

## Broadband Electromagnetic Field Meter EM9N

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

### Key Benefits

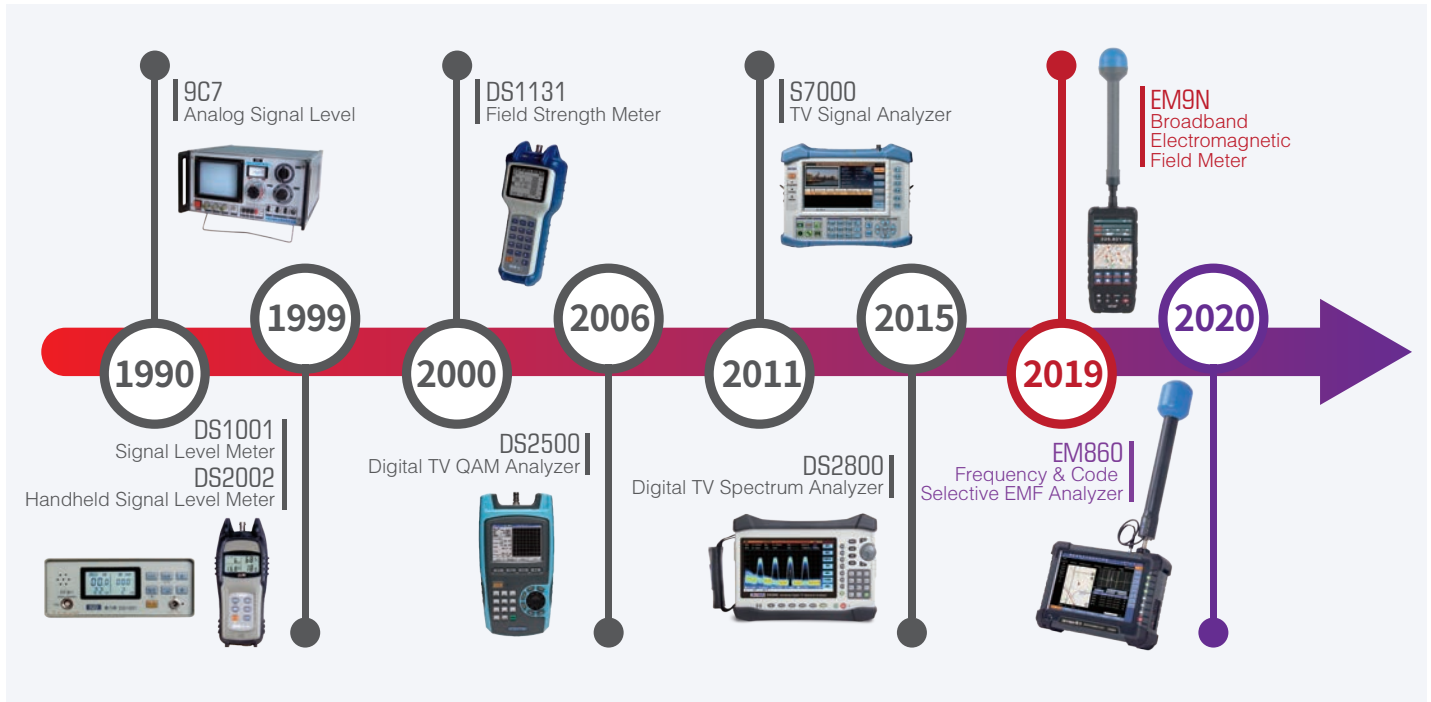
- Double efficiency in monitoring EMF than traditional methods
- Built-in GPS/GSNN receiver, electronics compass, temperature & humidity sensors
- Scenic and surrounding view with built-in HD camera
- Operation procedure and log with geographical information
- Optional 4G SIM card to capture base station ID
- Auto-generation of drive test data
- User-defined measurement templates
- Bluetooth, Wi-Fi and USB-C communication interface
- Screen capture and measurement recording for public/environment safety law enforcement
- 4GB RAM and 16GB ROM internal memory
- Cloud sever upload and integration

### Applications in EMF safety measurement and monitoring

- Public / Environmental
- 5G base station / cell tower
- TV and radio broadcasting tower
- Public safety regulation compliance
- Aviation, marine and railway system



# Roadmap of 30 years of Field Strength Meter



## Meter Specifications

Frequency range	DC to 40 GHz
Electric field measurement	0.001V/m to 99.99kV/m
Magnetic field measurement range	0.001μT to 99.00mT
Display	5.5" LCD, 1280*720 capacitive touchscreen
GNSS	Built-in GPS/GSNN receiver and electronics compass
Interface	USB type-C communication port
Measurement	Electric and magnetic field strength measurement with isotropic probes
Wireless communication	Bluetooth, Wi-Fi, optional 4G cell/SIM communication module
Navigation	Third-party navigation app integration
Operation time	≥6 hours, 7.4V/5000mAh Li-Ion battery
Weight	< 1kg (with Probe)
Dimensions (L x W x H)	500mm x 100mm x 55mm (with Probe)

## Probe Specifications

Model	Frequency	Measurement	Isotonicity	Linearity
T-6G	100 kHz to 6 GHz	0.5 to 500 V/m	≤±1.5 dB	≤±1 dB

## Ordering information

Item	Description	Configuration
EM9N	Broadband Electromagnetic Field Meter	Standard
Carry Case	Black plastic case	Standard
Power adapter	12VDC/2A adapter	Standard
T-6G	100 kHz to 6 GHz probe	Standard
EM20 Field Strength Calibrator	5V/m and 10V/m	Optional
Tripod	---	Optional

