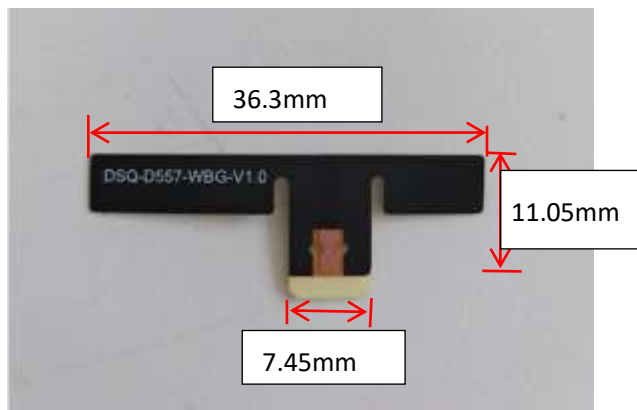


GPS BT WIFI Audio Antenna Report

1. Antenna Description

Antenna plate	Omni-directional
Market Name	Acoustic
Antenna Max. Gain	0.3dBi; 0.4dBi; 0.7dBi
Frequency Range	1575MHz; 2400-2500MHz; 5150-5850MHz
Connect Type	Spring Connection
Antenna Type	FPC antenna

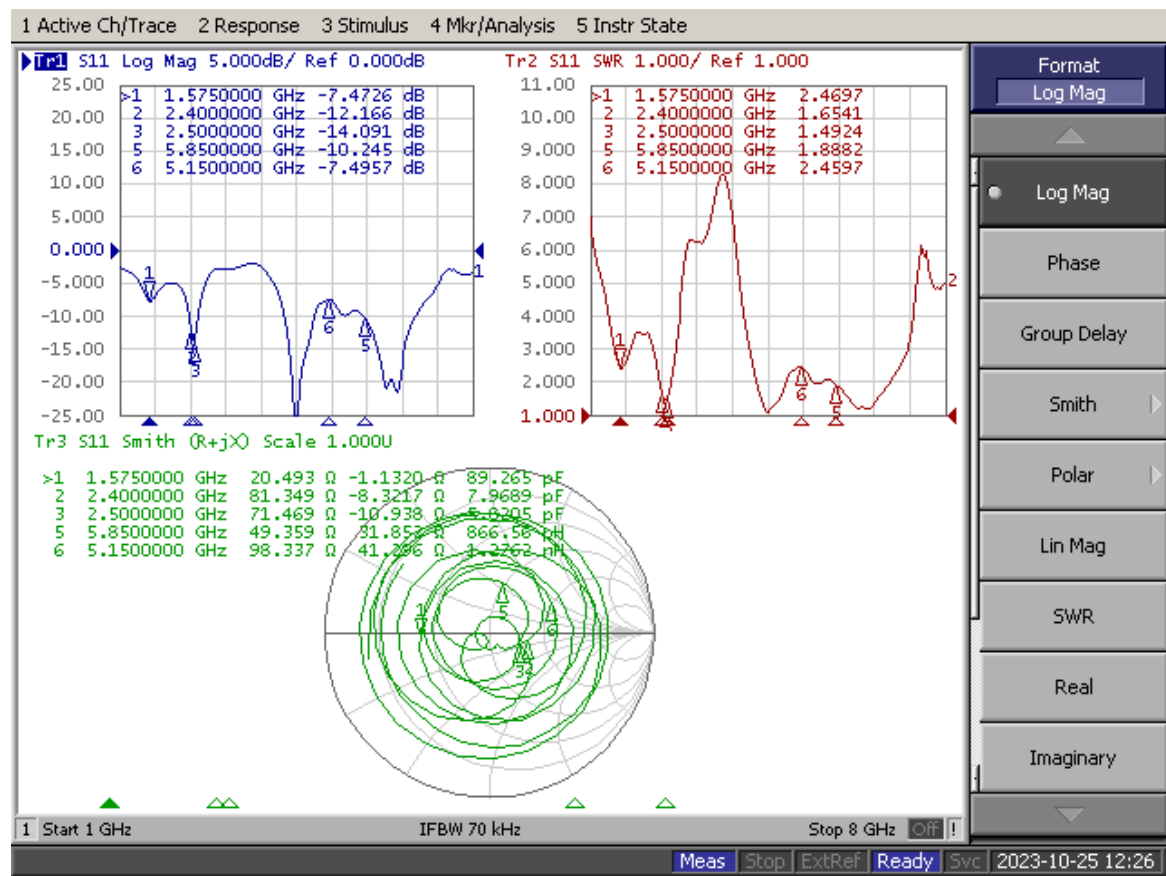
2. Size of Antenna



NFC Ant

32mm

3. Return Loss/VSWR/Input impedance:



Frequency: VSWR

1.575GHz 2.4697

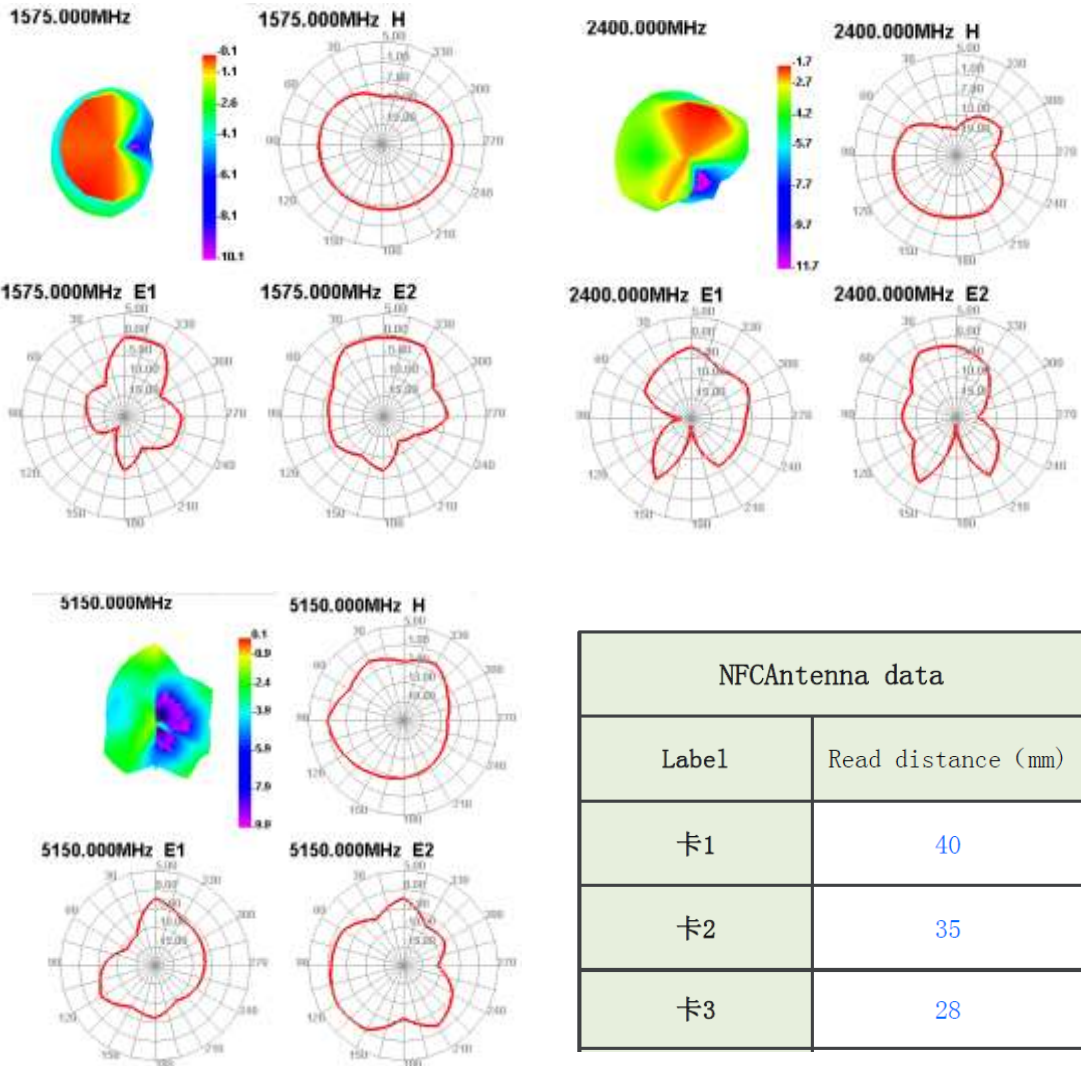
2.4GHz 1.6541

2.5GHz 1.4924

5.15GHz 2.4597

5.85GHz 1.8882

4. Radiation Pattern



NFCAntenna data	
Label	Read distance (mm)
卡1	40
卡2	35
卡3	28