

Pub. No. : TI-1697

Date : July, 1998

Measurement of Radiated Interference at 2 m



$1/4 \lambda$ whip antenna



$5/8 \lambda$ whip antenna

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4 m whip antenna



6 m whip antenna

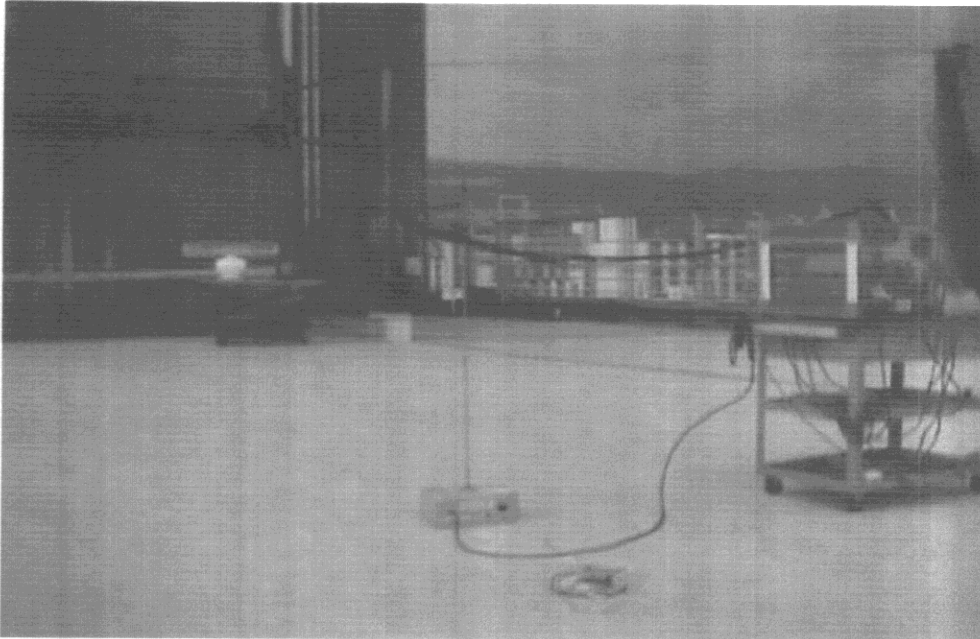


Fig. 7.1 Measuring Antenna: Broadband Rod Antenna Model 95010-1 of
Advanced Electronics
Frequency Range: 10 kHz - 20 MHz

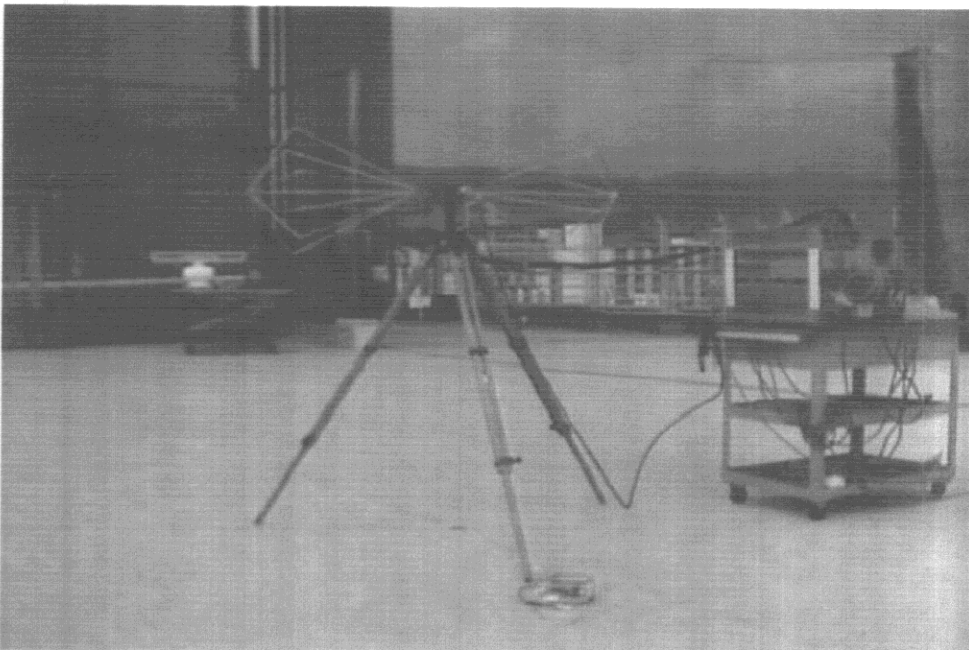


Fig. 7.2 Measuring Antenna: Biconical Antenna Model BIA-25 of Electro
Metrics
Frequency Range: 20 MHz - 200 MHz



Fig. 7.3 Measuring Antenna: Conical Log-Spiral Antenna Model LCA-25 of
Electro Metrics
Frequency Range: 200 MHz - 1 GHz

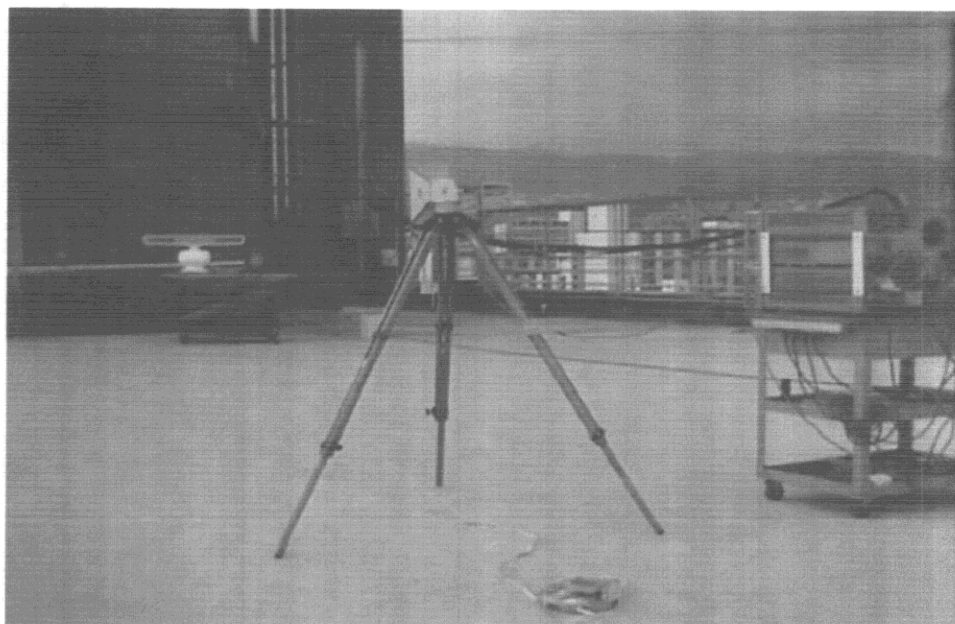


Fig. 7.4 Measuring Antenna: Double-ridged Guide Antenna Model RGA-
180 of EMD
(Notch filter was connected between 9.3 and 9.5 GHz
to ensure sufficient dynamic range of spectrum
analyzer.)
Frequency Range: 1 GHz - 18 GHz



Fig. 7.5

Measuring Antenna:

Toshiba Horn Antenna

Frequency Range:

18 GHz - 40 GHz