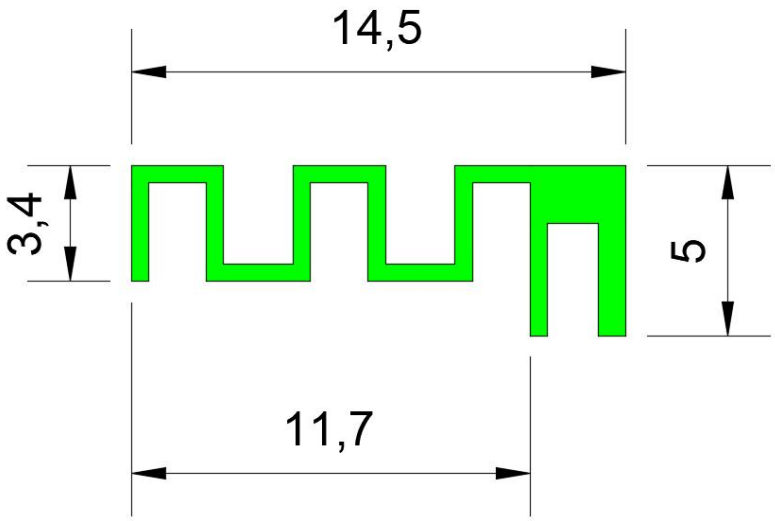
WiFi Antenna specification

Summary

ITEM	ANT SPEC								
Model Name	2.4G ANT								
Center Frequency	XY-Plane			XZ-Plane			YZ-Plane		
	2400 MHz	2450 MHz	2500 MHz	2400 MHz	2450 MHz	2500 MHz	2400 MHz	2450 MHz	2500 MHz
	-2.74	-1.94	-1.18	3.92	3.75	3.65	-1.63	-1.08	-0.36
MAX.Gain	3.92								
Polarization	XY-Plane and XZ-Plane and YZ-Plane								
Azimuth Beam Pattern	Omni-directional								
Impedance	50 Ohm								
Antenna	34.5 mm								
Manufacture	Shanghai Hansa Intelligent Technology Co., Ltd.								

Antenna Photo & Length (mm)

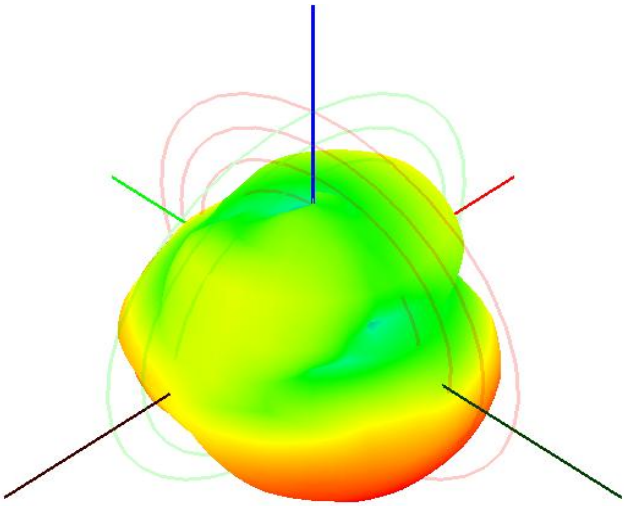


Center Frequency：2400 MHz

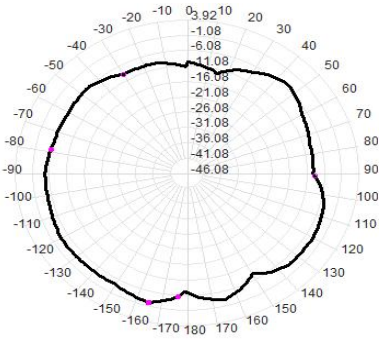
Power (dBm)

Max：0　Min：−40　Scale：5/div

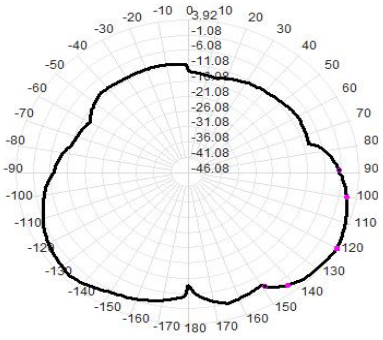
3D radiation pattern diagram



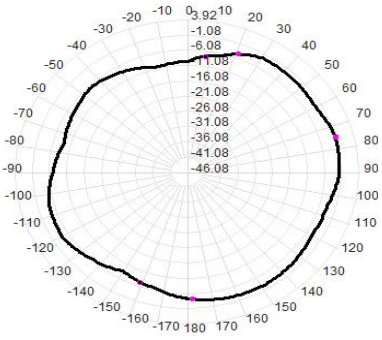
XY−Plane



XZ−Plane



YZ−Plane



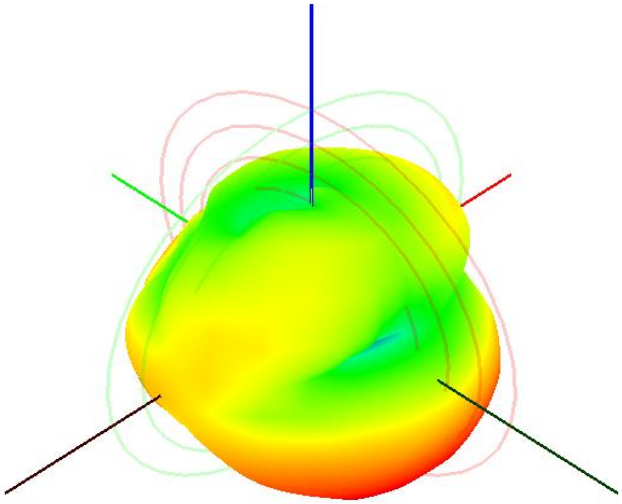
Polarization	Gain (dBi)		
	Max	Min	Avg
XY−Plane	−2.74	−13.15	−6.12
XZ−Plane	3.92	−13.98	−5.92
YZ−Plane	−1.63	−11.08	−6.26

Center Frequency：2450 MHz

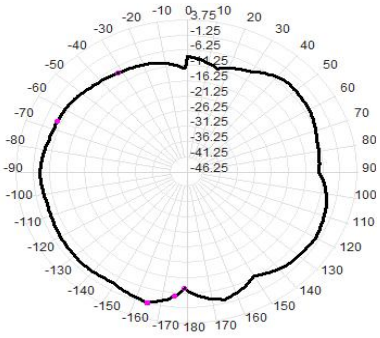
Power (dBm)

Max：0　Min：−40　Scale：5/div

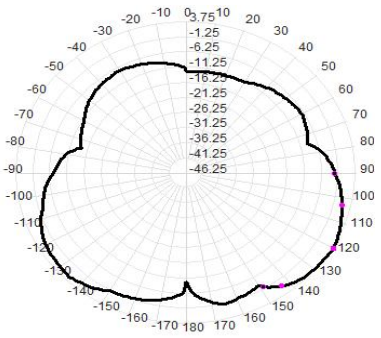
3D radiation pattern diagram



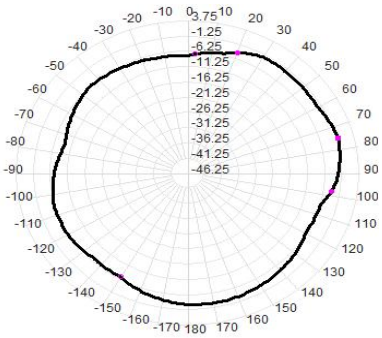
XY−Plane



XZ−Plane



YZ−Plane



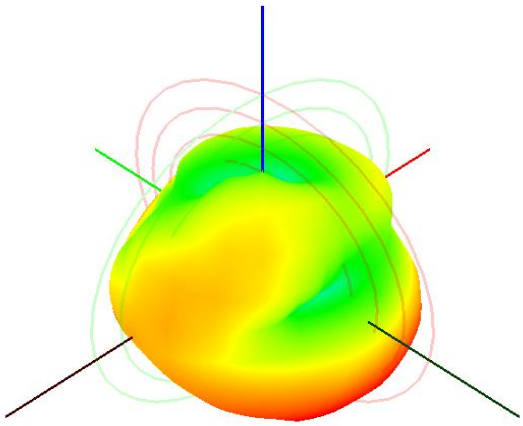
Polarization	Gain (dBi)		
	Max	Min	Avg
XY−Plane	−1.94	−12.13	−6.09
XZ−Plane	3.75	−12.52	−5.97
YZ−Plane	−1.08	−9.36	−5.38

Center Frequency：2500 MHz

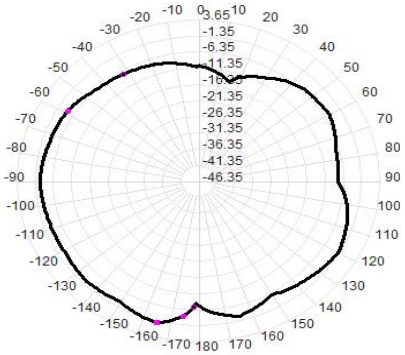
Power (dBm)

Max：0　Min：−40　Scale：5/div

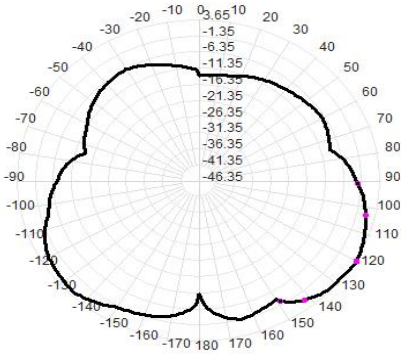
3D radiation pattern diagram



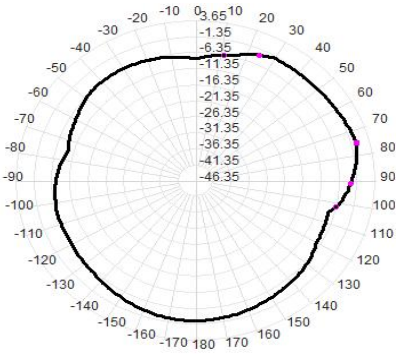
XY−Plane



XZ−Plane



YZ−Plane



Polarization	Gain (dB)		
	Max	Min	Avg
XY−Plane	−1.18	−14.28	−6.22
XZ−Plane	3.65	−13.46	−5.15
YZ−Plane	−0.36	−9.65	−6.29