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Test & Measurement

- sales
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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.

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Specifications

GWRD1901 (PCS 1900)

Frequency Coverage (Dual bands switched inside the receiver) 1850 - 1920 MHz
1920 - 1990 MHz

Tuning resolution 20 KHz and 30 KHz

Tuning Time (\leq 60 MHz in selected band) 10 ms.

Sensitivity (12 dB Sinad)

1850 - 1910 MHz	< -118 dBm
1930 - 1990 MHz	< -118 dBm
1910 - 1930 MHz	< -113 dBm

RSSI Accuracy (1850-1910 and 1930-1990)

Temperature Range	Accuracy (Level Range)
68 to 80 °F	± 1 dB (-123 to -55dBm) ± 2 dB (-128 to -123 dBm) and (-55 to -45 dBm)
32 to 122 °F	± 2 dB (-123 to -55 dBm) ± 4 dB (-128 to -123 dBm) and (-55 to -45 dBm)

RSSI Accuracy (1910 – 1930)

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IF Bandwidth 12 KHz

Selectivity (RS-204 Adjacent Channel) - 45 dB @ 30 KHz
- 70 dB @ 60 KHz

Spurious - 60 dBc

Input IP3

Inside Receiver Passband	- 15 dBm
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

