

DEVISER®

EM9

Broadband Electromagnetic Field Meter

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



Key Features

- Comprehensive monitoring efficiency is more than doubled than traditional method
- Quick test antenna distance and antenna height
- Built in GPS/Beidou and electronics compass
- Quick record site condition by HD camera
- Record working routine and geographic information
- Built in 5G SIM card, access base station ID directly
- Auto-generate drive test data
- User defined test template
- Bluetooth and fiber optics(optional)
- Operation time ≥ 15 hours

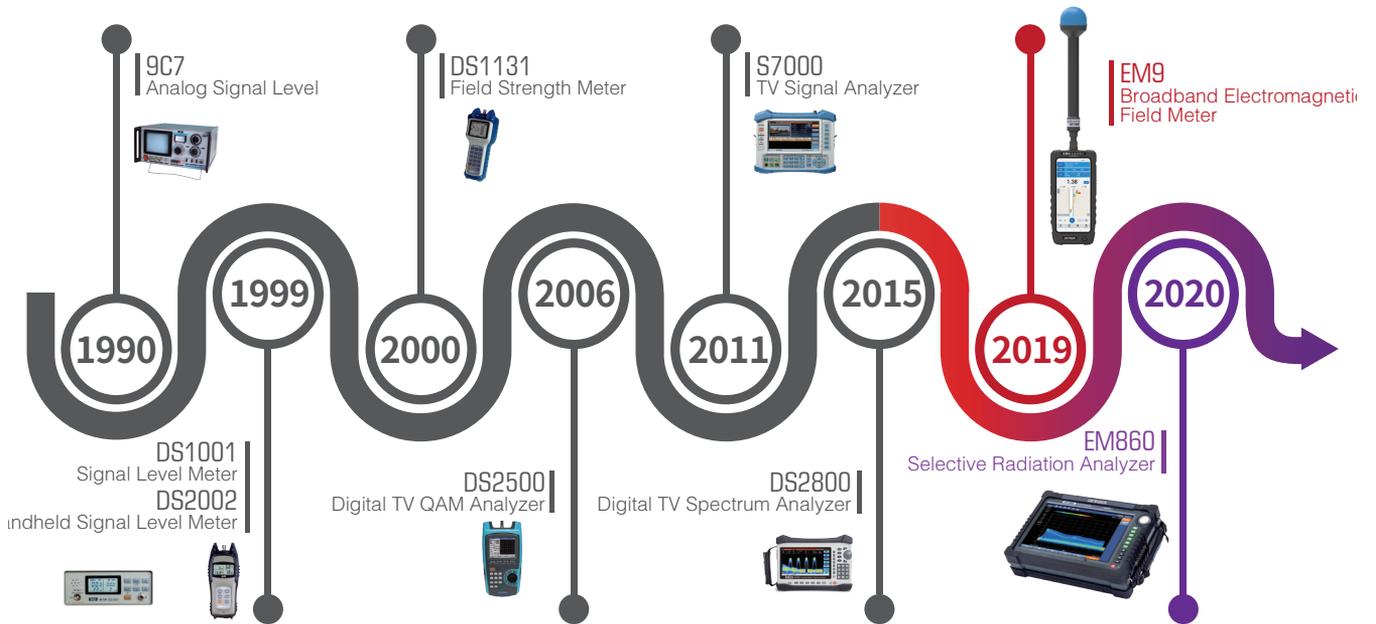


Applications

- Environmental protection
- 5G base station electromagnetic radiation safety detection
- Measuring and monitoring field strengths around broadcasting and radar equipment
- Measuring field strengths to comply with general safety regulations
- Measuring field strengths of cell phone transmitters to demonstrate compliance with human safety standard limit values
- Measuring and monitoring field strength of aeronautical, airport, marine and railway systems



Deviser Filed Meter Roadmap



Technical Specifications

Frequency range	DC ~ 40GHz
Electric field Measurement range	0.001V/m ~ 99.99kV/m
Magnetic field Measurement range	0.001 μ T ~ 99.00mT
Display	6.53 inches capacitive touchscreen, Resolution: 2400*1080
GNSS	Built in GPS/Beidou 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°C~40°C
Operation time	\geq 15 hours / Li-ion battery 4.2v/8000mAH
Power supply	AC90~240V (AC Adapter)
Weight	< 1kg (mainframe + probe)
Dimensions (L x W x H)	500mm x 100mm x 55mm

Ordering Information

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

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

