

HF1709-8

Protocol

ISO/IEC 14443 A

Operating frequency

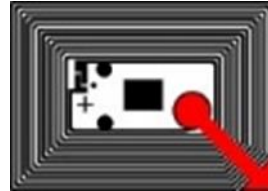
13.56 MHz

Antenna size

35*25 mm / 1.38*0.98 inch

Key features

- Anticollision, based on cascaded UID.
- High data transfer rate.



Electrical Specifications

chip memory sections

Name	Size
Mifare Ultralight EV1	384 bits User Memory
Mifare Classic EV1 1k	6016 bits User Memory

General Characteristics of Inlay

Inlay Substrate Material	PET
Antenna Material	Aluminum
Operating Temperature	-40 °C - 85 °C / 40 °F - 185 °F
Bending Diameter	>50mm / 1.97"
Static Pressure	< 10MPa

Delivery formats

Available formats	wet/dry inlay, tag, card
Quality	100% performance tested

Test graph

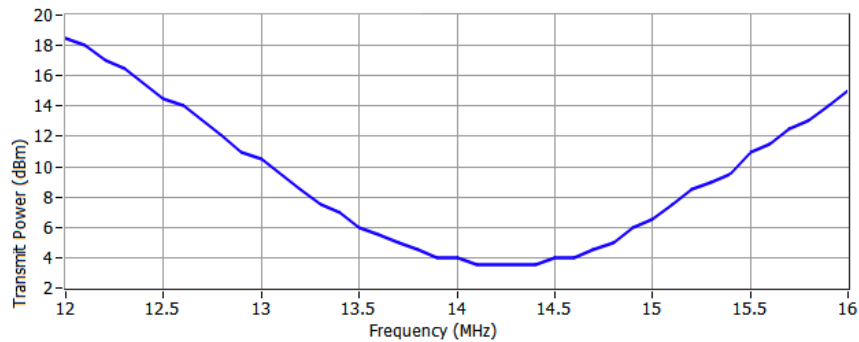


Figure 1

Figure 1 shows the resonance frequency of the tag.

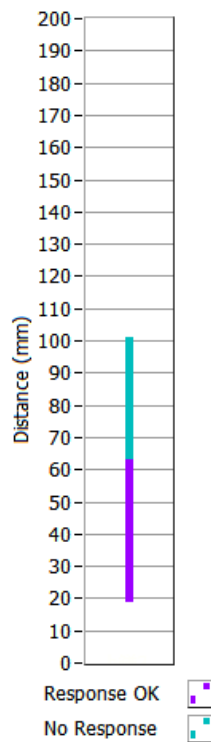


Figure 2

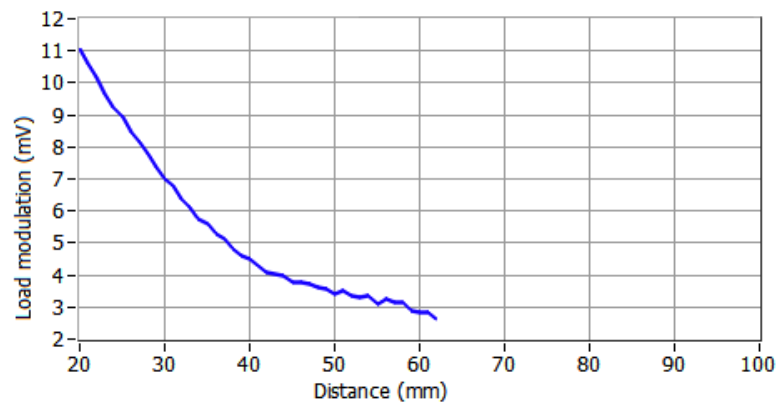


Figure 3

Figure 2 shows the measurement distance of the tag.

Figure 3 shows the measurement distance of the tag and the received tag signal strength from the measurement tag.