



AZ-AM673

MW CARD AND RFID TECH LTD. founded in 1993 as the first RFID manufacture in China, have been providing professional RFID manufacture service to our global partners for 26years with great reputation for honesty. We produce the whole Smart Cards and RFID product not only ISO size but also customization produce to meet various applications. We own the world classic RFID production lines to help our partners to achieve goal to make high quality product with excellent capacity and best cost .

Overview

Operating Frequency

860MHz-960MHz

Integrated Circuit(IC)

Impinj Monza R6

Antenna Size(Before & after folding)

18X74X0.74mm(Before) 18X37X1.48mm(After)

0.71X2.91X0.03inch 0.71X1.46X0.06inch

Protocol

EPC Class1 Gen2

ISO/IEC 18000-6C

Application Areas

Brand Protection

Industry

Supply Chain Management

Metal Surface

Electrical Characteristics

Antenna AZ-AM673

Base Material PET

IC Impinj Monza R6 R6-A R6-P S6-C

Memory		R6	R6-A	R6-P	S6-C
EPC:		96Bits	96Bits	128(96)Bits	96Bits
User:		0Bits	0Bits	32(64)Bits	32Bits
TID:		48Bits	48Bits	48Bits	48Bits
Unique TID:		48Bits	48Bits	48Bits	48Bits
Access Password:		0Bits	32Bits	32Bits	32Bits
Kill Password:		0Bits	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.mwcardrfid.com

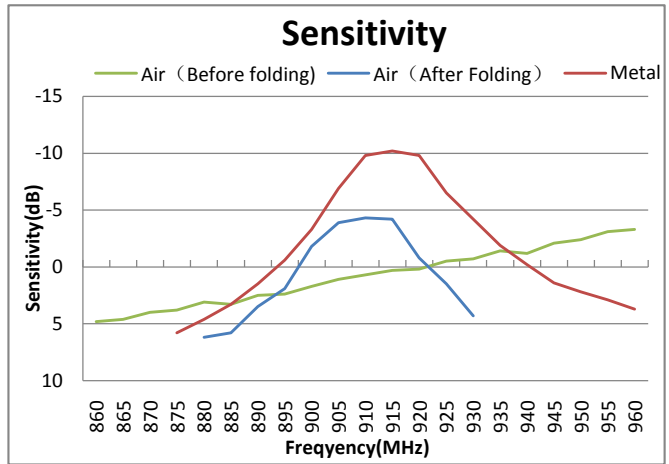
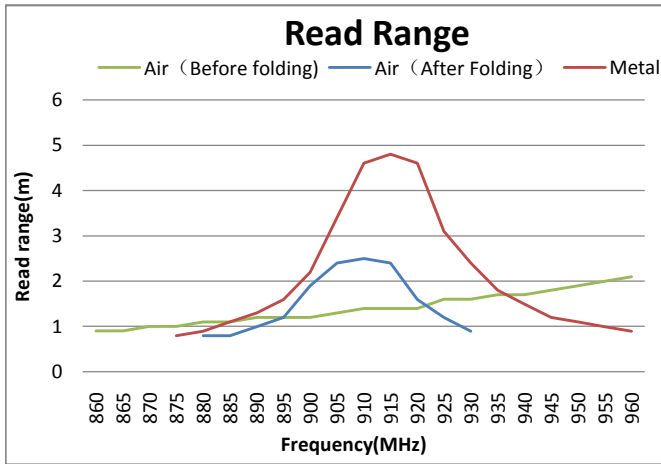
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Frequency Sweep

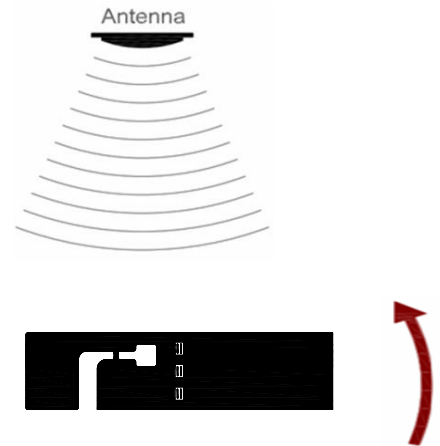
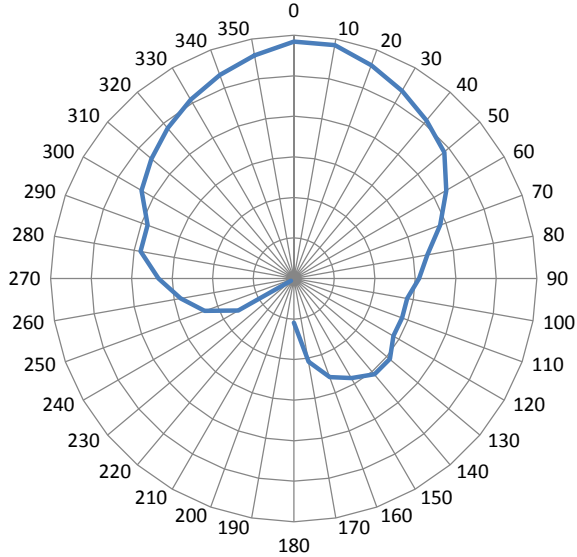


Test power : 2W ERP

For countries that allow 4.00 W EIRP, please add 11% to the results

Radiation Patterns

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



Handheld Reader

On metal: 1.4m

Off metal: 0.7m

MW CARD AND RFID Testing Center:

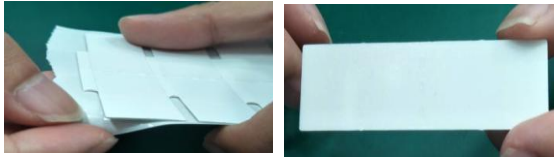
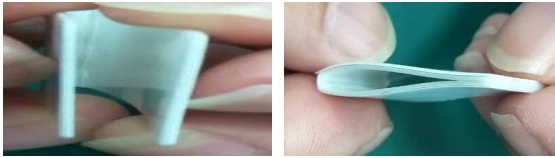
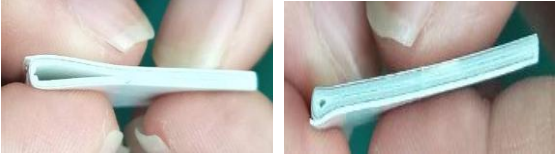

RFID UHF Band: 800-1000MHz; Shielding effectiveness: > 100 dB; Background noise: < -75 dB

Compatible to the following international standard:

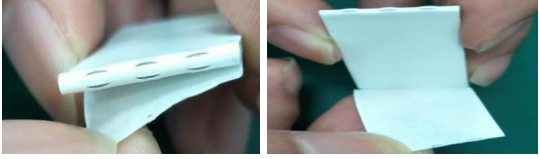

EPC Global Class1 Gen2; ISO 18000-6C; GS1 TIPP (Tagged Item Performance Protocol)

MW CARD AND RFID TECH LTD.

Folding Method

Step	Description	Picture
1	Peel off tag from liner.	
2	Fold the tag with short size.	
3	Squeeze from outer to middle connection position until it fits completely	
4	After folding, the upper and lower two layers of tag should be flat and fit, also the flower cutter of the middle joint is in the centre	

Usage Method

Step	Description	Picture
1	Peel Off tag from liner	
2	Stick the tag on the metal surface.	
3	Recommendation for better usage: a. stick tag at the edge of metal surface; b. the curved diameter of surface should > 100mm c. The direction of the long side and surface are consistent.	