

G605T Print antenna specification sheet

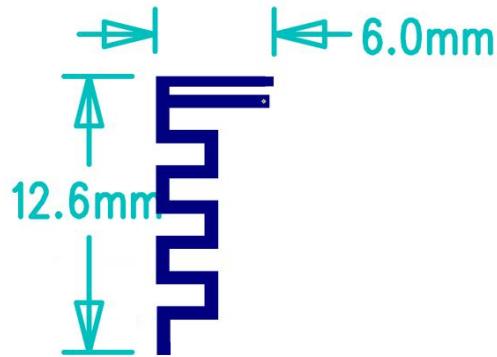
一、Design indicators:

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

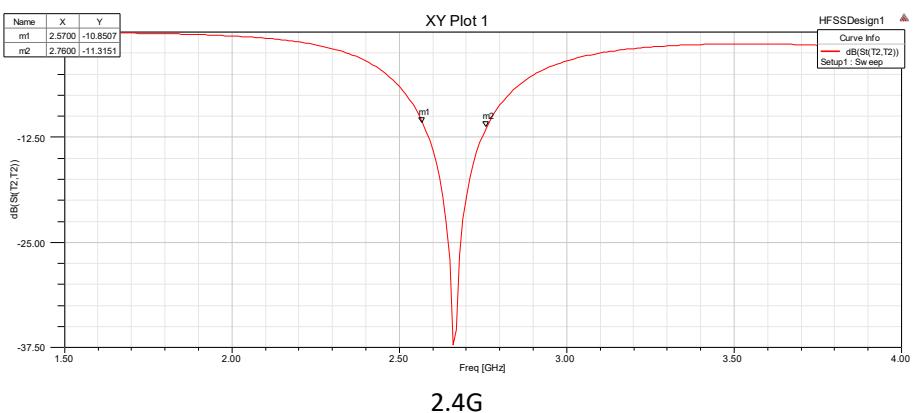
二、Antenna design specifications

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

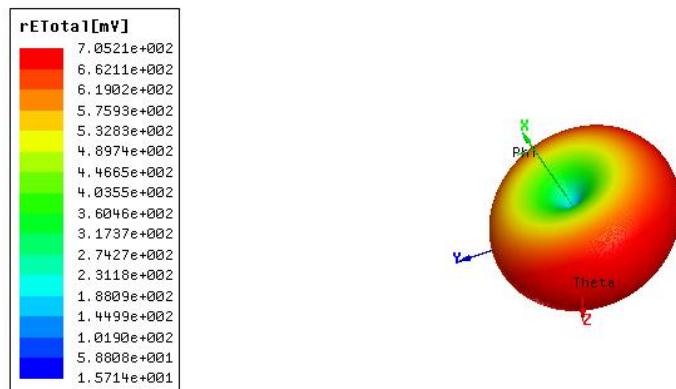
Design specification



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:

