

AZ-DF15

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)

EM4423

Antenna Size

23X38mm

0.906X1.496inch

Protocol

ISO/IEC 18000-6C EPC Class1 Gen2

ISO/IEC 14443A-3

Application Areas

Brand Protection

Industry

Supply Chain Management

Electrical Characteristics

Antenna AZ-DF15

Base Material

PET

IC

EM

4324

4423

Memory

EPC:	96Bits	128(224)Bits
User:	720Bits	160(64)Bits
TID:	32Bits	32Bits
Unique TID:	64Bits	32Bits
Access Password:	32Bits	\
Kill Password:	32Bits	\

IC Life

100,000 Programming cycles

50 years data retention

Operating Mode

Passive

Frequency

860 ~ 960MHz

Standards

ISO 9001:2008

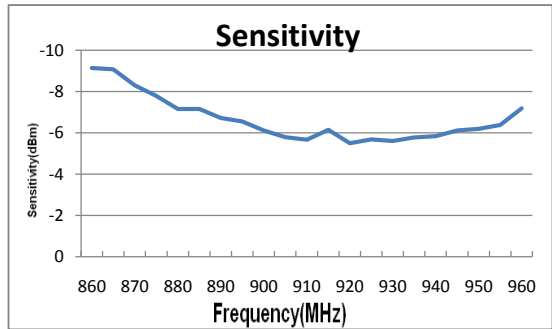
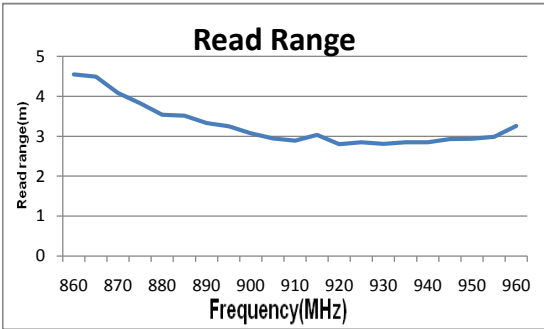
ISO 14001:2004

OHSAS 18001:2007



MW CARD AND RFID TECH LTD.

Frequency Sweep

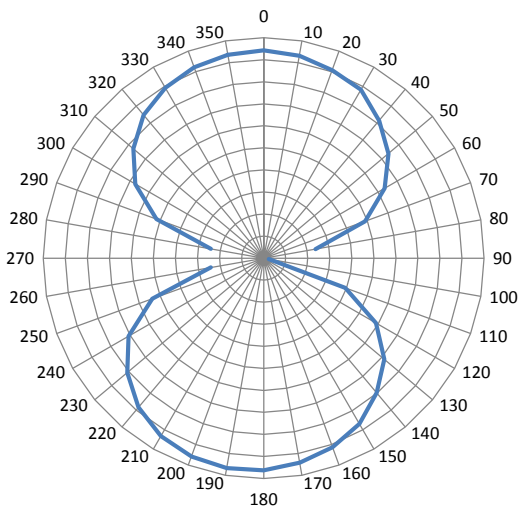


Test power : 2W ERP

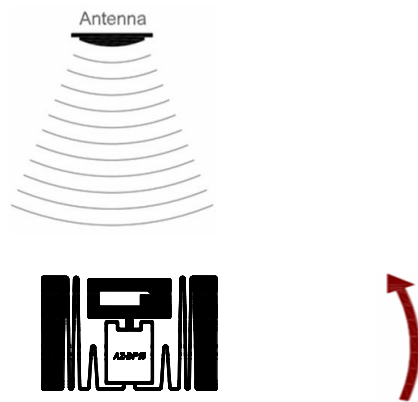
For countries that allow 4.00 W EIRP, please add 11% to the results

Radiation Patterns

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



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)

HF Feature

Frequency	Q value	Read range
13.6MHz	\	40mm

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; ISO/IEC 14443A-3; GS1 TIPP (Tagged Item Performance Protocol)