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Antenna test report

Customer name	project	test leader	TelePhone
Magic Beanstalk Connected	Kids AI Phone	Meng YJ	18878391753
Address: Room 601, Building B4, Huafeng International Electronics Innovation Park, Bao'an Avenue, Xixiang Street, Bao'an District, Shenzhen			

Producer	Antenna model
New Shunda wire and cable	UL1332 series
Address: Room 102, No. 47, Humen Section, Tai'an Road, Humen Town, Dongguan City, Guangdong Province	

Debug the frequency band

Band	Debug the frequency band
BT	2400~2500Mhz

Test distance

BT	Barrier-free talking distance	Barrier-free playback audio distance
	10m	10m

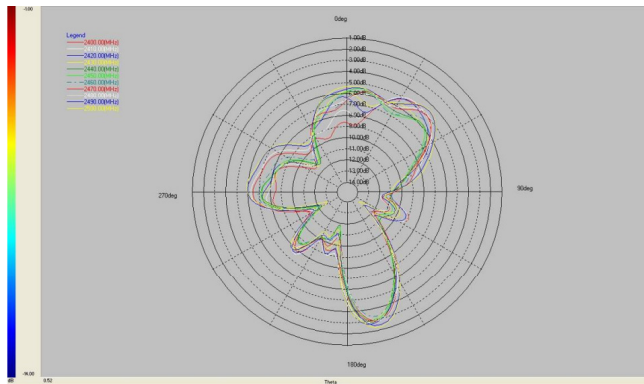
Gain And Efficiency

Frequency	Gain(dBi)	Efficiency
2400MHz	-2.65934	19.32%
2410MHz	-2.49845	20.46%
2420MHz	-2.47123	20.53%
2430MHz	-2.807	19.56%
2440MHz	-2.6876	20.11%
2450MHz	-2.84033	19.63%
2460MHz	-2.84052	20.83%
2470MHz	-2.41596	22.98%
2480MHz	-2.33463	23.12%
2490MHz	-1.93276	24.49%
2500MHz	-1.60568	24.69%

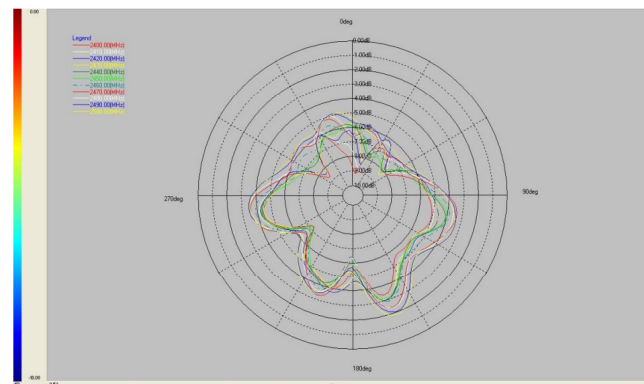
Figures

2D Radiation Pattern

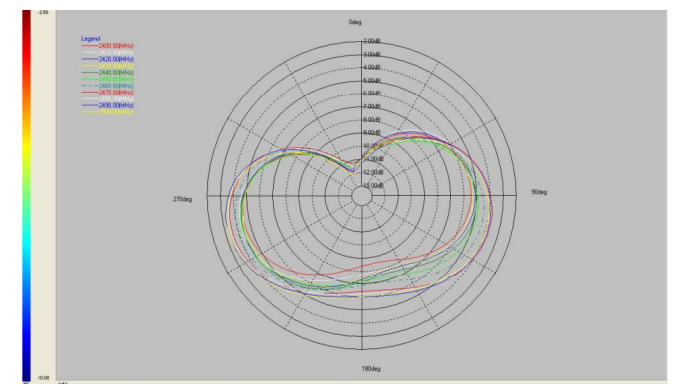
Phi=0



Phi=90

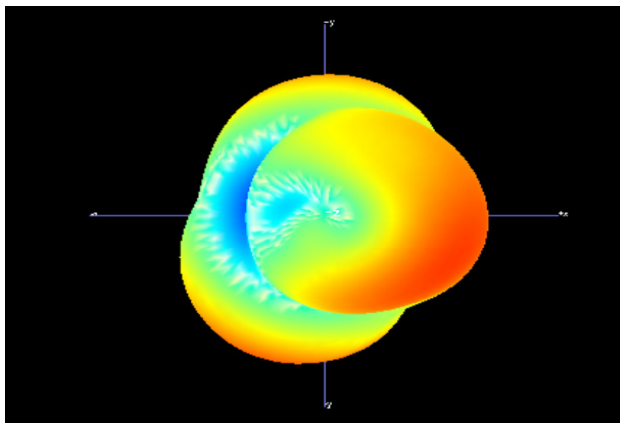


Theta=90

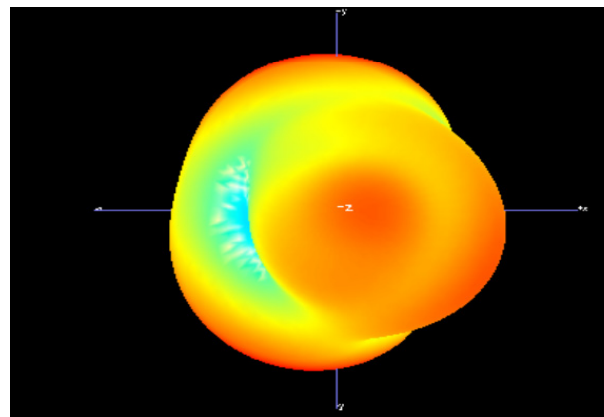


3D Radiation Pattern

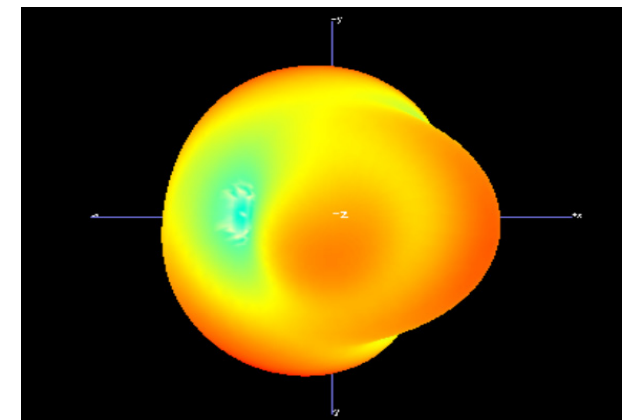
2400MHz



2450MHz



2500MHz



3. Antenna assembly location

The antenna sticker is placed on the edge of the back of the board

