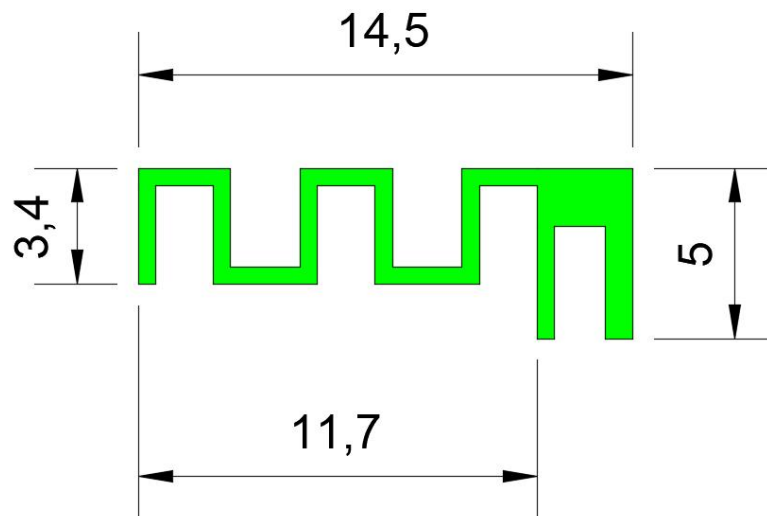


WiFi Antenna specification

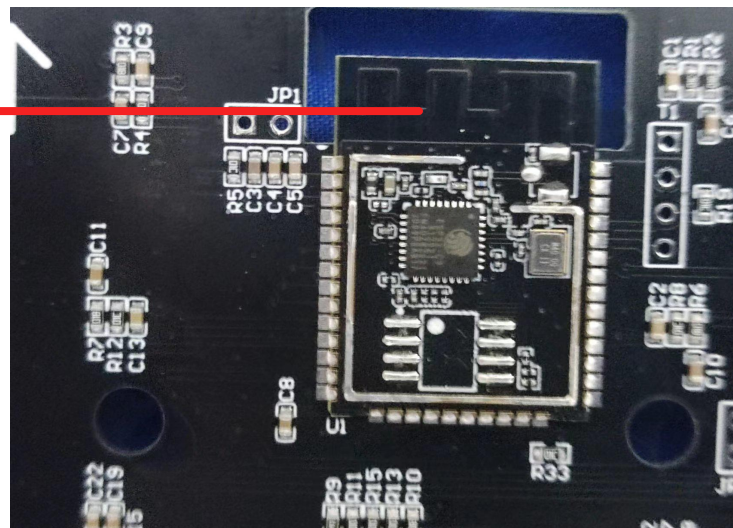
Summary

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
	-2.7 4	-1.9 4	-1.1 8	3.92	3.75	3.65	-1.6 3	-1.0 8	-0.3 6
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)



PCB ANT

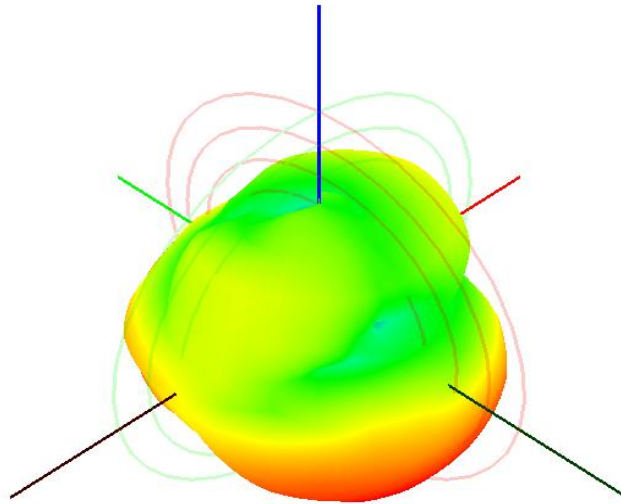


Center Frequency: 2400 MHz

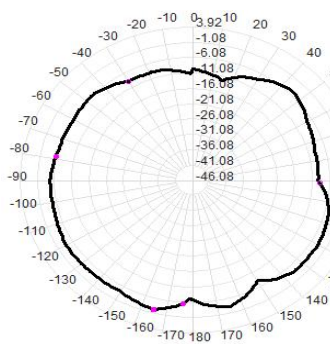
Power (dBm)

Max: 0 Min: -40 Scale: 5/div

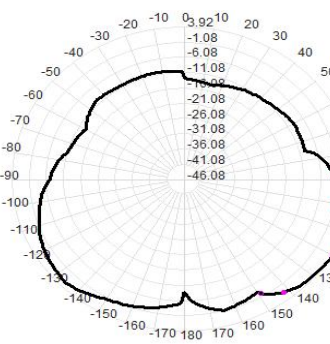
3D radiation pattern diagram



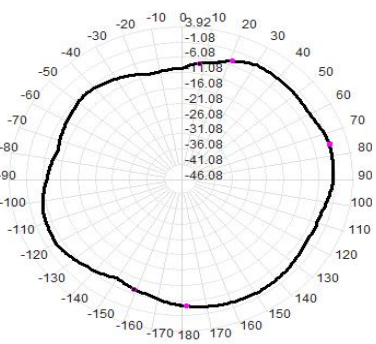
XY-Plane



XZ-Plane



YZ-Plane



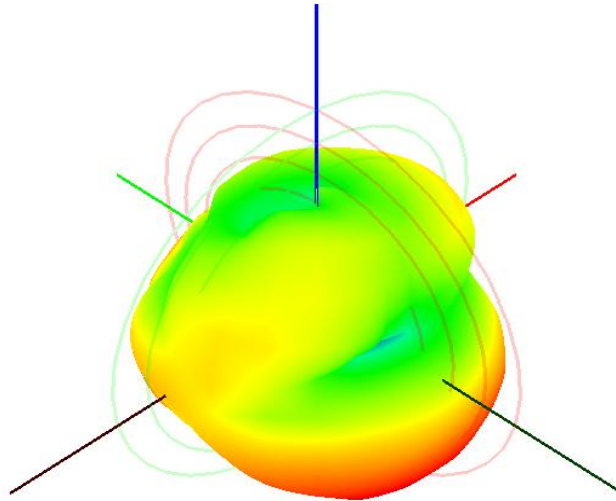
Polarization	Gain (dB)		
	Max	Min	Avg
XY-Plane	-2.74	-13.15	-6.12
XZ-Plane	3.92	-13.98	-5.92
YZ-Plane	-1.63	-11.08	-6.26

Center Frequency: 2450 MHz

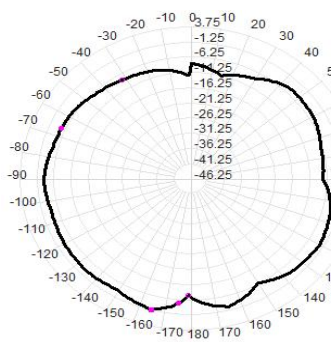
Power (dBm)

Max: 0 Min: -40 Scale: 5/div

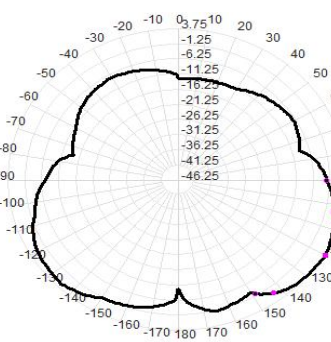
3D radiation pattern diagram



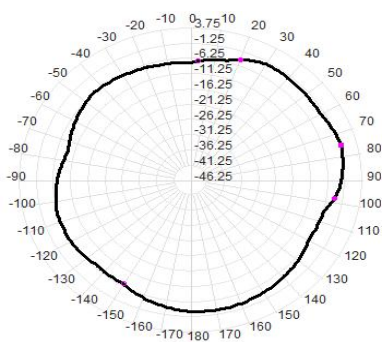
XY-Plane



XZ-Plane



YZ-Plane



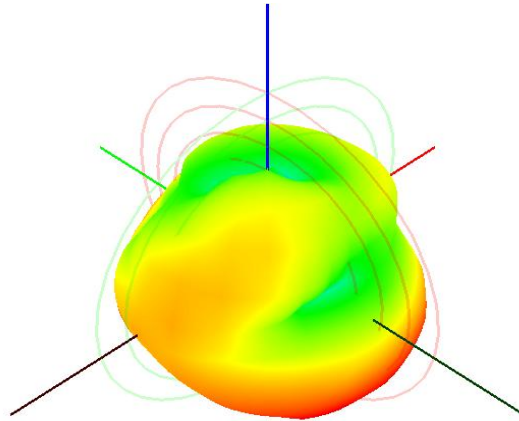
Polarization	Gain (dB)		
	Max	Min	Avg
XY-Plane	-1.94	-12.13	-6.09
XZ-Plane	3.75	-12.52	-5.97
YZ-Plane	-1.08	-9.36	-5.38

Center Frequency: 2500 MHz

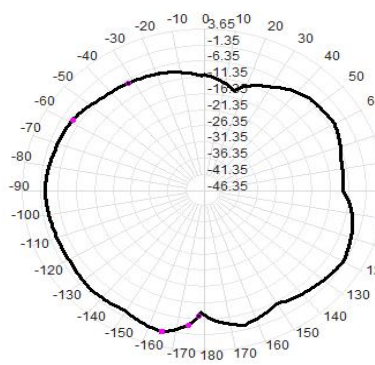
Power (dBm)

Max: 0 Min: -40 Scale: 5/div

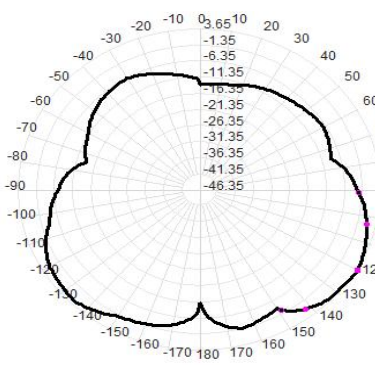
3D radiation pattern diagram



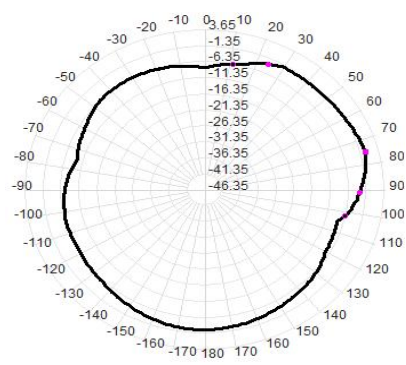
XY-Plane



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

ANT Test Labs: