

Overview

Frequency Band

860MHz-960MHz

Chip

Alien H10

Antenna Dimensions

30*50 mm/1.18*1.97 inch

International Standard

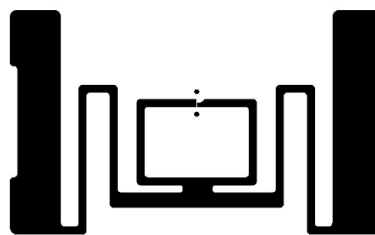
ISO/IEC 18000-63 Type C

Applications

Apparel

Item-level inventory tracking

Logistics and Transportation



This antenna is special designed for Apparel&inventory applications. Its high efficiency and excellent performance make it widely used in Apparel inventory or supply chain management.

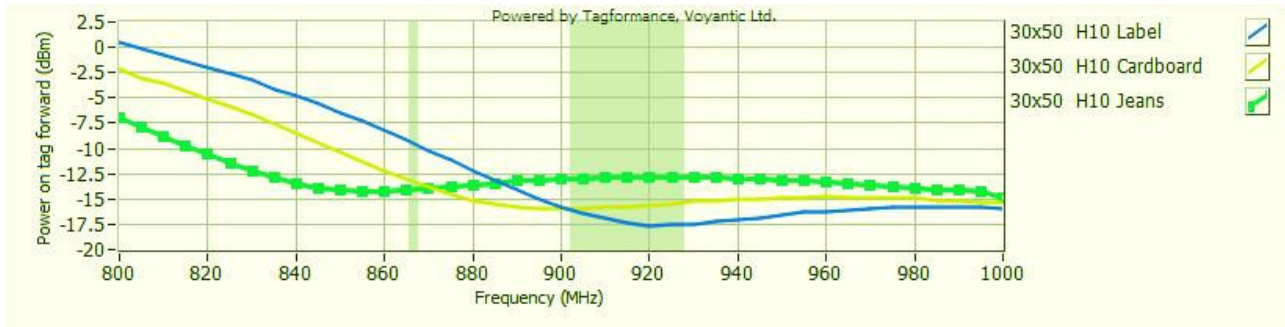
The Alien H10 chip is fully compatible with GS1 UHF Gen2 and ISO/IEC 18000-63 standards. Featuring outstanding read/write sensitivity, along with enhanced backscatter capability, it delivers industry leading performance & reliability optimized for high-volume applications.

OSRFID has an in-house R&D team well equipped with state of art Lab equipment which can customize a suitable label for your real-world applications.

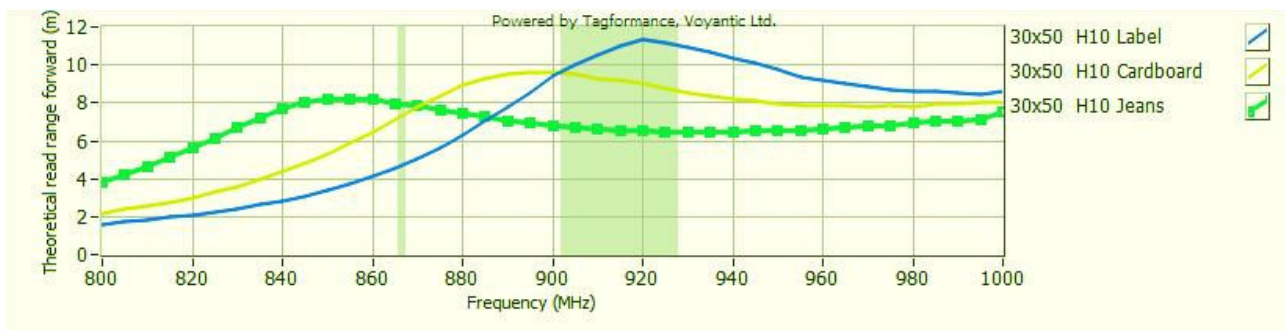
Technical Features

Model	OS31499	OS32282	OS332242
Delivery Format	Dry Inlay	Wet Inlay	Label
EPC Memory	128(96)Bits	128(96)Bits	128(96)Bits
User Memory	0(32)Bits	0(32)Bits	0(32)Bits
Die-cut Dimension	-	54*34mm	54*34mm
Inlay Substrate	50um PET	50um PET	50um PET
Standard Pitch	38.1mm	38.1mm	38.1mm
Web Width	63mm	63mm	63mm
Core Size	76.2mm/3inch	76.2mm/3inch	76.2mm/3inch
Quantity / Reel	10000 ± 300Pcs/Reel	2500 ± 2Pcs/Reel	2500 ± 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



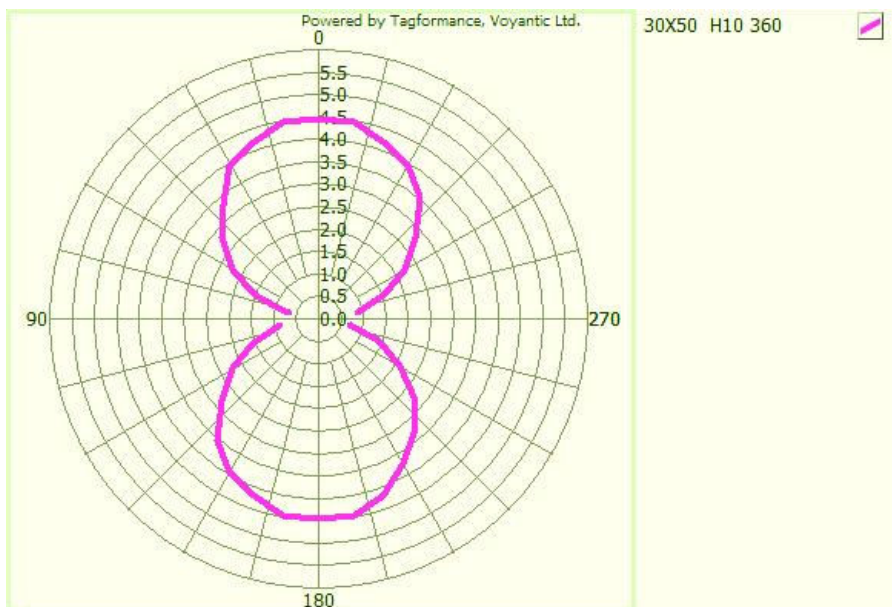
Read Range



Sensitivity&Read Range 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.

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