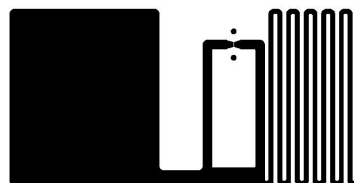


## Overview

### Frequency Band

860MHz-960MHz



### Chip

Impinj M830

### Antenna Dimensions

40\*20 mm/1.57\*0.787 inch

### International Standard

ISO/IEC 18000-63 Type C

### Applications

Clothing Retail

Jewelry Management

Medicine Management

This antenna is flag & cost effective designed specially for metal or liquid products. Its special flag design and excellent performance make it widely used on liquid products, medical consumables and retail management, asset management, etc.

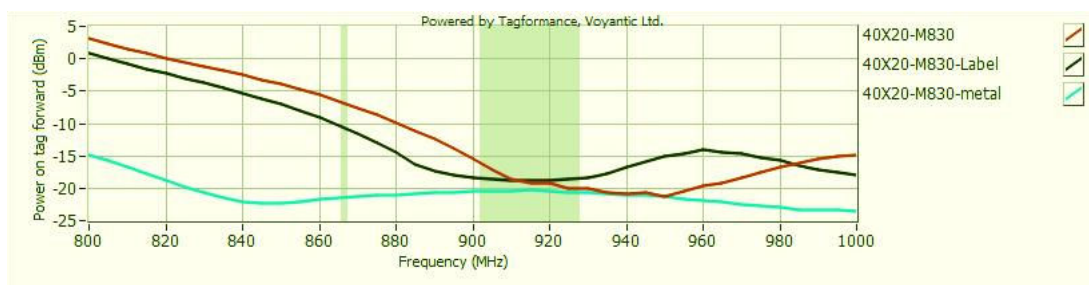
The M830 chip supports Gen2X and is fully compatible with GS1 UHF Gen2 and ISO/IEC 18000-63 standards. It enables rapid read/write operations and dense mode recognition. With its high-sensitivity design, the chip ensures stable long-range reading performance, making it perfect for high-frequency, large-volume application scenarios.

OSRFID has an in-house R&D team well equipped with state of art Lab equipment which can customize a suitable label for your real-world applications.

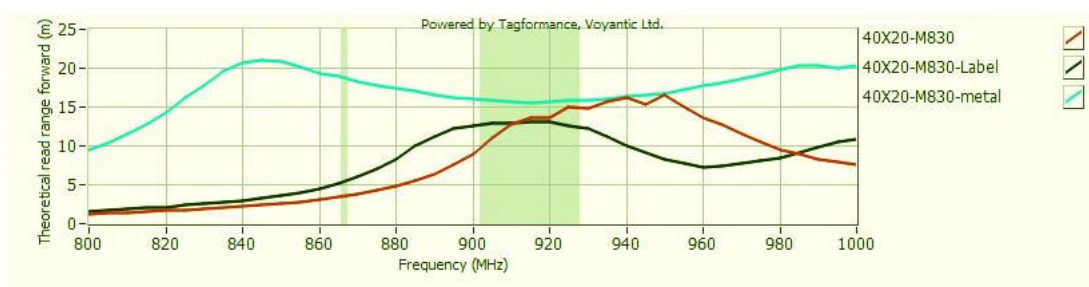
### Technical Features

Model	OS31856	OS333347
Delivery Format	Dry Inlay	Label
EPC Memory	128Bits	128Bits
User Memory	0Bits	0Bits
Die-cut Dimension	-	45*23mm
Inlay Substrate	50um PET	50um PET
Standard Pitch	33.3375mm	33.3375mm
Web Width	63mm	60mm
Core Size	76.2mm/3inch	76.2mm/3inch
Quantity / Reel	10000 ± 300Pcs/Reel	2500 ± 2Pcs/Reel
Operating Temperature	-20°C to +50°C (20% to 80%RH)	
Remarks	Wet inlay and Label are regular size. Other size can be customized.	

## Sensitivity



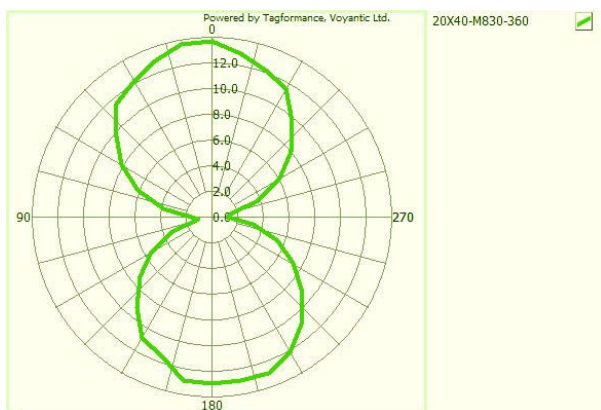
## Read Range



Sensitivity&Read Rang Test power: 4W EIRP

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

## Orientation sensitivity



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