 to -45 dBm)

IF Bandwidths

(AMPS) 30 KHz

(NAMPS) 15 KHz

Selectivity (TIA/EIA 3380 Adjacent Channel)

(AMPS) -45 dB @ 30 KHz
-70 dB @ 60 KHz

(NAMPS) -25 dB @ 20 KHz
-70 dB @ 30 KHz

Spurious -58 dBc

Input IP3

Inside Receiver Passband -8 dBm typical

Outside Receiver Passband Improves with filter attenuation to $> +20$ dBm

Audio Distortion $< 5\%$

Input VSWR (Inside Receiver Passband) $< 2:1$

Maximum input level $+10$ dBm

