In future field-testing of ELECTROMAGNETIC RADIATION and the Smart Meters installed in Oklahoma by OG&E and other power companies, we will be using specialized RF meter reading equipment.

Pictured below is the HFE35C RF Meter made by Gigahertz Solutions in Germany, and purchased from Safe Living Technologies, Inc.

During testing, we will use two different antennas to aid in our research: a directional Log Per-Antenna (above, left) and a non-directional UBB227-Antenna (above, right).

Smart Meters have two microwave radio frequency transmitters in them. One is a (LAN) Local Area Network (900MHz) and the other is a ZigBee (2.4 GHz) SoC module. (SoC = software on a chip).

Using the above RF Meters, EF readings may be at 199.9 micro W/m2 or 1999.9 micro W/m2 on the Peak setting. (W/m = microwatts per meter squared.)