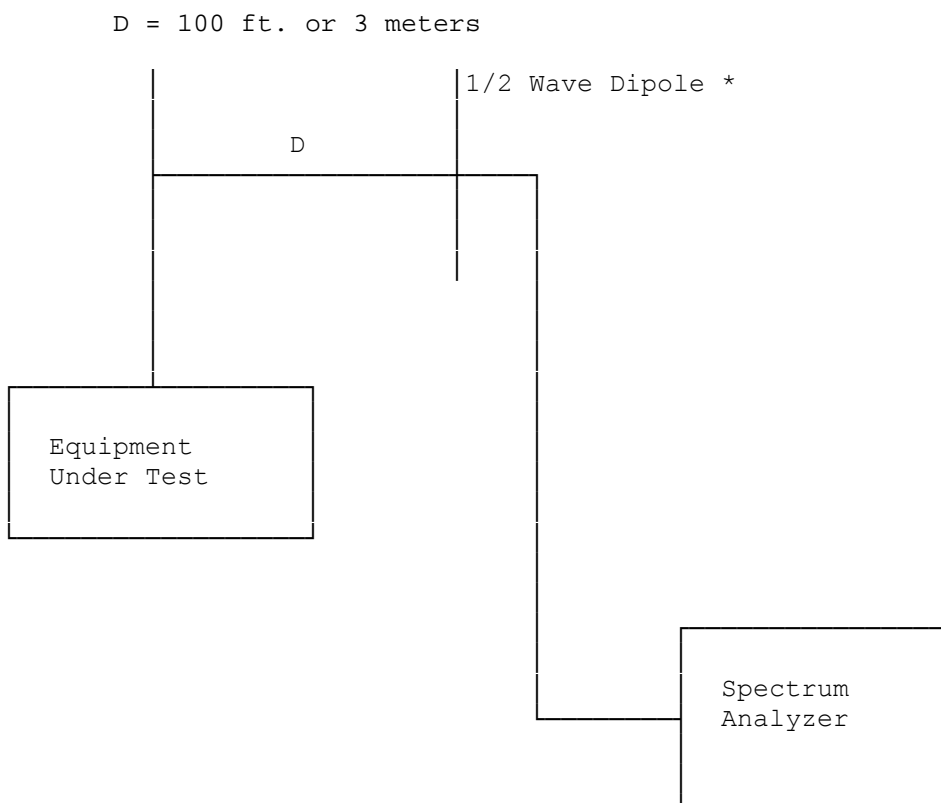


## Exhibit VII. Test Set-Up Procedures

### **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> |          |
|-------------------------------------|---------------------------------------|----------------------|----------------------------|----------|
| EMC Analyzer                        | Agilent Model: E7405A 9kHz – 26.5 GHz | MY42000087           | 10/23/03                   | 10/23/04 |
| Spectrum Analyzer                   | Hewlett-Packard 8562A 10kHz - 22 GHz  | 08562-60062          | 01/09/04                   | 01/08/05 |
| Amplifier 9 kHz-1300 MHz<br>OPT H64 | Hewlett-Packard 8447F                 | 2727A02208           | 01/10/04                   | 01/10/05 |
| Amplifier .01 –26.5 GHz             | Hewlett-Packard 83006A                | 3104A00167           | 01/10/02                   | 01/10/05 |
| Signal Generator                    | Hewlett-Packard 83752A                | 3610A01005           | 10/21/03                   | 10/21/05 |
| 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                 |                            | ---      |
| Band Stop filter 2 – 18 GHz         | Custom 1.7 – 2.5 GHz                  | S003                 |                            | ---      |
| RF Termination                      | Bird 8135                             | 10004                |                            | ---      |
| Dual Phase LISN                     | STI per MP-4 50 ohm/50 uH             | 02                   | 01/20/04                   | 01/20/05 |
| Dual Phase LISN                     | Compliance Design 50 ohm/50 uH        | 8012-50R-24-BNC      | 01/21/04                   | 01/21/05 |
| 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            | reference only             |          |
| Log-Periodic 200 – 1000 MHz         | EMCO 3146                             | 1754                 | reference only             |          |
| Bi-ConiLog 28 – 5000 MHz            | EMCO 3141                             | 1125                 | 11/18/03                   | 05/18/05 |
| Active Loop .1 - 30 MHz             | EMCO 6502                             | 9107-2645            | reference only             |          |
| Dual Ridged Guide Ant. 1 – 18 GHz   | Electro-metrics RGA-60                | 6225                 | 1/13/04                    | 1/10/05  |
| Standard Gain Horn 18 – 26.5 GHz    | EMCO 3160-09                          | 21138                | 1/21/04                    | 1/21/05  |
| Rev. 01/04                          |                                       |                      |                            |          |

Photographs of EUT set up at OATS facilityApril 26-30, 2004

Front View of IX300 sitting in the desktop dock and charging unit. The GC82 antenna is in horizontal polarization on the right side on the IX300. Antennas for WLAN & BT not externally visible. Keyboard & mouse plugged in USB jacks on desktop dock.



Rear View of IX300



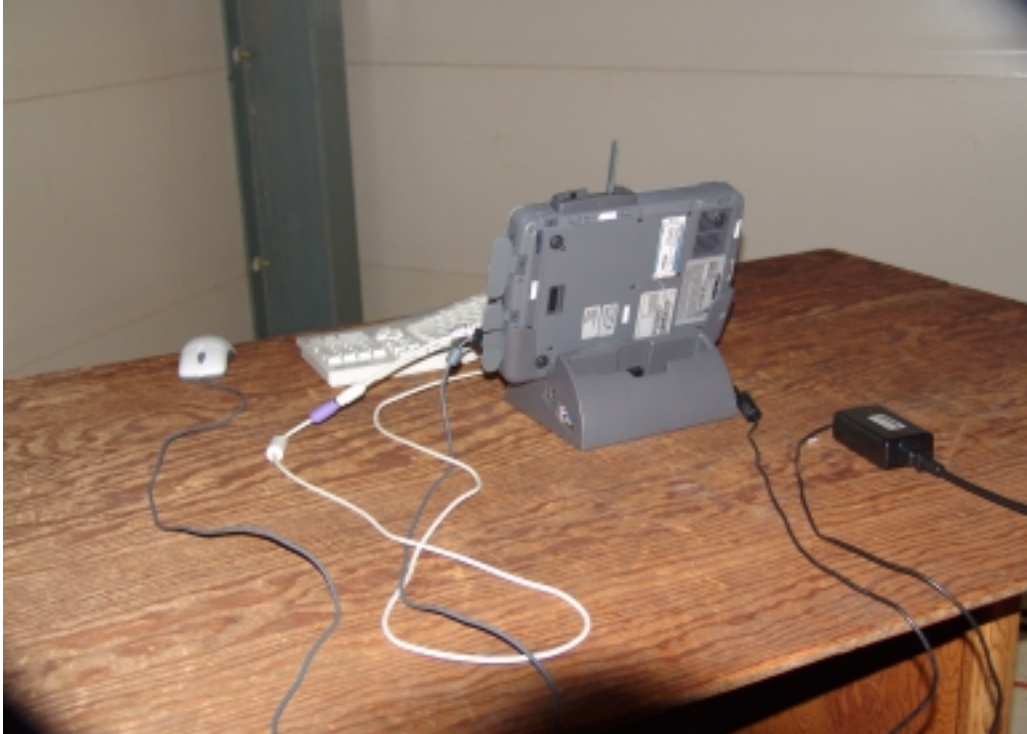
Front View of 300 Tablet PC – All three software programs visible on the display during the simultaneous transmit testing. Note: coaxial termination on top right side of the IX300, replaced antenna during the radiated harmonic and spurious measurements



GC82 antenna removed and a resistive 50 ohm load connected during the radiated spurious and harmonics.



IX300 with GC82 antenna in place during ERP & EIRP Output Power Measurements



Rear view IX300 Tablet PC





AC Power Line Conducted Emissions - Part 15.107, 15.207

April 22, 2004

Front View of IX300 Tablet PC w/GC82



Side View of IX300 Tablet PC w/GC82

