



AZ-MR74

Arizon RFID Technology, is a leading company to provide first-class manufacturing services of inlays / tags / tickets and cards for worldwide RFID industry. All products conform to highest quality standards in HF and UHF technology for its valuable customers.

Overview

Operating Frequency

860MHz-960MHz

Integrated Circuit(IC)

Impinj M700 series

Antenna Size

40x15mm

Protocol

EPC Class1 Gen2

ISO/IEC 18000-63

Application Areas

Brand Protection

Supply Chain Management

Electrical Characteristics

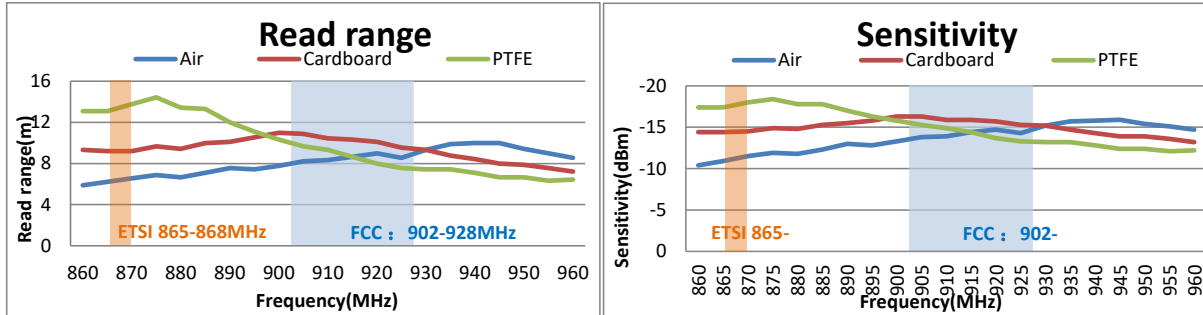
Antenna

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Substrate Material	PET		
IC	Impinj Monza	M730	M750
Memory	EPC:	128Bits	96Bits
	User:	0Bits	32Bits
	TID:	48Bits	48Bits
	Unique TID:	48Bits	48Bits
	Access Password:	Shared 32bits Password for Access/Kill	Shared 32bits Password for Access/Kill
Kill Password:			
IC Life	10,000 Programming cycles		
	10 years data retention		
Operating Mode	Passive		
Operating tempeature	- 40℃ to 85℃		
Standards	ISO 9001		
	ISO 14001		
	ISO 45001		
	IATF 16949		



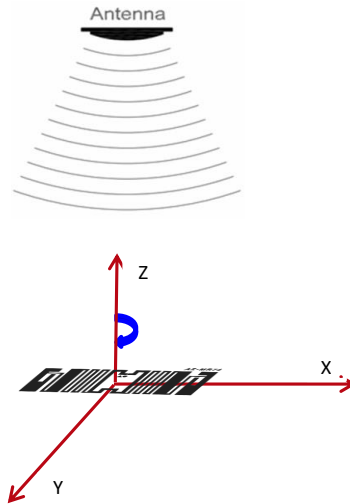
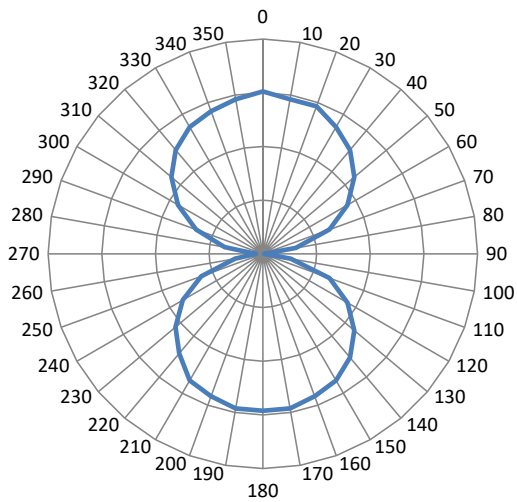
Frequency Sweep



All the graphs are based on our lab testing; performance in real life applications may vary.
Test power: 4W EIRP. For countries that allow 2W ERP, please reduce the result by 11%.

Radiation Patterns

Orientation 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 18000-63; GS1 TIPP (Tagged Item Performance Protocol)