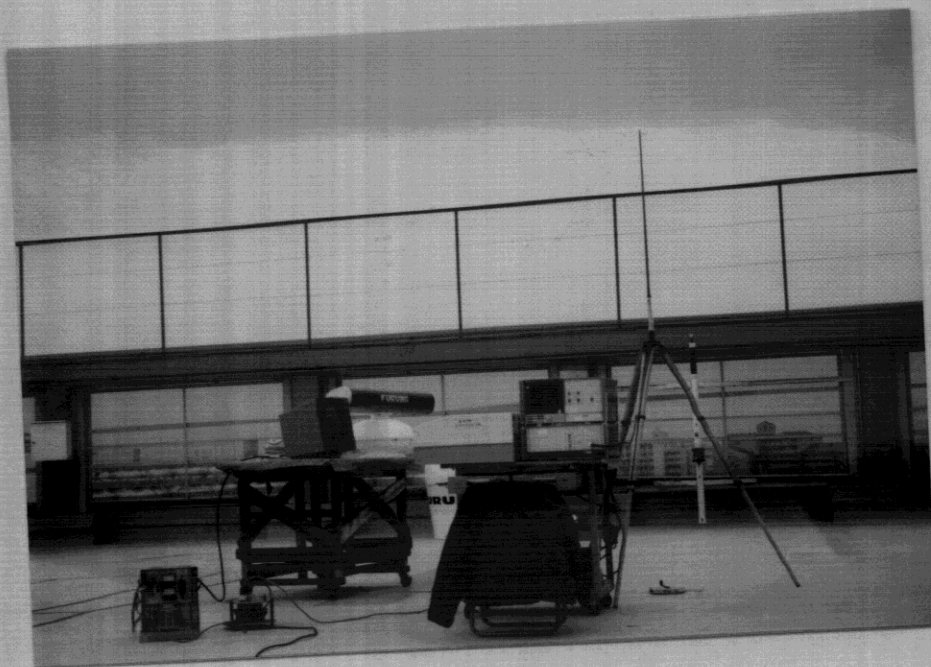


MEASUREMENT OF RADIATED INTERFERENCE AT 2 M



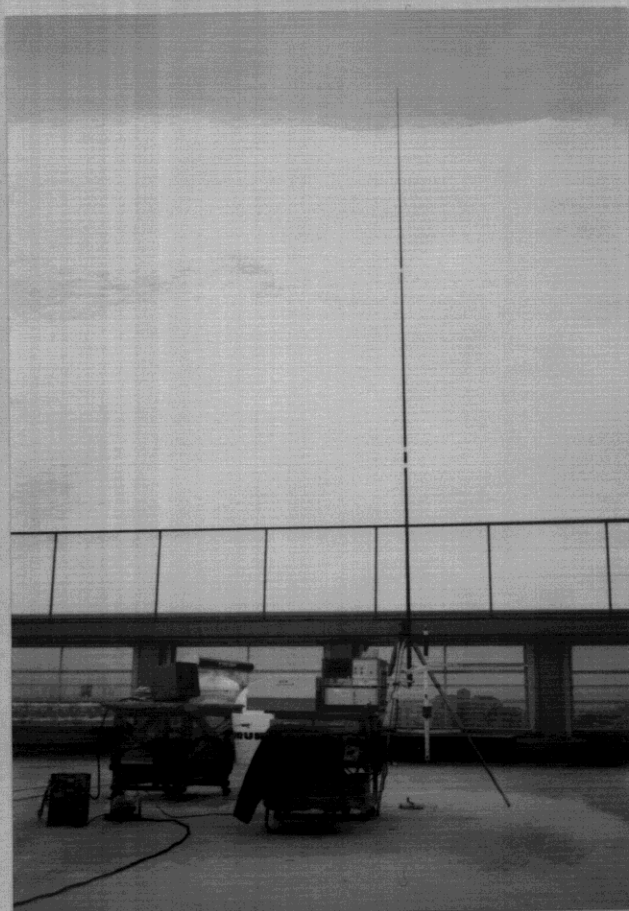
$1/4 \lambda$  whip antenna



$5/8 \lambda$  whip antenna



4m whip antenna



6m whip antenna

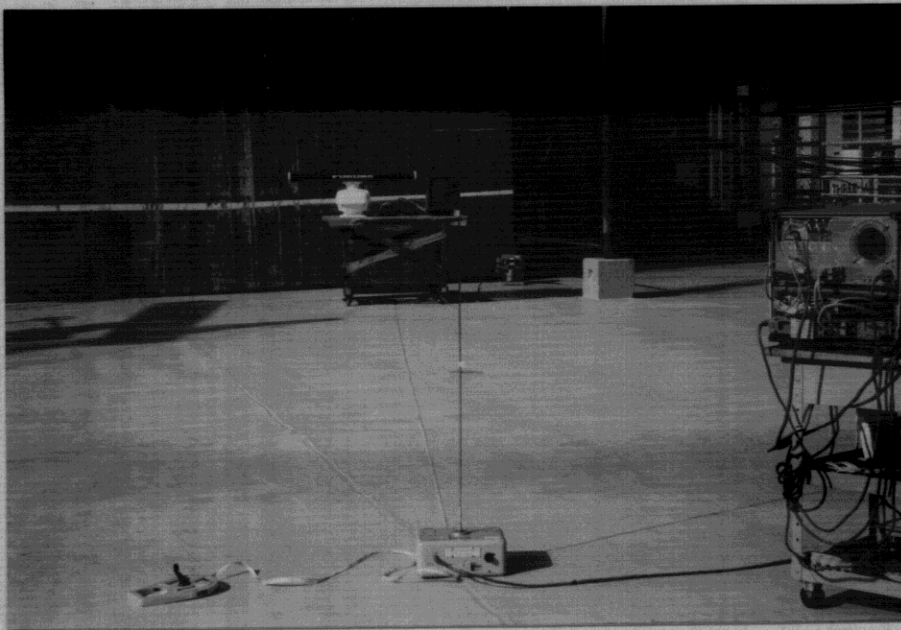


Fig. 7.1 Measuring Antenna: Broadband Rod Antenna Model 95010-1 of Advanced Electronics  
 Frequency Range: 10 kHz - 20 MHz  
 Result: Graphs 7.1 to 7.5

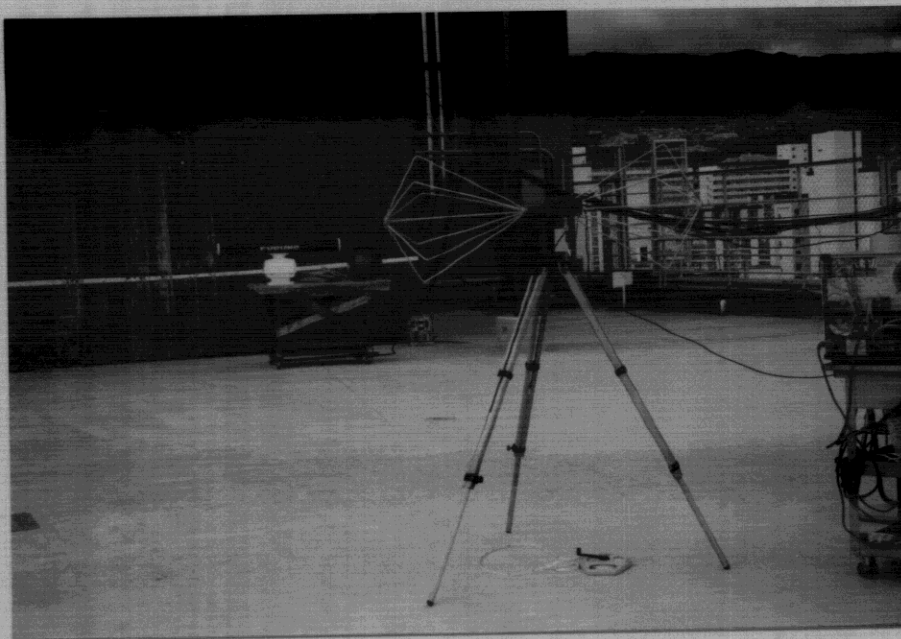
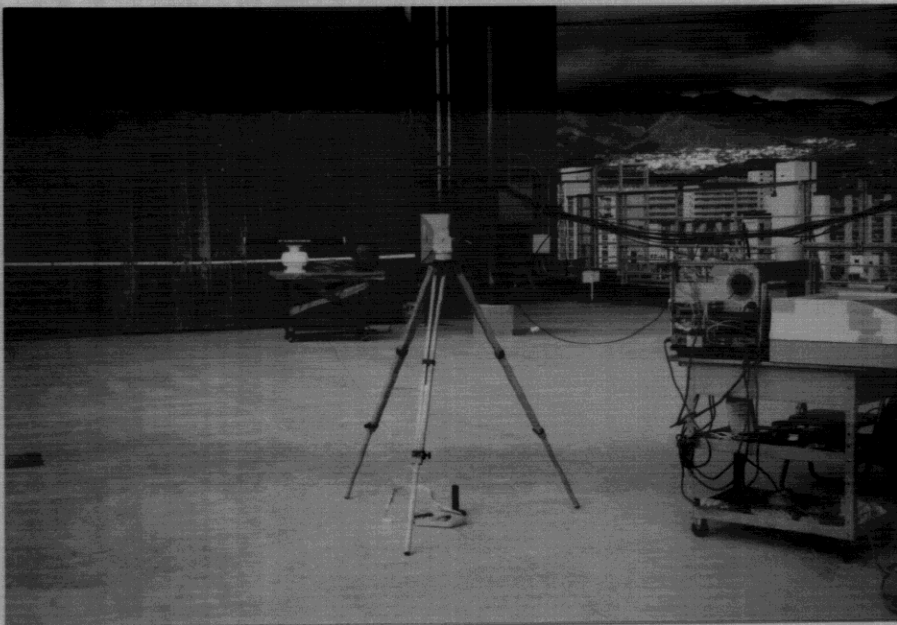


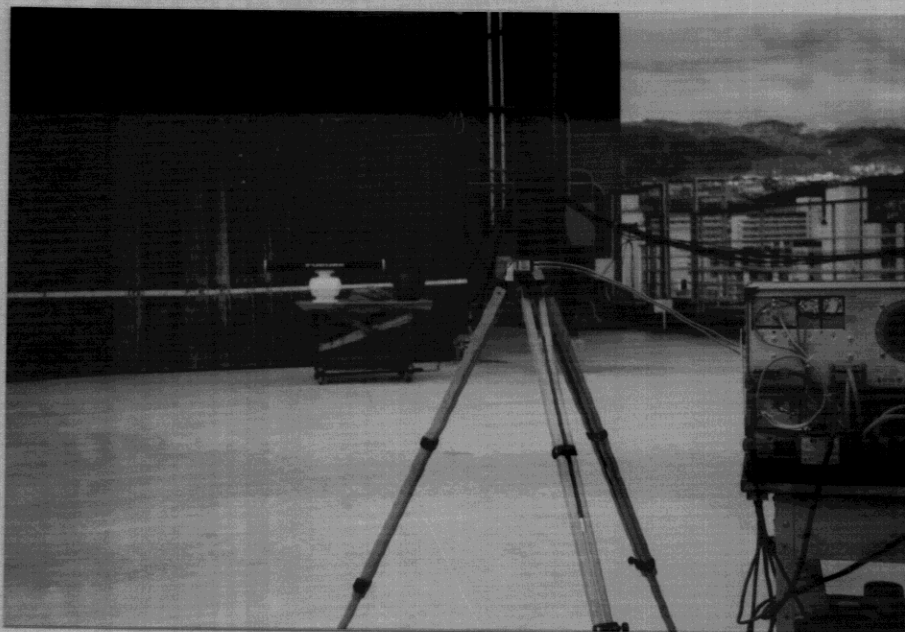
Fig. 7.2 Measuring Antenna: Biconica Antenna Model BIA-25 of Electro Metrics  
 Frequency Range: 20 MHz - 200 MHz  
 Result: Graphs 7.1 to 7.5



**Fig. 7.3 Measuring Antenna:** Conical Log-Spiral Antenna Model LCA-25 of Electro Metrics  
**Frequency Range:** 200 MHz - 1 GHz  
**Result:** Graphs 7.1 to 7.5



**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  
**Result:** Graphs 7.1 to 7.5



**Fig. 7.5 Measuring Antenna:**  
**Frequency Range:**  
**Result:**

**Toshiba Horn Antenna**  
**18 GHz - 40 GHz**  
**Graphs 7.1 to 7.4**