

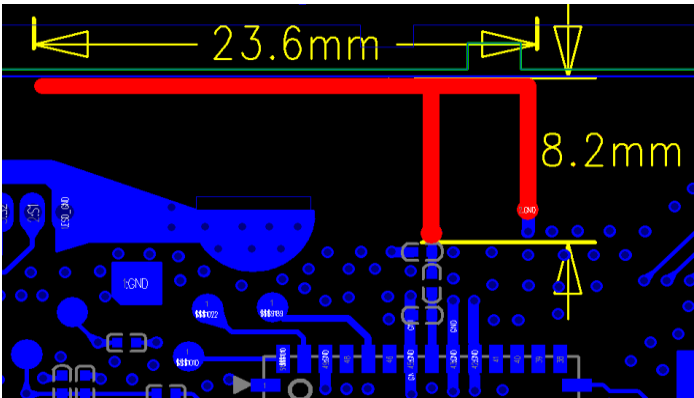
Antenna describe

1. Antenna describe:

Antenna plate	Integral PCB antenna
Make name/model name	HA1029A
Antenna max gain	1.06dBi
Frequency range	2.4GHZ-2.48GHZ
Connector type	direct
Manufacturer name & Address	Name:-Huizhou"ForyouGeneralElectronics°Co.,Ltd.. Address: No.2 District A, Foryou-Industry Park, No.1 North Shangxia Road,Dongjiang·Hi-tech Industry Park,-516005-Huizhou city,·Guangdong Province, China(PROC)
Location of mearement(company name)	Huizhou Foryou General Electronics Co., Ltd.

2. External view drawing:

Picture of antenna



3. Antenna Radiation Pattern

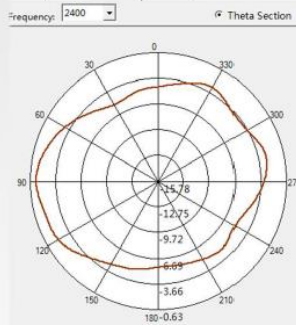
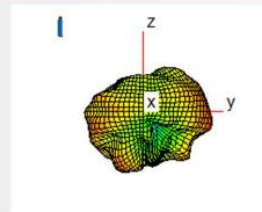
Gain and Efficiency

Frequency (MHz)	Efficiency (%)	Gain (dBi)
2400	33.53	-0.79
2410	34.84	-0.71
2420	34.94	-0.82
2430	37.67	-0.47
2440	39.99	-0.06
2450	40.95	0.17
2460	45.21	0.73
2470	47.50	0.98
2480	45.64	0.91
2490	45.29	1.06
2500	42.69	0.87

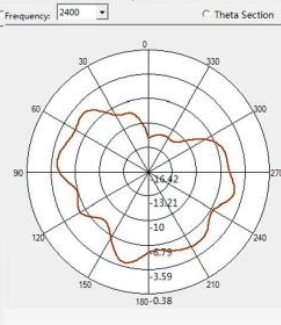
Efficiency & Gain

F型天线无源数据

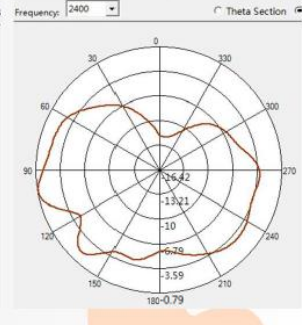
Freq	Gain	Efficiency_Percent
2400	-0.79	33.53
2410	-0.71	34.84
2420	-0.82	34.94
2430	-0.47	37.67
2440	-0.06	39.99
2450	0.17	40.95
2460	0.73	45.21
2470	0.98	47.50
2480	0.91	45.64
2490	1.06	45.29
2500	0.87	42.69



X-Y



Y-Z



X-Z

SWR

F型天线

