

CL7203E-8520 ABS on Metal Tag



Features

1. 100% tested by the European label conformance testing system to ensure stability during use
2. raw material passed environmental protection certification
3. IP68 level widely used indoor outdoor
4. The performance of the label on metal /in open air relatively outstanding and far reading

Parameters

Functional specifications

Protocol: EPC Class1 Gen2; ISO18000-6C

Frequency: 902-928MHZ ; 866-868MHZ

IC type: NXP Ucode 9

Memory: EPC 96bit User memory 688bit

Write cycles: 100,000times

Size: 85*20MM, Thickness 11mm

Operation Temperature: -20°C to 85°C

Storage Temperature -80°C to 100°C

Weight 15g

Material ABS

IP rating IP68

RF Specification

Read range

0-12m (902-928MHz) (on metal, by Hoppeland HF340 RFID reader)

0-7m (902-928MHz) (on metal, by Hoppeland HF340 RFID reader)

0-10m (865-868MHz) (on metal, by Hoppeland HF340 RFID reader)

Read range

350CM-(902-928MHz) (Handheld reader)

350CM-(865-868MHZ) (Handheld reader)

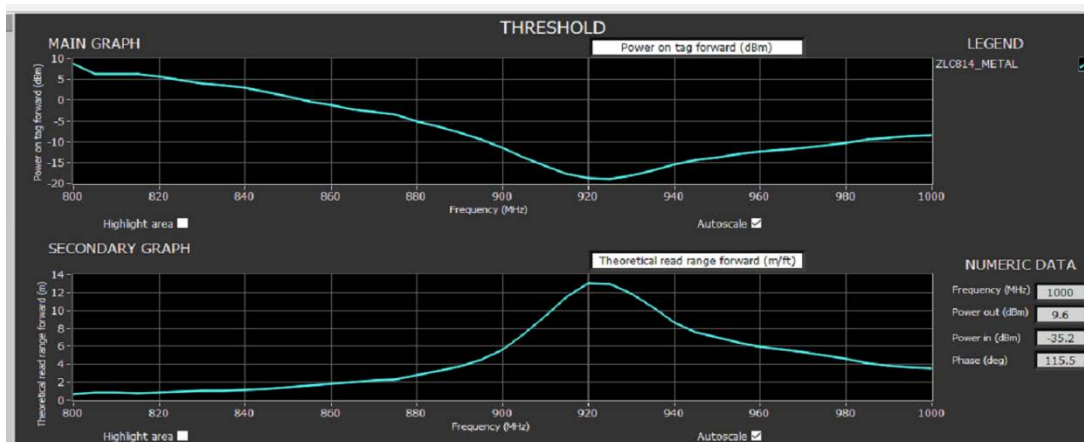
Mounting

3M back glue or M4.0 Screw

Certifications

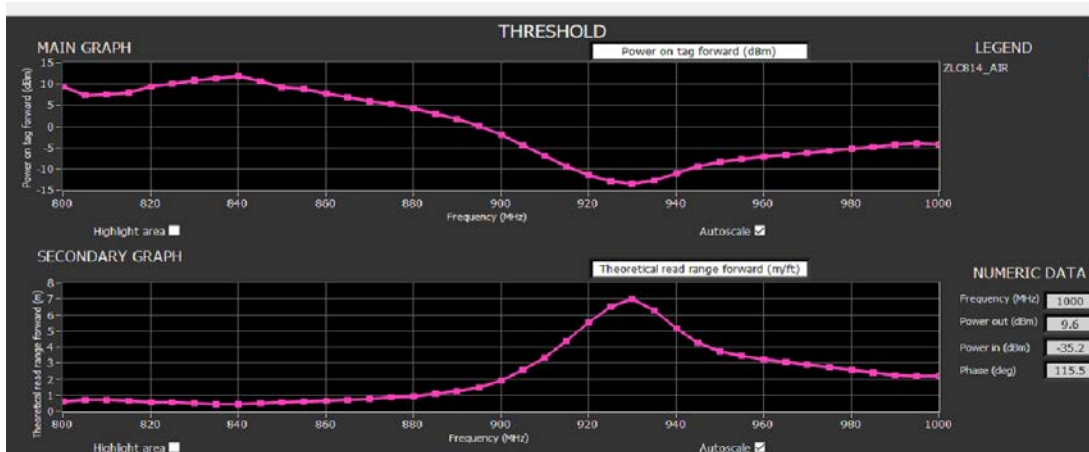
Reach Approved , RoHS Approved, CE Approved

Customization EPC encoding , Laser coding , Logo printing

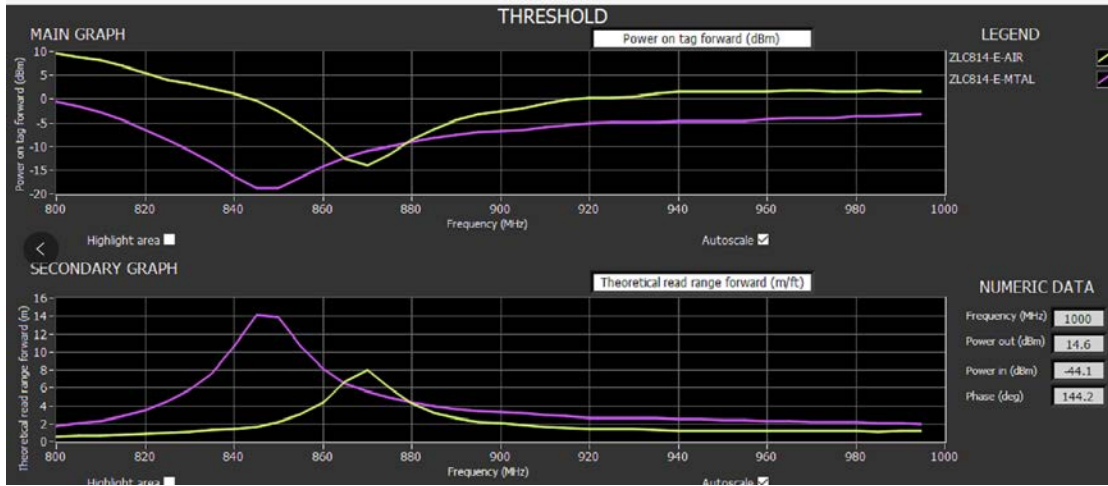


FCC on metal testing :

FCC in air testing :



ETSI on metal & in air testing



MAIN GRAPH

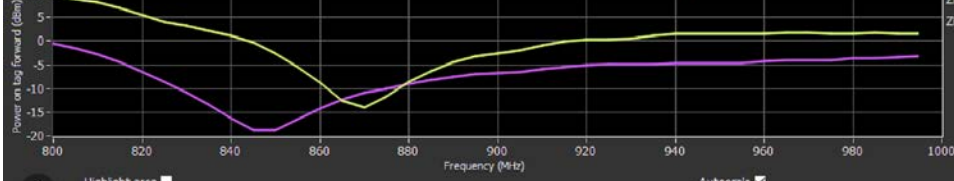
THRESHOLD

Power on tag forward (dBm)

LEGEND

ZLC814-E-AIR

ZLC814-E-MTAL



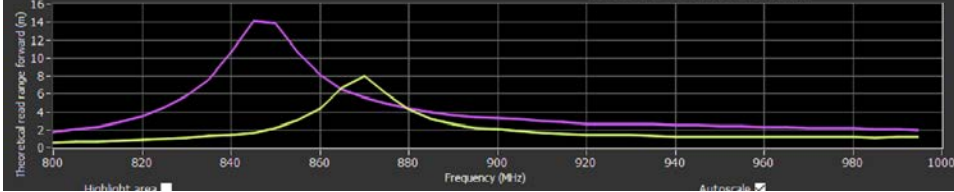
Highlight area

Autoscale

SECONDARY GRAPH

Theoretical read range forward (m/ft)

NUMERIC DATA



Highlight area

Autoscale

Frequency (MHz)

Power out (dBm)

Power in (dBm)

Phase (deg)

1000

14.6

-44.1

144.2