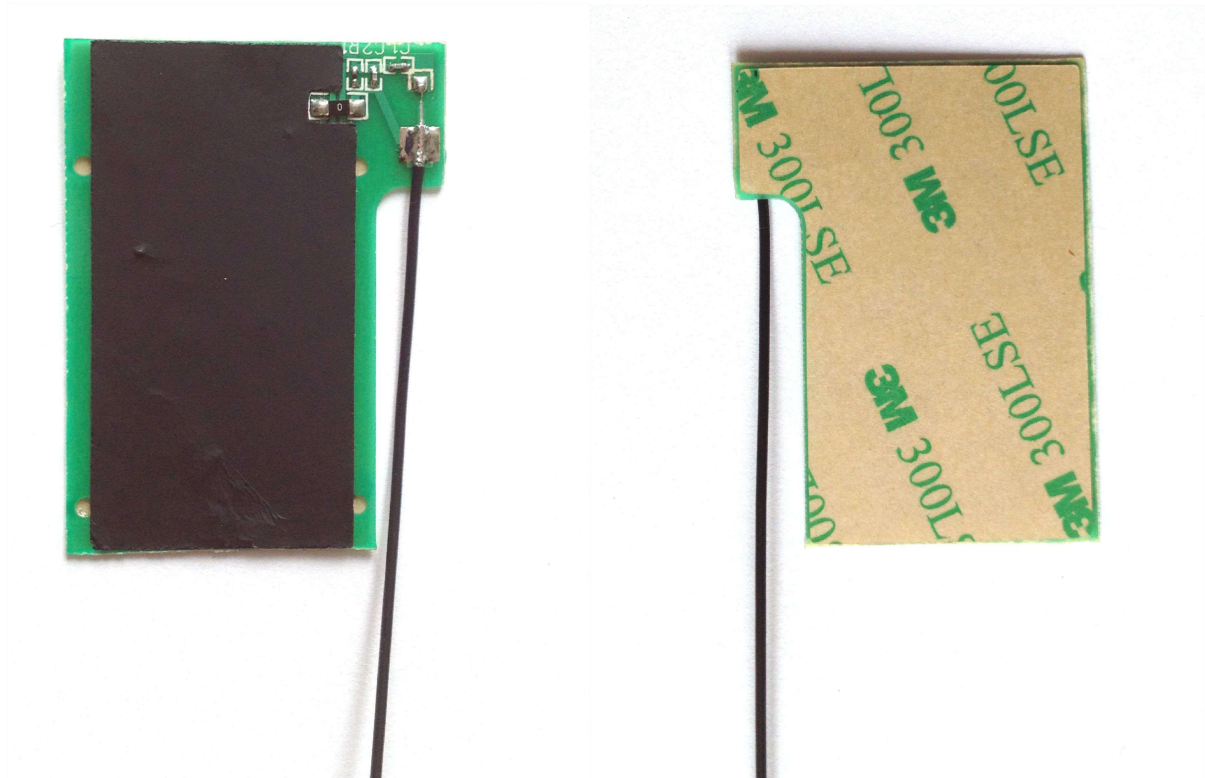
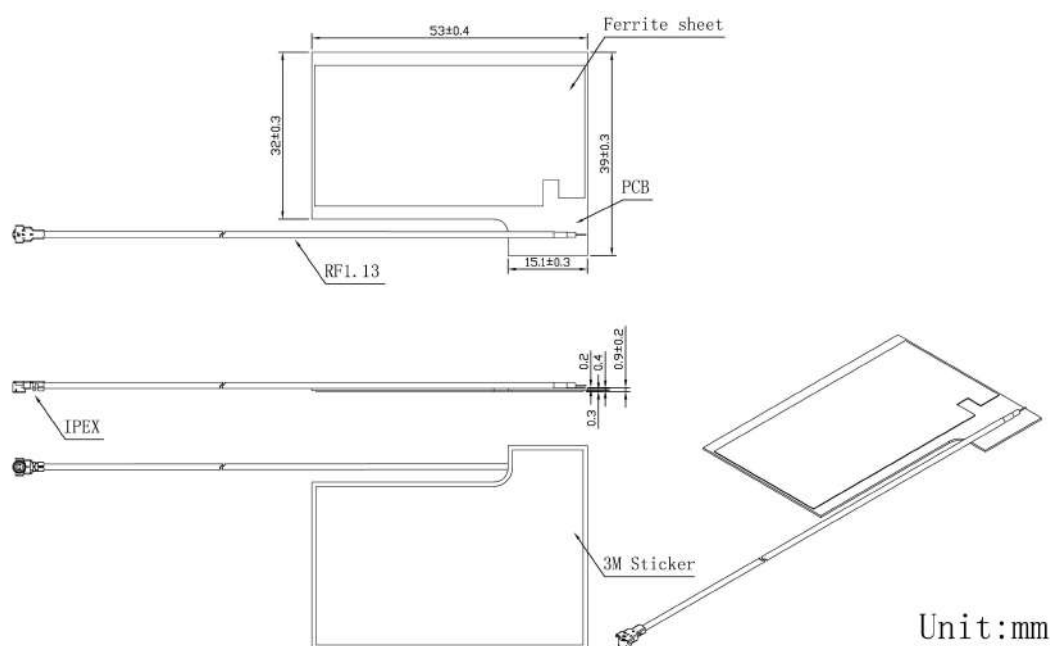


# Near-Field Communications Internal Antenna JCNF713



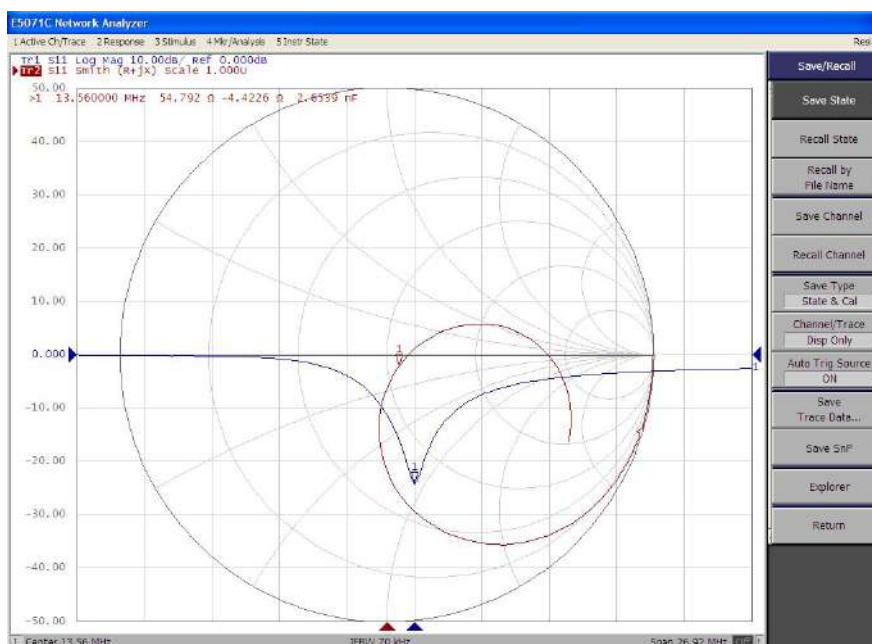
## DIMENSIONS



## SPECIFICATIONS

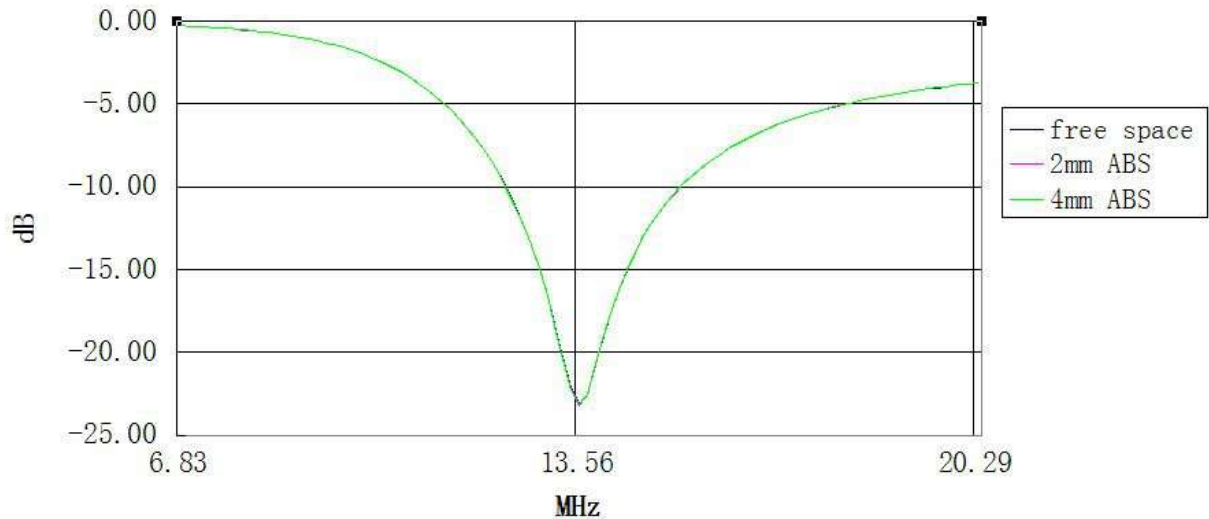
Item	Specifications	
Antenna	Center Frequency	13.56MHz
	Polarization	Linear
	V.S.W.R	<2.0
	Impedance	50 $\Omega$
	Read Distance	out to 5 cm
	Dimension	53*39*2mm
Mechanical	Cable	RF1.13 or others
	Connector	IPEX or others
	Mounting Method	Adhesive
Environmental	Operating Temperature	-40°C~+85°C
	Relative Humidity	Up to 95%
	Vibration	10 to 55Hz with 1.5mm amplitude 1 hours
	Environmentally Friendly	ROHS Compliant

## Smith Chart & Return Loss



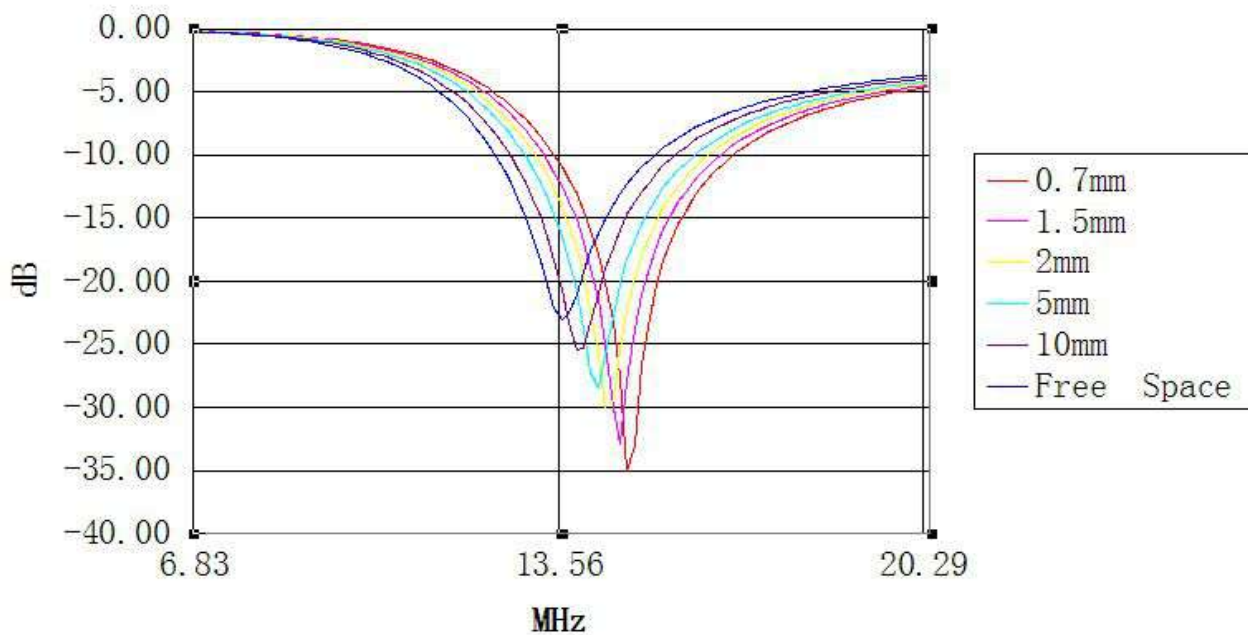
## Antenna Applications

**Thickness of ABS material:**For customization reference, we place Jinchang JCNF713 antenna on ABS material boards with different thickness.



Following the results above, our customers can easily stick this antenna on their device enclosure.

### Proximities to Metal Ground:



The minimum distance of the antenna placement away from metal is more than 1mm.