

# NFC1706-15

## Protocol

ISO/IEC 14443 A

## Operating frequency

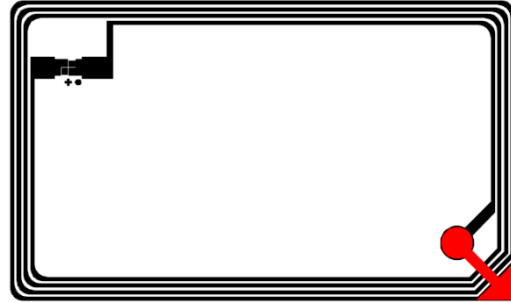
13.56 MHz

## Antenna size

76\*45 mm / 2.99\*1.77 inch

## Key features

- Anticollision.
- Full comply with NFC Forum Type 2 tag and ISO/IEC 14443 Type A specification.
- Operating distance up to 100mm.
- Automatic NFC counter triggered at read command.



## Electrical Specifications

### NTAG 21x family memory sections

| Name     | Size                  |
|----------|-----------------------|
| NTAG 213 | 1152 bits User Memory |
| NTAG 215 | 4032 bits User Memory |

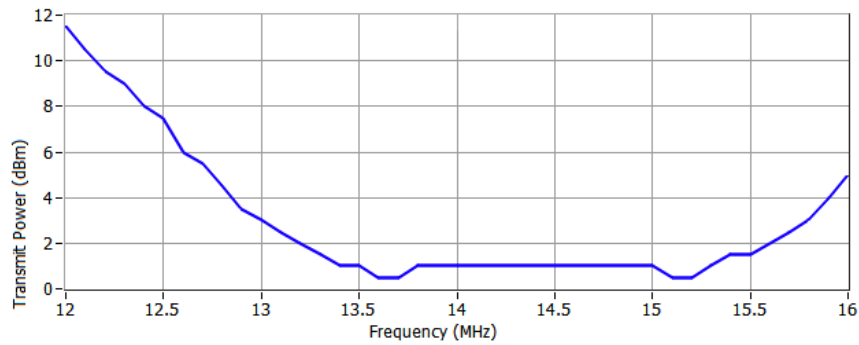
## General Characteristics of Inlay

|                          |                                 |
|--------------------------|---------------------------------|
| 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

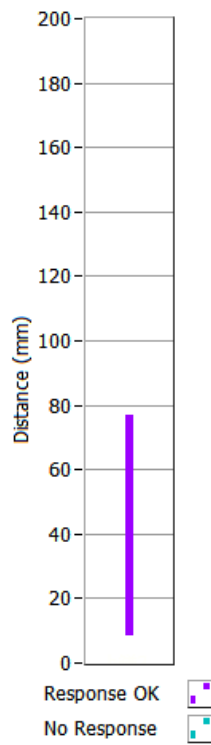
|                   |                          |
|-------------------|--------------------------|
| Available formats | wet/dry inlay, tag, card |
| Quality           | 100% performance tested  |

## Test graph

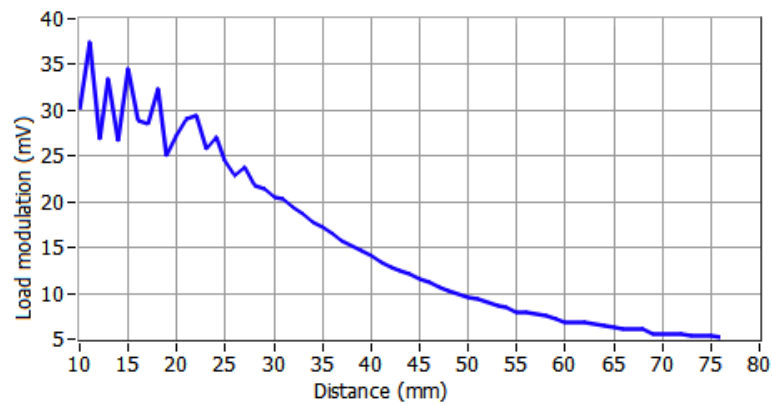


**Figure 1**

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.