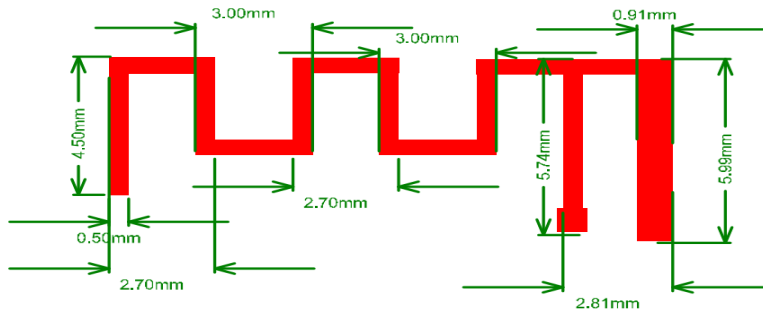


Onboard antenna specifications document

1. Detailed dimensions of the onboard antenna:



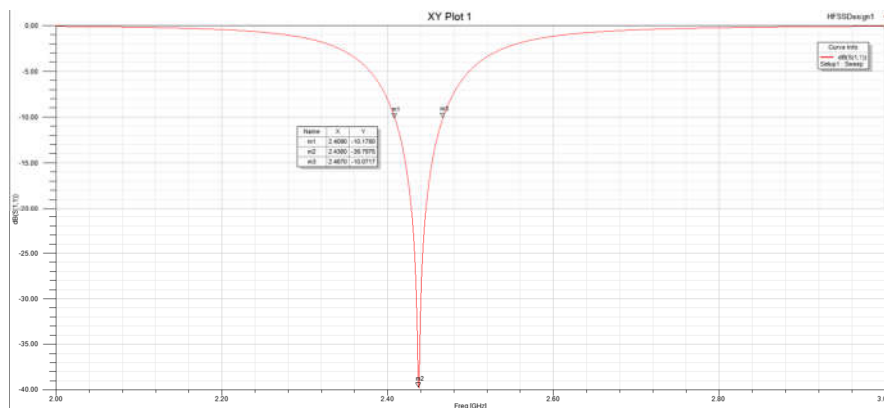
2. Features

- Dimensions: 14.43mm*5.99mm
- 50 ohm impedance
- Maximum gain: 1.29 dBi
- Working in the 2.4GHz frequency band

3. the antenna S parameters

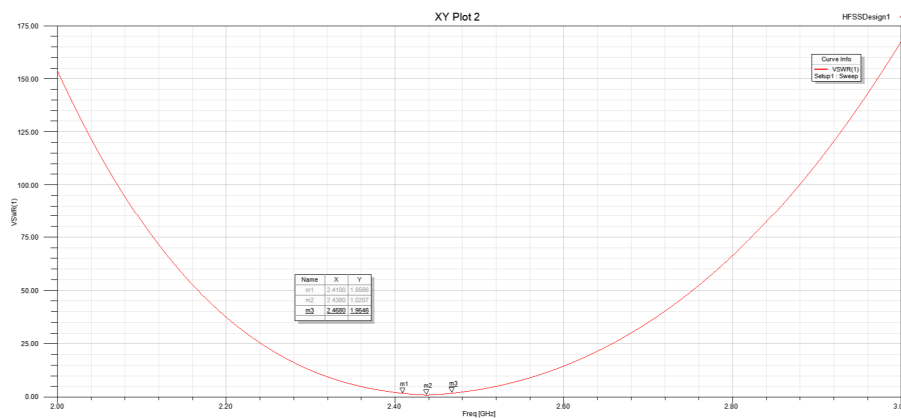
10dB working bandwidth: 58MHz

Central frequency band S11: -39.8dB@2.438GHz

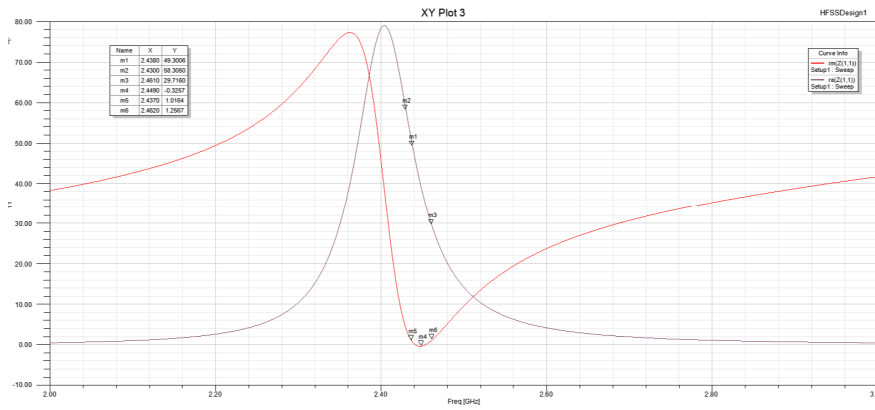


4. the antenna impedance and VSWR

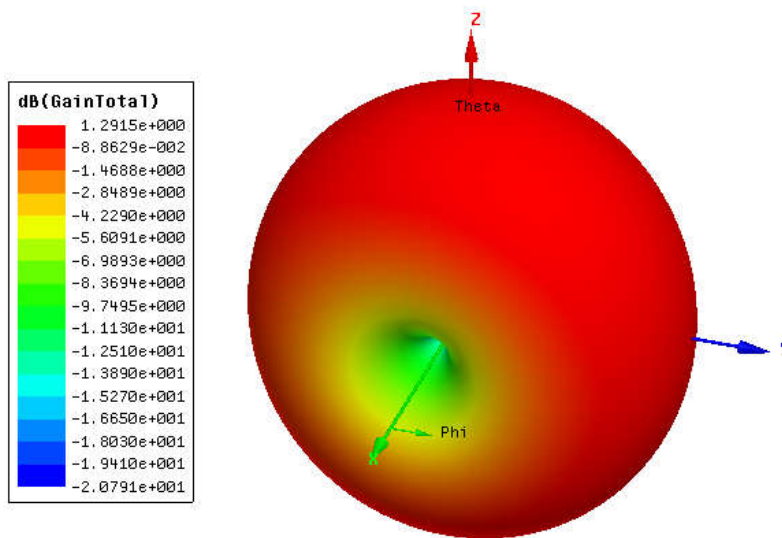
Central frequency point VSWR : 1.02@2.438GHz



Central frequency point impedance: 50ohm @2.438GHz



5. Antenna gain
Maximal directional gain: 1.29dBi



E face:

