



**SCIVAS LIMITED**

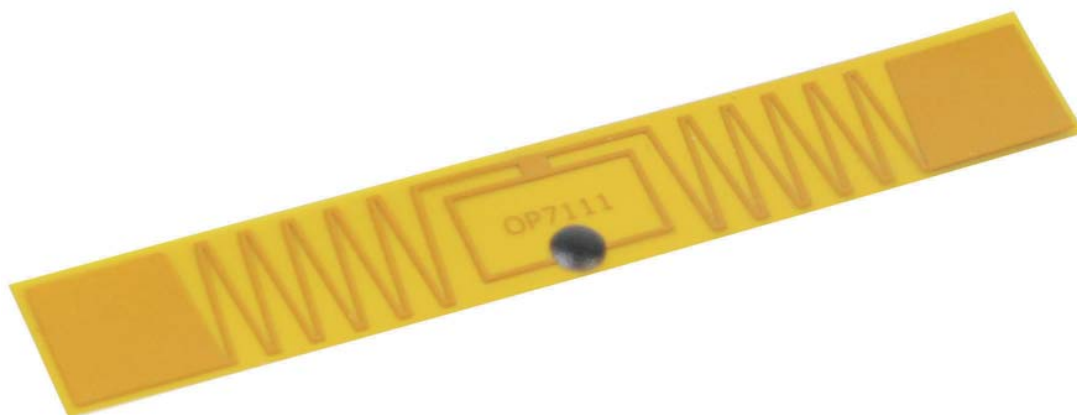
**YOUR VISION, OUR FREQUENCY**

**RFID Tags & Smart Cards, Precision-Engineered for Global Markets.**

WEBSITE: [www.scivas.com](http://www.scivas.com)

TEL: +86-20-87097510

## Product Model: HTR7111-1



### Functional Specifications:

|                                                         |                                                      |
|---------------------------------------------------------|------------------------------------------------------|
| RFID Protocol:                                          | EPC Class1 Gen2, ISO18000-6C                         |
| Frequency:                                              | Global 840Mhz to 960Mhz                              |
| IC type:                                                | Alien Higgs-3                                        |
| Memory:                                                 | EPC 96bits (Up to 480bits) , USER 512bits, TID64bits |
| Write Cycles:                                           | 100,000times                                         |
| Functionality:                                          | Read/write                                           |
| Data Retention:                                         | Up to 50 Years                                       |
| Applicable Surface:                                     | non Metal Surfaces                                   |
| Read Range :<br>(Fix Reader:ThingMagic FU-M6-E, 30dBm)  | Up to 9.0M, off metal                                |
| Read Range :<br>(Handheld Reader: OP9908, R2000, 30dBm) | Up to 5.0M, off metal                                |
| Warranty:                                               | 1 Year                                               |

### Physical Specification:

|                   |         |
|-------------------|---------|
| Antenna Size:     | 71x11mm |
| Thickness:        | 0.13mm  |
| Material:         | FPC     |
| Colour:           |         |
| Mounting Methods: |         |
| Weight:           | 0.2g    |



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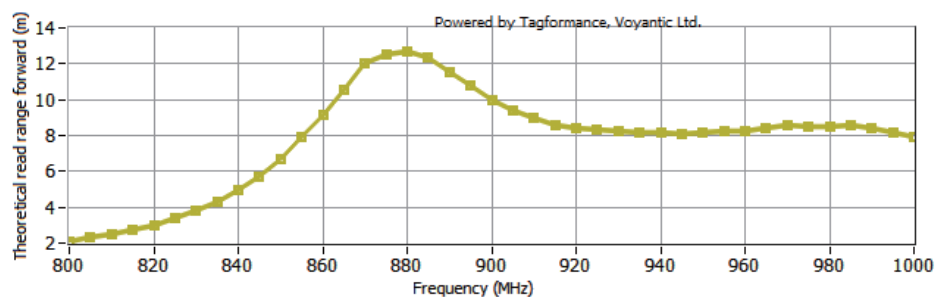
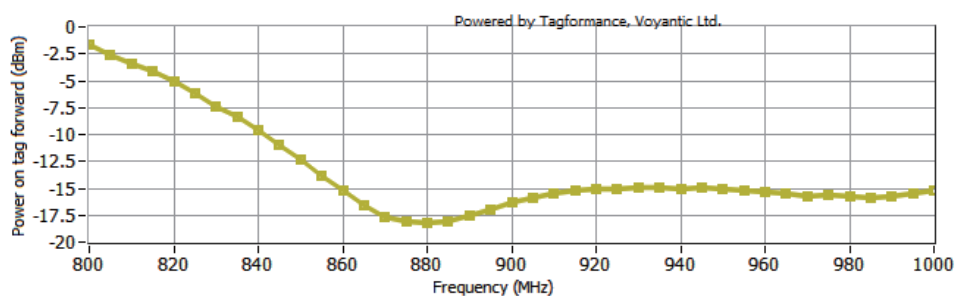
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## HTR7111-1:



### Environmental Specification:

IP Rating: IP68

Storage Temperature: -40°C to +200°C

Operation Temperature: -40°C to +100°C

Certifications: Reach Approved, RoHS Approved, CE Approved