



Model Antenna SPECIFICATION

Antenna Manufacturer Name	Universal Global Technology (Kunshan) Co., Ltd.
Address	No. 497, Huangpujiang Road, Qiandeng, Kunshan, Jiangsu Province P.R. C 215341
P/N:	46-500611-01 : WLAN 15inch WIFI-R CH0 2.4/5/6GHz Henley 46-500612-01: WLAN 15inch WIFI-L CH1 2.4/5/6GHz Henley
Test DATE	2024/05/03
DATASHEET REVISION	Rev 00

Howard

Test Engineer: Howard



Description of Antenna 1(WIFI-R)

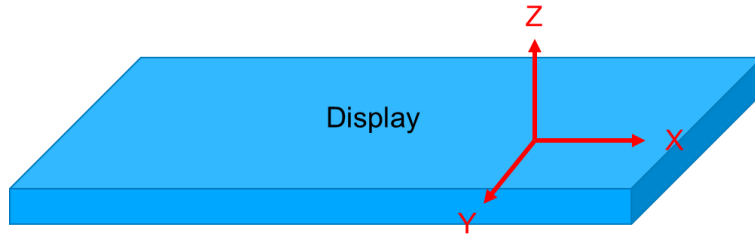
Frequency Range	2400~2500,5150~5850, 5925~7125MHz
Impedance	50Ω
Antenna type	Coupling
Manufacturing Process	PCB+Cable

Antenna Peak Gain:

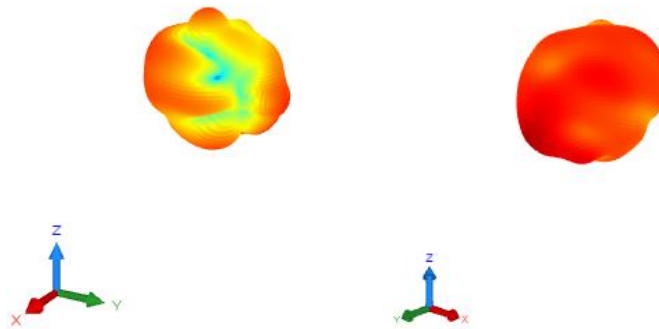
MHz	Peak Gain (dBi)
2402	2.89
2442	2.70
2472	2.10
5150	3.24
5250	3.28
5350	3.99
5470	3.82
5725	3.87
5850	3.89
5925	3.29
6425	2.40
6525	2.02
6875	2.87
7125	3.22



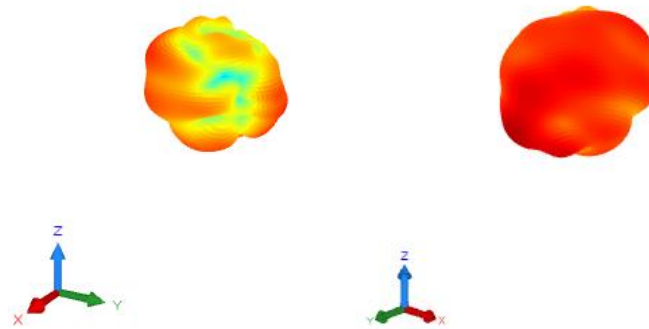
Ant 1 3D Radiation Pattern



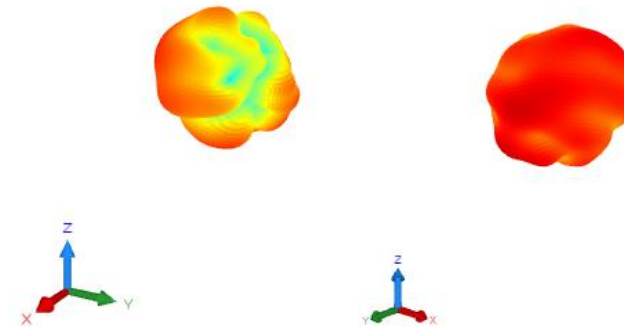
- 2402 MHz



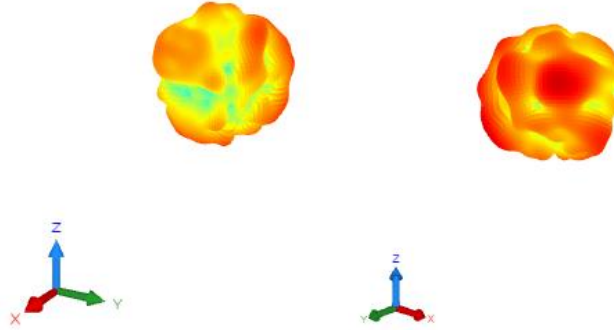
- 2442 MHz



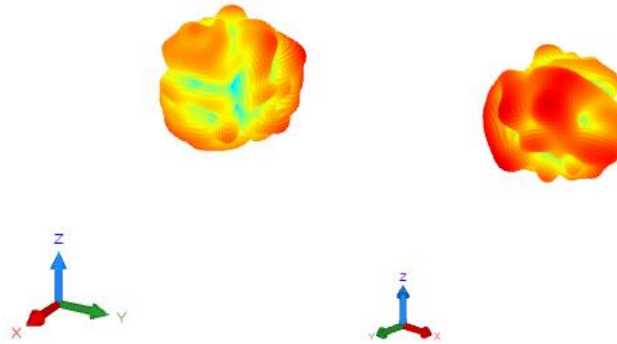
- 2472 MHz



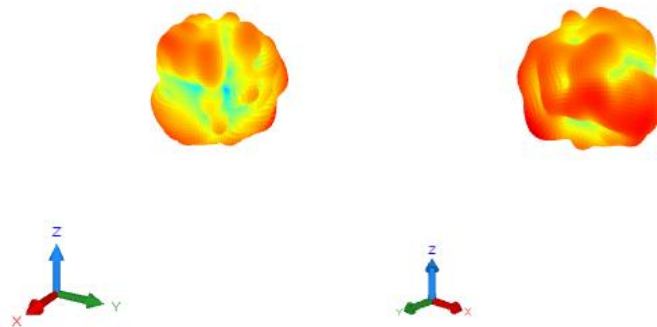
- 5150 MHz



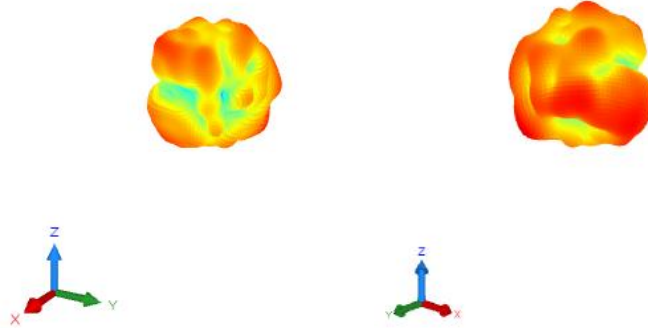
- 5470 MHz



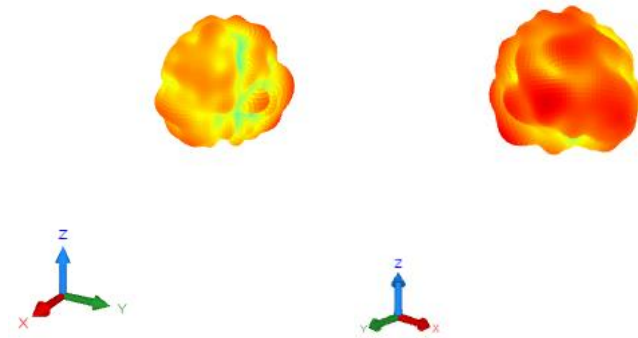
- 5850 MHz



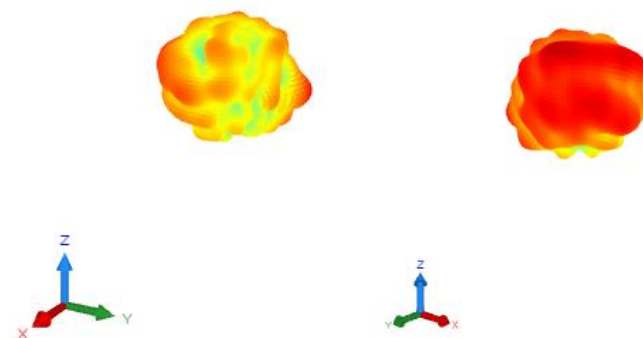
- 5925 MHz



- 6525 MHz



- 7125 MHz





Description of Antenna 2(WIFI-L)

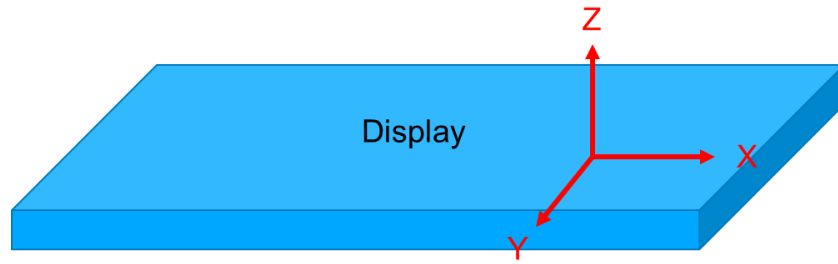
Frequency Range	2400~2500,5150~5850, 5925~7125MHz
Impedance	50Ω
Antenna type	PIFA
Manufacturing Process	PCB+Cable

Antenna Peak Gain:

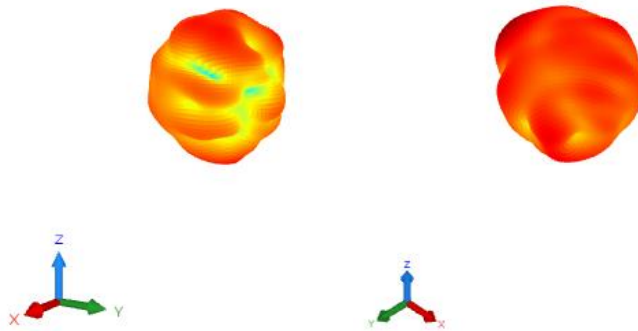
MHz	Peak Gain (dBi)
2402	2.98
2442	2.89
2472	1.93
5150	3.56
5250	3.80
5350	3.80
5470	3.99
5725	2.85
5850	2.90
5925	3.14
6425	3.11
6525	2.89
6875	3.59
7125	3.31



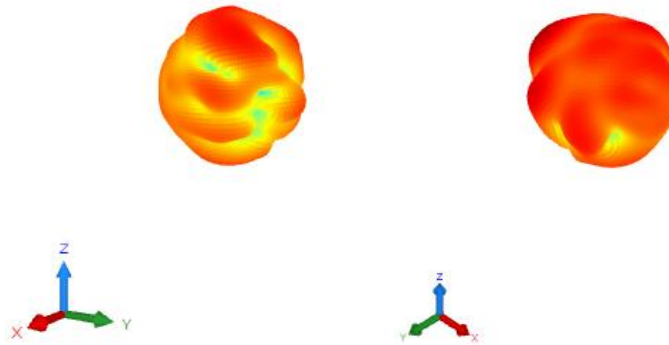
Ant 2 3D Radiation Pattern



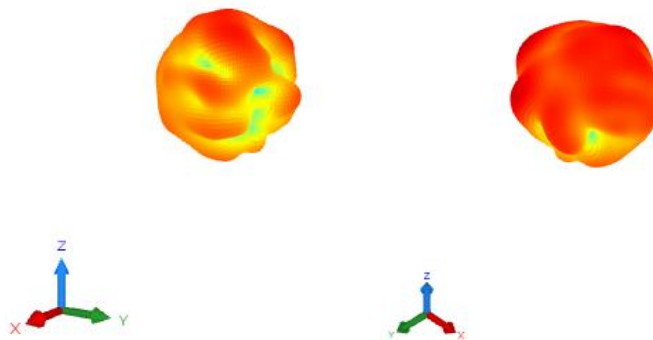
- 2402 MHz



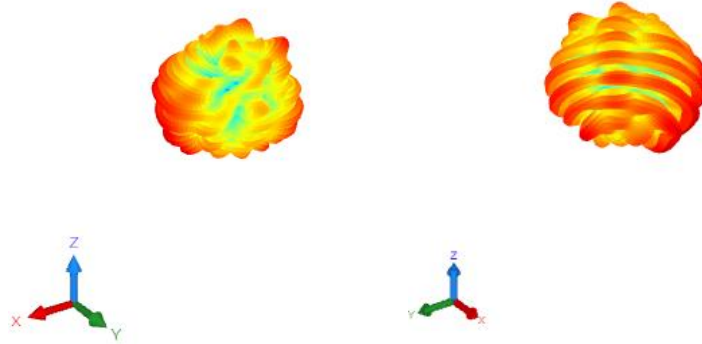
- 2442 MHz



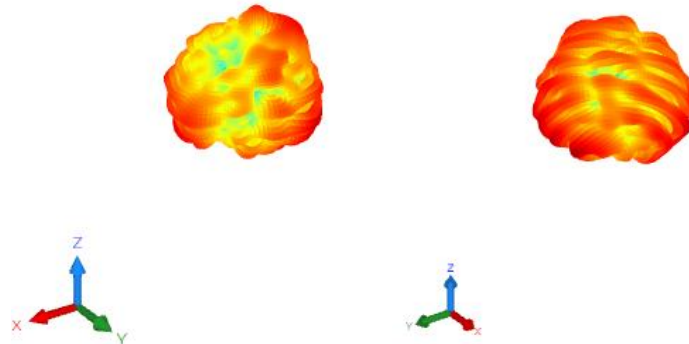
- 2472 MHz



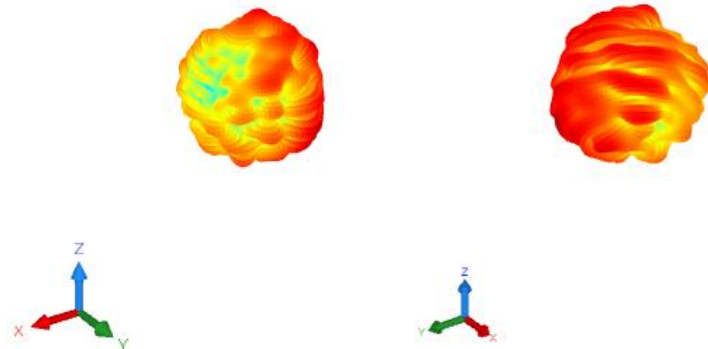
- 5150 MHz



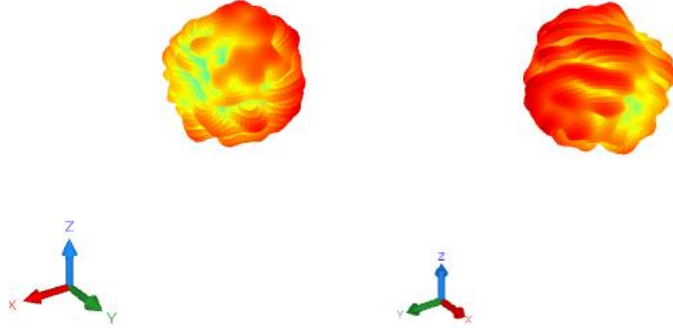
- 5470 MHz



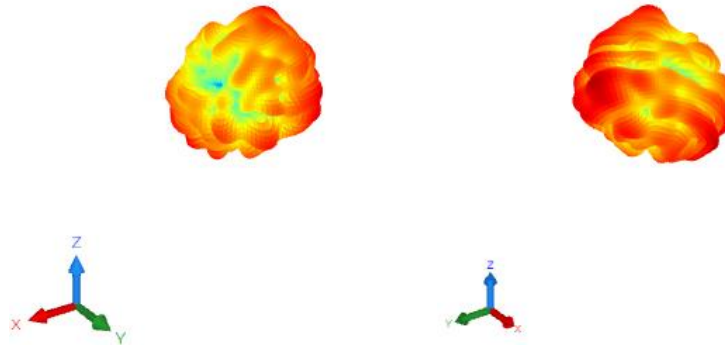
- 5850 MHz



- 5925 MHz



- 6525 MHz



- 7125 MHz

