

Overview

Frequency Band

 860MHz-960MHz

Chip

 Imping Monza 4E

Antenna Dimensions

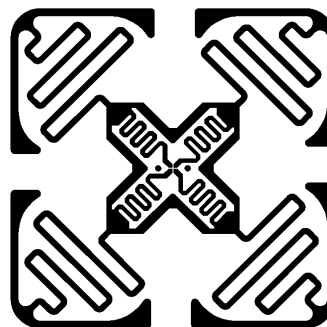
 44x44mm/1.732x1.732inch

International Standard

 ISO/IEC 18000-63 Type C

Applications

 Warehousing management
 Logistics and Transportation

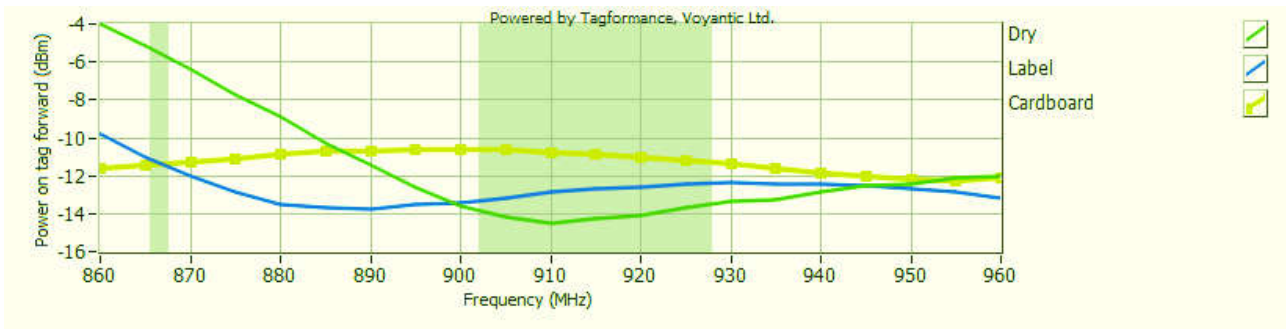


This antenna is designed for logistics applications. It supports omnidirectional reading, and its high efficiency and excellent performance make it widely used in warehouse management, logistics and transportation fields etc. The deployment of RFID technology in warehouse management and logistics transportation will help monitor the flow direction of products and ensure the safety of cargo transportation.

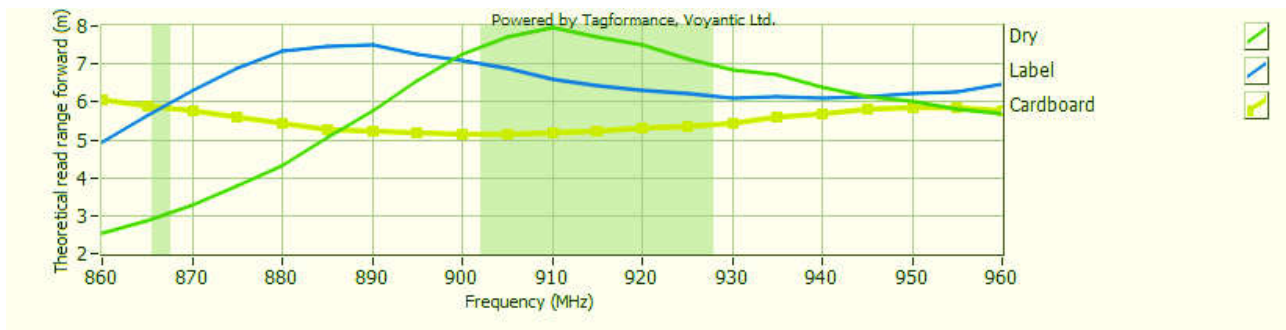
Technical Features

Model	OS31081	OS32190	OS33301
Delivery Format	Dry Inlay	Wet Inlay	Label
EPC Memory	128Bits	128Bits	128Bits
User Memory	512Bits	512Bits	512Bits
Die-cut Dimension	-	50*50mm	50*50mm
Inlay Substrate	50um PET	50um PET	50um PET
Standard Pitch	53.975mm	53.975mm	53.975mm
Web Width	57mm	57mm	66mm
Core Size	76.2mm/3inch	76.2mm/3inch	76.2mm/3inch
Quantity / Reel	5000 ± 300Pcs/Reel	2000 ± 2Pcs/Reel	2000 ± 2Pcs/Reel
Operating Temperature	-20°C to +50°C (20% to 80%RH)		
Remarks	Wet inlay and Label are regular size. Other size can be customized.		

Sensitivity



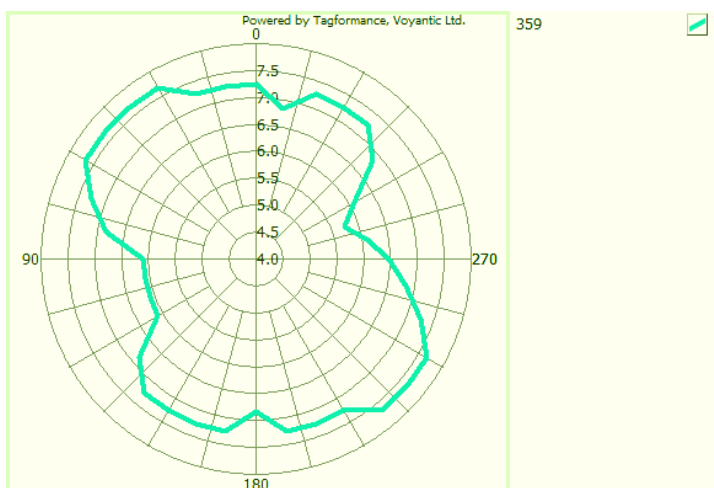
Read Range



Sensitivity&Read Rang Test power: 4W EIRP

For countries that allow 2W ERP, please reduce the result by 11%

Orientation sensitivity



All graphs are indicative: performance in real life applications may vary.