

Overview

Frequency Band

13.56MHz

860MHz-960MHz

Chip

FM13DT160

Antenna Dimensions

77*44mm / 3.32*1.732inch

International Standard

ISO14443A

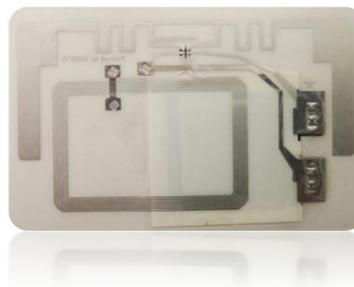
EPC C1G2(ISO18000-6C)

Applications

Cold chain

Vaccine

Technical Features

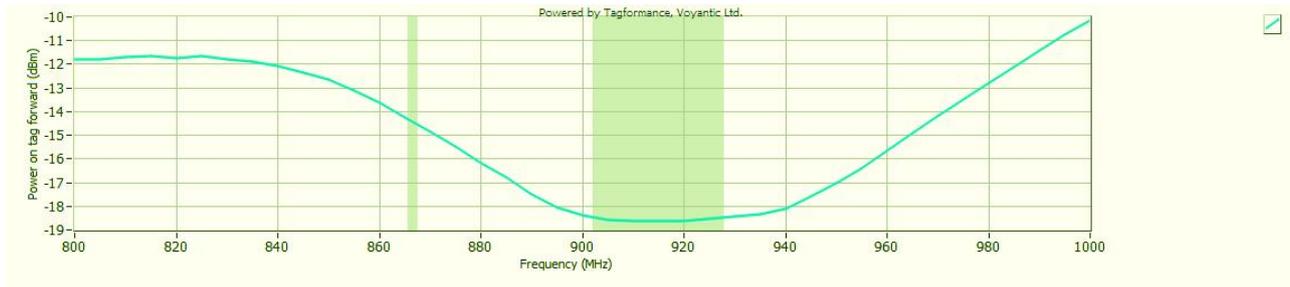


OSRFID temperature sensor tag is a low cost, semi-passive NFC&UHF dual RFID temperature logger which supports timing temperature measurement data storage. There is a paper battery with the tag, in which data can be stored offline to monitor temperature through out the process.

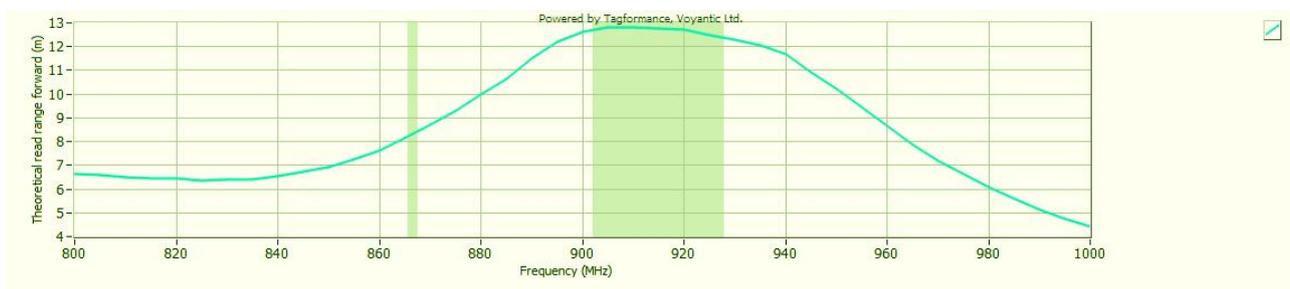
This tag is ideal for monitoring those temperature sensitive products like fresh foods and pharmaceuticals during transportation and storage.

Model	OS231270
Delivery Format	PP Synthetic paper Label
EPC Memory	160k bits
User Memory	160k bits
Die-cut Dimension	88.5*54mm
Inlay Substrate	50um PET
Standard Pitch	92 ± 0.5
Web Width	70 ± 1.00
Core Size	3inch(76.20 ± 0.50)
Quantity / Reel	1000 ± 2Pcs/Reel
Operating Temperature	-35°C to +50°C
Remarks	-

UHF Sensitivity



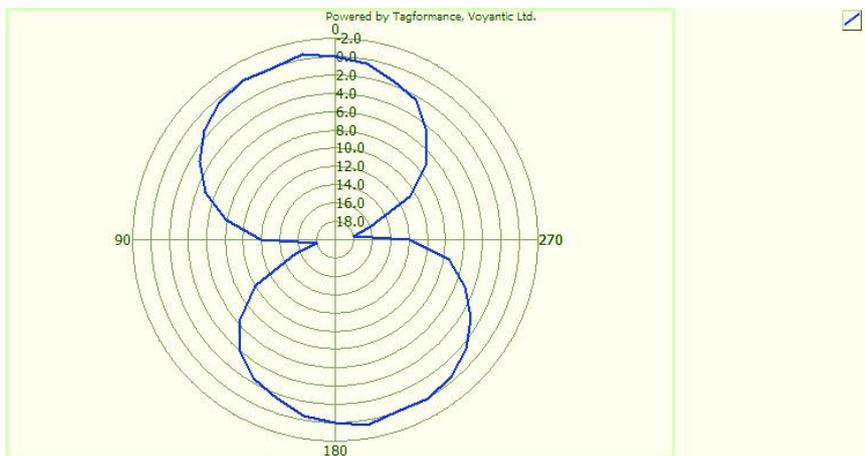
UHF Read Range



Sensitivity&Read Rang Test power: 4W EIRP

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

UHF Orientation



All graphs are indicative: performance in real life applications may vary.