

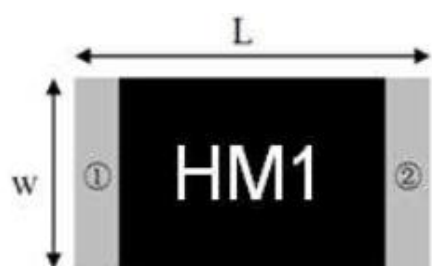
NYC1/NYC1-SCR Antenna Report

1. Bluetooth Antenna

1.1 Specifications

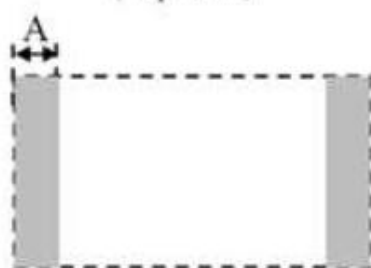
Specifications	
Central Frequency	2450MHz
Transmitting frequency	2400.0MHz-2500.0MHz
Receiver frequency	2400.0MHz-2500.0MHz
Bandwidth	100MHz
V.S.W.R	≤2.0
Impedance	50 Ohm
Antenna type	Omni-directional
Antenna Polarization	Linear
Antenna gain	+3.12 dBi

1.2 Dimensions (Unit: mm)



(Top View)

Number	Terminal Name
①	INPUT
②	NC



(Bottom View)



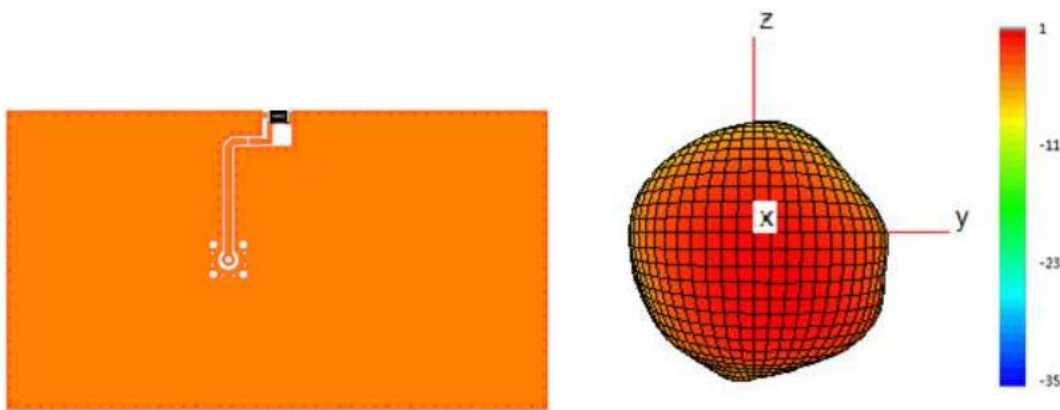
(Side View)

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)	13.56
Antenna type	Flex PCB
Antenna gain	0 dBi

2.2 Dimensions (Unit: mm)

