

## **FCC ID: B5D-CPE200MW**

### **Operational Description**

The DSSS transmitter and receiver of the EUT (Long range, high power wireless CPE) is powered via a PCMCIA interface to the LAN interface PCB. The transmitter and receiver of the EUT are connected to an 18 dBi patch antenna array within the CPE radome enclosure. The LAN interface PCB is connected to an outdoor-rated Ethernet cable (CAT-5) from which it receives both data and DC power. The DC power is injected onto wires 4,5,7 and 8 from a Power-over-Ethernet (PoE) box, which is located near the client's computer equipment. The client's computer equipment is also connected to the PoE box with a short length of CAT-5 Ethernet cable.

The DSSS transmitter and receiver consists of a PCMCIA radio card, Senao model NL-2511CD PLUS EXT2 (FCC ID: NI3-2511CD-PLUS3).