

CCU1111-4

Protocol

ISO 18000-6C EPC Class 1 Gen 2

Operating frequency

860 – 960 MHz

Antenna size

44*44mm / 1.73 × 1.73 inch

Key features

- True3D antenna technology.
- QT technology(only Monza 4QT) – protects business sensitive data while assuring consumers of privacy.
- Superior read sensitivity of -19.5 dBm or -22 dBm with a single dipole tag.



Electrical Specifications

Monza 4 family memory sections

Name	Size
Monza 4D	128 bit EPC + 32 bit
Monza 4E	496 bit EPC + 128 bit
Monza 4QT	128 bit EPC + 512 bit

General Characteristics of Inlay

Inlay Substrate Material	PET
Antenna Material	Aluminum
Operating Temperature	-40 °C - 85 °C / 40 °F - 185 °F
Bending Diameter	>50mm / 1.97''
Static Pressure	< 10MPa

Delivery formats

Available formats	wet/dry inlay, tag, card
Quality	100% performance tested

Test graph

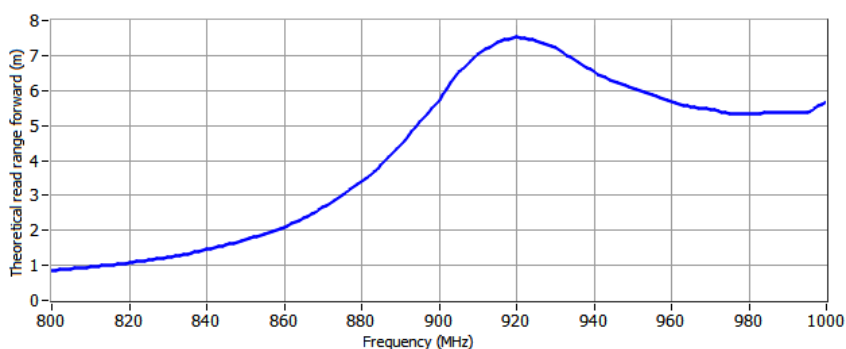


Figure 1: Read range

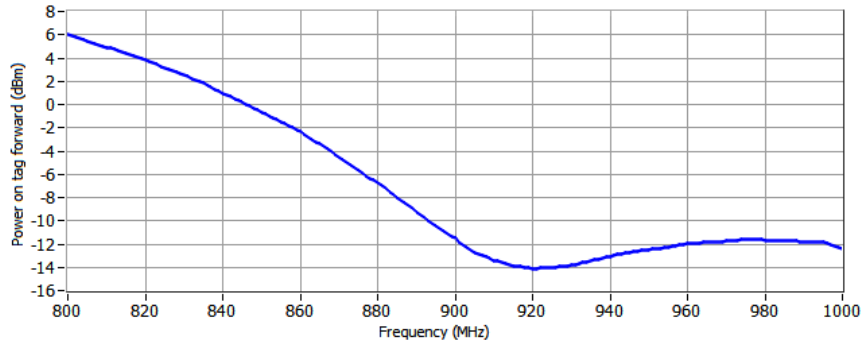


Figure 2: Sensitivity

The graphs are indicative: performance in real life applications may vary. The data has been determined based on calculations for transmitters with a 36dBm EIRP output power level.

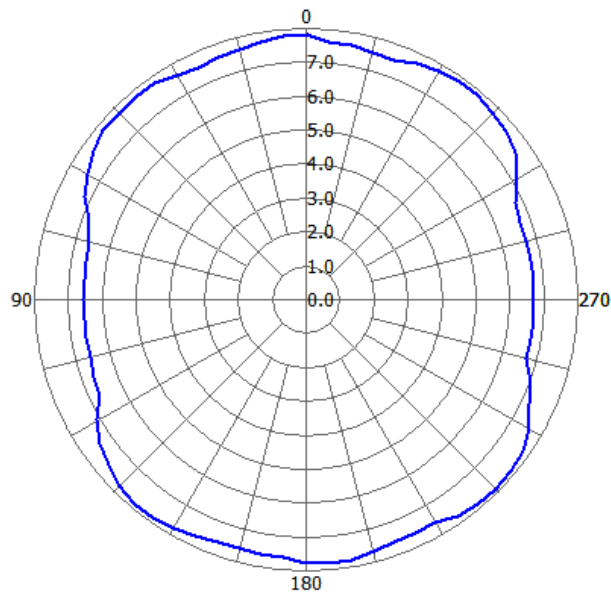


Figure 3: Read range in different directions