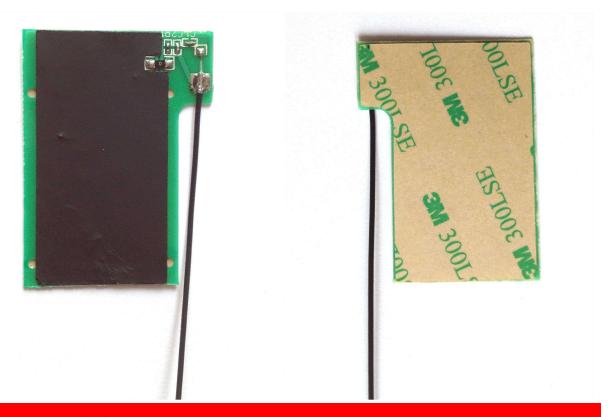
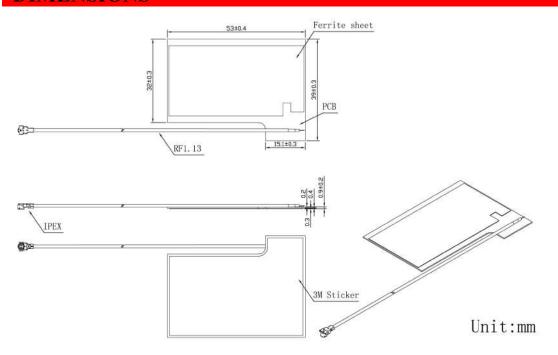


# Jinchang Electron Global Service

# Near-Field Communications Internal Antenna **JCNF713**



# **DIMENSIONS**



 $Zhejiang\ JC\ Antenna\ Co.,\ Ltd.$ 

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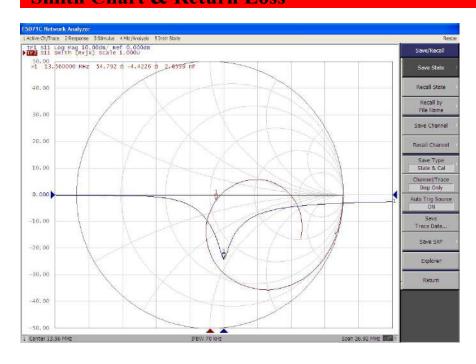


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# **SPECIFICATIONS**

Item		Specifications
Antenna	Center Frequency	13.56MHz
	Polarization	Linear
	V.S.W.R	<2.0
	Impendance	50 Ω
	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**



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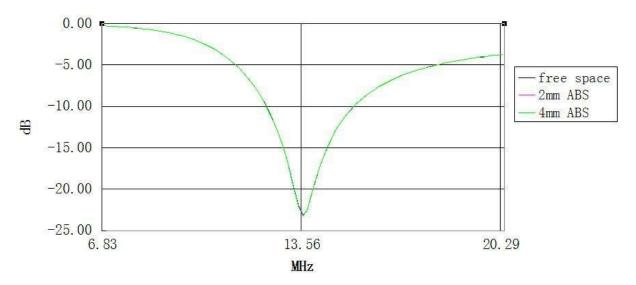
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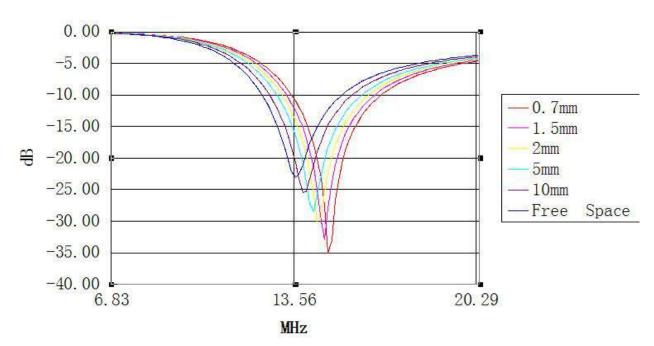
# **Antenna Applications**

**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.

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