

G605T Print antenna specification sheet

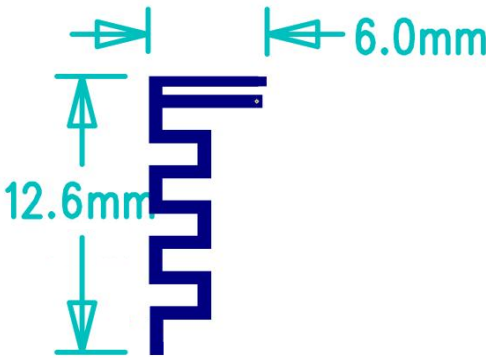
一、 Design indicators:

Bandwidth	2.412~2.482GHz
Antenna radiation efficiency (excluding port loss)	>60%
Gain G	1.5dBI
Insulation	<-10dB

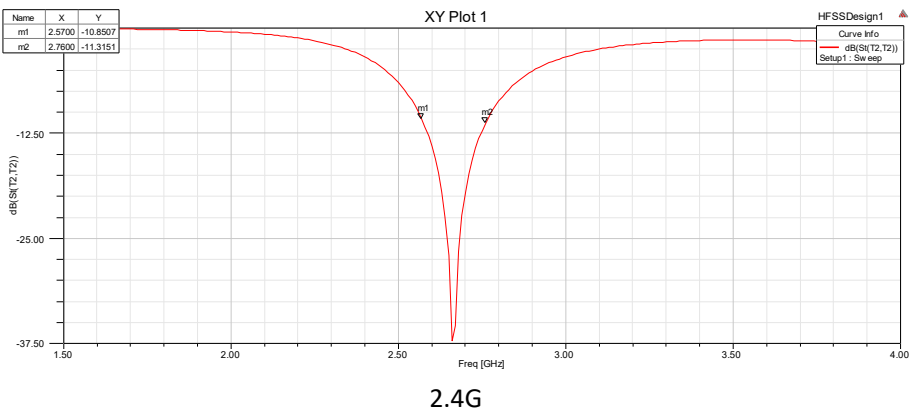
二、 Antenna design specifications

1. Considering the product environment and design limitations, an approximately omnidirectional planar IFA antenna is adopted. The simulation is carried out based on HFSS.

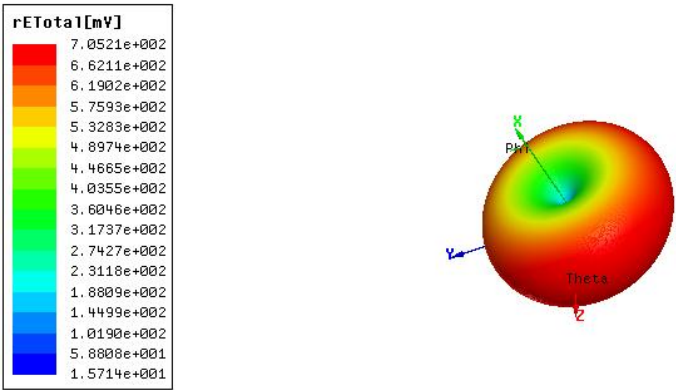
Design specification



2. S parameter



3. Radiation pattern



2.4G

4. Radiation parameters

Antenna Parameters:			
	Quantity	Freq	Value
	Max U	2.4GHz	0.00065957 W/sr
	Peak Directivity		1.6417
	Peak Gain		1.5012
	Peak Realized Gain		0.82886
	Radiated Power		0.0050487 W
	Accepted Power		0.0055214 W
	Incident Power		0.01 W
	Radiation Efficiency		0.91439
	Front to Back Ratio		1.0304
	Decay Factor		0

2.4G

三、Sample testing

After the sample, the passive test is carried out based on the network division. The test results are as follows:

