Balance U9

Overview

Chip
NXP Ucode 9（U9)

EPC
96bits

USER
Null

Antenna Dimensions
44*20mm

Frequency Band
860MHz-960MHz

International Standard
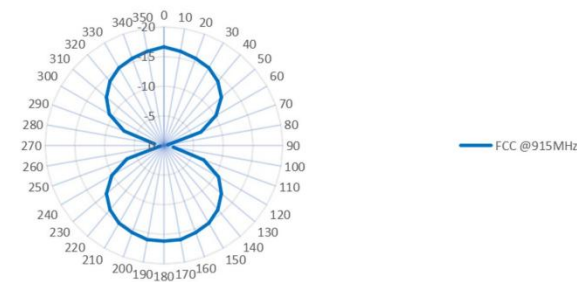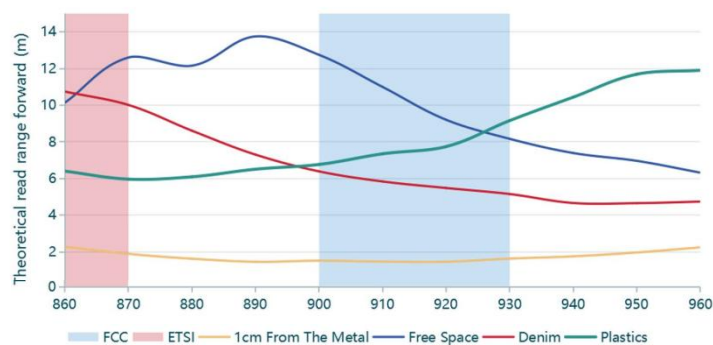EPC global C1 Gen2 and ISO18000-6C

Industry Segments
Apparel

Applications
Store Inventory

The Balance U9, equipped with the NXP U9 chip which has 96-bit EPC memory, features dimensions of 44*20mm. This size falls within the range of 42*16mm to 50*30mm, offering users a more balanced choice between performance and compactness. It is ideal for diverse RFID tagging applications, including supply chain management, inventory and logistics tracking, as well as apparel and consumer goods labeling.

Address

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Contact

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NXP GOLD PARTNER   IMPINJ GOLD PARTNER   RAIN RFID

Technical features

	Dry	Wet	Paper-face
Product Code	CTU50901-485D	CTU50901-485W	CTU50901-485L
Antenna Size	44*20mm 1.73*0.79in	44*20mm 1.73*0.79in	44*20mm 1.73*0.79in
Finish Size	- -	47*23mm 1.85*0.91in	47*23mm 1.85*0.91in
Web Width	56mm 2.20in	53mm 2.09in	53mm 2.09in
Pitch	25.4mm 1.00in	25.4mm 1.00in	25.4mm 1.00in
Antenna Material	Aluminium	Aluminium	Aluminium
Front Face	-	PET Clear/PET White/Paper	Paper
Inlay Substrate	PET Clear/PET White/Paper	PET Clear/PET White/Paper	PET Clear/Paper
Inlay Adhesive	-	Permanent	Permanent
Liner	-	Paper	Paper
Operating Temperrature	-20℃/50℃	-4°F/+122°F	-20℃/50℃	-4°F/+122°F	-20℃/50℃	-4°F/+122°F
Shelf Life Time	@20% to 80% RH 2/2/1 years @+25℃/40%RH	@20% to 80% RH 1 years @+25℃/40%RH	@20% to 80% RH 1 years @+25℃/40%RH
Inlays/Roll	17000pcs	4000pcs	4000pcs
Final Insperction	100% tested	100% tested	100% tested