

Product Name :
Wave and Antenna Trainer

Product Code :
Lab Trainers0021



Description :

Wave and Antenna Trainer - Wave and Antenna Trainer in India.

Features :

Antenna Characteristics Measurement
Mobile communication propagation experiment
Propagation modeling and loss simulation
Auto Calibration

Technical Specification :

- RF frequency : 914 MHz, 2.45GHz
- Output power : +4.5 dBm
- Local Oscillation : PLL
- Impedance : 50 Ω
- AGC dynamic range : 40 dB
- IF : 21.7 MHz
- Antenna : Yagi, Chip, Dipole, Monopole, Loop, Patch, Inverted F, Array patch

- Control method : Micro-controller
- Antenna angle control : 360°, 400 steps
- Angle control range : 0 ~ 360°
- Position calibration : Auto calibration
- Motor rotation : Front, Back, Step

Training Programs :

Introduction of the Trainer

Program installation and instruction

Dipole antenna characteristics experiment Yagi antenna
characteristics experiment Monopole antenna characteristics experiment
Loop antenna characteristics experiment

Ceramic chip antenna characteristics experiment Inverted F antenna characteristics experiment

Patch and Array Patch antenna characteristics experiment

Dipole & Yagi antenna production & analysis experiment Loop antenna production & analysis experiment

Phase delay experiment

Power attenuation characteristics experiment Multi-path fading experiment

Time delay & Dropper Effect experiment Standing wave experiment

Propagation modeling and propagation loss experiment

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