

# ARMOUR FCC MAX Ucode9

**Dimensions (WxH)**  
70 mm x 17 mm x 1.42 mm  
(2.756" x 0.669" x 0.056")

## DESCRIPTION

The Armour mount-on-metal inlay ensures reliable RFID performance on metal surfaces, the larger size of the ARMOUR MAX increases the read-range and performance of the inlay.



## RFID SPECIFICATIONS

Protocol	ISO 18000-63/EPC Class1 Gen2
Operating Frequency	902 - 928 Mhz
Chip Type	NXP Ucode 9
EPC Memory	96 bits (Read & Write)

## INDUSTRIES

Retail Apparel	Cosmetics
Retail General merchandise	

## APPLICATIONS



Fixed readers



Asset tracking



Handheld readers

## PERFORMANCE

FCC Read Range - Edge of metallic plate	13.0 m
FCC Read Range - Center of metallic plate	11.7 m

## PRODUCT SPECIFICATIONS

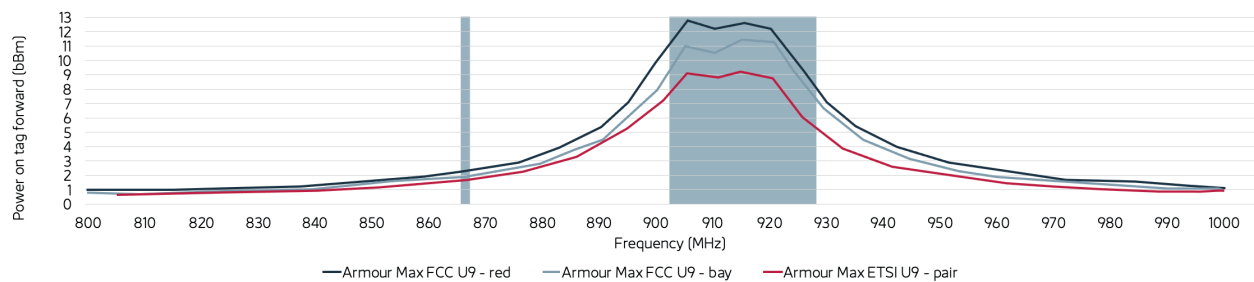
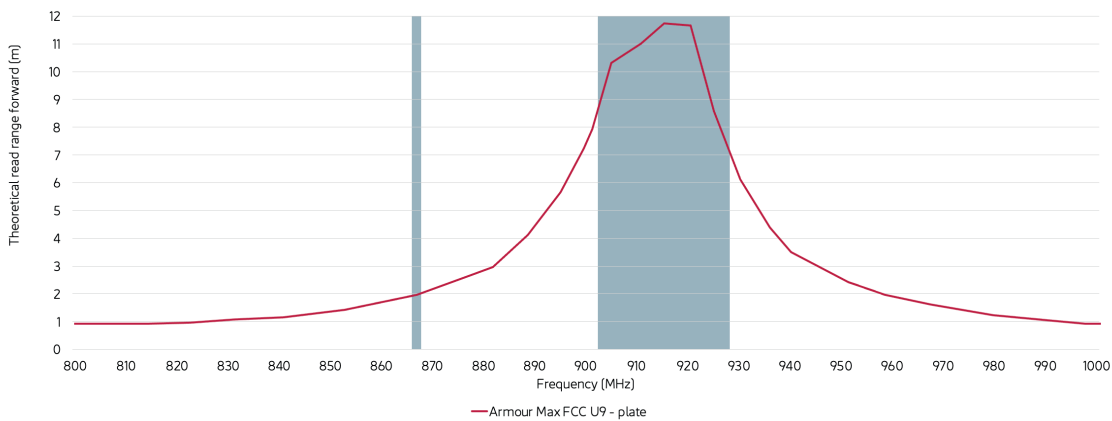
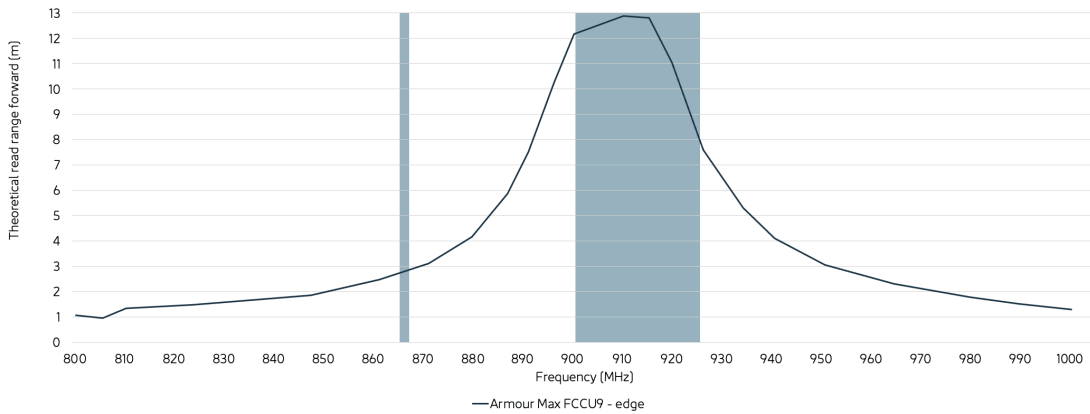
Inlay construction	Etched aluminium antenna laminated to a 50um clear PET, wrapped on foam core, flip chip IC assembly
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## ADDITIONAL INFORMATION

Thermal Transfer printable face stock material  
Industry learing performance based on size and thickness

## READ RANGE

### Edge of a Metallic Plate, Center of a Metallic Plate and Curved



#### Read Range (Meters)

Product Name

Armour FCC MAX u9

#### Label position on metallic item

Grid plane center

11.7 m

Grid plane edge

13.0 m

Curved surfaces

9.0 to 12.5 m