

# EMC AVERAGE POWER SENSORS

## Specially designed for EMC applications

In EMC applications, usually only the average power is of interest. This is where the R&S®NRPxxA(N) average power sensors are the perfect fit. They cover measurement ranges that are used in telecommunications as well as the important lower frequency bands down to 8 kHz. Users benefit from the excellent properties of the three-path diode power sensors, including a dynamic range of up to 93 dB, very low modulation influence on measurements and outstanding impedance matching.

Sensor type	Frequency range	Level range	Connector type
R&S®NRP6A(N)	8 kHz to 6 GHz	-70 dBm to +23 dBm	N (m)
R&S®NRP18A(N)	8 kHz to 18 GHz	-70 dBm to +23 dBm	N (m)



R&S®NRP18AN and R&S®NRP18A  
EMC average power sensor