



## **EXHIBITS**

EXHIBIT A: Product Photographs

EXHIBIT B: Label Drawing

EXHIBIT C: User Manual

EXHIBIT D: Theory of Operation (Confidentiality Requested)

EXHIBIT E: Report of Measurements

EXHIBIT F: Schematics (Confidentiality Requested)

EXHIBIT G: Block Diagram (Confidentiality Requested)

**EXHIBIT A: Product Photographs**

**- refer to separate jpg attachments**

**EXHIBIT B: Label Drawing**

**- refer to separate Word attachment**

**EXHIBIT C: User Manual**

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**EXHIBIT D: Theory of Operation (Confidentiality Requested)**

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**EXHIBIT G: Block Diagram (Confidentiality Requested)**

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## TEST PROCEDURES

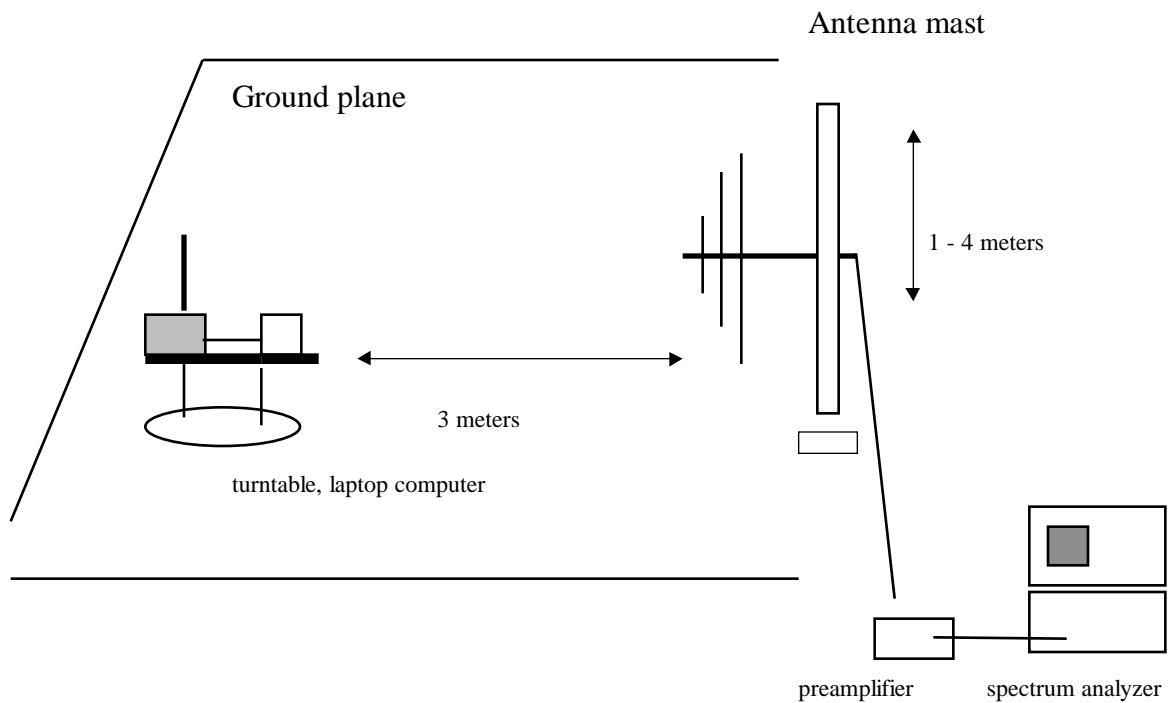
### Radiated Emissions

Test Requirement: 15.205, 15.249

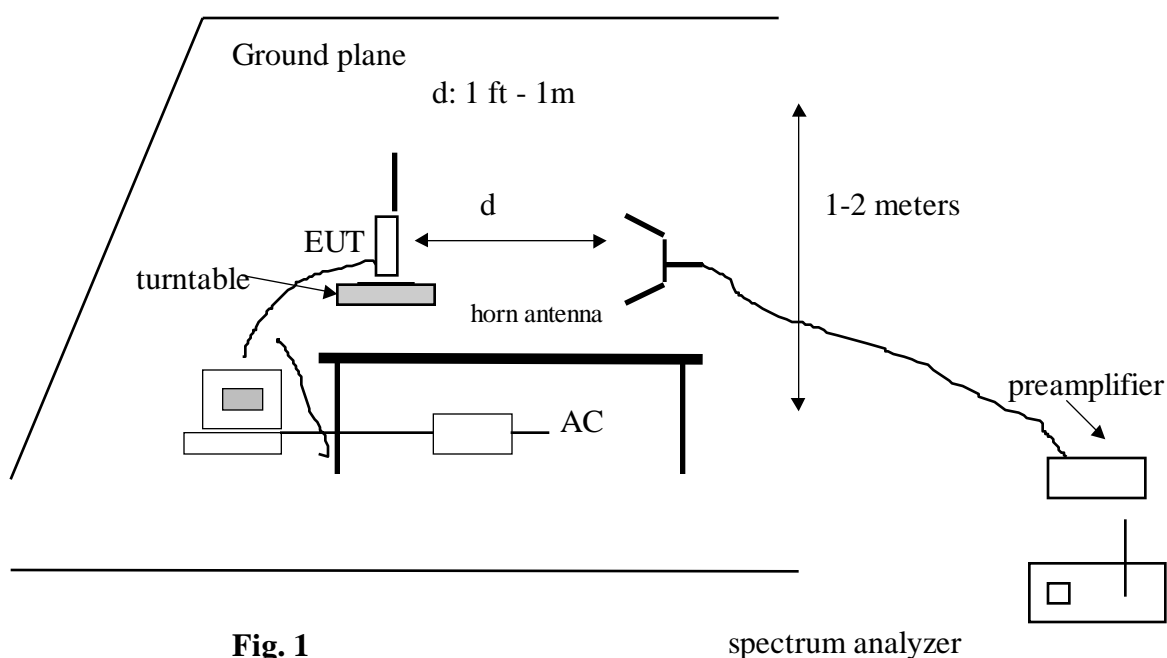
### Measurement Equipment Used:

HP 8593EM Spectrum Analyzer  
HP 8447 Preamplifier, .1 - 1300 MHz  
HP 8449 Preamplifier, 1-26.5 GHz  
Chase Bilog Antenna, 30 - 2000 MHz  
150' low loss coax (site A standard)  
EMCO 3115 Double Ridged Horn antenna, 1 - 18 GHz  
16 ft Flexco low loss cable (0.85 dB/ft at 26.5 GHz)

### Test Set-up, 30 - 2000 MHz



## Test Set-Up, 2000 - 9160 MHz



**Fig. 1**

spectrum analyzer

1. The EUT was placed on a wooden table resting on a turntable on the open air test site. The search antenna was placed 3m from the EUT. The EUT antenna was mounted vertically as per normal installation.
2. The turntable was slowly rotated to locate the direction of maximum emission at each emission falling in the restricted bands of 15.205.
3. Once maximum direction was determined, the search antenna was raised and lowered in both vertical and horizontal polarizations. The maximum readings so obtained are recorded in the data listed below.

**Test Results:** Refer to separate .xls attachments *BoB Low F and BoB Hi F*.

All emissions outside 902-928 MHz band were below 15.209 emissions limits.

**AC Line Conducted Emissions**  
**Test Requirement: 15.207**

NOT APPLICABLE - EUT is used on a utility belt and is only connected to AC adapter for charging of internal batteries.

THOMAS N. COKENIAS

14 April 2000