



### Turn-Key Portable Effects Tester

APELC's portable effects testing high-power RF source is the ideal platform for MIL-STD 464C testing. A fully adjustable, portable, modular, and rugged design offers maximum versatility. Easily change modular antennas, 250MHz and 400MHz, for easy center frequency adjustment. Vary electric field strength anywhere from 20 to 250kV/m @ 1m.

#### Complete system includes:

- APELC's 33 Joule Marx generator: MG15-3C-940PF
- Rugged rack stand on locking casters
  - High-voltage power supply
  - APELC's trigger generator, single-shot & variable-rate modes
  - APELC's air management system
- APELC's modular dipole antenna: 250MHz and/or 400MHz
  - 250MHz dipole bandwidth: 150-300MHz
  - 400MHz dipole bandwidth: 300-500MHz
- Operator-safe fiber optic controlled remote
- APELC's adjustable antenna test stand on locking casters

### Key Features

#### ■ Construction

*EM transparent heavy duty stand, rugged impact resistant rack, light weight antennas*

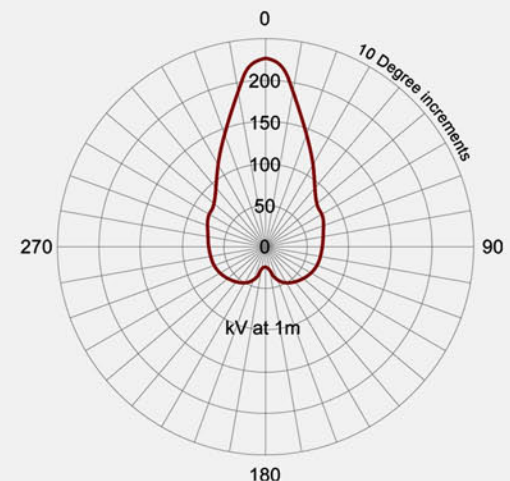
#### ■ Versatility

*Variable field strength, vertical adjustment, field polarization adjustment, azimuth adjustment, multiple antenna options*

#### ■ Specifications

Specification	Value
Stand Dimensions	128 x 60 x 36in (325 x 152 x 91cm)
Height Adjustment	30-118in (76-300cm)
Polarization	360 deg every 45 deg
Azimuth	+/- 15 deg increments
Variable Electric Field	20-250 KV/m @1m
Pulse Repetition Freq	0.1-200 Hz *
Antenna Freq. Options	250, 400 MHz
Marx Generator	33 J: MG15-3C-940PF

*\*variable-rate mode*



Typical APELC Dipole Field Pattern