

5G PROBE

Electric Field Measurement in the n78 Band



PRELIMINARY. Specifications subject to change without notice.

MICRORAD

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Key Features:

- Frequency Range: 2.5 GHz ÷ 3.3 GHz
- Dynamic range: 50 dB
- Anisotropy: 1 dB @3GHz
- Sensitivity: 0.2 V/m
- Measurement Range: 150 V/m

Compatibility:

- NHT3DL and NHT310F meters
- MicroLink software for PCs running Windows

Applications:

- 5G telecommunication systems operating in the n78 band

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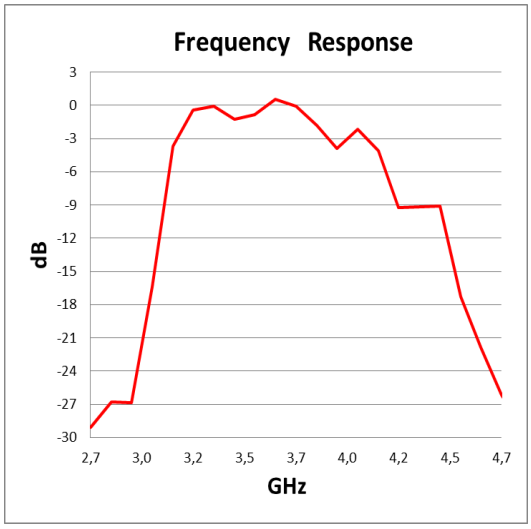
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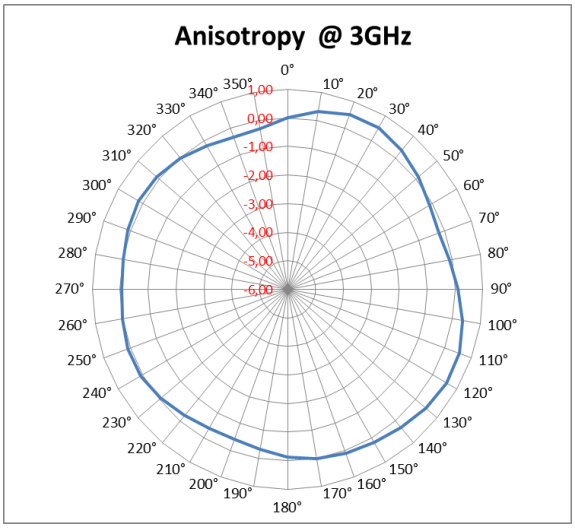
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Description:

Isotropic probe specifically designed for measuring 5G signals in the n78 band.

The probe is equipped with a band-pass filter on each axis, enabling the rejection of out-of-band interference.





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TECHNICAL SPECIFICATIONS	
Sensor Type	Tri-axial isotropic
Frequency Range	2.5 ÷ 3.3 GHz
Frequency Response	± 2 dB
Anisotropy	1 dB @3GHz
Linearity	± 0.5 dB (1 ÷ 100 V/m)
Measurement range (peak)	0,5÷ 150 V/m
Measurement range (rms)	0,2 ÷ 150 V/m
Dynamic Range	50 dB
Impulse Response	0.5 µs
Measurable PRF	100 Hz ÷ 100 kHz
Temperature error	0.01 dB/°C
Magnetic field rejection	>20 dB

GENERAL CHARACTERISTICS	
Recommended calibration interval	24 months
Operating Temperature	0°C ÷ 50°C
Humidity	Up to 90% non-condensing
Dimensions	315 x 120 Ø(mm)
Weight	250g
Country of origin	Italy
Certification	ISO 9001:2015 calibration according to IEEE 1309:2013 standard

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