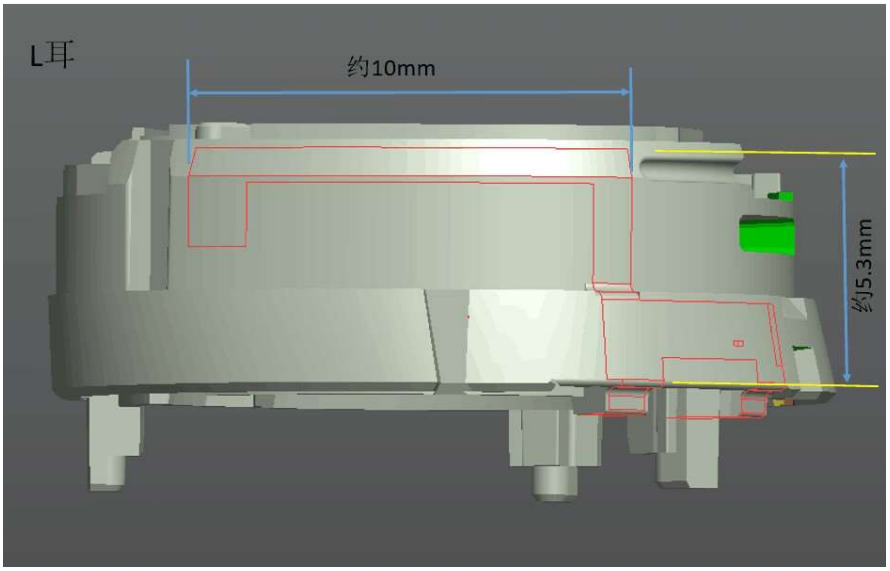
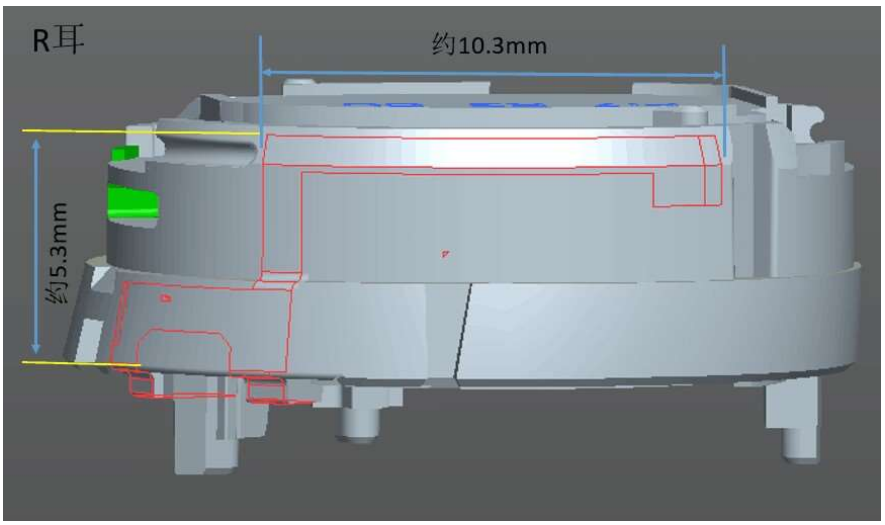
1. Antenna Description:

Antenna type	LDS
Model	BHC365
Frequency range	2400-2500MHz
Manufacturer	Shenzhen Cicent Communication Technology Co., Ltd.
Laboratory	Shenzhen Cicent Communication Technology Co., Ltd.
Address	505-506 ,ABlock,Donglian Building,Chuangye 2 road,Baoan District,Shenzhen,Guangdong,P.R china
ANT Peak Gain	L= -10.1dBi R= -10.7dBi
Antenna Description	Omnidirectional Antenna

2. Antenna Photo:





3. Test Equipment & Conditions

3.1 Test instrument

VSWR is tested using Agilent E5071C connected to a hand mechanism, and the status is free space.

3.2 Test environment and methods

SCDMA test equipment: CMW500
LTE-TDD/FDD-SCDMA test equipment: CMW500
WCDMA/GSM/CDMA test equipment: CMW500
Passive efficiency testing equipment: Agilent E5071C

4. Antenna gain

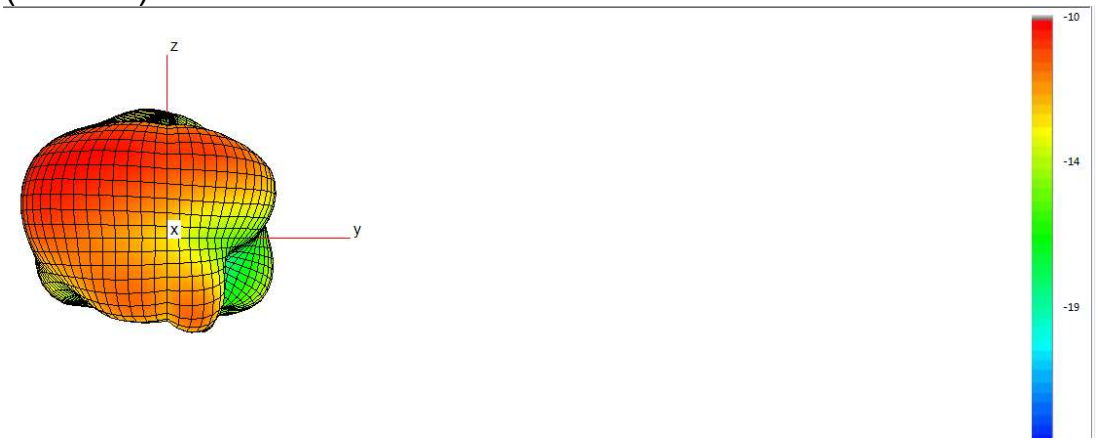
L			
Frequency (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency
2400	-11.3	-14.4	3.65%
2410	-10.9	-14.1	3.89%
2420	-10.6	-13.9	4.12%
2430	-10.5	-13.8	4.18%
2440	-10.5	-13.8	4.16%
2450	-10.3	-13.6	4.36%
2460	-10.4	-13.6	4.35%
2470	-10.1	-13.3	4.73%
2480	-10.1	-13.0	5.04%
2490	-10.5	-13.3	4.72%
2500	-10.6	-13.5	4.46%

R			
Frequency (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency
2400	-11.2	-14.5	3.54%
2410	-11.0	-14.3	3.75%
2420	-11.2	-14.1	3.90%
2430	-11.1	-14.1	3.93%
2440	-11.1	-14.1	3.92%
2450	-11.0	-13.9	4.11%
2460	-11.1	-13.9	4.07%
2470	-10.8	-13.6	4.38%
2480	-10.7	-13.4	4.62%
2490	-10.8	-13.7	4.31%
2500	-11.0	-13.9	4.11%

5．Antenna Radiation Pattern

L

(unit:dBi)

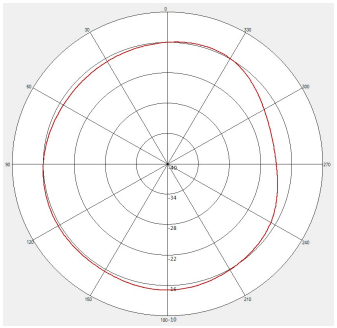


(unit:dBi)

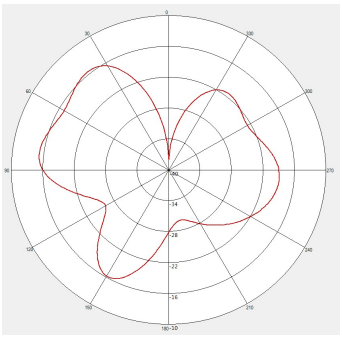
(unit:dBi)

2400MHz

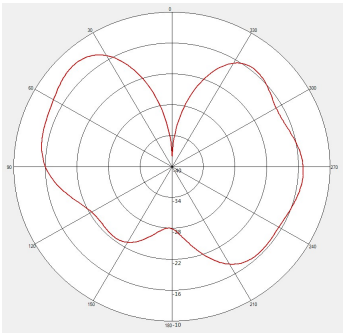
Theta=90°(dBi)



Phi=90°(dBi)

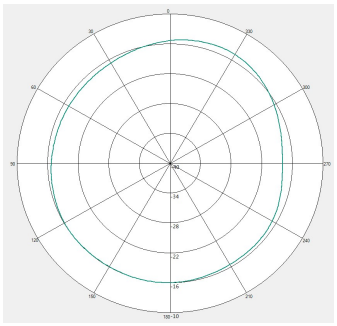


Phi=0°(dBi)

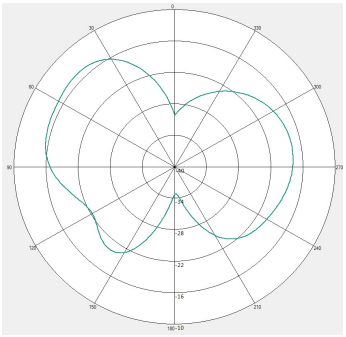


2450MHz

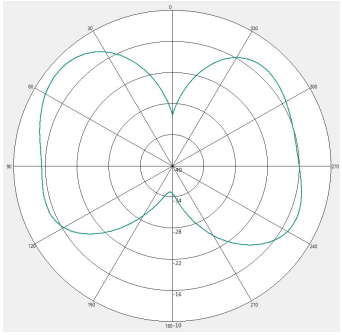
Theta=90°(dBi)



Phi=90°(dBi)

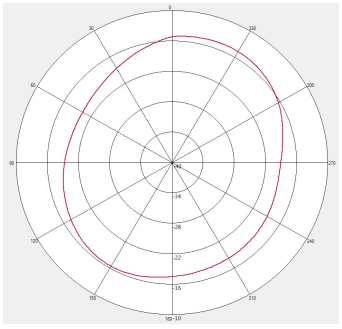


Phi=0°(dBi)

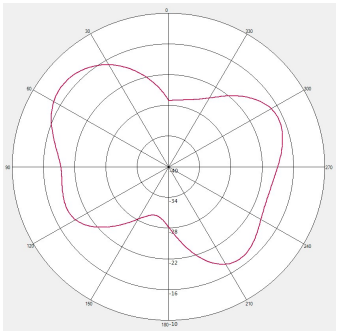


2500MHz

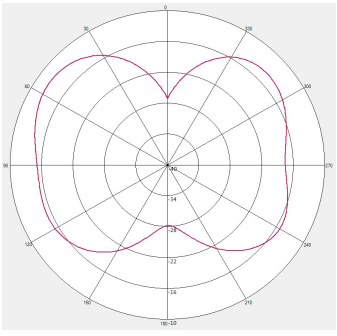
Theta=90°(dBi)



Phi=90°(dBi)

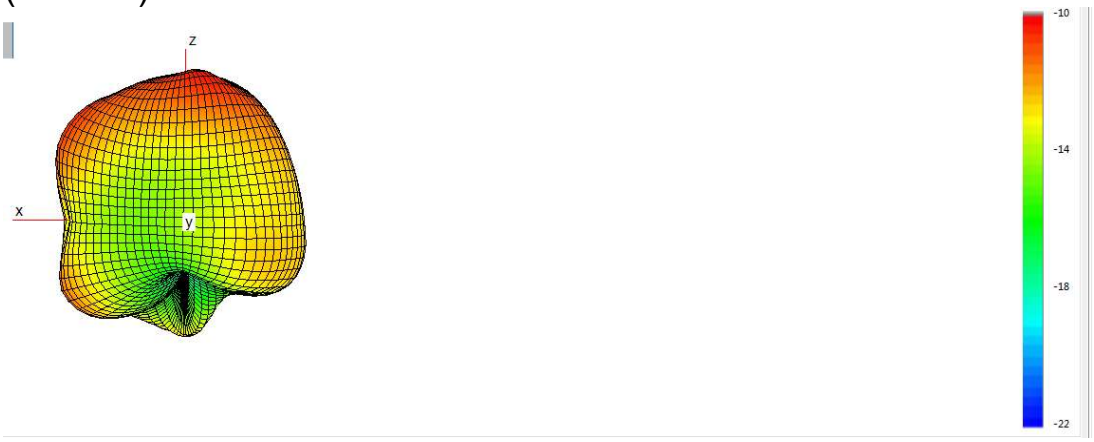


Phi=0°(dBi)

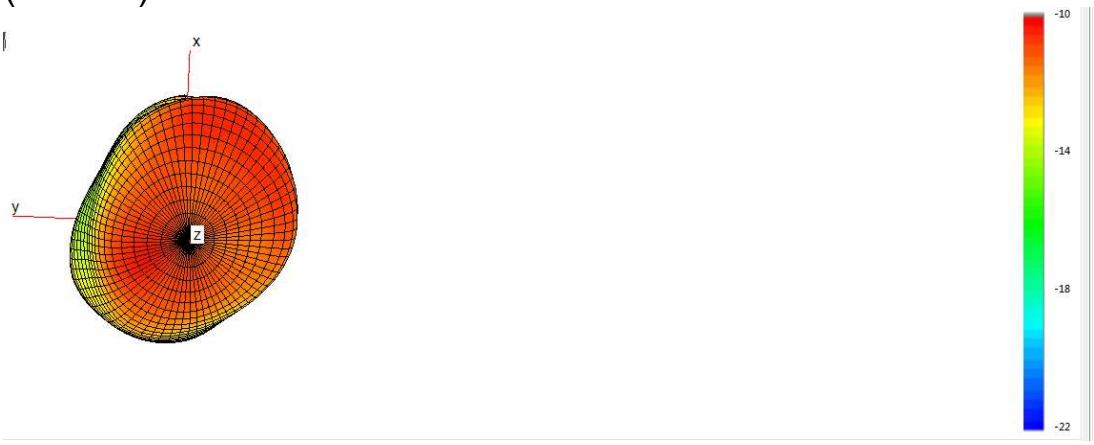


R
(unit:dBi)

(unit:dBi)

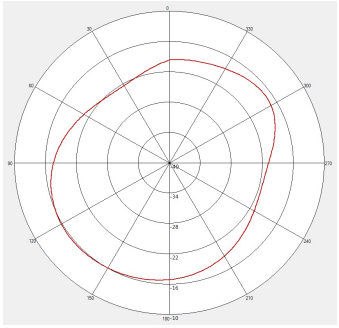


(unit:dBi)

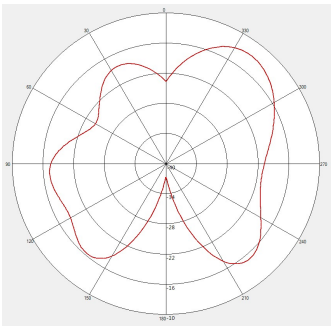


2400MHz

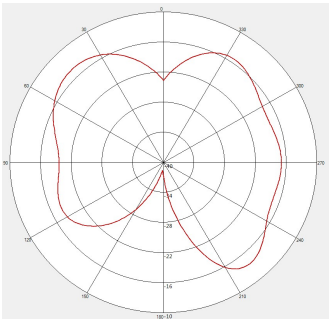
Theta=90°(dBi)



Phi=90°(dBi)

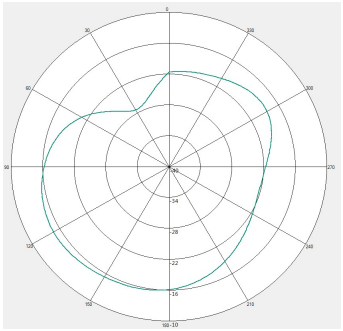


Phi=0°(dBi)

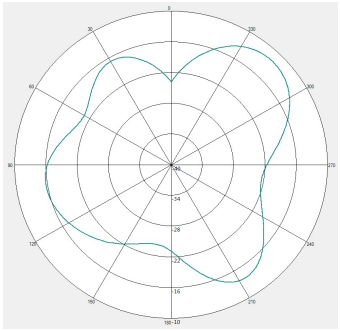


2450MHz

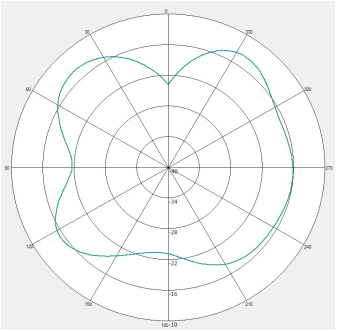
Theta=90°(dBi)



Phi=90°(dBi)

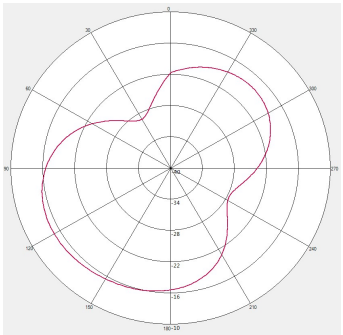


Phi=0°(dBi)

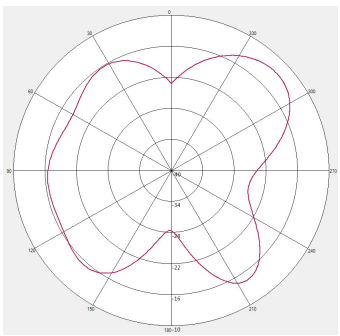


2500MHz

Theta=90°(dBi)



Phi=90°(dBi)



Phi=0°(dBi)