永道射频技术股份有限公司
Arizon RFID Technology Co., Ltd.

AZ-EH

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)
Impinj Monza 4QT

Antenna Size
66x26mm
2.598x1.024inch

Protocol
EPC Class1 Gen2
ISO/IEC 18000-6C

Application Areas
Brand Protection
Industry/Electric meter label
Supply Chain Management

Electrical Characteristics

Antenna	AZ-EH			
Base Material	PET			
IC	Impinj Monza	4D	4E	4QT
Memory	EPC:	128Bits	96→496Bits	128Bits
	User:	32Bits	128Bits	512Bits
	TID:	48Bits	48Bits	48Bits
	Unique TID:	48Bits	48Bits	48Bits
	Access Password:	32Bits	32Bits	32Bits
	Kill Password:	32Bits	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

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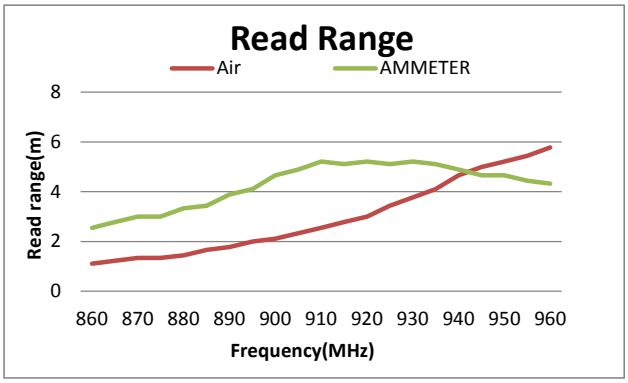
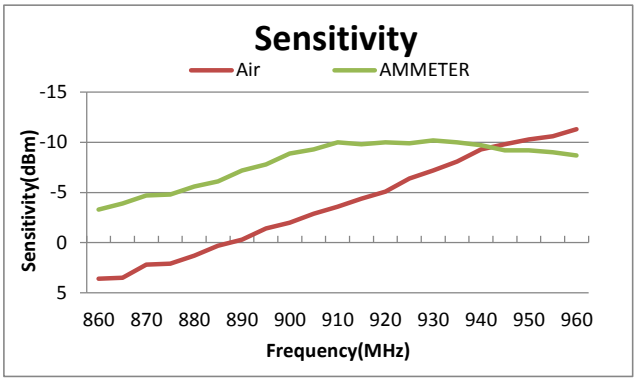
Frequency Sweep



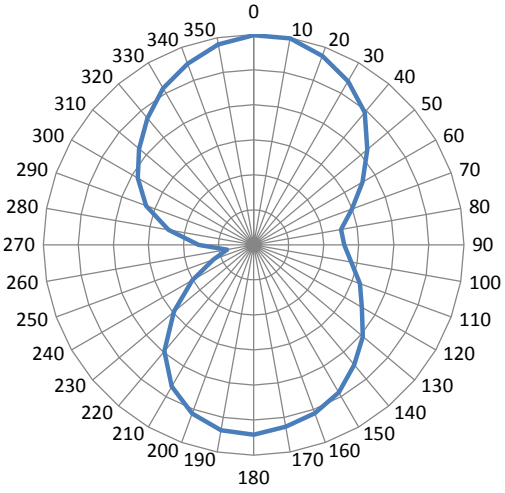


Test power：4W EIRP

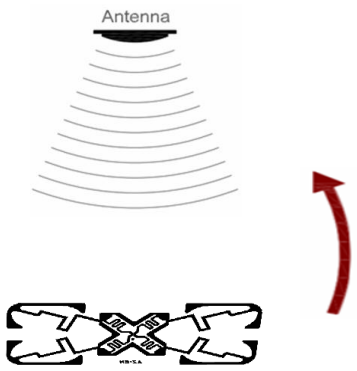
For countries that allow 2W ERP, please reduce the result by 11%

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)

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)