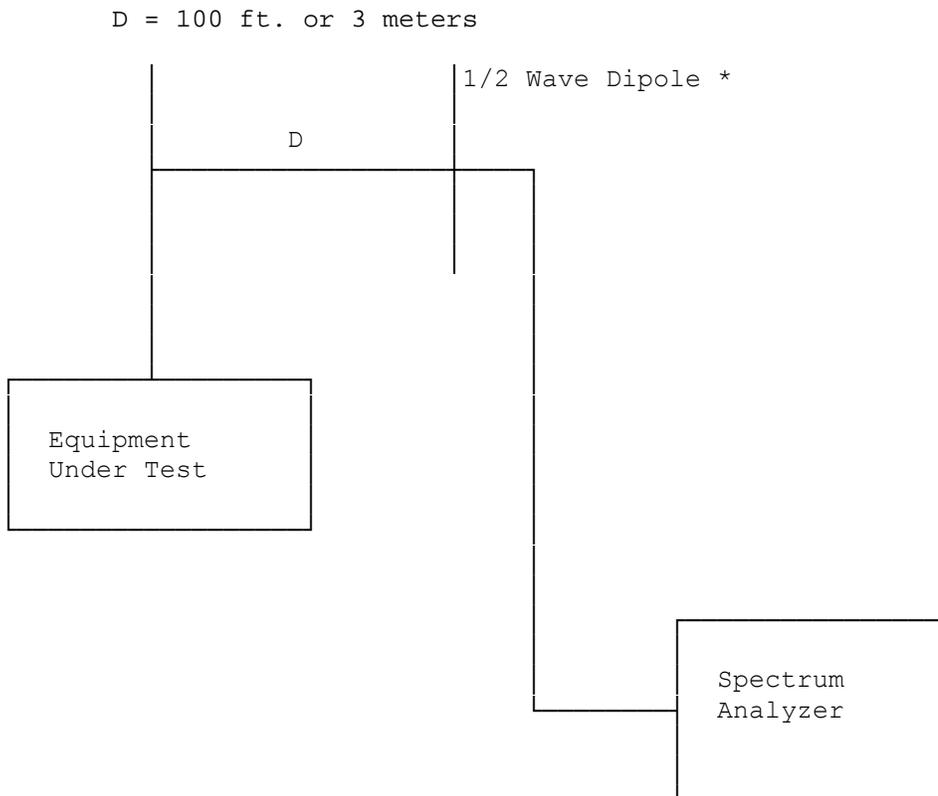


## EXHIBIT VII - Test Set-Up Procedures

### **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		---
<b>Antennas:</b>				
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 HDT 600 Terminal**



Photo 2 of 4 - Rear View of Upright HDT 600 Terminal



**Photo 3 of 4 - View of HDT 600 Terminal On It's Back**



**Photo 4 of 4 - View of HDT 600 Terminal On Left Side**

