

Manufacturer's data for the TES-593

Specifications

- Measurement type Isotropic, triaxial, E-field
- Frequency range: 10MHz to 8GHz
- Wide dynamic range: typically 75dB
- Measurement range:
 - 20 mV/m to 108 V/m
 - 53 $\mu\text{A/m}$ to 286.4 mA/m
 - 1 $\mu\text{W/m}^2$ to 30.93 W/m²
 - 0 $\mu\text{W/cm}^2$ to 3.093 W/cm²
- Display type and modes
 - LCD 4 digit display
 - Instantaneous, maximum, average and maximum average
- Alarm function: Adjustable with audible buzzer
- Signal types
 - Analog RF(AM,FM,CW)
 - Digital RF(GSM,TDMA,,DECT, Wi-Fi)
- Dimensions 247 x 67 x 60 mm
- Battery required 9V DC (Alkaline).

Applications

- Electromagnetic field strength measurement
- Cellular phone base station radiation power density
- Telecommunications(CW,TDMA,GSM,DECT)
- RF safety measurement
- RF power measurement for radio transmitters
- Wireless LAN (Wi-Fi) detection, installations
- Spy camera, wireless bug finder
- Cellular/cordless phone radiation safety level
- Microwave oven leakage detection
- Personal living environment EMF safety



