



# EWQ100GTB / 864D-100GTB Antenna Datasheet

## Manufacturer

Itron, Inc.  
2401 N. State St.

## Model Number

Itron integral PCB antennas do not have a part number. Integral antennas are part of the PCB layout files and internal layout libraries.

## Electrical Specifications

Table 1: Specifications

| Parameter      | Typ.                             | Unit |
|----------------|----------------------------------|------|
| Peak Gain      | 2.23                             | dBi  |
| Impedance      | 50                               | Ohms |
| Type           | Patch                            |      |
| Polarization   | Vertical                         |      |
| Frequency      | 900-930                          | MHz  |
| Operating Temp | $-40^{\circ}C$ to $+70^{\circ}C$ |      |

<sup>1</sup> Based on characterization data, not tested in production.

Figure 1: Antenna Structure

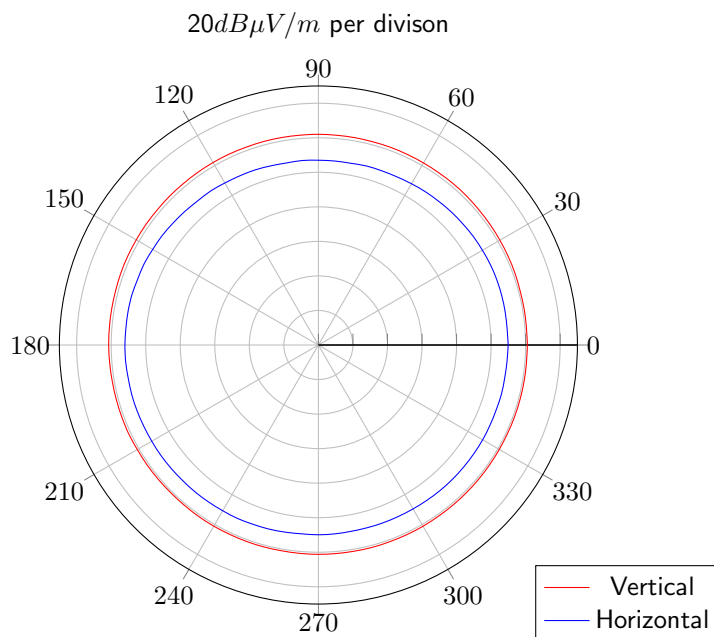


Figure 2: Radiation Pattern