

### **3.3 OUTPUT SIGNAL LEVEL MEASUREMENT**

#### **3.3.1 Test Procedure**

Configure the EUT System in accordance with ANSI C63.4-1992 section 12.2.

The RF output terminal is connected to the spectrum analyzer through the matching transformer with a calibrated 75 ohms coaxial cable.

Then, the RF output signal level is measured under the EUT condition produces the maximum signal level.

#### **3.3.2 Setup Photograph**



### **3.4 OUTPUT TERMINAL CONDUCTED SPURIOUS EMISSION MEASUREMENT**

#### **3.4.1 Test Procedure**

The EUT system and measuring instrument are set up in the same manner of the output signal measurement.

The spectrum was scanned from 30MHz to more than 4.6MHz below the visual carrier frequency, and from more than 7.4MHz above the visual carrier frequency to 1000MHz.

Then, the significant spurious emissions are measured at the output terminal.

#### **3.4.2 Setup Photograph**



### **3.5 ANTENNA TRANSFER SWITCH ISOLATION MEASUREMENT**

#### **3.5.1 Test Procedure**

Configure the EUT System in accordance with ANSI C63.4-1992 section 12.2.

The RF output terminal is terminated in the proper impedance.

The ANT input terminal is connected to the spectrum analyzer through the matching transformer with a calibrated 75 ohms coaxial cable.

Then, the RF output leakage level is measured under the EUT condition produces the maximum signal level.

#### **3.5.2 Setup Photograph**

