

GENERAL INFORMATION

Product Description

The Equipment Under Test (EUT) is a Data Critical Corporation, DR-10110. The DR-10110 is a wireless Access Point (AP) designed for use in medical monitoring applications. The DR-10110 receives patient monitoring data from similar radios attached to the patients in that hospital. The DR-10110 is linked to other DR-10110's, DR-10100 or DR-10000's through a 10Base-T Ethernet backbone. This backbone allows the AP's to pass patient data back to the end user of the system - a nurses monitoring station. The DR-10110 is composed of a 1400 MHz wireless transceiver and Ethernet conversion circuitry that passes data from the transceiver to the Ethernet backbone.

The DR-10110 may operate with three different types of antennas: a 0 dBi monopole to provide omni-directional coverage, a 3 dB omnidirectional antenna, and a 1.5 dB OEM antenna. The unit requires external DC power but has its own internal voltage regulation. The DR-10110 is self contained in a plastic package and is designed to be installed on the ceiling of a hospital hallway.

Related Submittal(s)/Grant(s)

Additionally, the EUT will be used with patient monitor transceivers FCC ID: BQI03DT-4700.