

NZM-MR7-6535

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

Antenna: 130x32mm

Tag: 65x35x1.2mm

Protocol

EPC Class1 Gen2

ISO/IEC 18000-63

Application Areas

Brand Protection

Metal

Supply Chain Management

Electrical Characteristics

Antenna NZM-MR7-6535

Substrate Material	PET				
IC	Impinj Monza	M730	M750	M780	M781
Memory	EPC:	128Bits	96Bits	496Bits	128Bits
	User:	0Bits	32Bits	128Bits	512Bits
	TID:	48Bits	48Bits	48Bits	48Bits
	Unique TID:	48Bits	48Bits	48Bits	48Bits
	Access Password:	Shared 32bits Password for Access/Kill			
	Kill Password:				

IC Life 10,000 Programming cycles □
10 years data retention

Operating Mode Passive

Operating temperature - 40°C to 85°C

Standards



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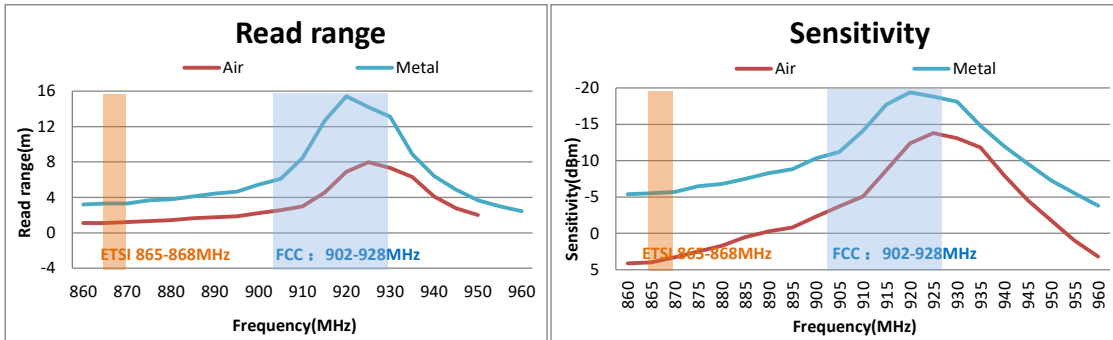
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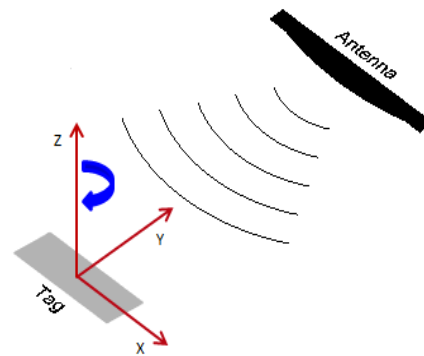
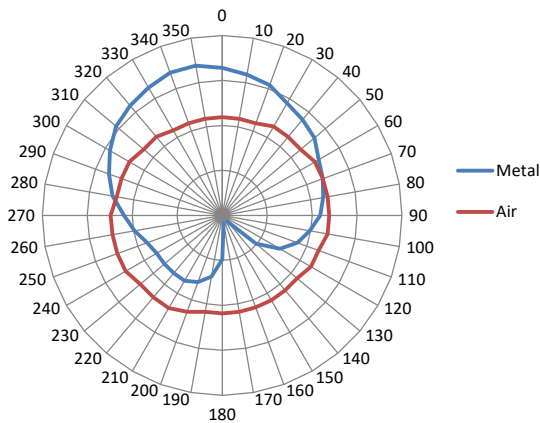
Frequency Sweep



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)

Handheld reader

Test object :	Air	Metal
Range range :	2.5m	> 5m

The handset is tested with 33dBm power.

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