

C1014 antenna test report

Manufacturer : Dongguan Yuaochen Technology Co., Ltd.

Address : 2/F, Leihan Industrial Park, Dalingshan Town,Dongguan

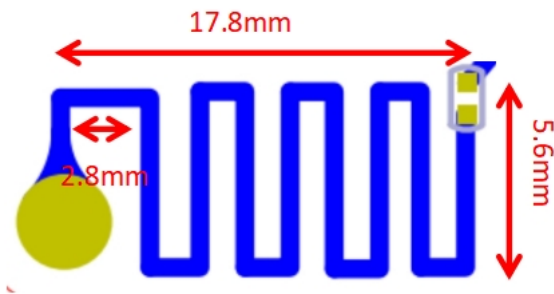
Summary

Model No.: C1014

TYPE : Onboard antenna

2.400 GHz~2.4835 GHz (2.4 GHz ISM Band)

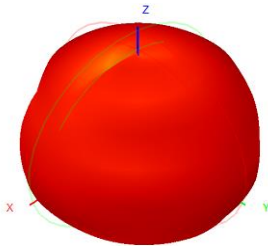
Antenna drawing



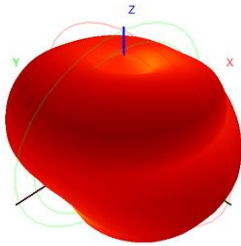
Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-7.45	-4.46	17.98
2410	-7.37	-4.77	18.32
2420	-7.76	-4.46	16.75
2430	-7.89	-4.77	16.27
2440	-8.04	-4.93	15.70
2450	-8.11	-5.07	15.47
2460	-8.35	-5.24	14.62
2470	-8.52	-5.22	14.06
2480	-8.71	-5.22	13.44

3D Pattern

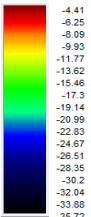
2400.0MHz H+V, Eff: 16.7%



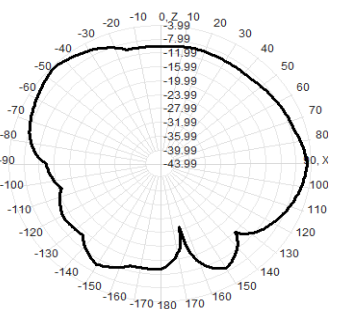
Back View



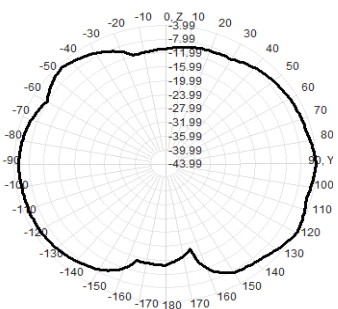
dBi



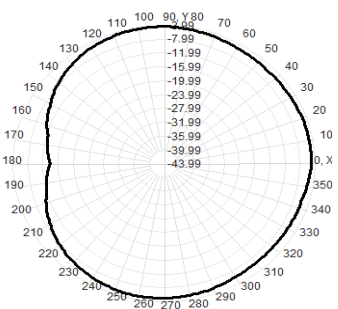
2400.0MHz Total(E1-XZ), Max= -5.02dBi



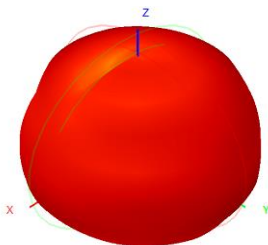
2400.0MHz Total(E2-YZ), Max= -4.46dBi



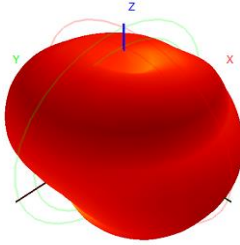
Total(H-XY), Max= -4.68dBi, CirD=9.79



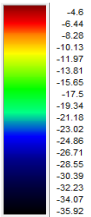
2410.0MHz H+V, Eff: 16.3%



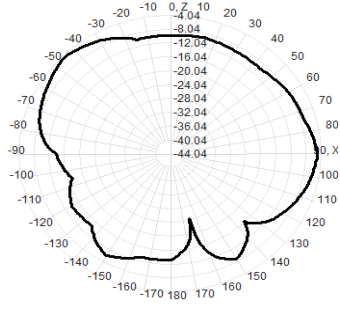
Back View



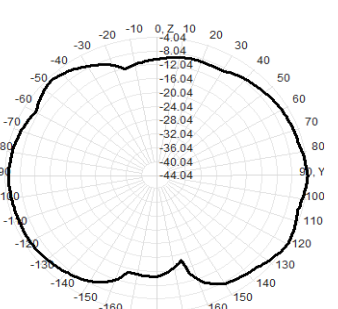
dBi



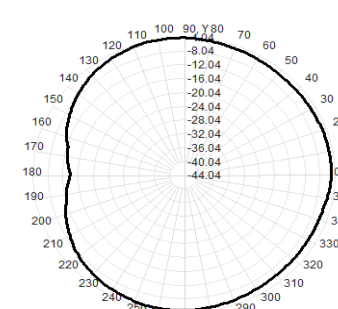
2410.0MHz Total(E1-XZ), Max= -5.20dBi



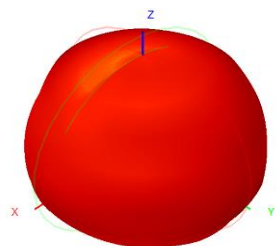
2410.0MHz Total(E2-YZ), Max= -4.77dBi



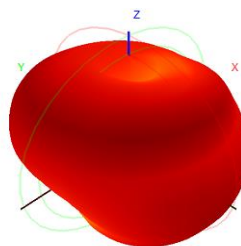
Total(H-XY), Max= -4.86dBi, CirD=9.64



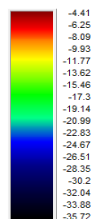
2420.0MHz H+V, Eff: 16.7%



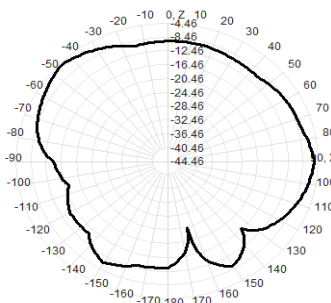
Back View



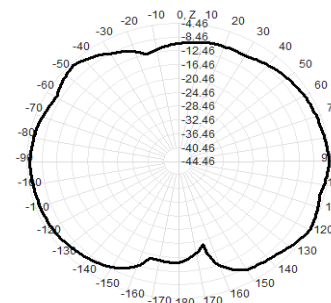
dBi



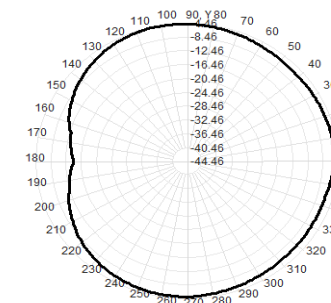
2420.0MHz Total(E1-XZ), Max= -5.02dBi



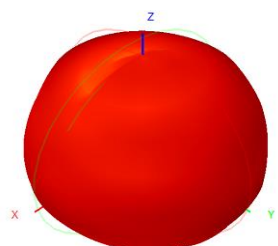
2420.0MHz Total(E2-YZ), Max= -4.46dBi



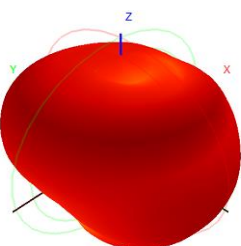
Total(H-XY), Max= -4.68dBi, CirD=9.79



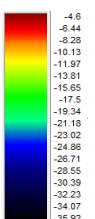
2430.0MHz H+V, Eff: 16.3%



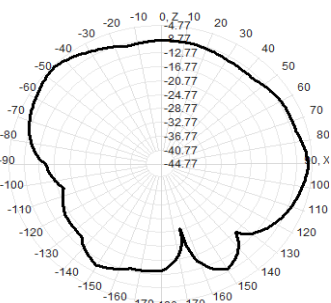
Back View



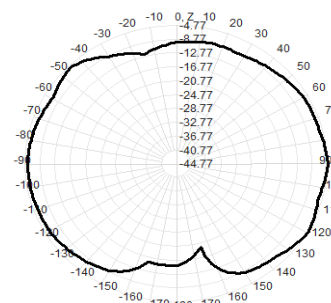
dBi



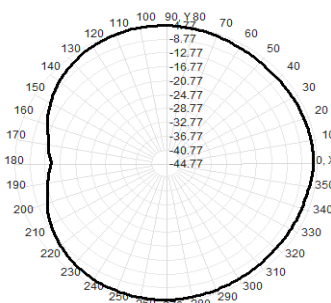
2430.0MHz Total(E1-XZ), Max= -5.20dBi



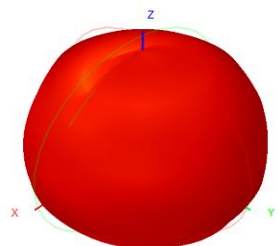
2430.0MHz Total(E2-YZ), Max= -4.77dBi



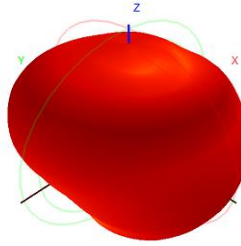
Total(H-XY), Max= -4.86dBi, CirD=9.64



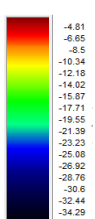
2440.0MHz H+V, Eff: 15.7%



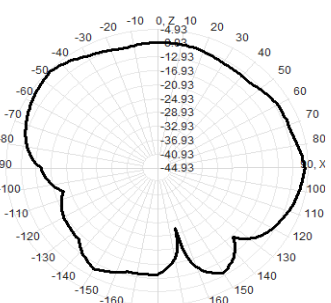
Back View



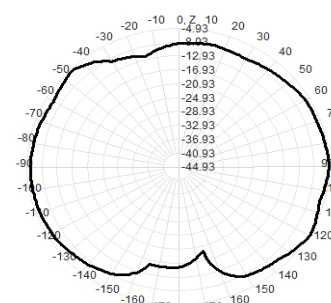
dBi



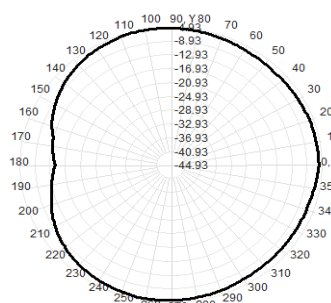
2440.0MHz Total(E1-XZ), Max= -5.32dBi



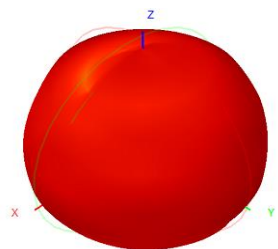
2440.0MHz Total(E2-YZ), Max= -4.93dBi



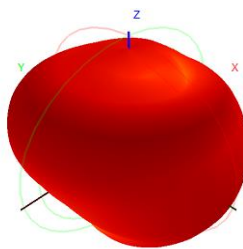
Total(H-XY), Max= -5.19dBi, CirD=9.10



2450.0MHz H+V, Eff: 15.5%

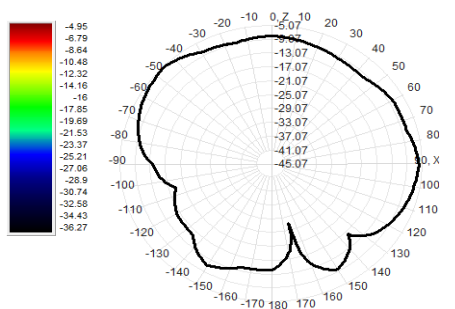


Back View

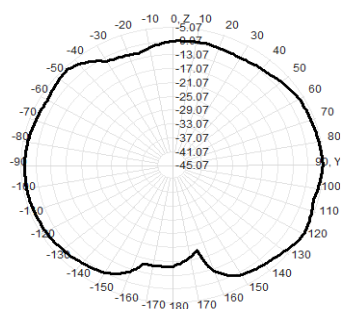


dBi

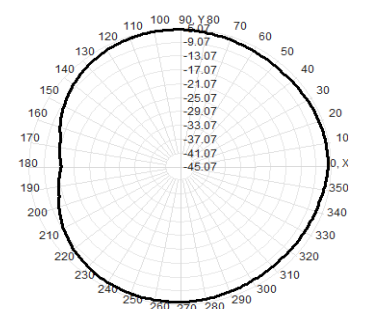
2450.0MHz Total(E1-XZ), Max= -5.33dBi



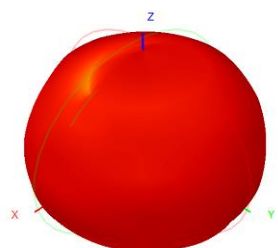
2450.0MHz Total(E2-YZ), Max= -5.07dBi



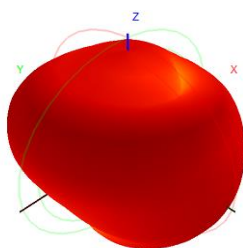
Total(H-XY), Max= -5.43dBi, CirD=8.25



2460.0MHz H+V, Eff: 14.6%

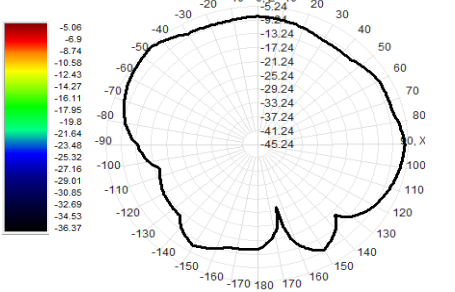


Back View

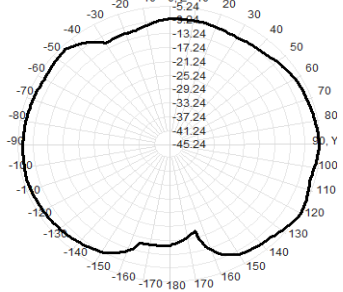


dBi

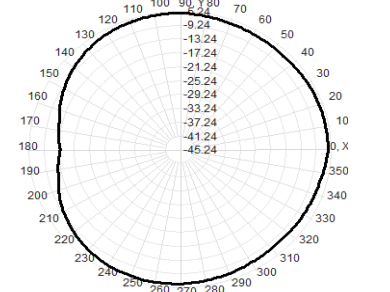
2460.0MHz Total(E1-XZ), Max= -5.60dBi



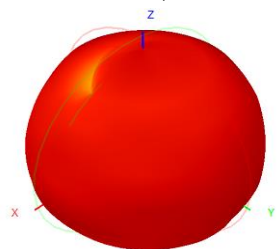
2460.0MHz Total(E2-YZ), Max= -5.24dBi



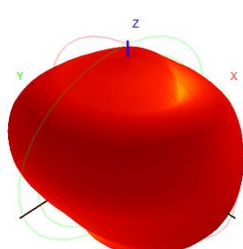
Total(H-XY), Max= -5.76dBi, CirD=7.84



2470.0MHz H+V, Eff: 14.1%

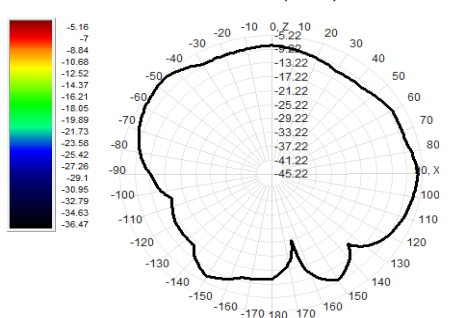


Back View

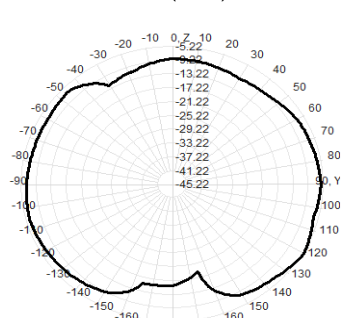


dBi

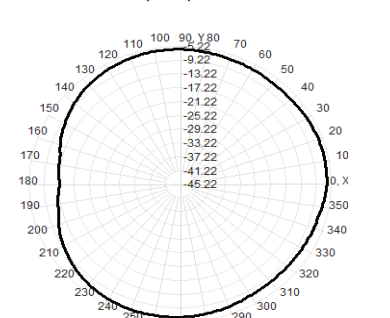
2470.0MHz Total(E1-XZ), Max= -5.82dBi



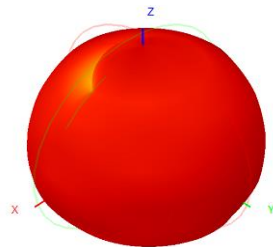
2470.0MHz Total(E2-YZ), Max= -5.22dBi



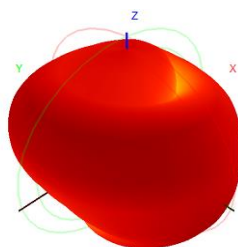
Total(H-XY), Max= -6.11dBi, CirD=7.31



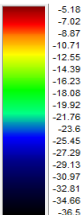
2480.0MHz H+V, Eff: 13.4%



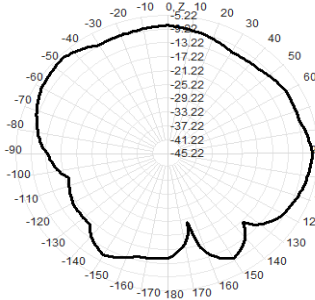
Back View



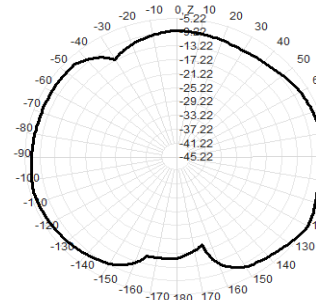
dBi



2480.0MHz Total(E1-XZ), Max= -6.29dBi



2480.0MHz Total(E2-YZ), Max= -5.22dBi



Total(H-XY), Max= -6.26dBi, CirD=7.35

