

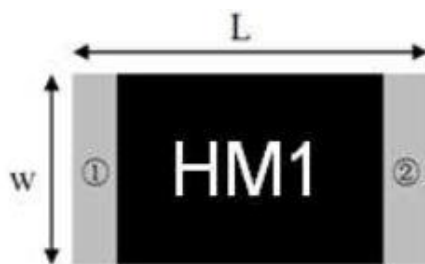
## Infinea Tab M Antenna Report

### 1. Bluetooth Antenna

#### 1.1 Specifications

Specifications	
Central Frequency	<b>2450MHz</b>
Transmitting frequency	<b>2400.0MHz-2500.0MHz</b>
Receiver frequency	<b>2400.0MHz-2500.0MHz</b>
Bandwidth	<b>100MHz</b>
V.S.W.R	<b>≤2.0</b>
Impedance	<b>50 Ohm</b>
Antenna type	<b>Omni-directional</b>
Antenna Polarization	<b>Linear</b>
Antenna gain	<b>+3.12 dBi</b>

#### 1.2 Dimensions (Unit: mm)



( Top View )

Number	Terminal Name
①	INPUT
②	NC



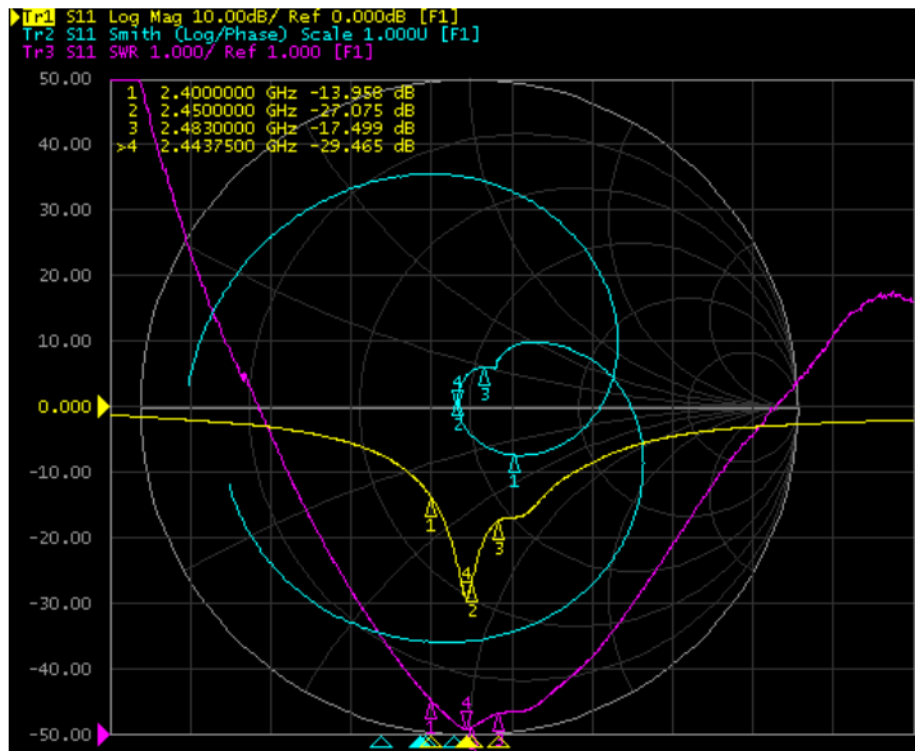
( Bottom View )



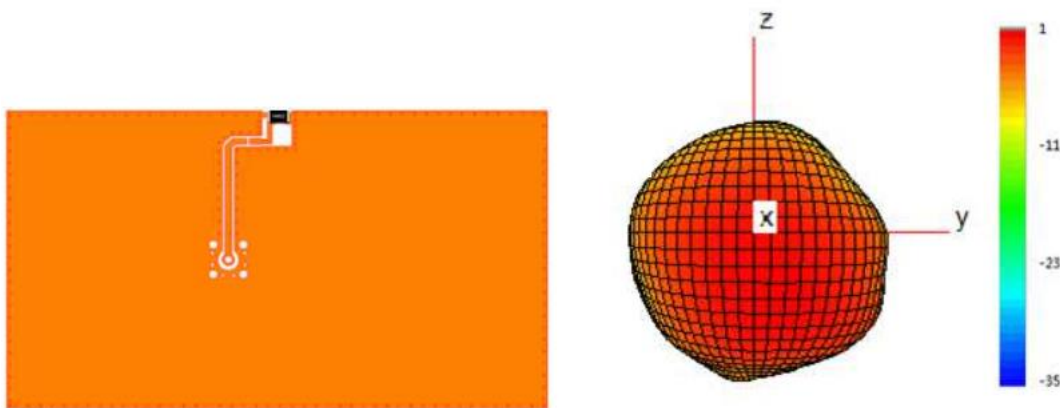
( Side View )

Symbols	L	W	T	A
Dimensions	2.0+/-0.2	1.2+/-0.2	0.5+/-0.1	0.3+/-0.2

### 1.3 Return loss (S11)



### 1.4 Radiation Pattern & Efficiency



Frequency (MHz)	2400	2450	2500
Efficiency (dB)	-2.22	-1.87	-2.08
Efficiency (%)	60	65	62
Gain (dBi)	2.75	3.12	3.01

## 2. RFID Antenna

### 2.1 Specifications

Specifications	
Operating frequency (MHz)	<b>13.56</b>
Antenna type	<b>Flex PCB</b>
Antenna gain	<b>0 dBi</b>

### 2.2 Dimensions (Unit: mm)

