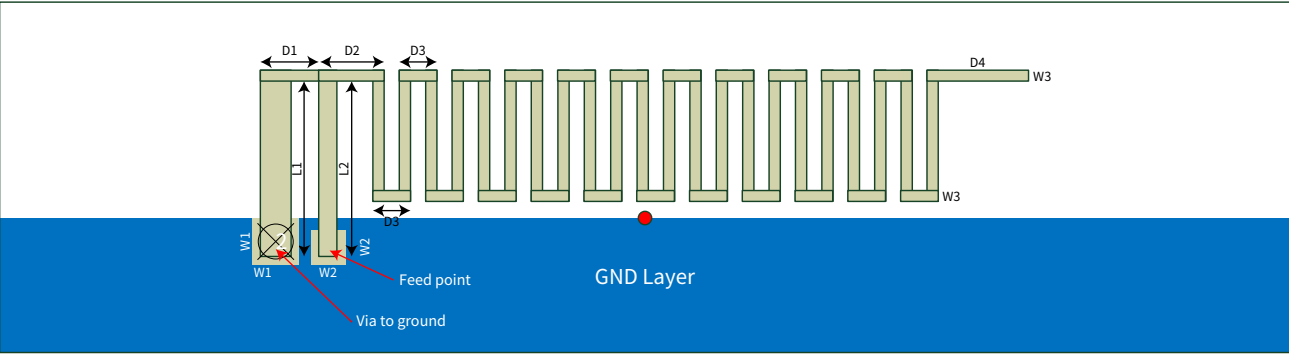




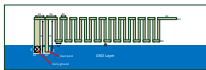
FIFA C-type antenna

FIFA C-type The structure and size of the antenna are shown in the following figure



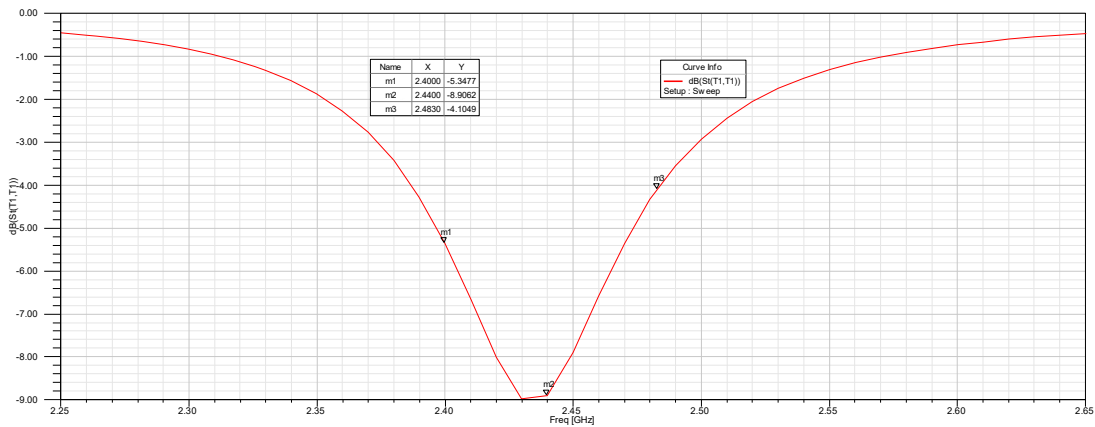
Symbol	Dimension
W1	0.40mm
W2	0.25mm
W3	0.15mm
D1	0.75mm
D2	0.85mm
D3	0.49mm
D4	1.31mm
L1	1.89mm
L2	1.50mm
H	0.60mm

1-1 PIFA C Type Antenna structure dimension diagram

Antenna name	Structure	Structure HxW (mm ²)	simulation result (3D gain max)	simulation result (S11 maximum value)
PIFA C Type		9.9mmx2.55mm 25.2mm ²	-1.6dBi	-5.3dBi

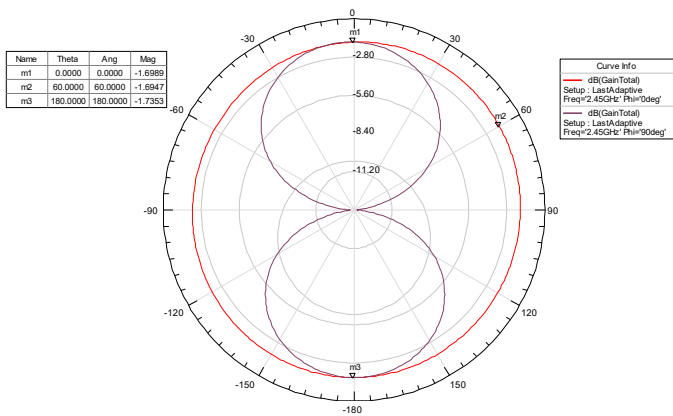
The simulation results are as follows:

(1) S11 parameter



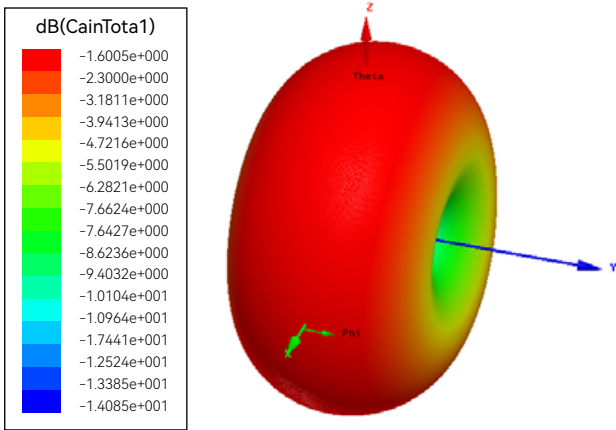
1-2 PIFA C Type antenna S11 Parameter diagram

(2) 2D gain chart



1-3 PIFA C Type antenna 2D gain chart

(2) 3D gain chart



1-4 PIFA C Type antenna 3D gain chart