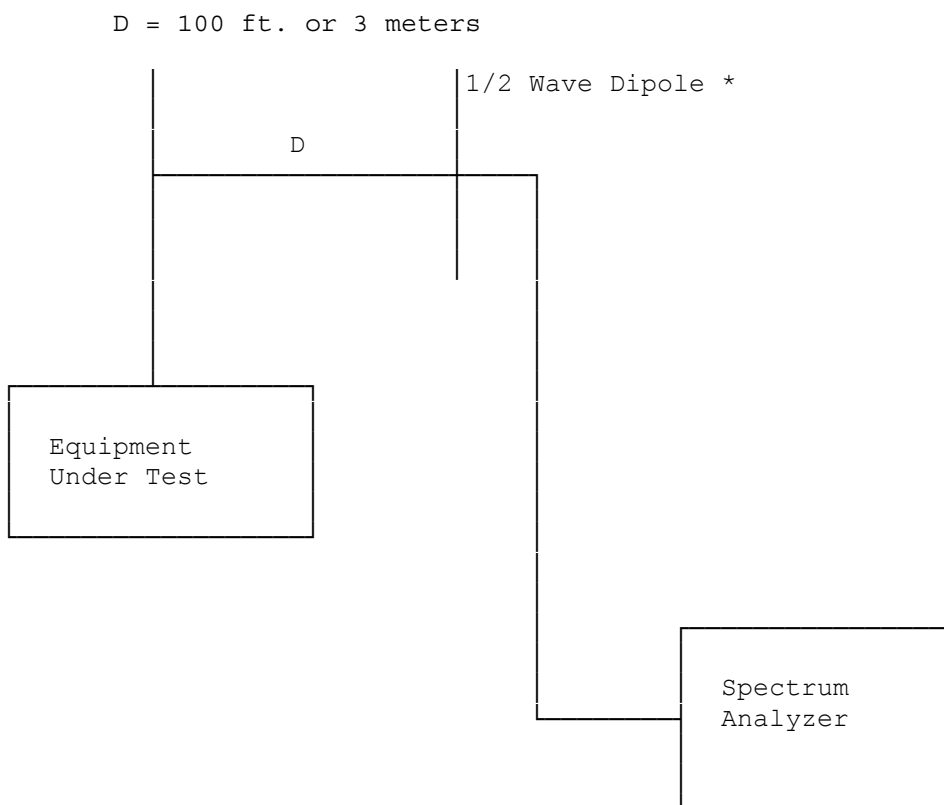


EXHIBIT VII - Test Set-Up Procedures

BLOCK DIAGRAM #1

Transmitter Radiated Spurious Emissions Test Set Up



See Equipment List for Equipment Specifications

*
1/2 Wave Dipole 30-1000 MHz
Dual Ridged Guide Antenna or Broadband Log Periodic 1-10 GHz

Test Equipment List A

SPECTRUM TECHNOLOGY, INC.

<u>Equipment</u>	<u>Manufacturer/Model</u>	<u>Serial Number</u>	<u>Cal Date/Due Date</u>	
Spectrum Analyzer .01 to 22 GHz	Hewlett-Packard 8562A	08562-60062	12/17/02	12/17/03
Amplifier 9 kHz-1300 MHz OPT H64	Hewlett-Packard 8447F	2727A02208	12/17/02	12/17/03
Amplifier .01 –26.5 GHz	Hewlett-Packard 83006A	3104A00167	12/18/02	12/18/03
Service Monitor	IFR FM/AM 500A 4103		---	
Oscilloscope	Kikusui C055060	6132295		---
Power Supply	Astron VS35	8601266		---
Voltmeter	Fluke 8020A	N2420658		---
Multimeter	Fluke 25	3710310		---
Wattmeter	Bird 43	56227		---
High pass filter 2-18 GHz	E/M, Inc.#FH-2/18	SN95-11		---
Notch filter 2-18 GHz	Custom notch 2.4 – 2.485 GHz	S002		---
RF Termination	Bird 8135	10004		---
Dual Phase LISN	STI per MP-4 50 ohm/50 uH	02	1/15/02	1/15/03
Dual Phase LISN	Compliance Design 50 ohm/50 uH	8012-50R-24-BNC	1/15/02	1/15/03
Audio Generator	Hewlett-Packard 205-AG	8689	---	
Thermometer	Fluke 52	3965185	---	
Test Line	Simulator, Teltone TLS-2	none	---	
Turn Table, RC	EMCO 1060-2M	8912-1415	---	
Antenna Mast, RC	Compliance Design, Inc.	M100	---	
Antennas:				
Dipole Set 30 – 1000 MHz	EMCO Model: 3121C	1335	03/26/00	09/26/04
Dipole Set 30 – 1000 MHz	EMCO Model: 3121C	1336	03/26/00	09/26/04
Bi-Conical 20 – 200 MHz	EMCO 3104	3763	reference only	
Bi-Conical 30 – 200 MHz	EMCO 3104C	9401-4635	01/30/02	01/30/03
Log-Periodic 200 – 1000 MHz	EMCO 3146	1754	01/29/02	01/29/03
Bi-ConiLog 28 – 5000 MHz	EMCO 3141	1125	05/20/02	11/20/03
Active Loop .1 - 30 MHz	EMCO 6502	9107-2645	reference only	
Dual Ridged Guide Ant. 1 – 18 GHz	Electro-metrics RGA-60	6225	1/106/03	1/10/04
Standard Gain Horn 18 – 26.5 GHz	EMCO 3160-09	21138	1/21/03	1/21/04

Rev. 01/03

Photos of EUT at OATS facility follow:

Photos 1 & 2 View of EUT held Upright

Photo 3. View of EUT flat on it's Back

Photo 4. View of EUT held on Left Side

The EUT was tested in three mutually orthogonal planes. The maximum levels were found with the unit in the Upright Position

Photo 1 of 4 – Front View of Upright PowerPad Terminal



Photo 2 of 4 - Rear View of Upright PowerPad Terminal

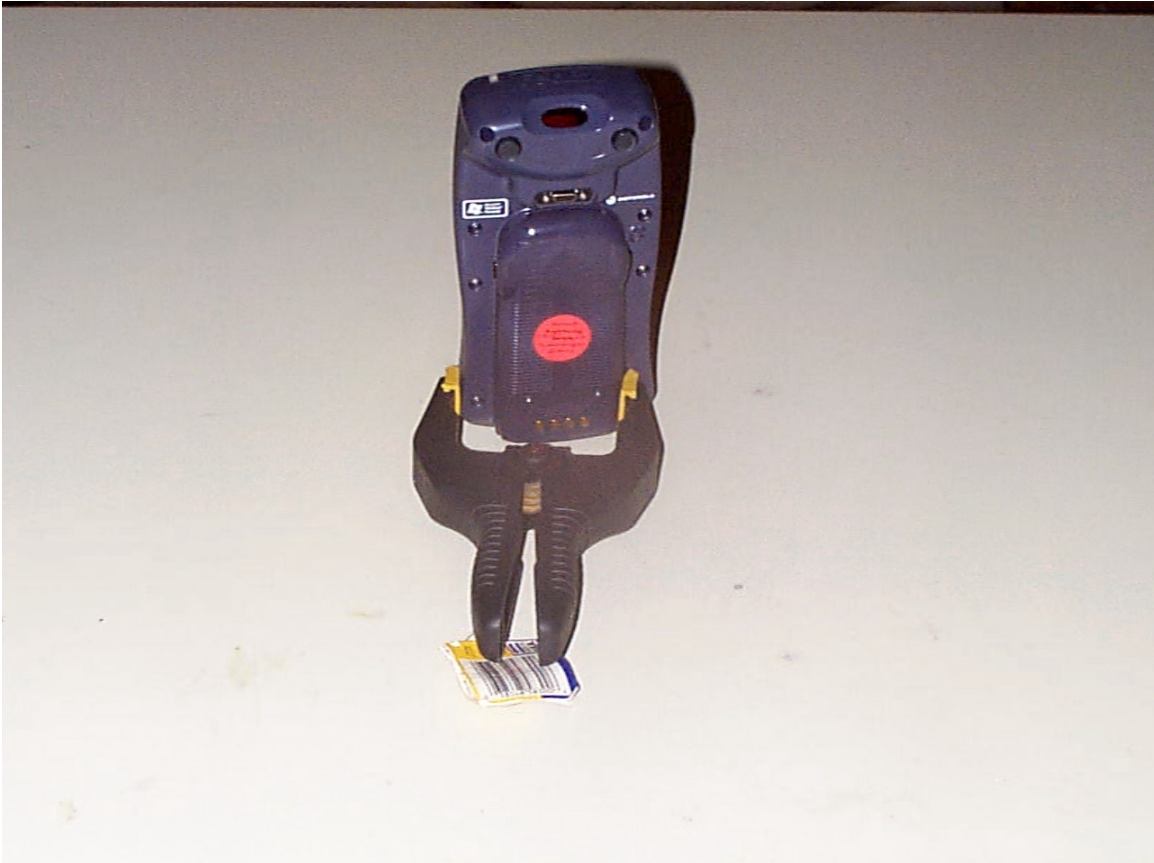


Photo 3 of 4 - View of PowerPad Terminal On It's Back



Photo 4 of 4 - View of PowerPad Terminal On Left Side

