

## Broadband Electromagnetic Field Meter

### EM9

Environmental Protection/5G Base Station/Broadcasting/  
Telecommunication/Aeronautical/Marine/Railway

#### Key Benefits

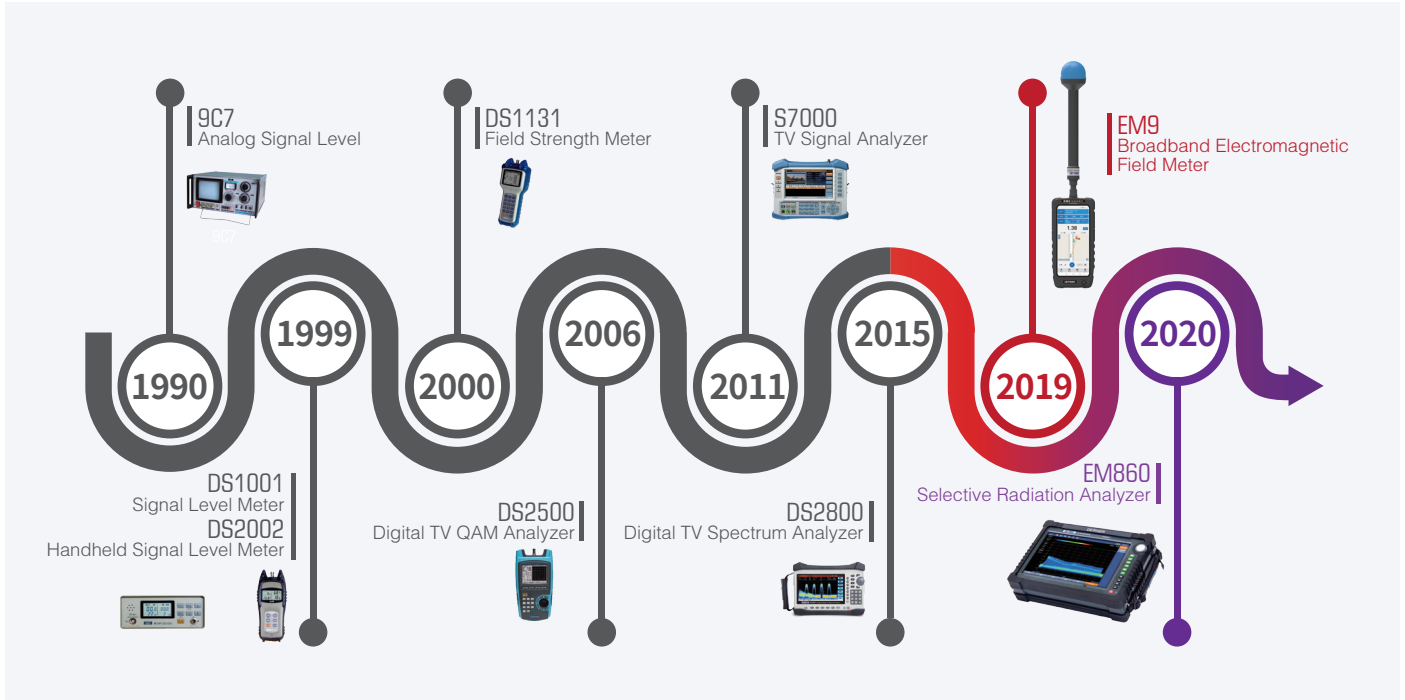
- Monitoring efficiency increased to 200% compared to traditional methods
- Quick test for antenna distance and antenna height
- Built in GPS and electronics compass
- Site condition easy record with built-in HD camera
- Record working routine and geographic information
- Access base station ID with built-in 5G SIM card
- Auto-generate of drive test data
- User defined test template
- Optional BT and fiber optics
- Operation time  $\geq 15$  hours

#### Applications

- Environmental protection
- 5G base station electromagnetic radiation safety detection
- Broadcasting and radar equipment field strength measurement and monitoring
- Measuring field strengths for general safety regulations compliance, such as the EMF Directive 2013/35/EU
- Cell phone transmitter field strength measurement for human safety standard limit compliance
- Aeronautical, marine and railway system field strength measurements and monitoring



## Deviser Field Strength Meter Roadmap



## Technical Specifications

Frequency range	DC ~ 40GHz
Electric field Measurement range	0.001V/m ~ 99.99kV/m
Magnetic field Measurement range	0.001 $\mu$ T ~ 99.00mT
Display	6.53 inches capacitive touchscreen, Resolution: 2400*1080
GNSS	Built in GPS and electronics compass
Interface	USB3.0, fiber optics(optional), type - C
Measurement range	$\geq$ 50 meters
Demodulations	5G/4G Base Station Demodulations
Measurement	Electric and magnetic field strengths measurement with isotropic probes
Wireless communication	Bluetooth and WiFi
Navigation	Support third-party navigation apps
Operation temperature	-10 $^{\circ}$ C~40 $^{\circ}$ C
Operation time	$\geq$ 15 hours / Li-ion battery 4.2v/8000mAH
Power supply	AC90~240V (AC Adapter)
Weight	< 1kg (mainframe + probe)

## Ordering Information

Probe Guide				
Model	Frequency Range	Measurement Range	Isotonicity	Linearity
T008	100kHz~6GHz	0.5~500V/m	$\leq$ $\pm$ 1.5dB	$\leq$ $\pm$ 1dB

Ordering Information		
Item	Description	Configuration
EM9 Mainframe	Broadband Electromagnetic Field Meter	Standard
Portable Carry Case	—	Standard
Power Adapter	—	Standard
Type-C Cable	—	Standard
Laser Rangefinder	—	Standard

