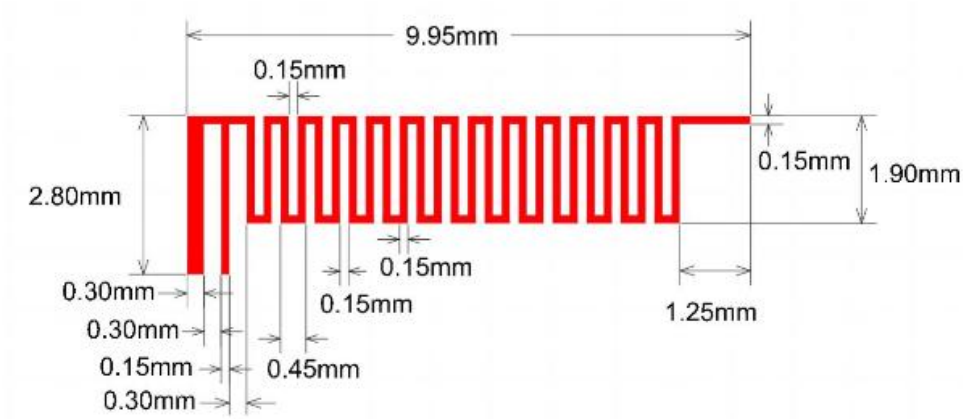


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On-Board Antenna Specification

1.Detailed Dimension Specifications of the On-Board Antenna:

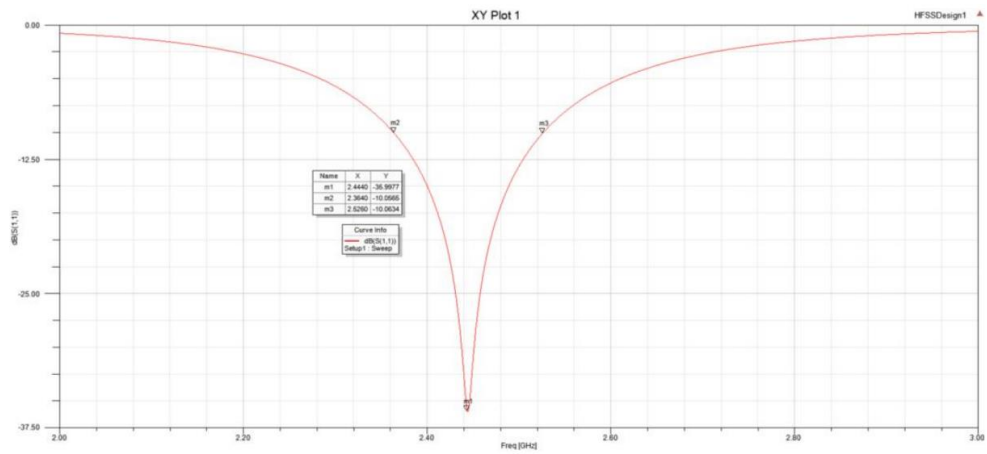


2.Features

- small size: 2.8×9.95mm
- 50 - ohm impedance
- Maximum gain: 2.08dBi
- Operates in the 2.4GHz frequency band

3.Antenna S - Parameters

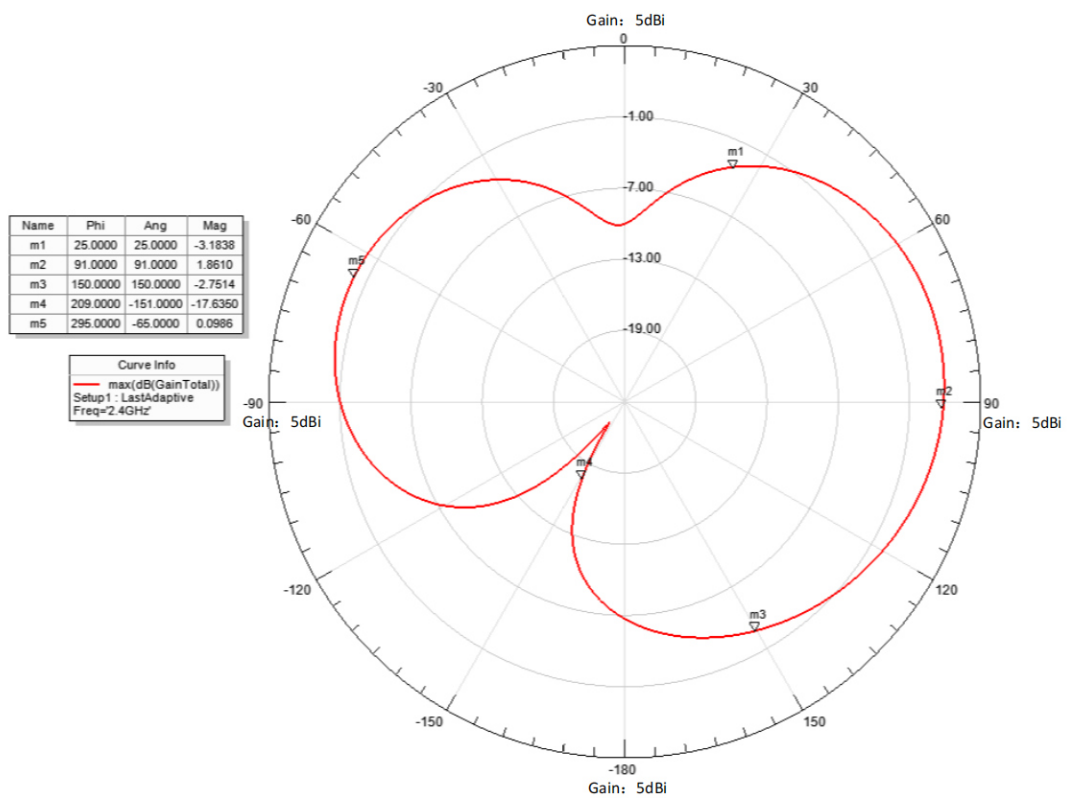
- 10dB operating bandwidth: 156MHz
- S11 at the central frequency band: - 36dB at 2.44GHz



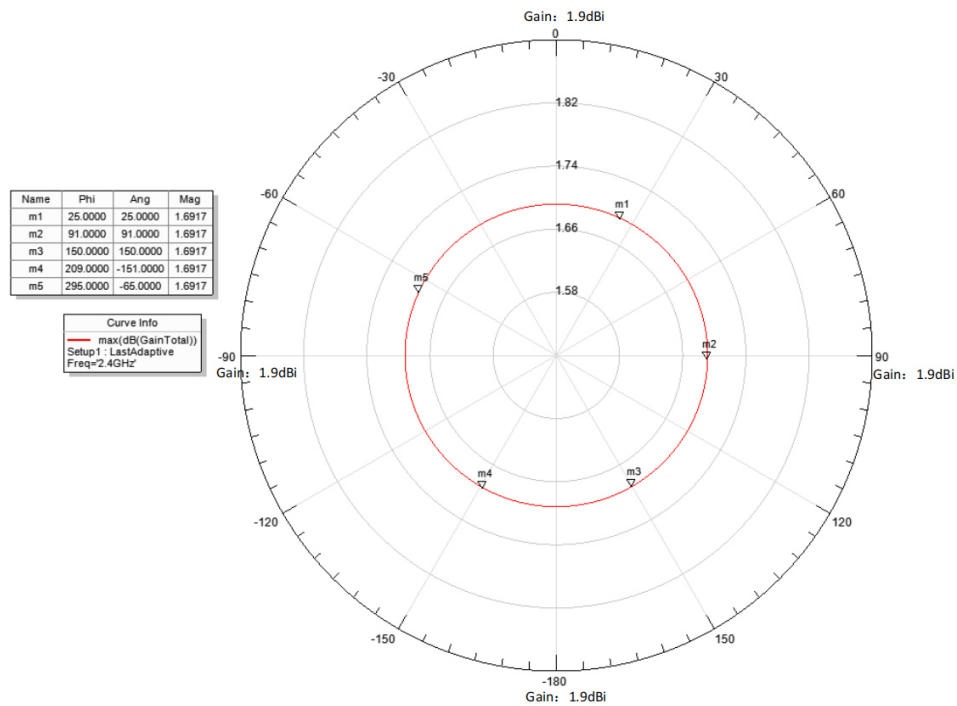
4. Antenna Gain

At 2.4GHz: maximum gain 1.86dBi

E - plane: Gain 5dBi

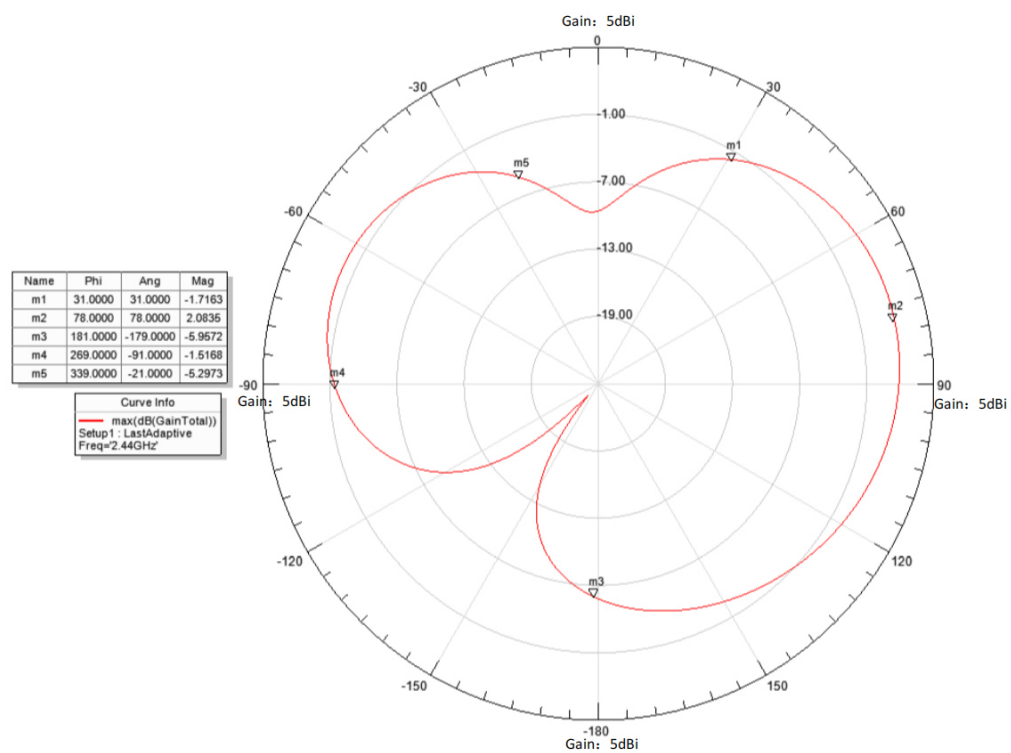


H - plane: Gain 1.9dBi

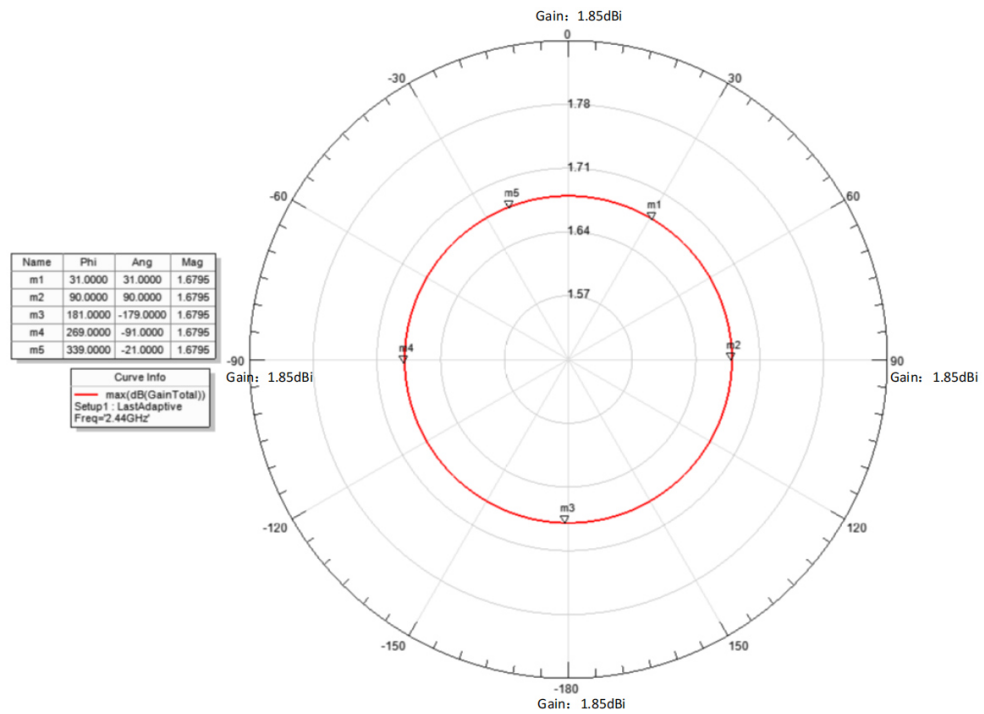


At 2.44GHz: maximum gain 2.08dBi

E - plane: Gain 5dBi

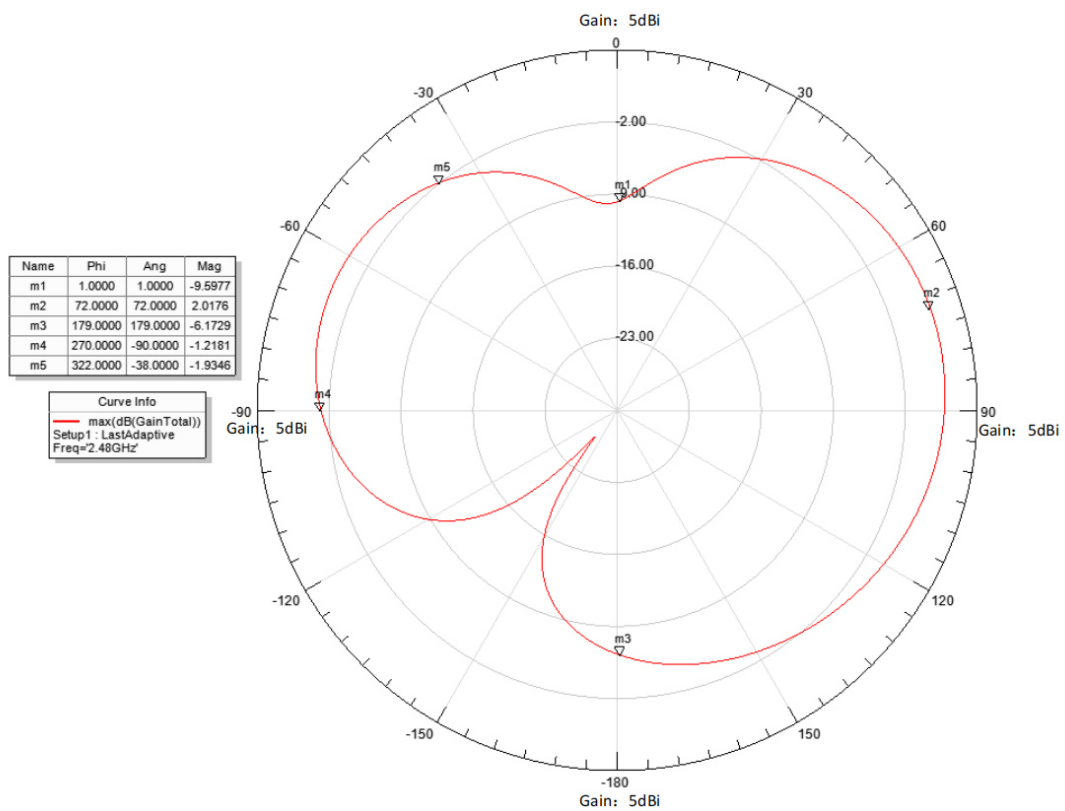


H - plane: Gain 1.85dBi



At 2.48GHz: maximum gain 2.02dBi

E - plane: Gain 5dBi



H - plane: Gain 1.95dBi

Name	Phi	Ang	Mag
m1	1.0000	1.0000	1.7403
m2	90.0000	90.0000	1.7403
m3	179.0000	179.0000	1.7403
m4	270.0000	-90.0000	1.7403
m5	322.0000	-38.0000	1.7403

Curve Info
 max(dB(GainTotal))
 Setup1 : LastAdaptive
 Freq='2.48GHz'

