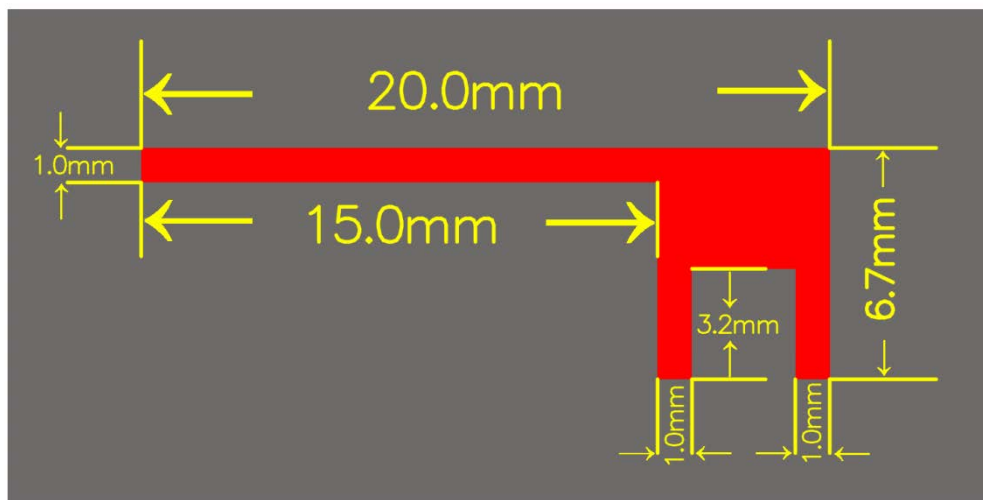


2.4G-i5

2.4G Onboard Antenna Specification



一、 DESCRIPTION

The 2.4G-i5 onboard antenna is a dedicated antenna designed for 2.4GHz wireless communication systems. The antenna has stable performance, high cost-effectiveness, and excellent anti vibration and aging capabilities.

二、 Performance Parameter

Center Frequency: 2441MHz

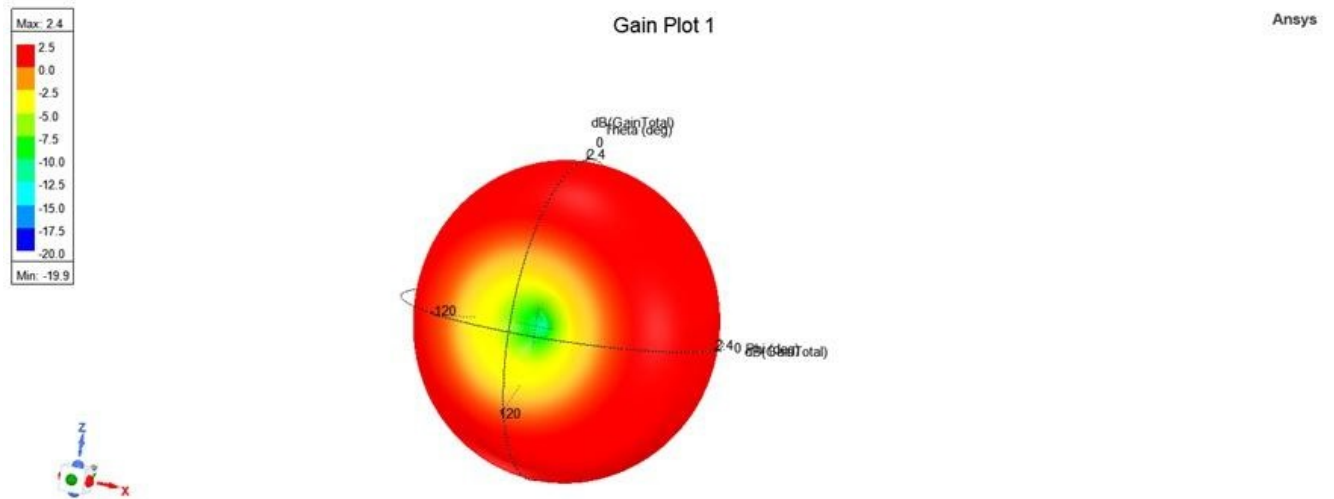
□ Standing-wave Ratio: ≤ 2.2

Gain: 2.4 DBI

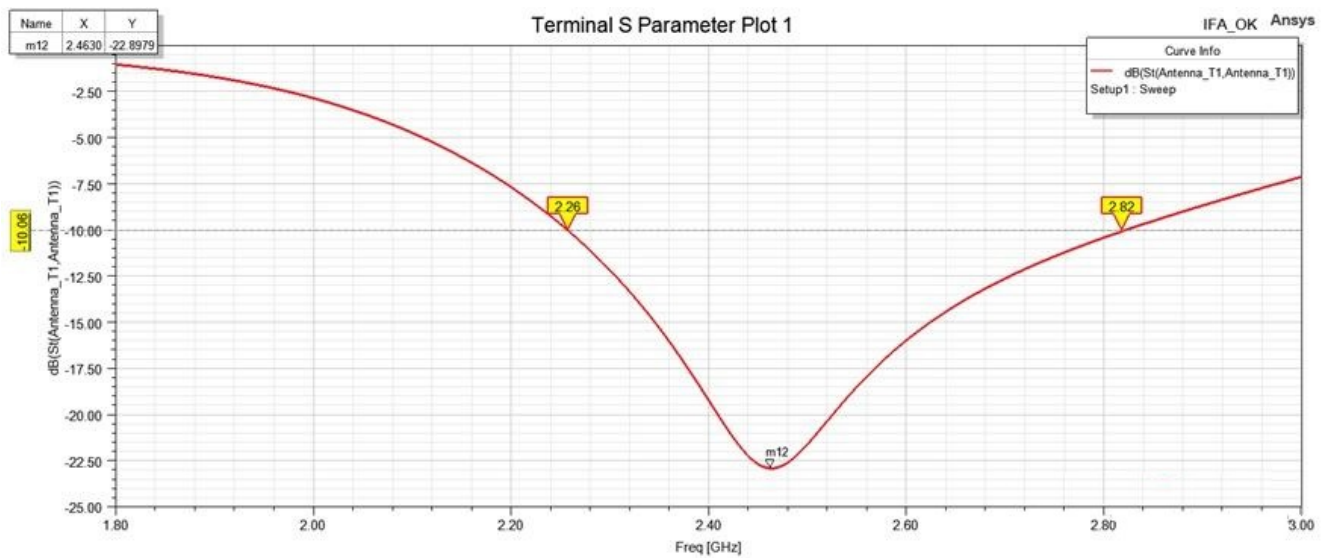
□ Impedance: 50 Ω

Interface form: onboard

Gain: 2.4db

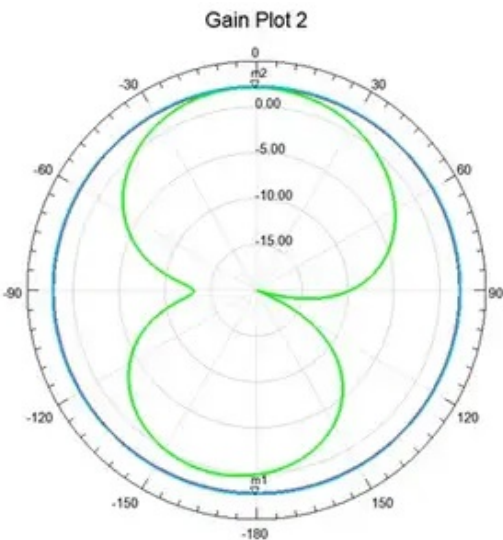


BW : 560MHz



XOY Directional pattern

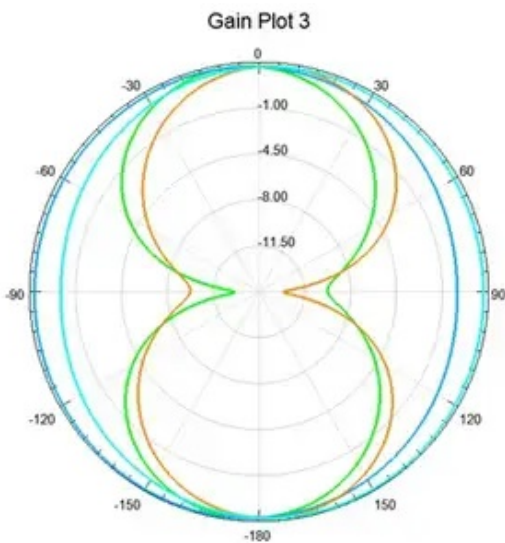
Name	Phi	Ang	Mag
m1	180.0000	180.0000	2.2286
m2	360.0000	0.0000	2.1249



IFA_OK Ansys	
Curve Info	
dB(GainTotal)	Setup1 : LastAdaptive
Freq="2.44GHz" Theta="0deg"	
dB(GainTotal)	Setup1 : LastAdaptive
Freq="2.44GHz" Theta="90deg"	
dB(GainTotal)	Setup1 : LastAdaptive
Freq="2.44GHz" Theta="180deg"	

Name	Delta(Phi)	Delta(Ang)	Delta(Mag)
d(m1,m2)	180.0000	-180.0000	-0.1037

YOZ Directional pattern



IFA_OK Ansys	
Curve Info	
dB(GainTotal)	Setup1 : LastAdaptive
Freq="2.44GHz" Phi="0deg"	
dB(GainTotal)	Setup1 : LastAdaptive
Freq="2.44GHz" Phi="90deg"	
dB(GainTotal)	Setup1 : LastAdaptive
Freq="2.44GHz" Phi="180deg"	
dB(GainTotal)	Setup1 : LastAdaptive
Freq="2.44GHz" Phi="270deg"	
dB(GainTotal)	Setup1 : LastAdaptive
Freq="2.44GHz" Phi="360deg"	