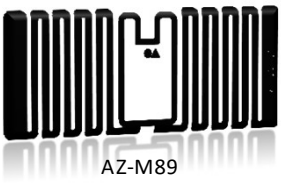
香港商永道無線射頻標籤有限公司台灣分公司
Arizon RFID Technology(Hong Kong)Co.,Ltd.,Taiwan Branch.



AZ-M89

Arizon RFID Technology, 100% owned by YFY Group, is a leading company to provide first-class manufacturing services of inlays /tags / tickets and cards for worldwide RFID industry. By 2012 Arizon has produced and delivered more than 1 billion inlays /tags and the number is 10 billion pcs by Apr. of 2019, all products conform to highest quality standards in HF and UHF technology for its valuable customers.

Arizon has established inlay/label monthly capacity up to 300 million pieces by 2018, and will continue its strong investments to further boost its monthly production capacity for satisfying the market's fast growing needs.

Overview

Operating Frequency
860MHz-960MHz

Integrated Circuit(IC)
NXP UCODE8

Antenna Size
42x16mm
1.654x0.630inch

Protocol
EPC Class1 Gen2
ISO/IEC 18000-6C

Application Areas
Brand Protection
Industry
Supply Chain Management
Retail

Electrical Characteristics

Antenna	AZ-M89		
Base Material	PET		
IC	**NXP**	**UCODE8**	**UCODE8m**
Memory	EPC:	128Bits	96Bits
	User:	0Bits	32Bits
	TID:	48Bits	48Bits
	Unique TID:	48Bits	48Bits
	Access Password:	32Bits	32Bits
	Kill Password:	32Bits	32Bits
IC Life	100,000 Programming cycles		
	50 years data retention		
Operating Mode	Passive		
Frequency	860 ~ 960MHz		
Standards	ISO 9001:2008		
	ISO 14001:2004		
	OHSAS 18001:2007		

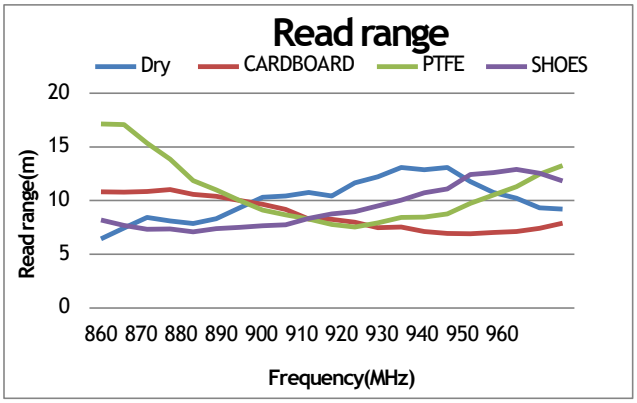
Web site: www.arizonrfid.com

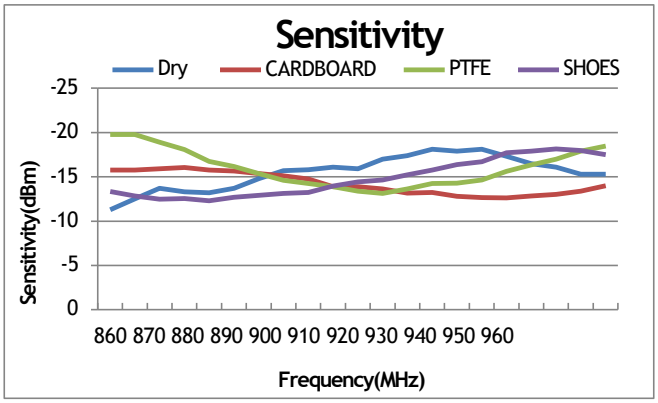
Copyright ©2019 Arizon RFID Technology Corporation All rights reserved

RoHS

香港商永道無線射頻標籤有限公司台灣分公司
Arizon RFID Technology(Hong Kong)Co.,Ltd.,Taiwan Branch.

Frequency Sweep



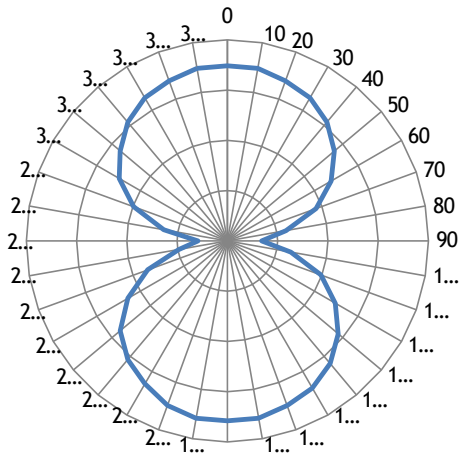


Test power：4W EIRP

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

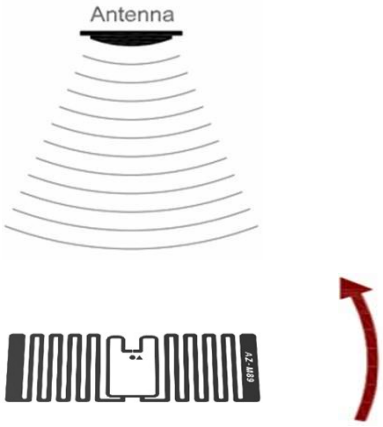
Radiation Patterns

Angular Sensitivity（dBm）；Power step 0.1dB；Angle step 10°



Angular Sensitivity

)Relative Read Range vs.Orientation(



Angular Sensitivity

Inlay is rotated in the x,y axis,fixed in z axis

)Tag shown at 0° with respect to face of antenna(

Usage Method

Shoes

Arizon RFID Testing Center:

RFID UHF Band: 800-1000MHz; Shielding effectiveness: > 100 dB; Background noise: < -75 dB Compatible to the following international standard:

EPC Global Class1 Gen2; ISO 18000-6C; GS1 TIPP (Tagged Item Performance Protocol)