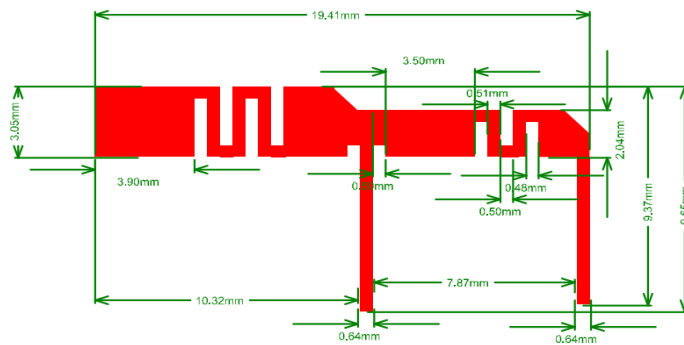


# Onboard antenna specification document

## 1. Detailed dimensions of onboard antenna:



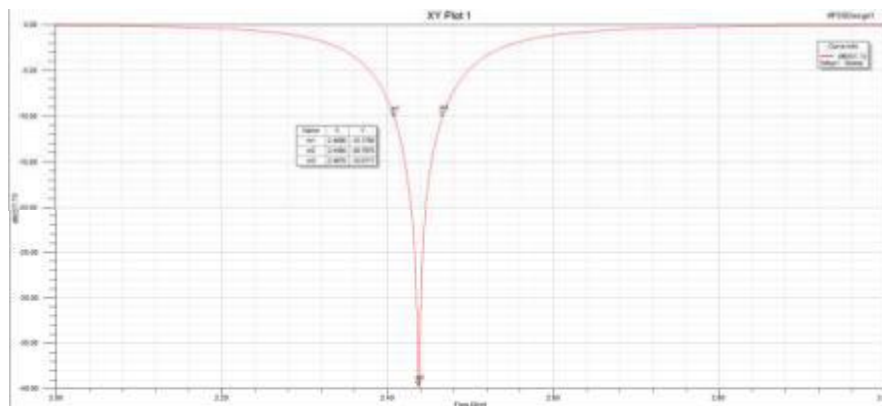
## 2. Features

- Ultra-small size: 3.05\*19.41 mm
- 50 ohm impedance
- Maximum gain: 1.3 dBi
- Working in the 2.4 GHz frequency band

## 3. The antenna S parameters

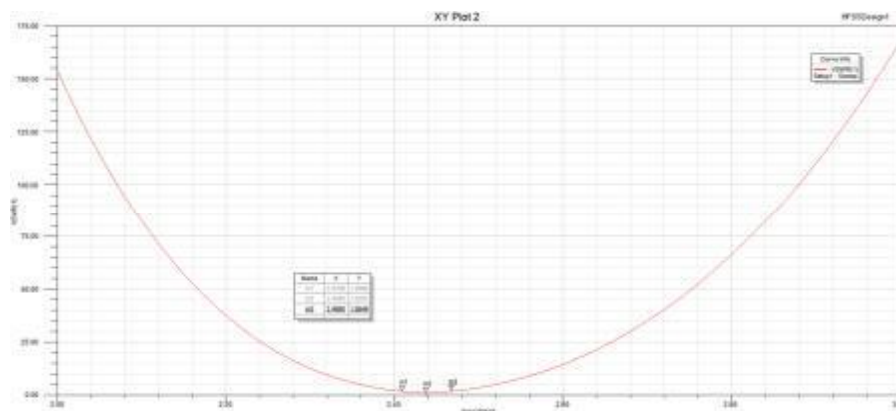
10 dB working bandwidth: 58 MHz

Central frequency band S11: -39.8 dB @ 2.438 GHz

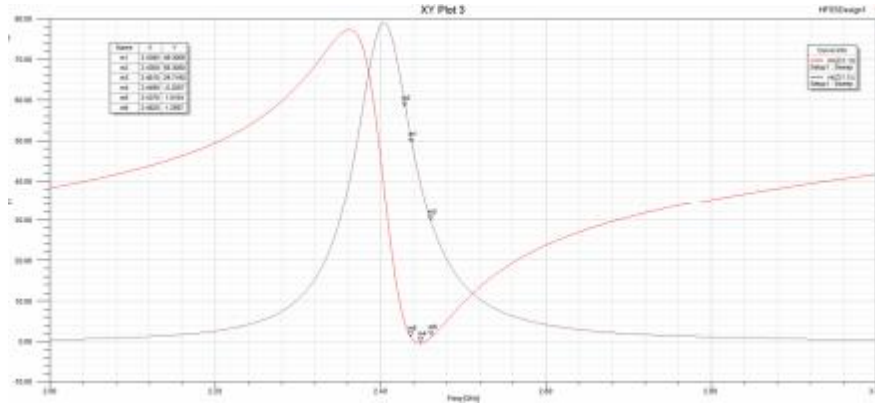


## 4. The antenna impedance and VSWR

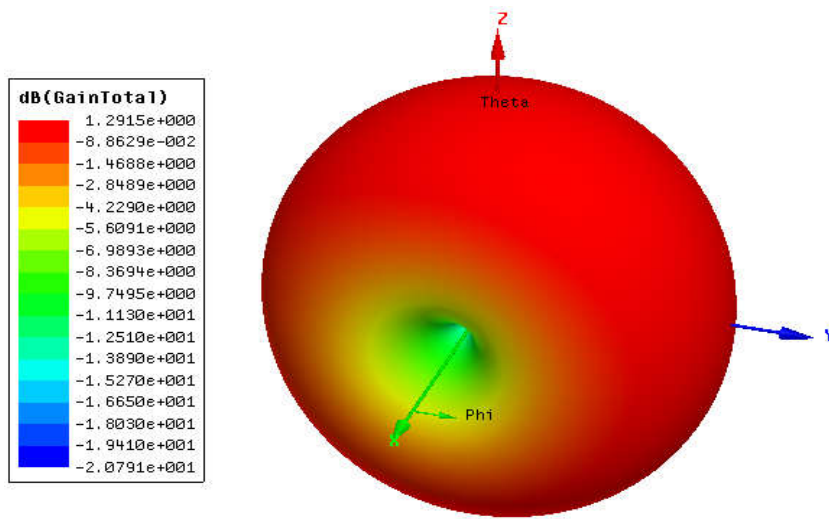
Central frequency point VSWR: 1.02 @ 2.438 GHz



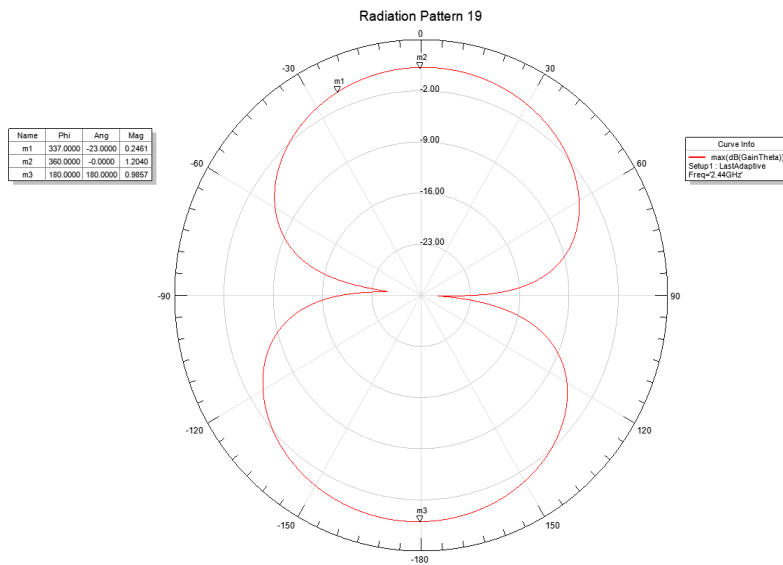
Central frequency point impedance: 50 ohm @ 2.438 GHz



5. Antennagain  
 Maximaldirectionalgain: 1.29dBi



E face:



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