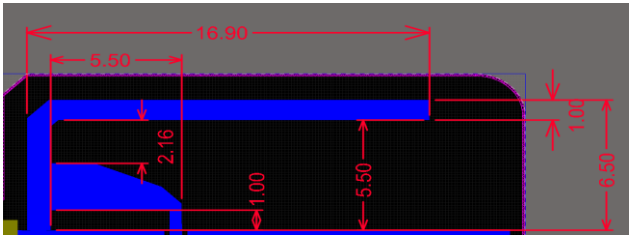


Designer: TCL King Electrical Appliances (Huizhou) Co., Ltd.

Address: 78# 4th Huifeng Road Zhongkai New & High-Tech Industries Development Zone Huizhou

Guangdong China.

Model Name	RC813A
Frequency Bands	2400–2500MHz
Antenna Type	PCB Antenna
Antenna Gain(Max.)	−0.848dBi



Unit: mm

Antenna Efficiency and Gain

Table 1			
Antenna	Freq (MHz)	Effi (%)	Gain (dBi)
	2400	14.99%	−0.848
	2410	14.68%	−0.8872
	2420	14.09%	−1.0212
	2430	13.52%	−1.1535
	2440	12.85%	−1.3258
	2450	13.12%	−1.2011
	2460	12.31%	−1.5586
	2470	12.12%	−1.5435
	2480	11.57%	−1.8051
	2490	11.19%	−2.0069
	2500	10.97%	−2.1328

3D antenna gains:

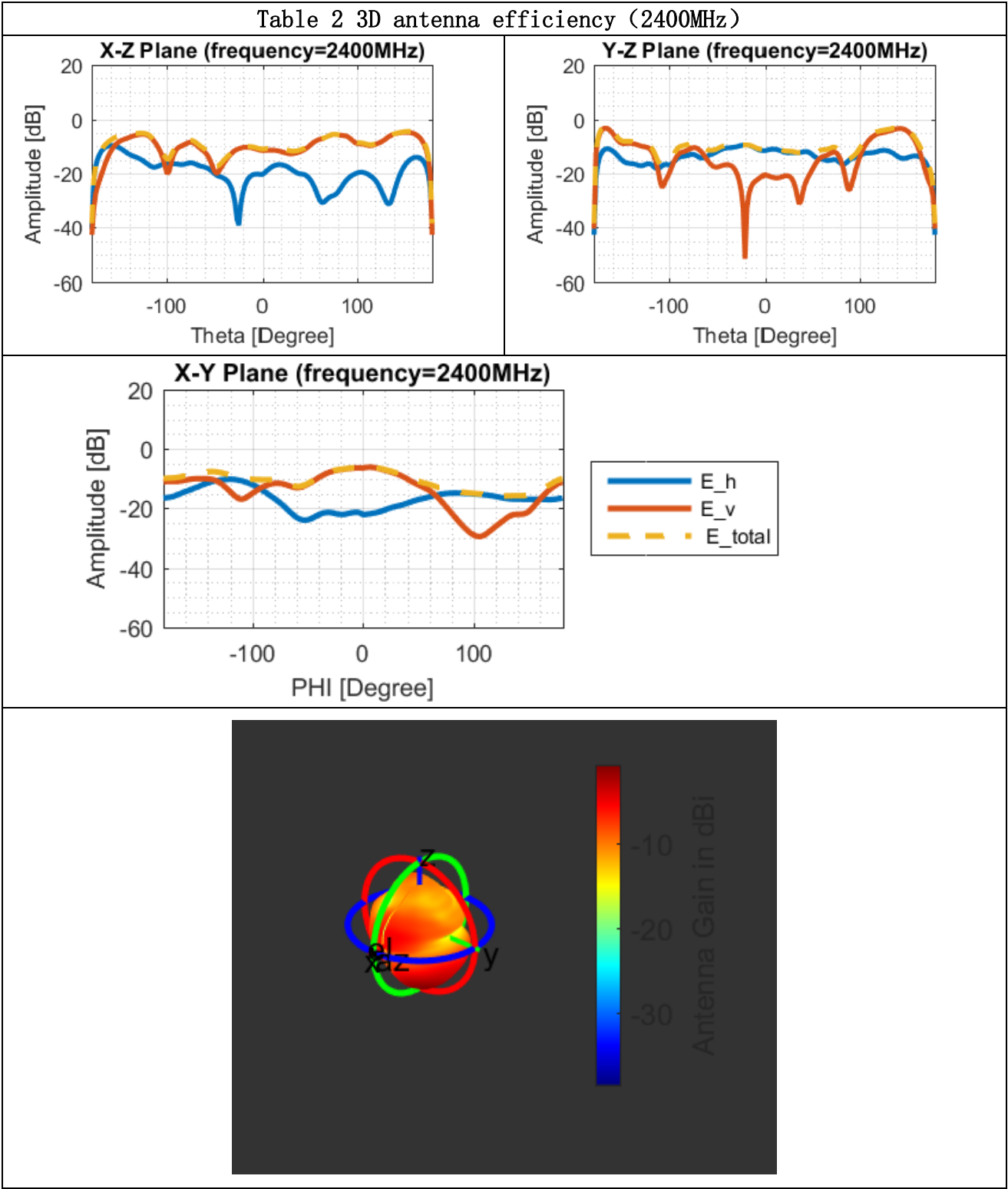


Table 3 3D antenna efficiency (2450MHz)

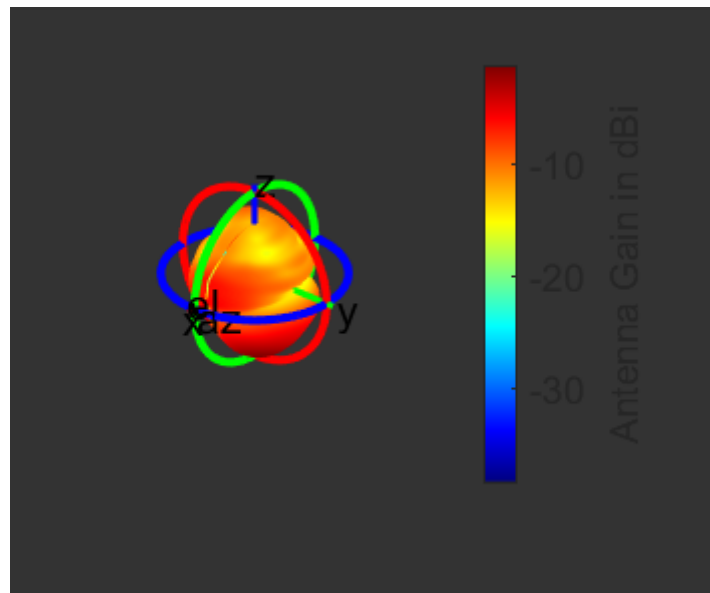
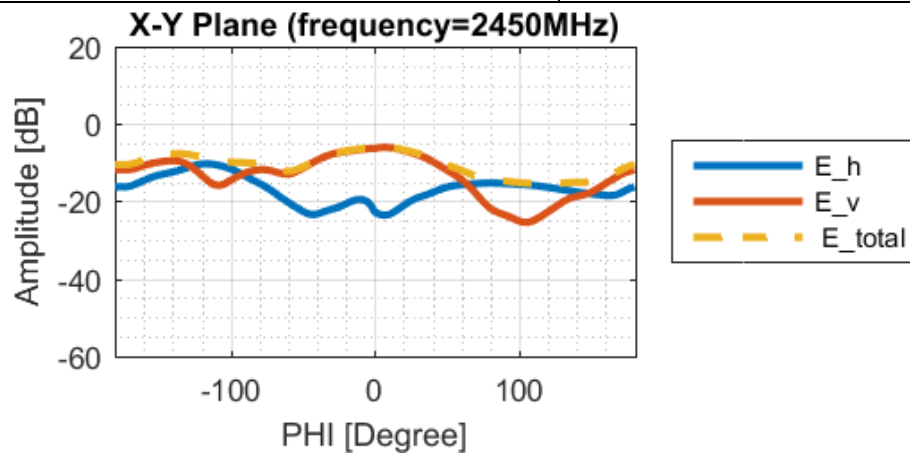
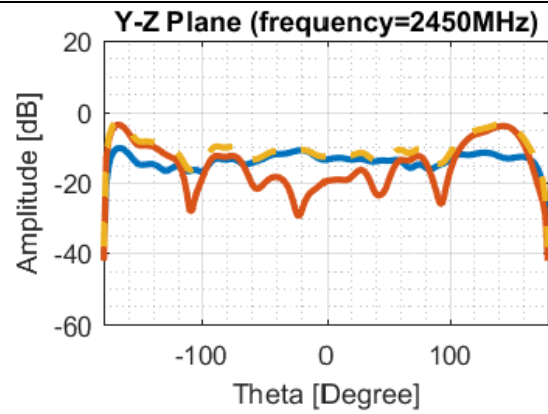
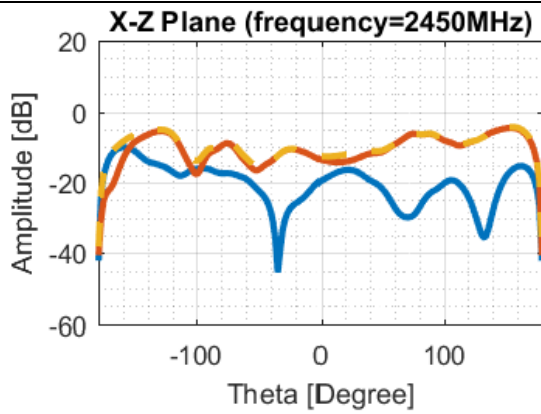


Table 4 3D antenna efficiency (2500MHz)

