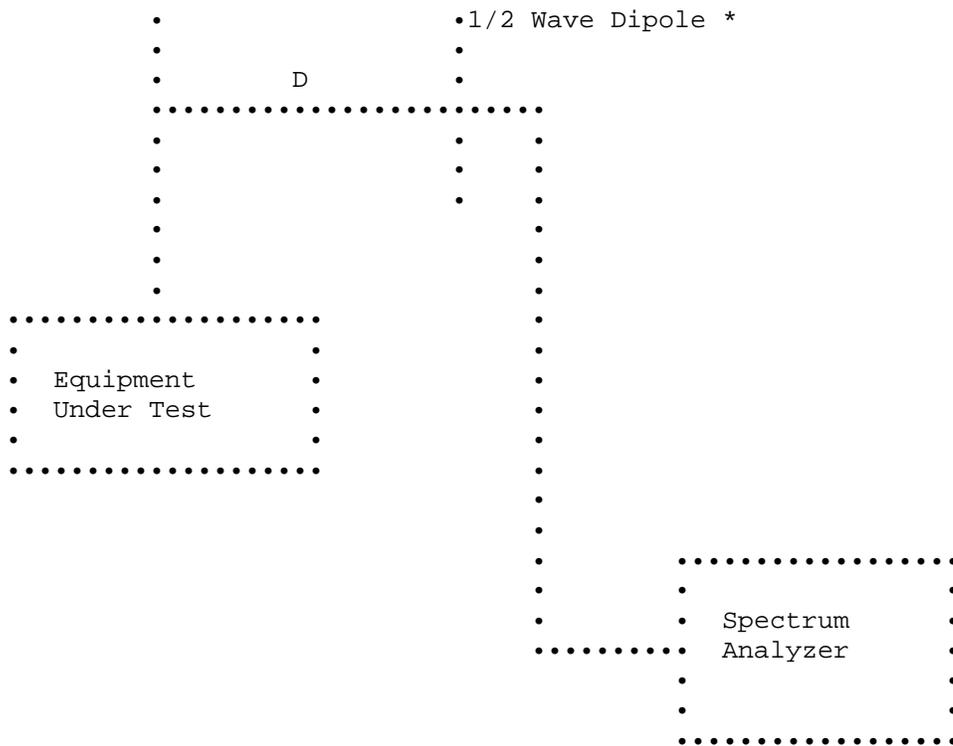


## VII. Test Set-Up Procedures

### **BLOCK DIAGRAM #1**

#### Transmitter Radiated Spurious Emissions Test Set Up

D = 100 ft. or 3 meters



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</u>	<u>Serial Number</u>	<u>Cal Date/Due Date</u>	
Spectrum Analyzer 11/04/00	Hewlett-Packard	8562A 08562-60062	11/04/99	
Amplifier 11/04/00 9 kHz-1300 MHz	Hewlett-Packard	8447F 2727A02208	11/04/99	
	OPT H64			
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	---	
RF Termination	Bird 8135	10004	---	
Dual Phase LISN 50 ohm/50 uH	STI per MP-4	02	1/8/00	1/9/01
Dual Phase LISN 50 ohm/50 uH	Compliance Design	8012-50R-24-BNC	1/8/00	1/9/01
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	EMCO Model: 3121C	1335	reference only	
Dipole Set	EMCO Model: 3121C	1336	reference only	
Bi-Conical	EMCO 3104	3763	reference only	
Bi-Conical	EMCO 3104C	9401-4635	01/25/00	1/25/01
Log-Periodic	EMCO 3146	1754	01/25/00	1/25/01
BiConiLog 04/28/01	EMCO 3141	1125	04/28/00	
Active Loop	EMCO 6502	9107-2645	reference only	

Rev. 05/00

Photos of EUT at OATS facility follow:

1. Antenna fed into resistive termination.
2. View of EUT without termination.
3. View of peripheral cable attached.



