



Quasar 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:	WiFi0:C23153-30 WiFi1:C23152-30
Test DATE	2024/02/07
DATASHEET REVISION	Rev 00

 Luke

Test Engineer: Luke



Description of Antenna

Frequency Range	WiFi0: 2400~2500, 5150~7125MHz WiFi1: 2400~2500, 5150~7125MHz
Impedance	50 Ohms
Antenna type	WiFi0 is PIFA type, WiFi1 is Monopole type.
Manufacturing Process	Flex

Antenna Peak Gain:

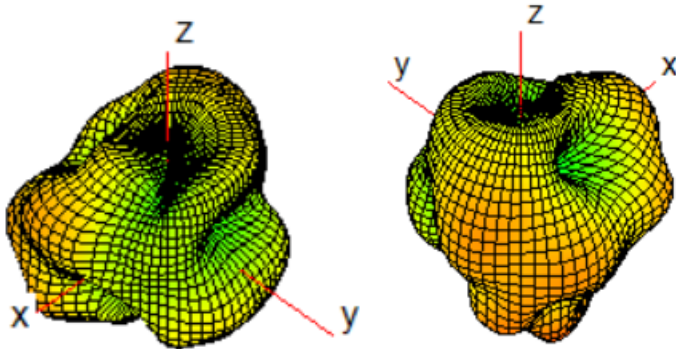
WiFi 0		WiFi 1	
Freq	Peak Gain_dBi	Freq	Peak Gain_dBi
2412	2.87	2412	2.27
2422	2.85	2422	2.20
2437	2.96	2437	2.24
2442	3.05	2442	2.35
2452	3.33	2452	2.50
2484	3.20	2484	2.17
5150	1.56	5150	2.09
5180	1.72	5180	2.45
5250	2.16	5250	2.68
5320	2.17	5320	2.81
5350	2.50	5350	2.83
5470	2.28	5470	2.49
5500	2.47	5500	2.73
5725	1.40	5725	1.67
5785	1.84	5785	2.23
5805	2.05	5805	2.55
5850	2.03	5850	2.60
5875	1.93	5875	2.80
5925	1.74	5925	3.00
5975	1.97	5975	2.82
6015	2.17	6015	2.65
6055	2.15	6055	2.73
6135	2.84	6135	2.67
6175	3.15	6175	2.53
6215	3.25	6215	2.15
6245	3.37	6245	2.18
6295	3.08	6295	2.24
6335	3.11	6335	2.42
6375	2.65	6375	2.54
6425	2.55	6425	2.58
6455	2.33	6455	2.70
6495	2.43	6495	2.87
6525	2.63	6525	3.06
6535	2.55	6535	3.07
6615	2.61	6615	3.08
6655	2.18	6655	3.00
6695	2.80	6695	3.15
6775	2.44	6775	2.65
6815	2.33	6815	2.42
6855	2.37	6855	2.64
6875	2.13	6875	2.31
6935	2.38	6935	1.72
7015	2.81	7015	1.72
7095	2.00	7095	1.44
7125	2.40	7125	1.92



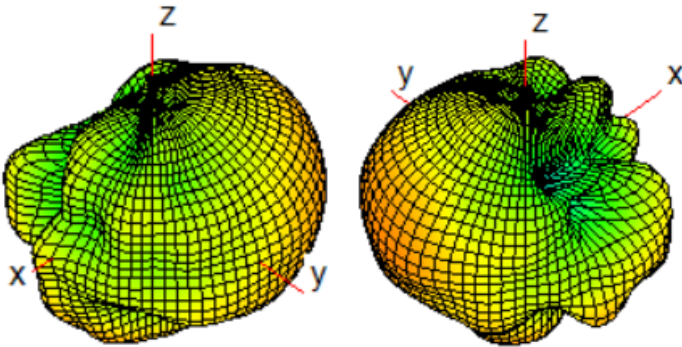
ZEBRA

Antenna Pattern:

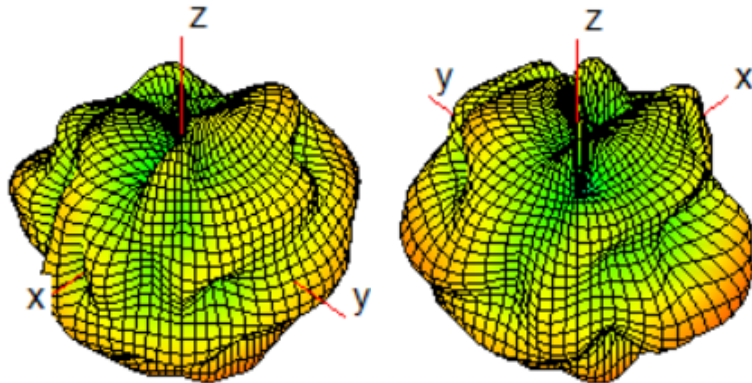
WiFi0_2442MHz



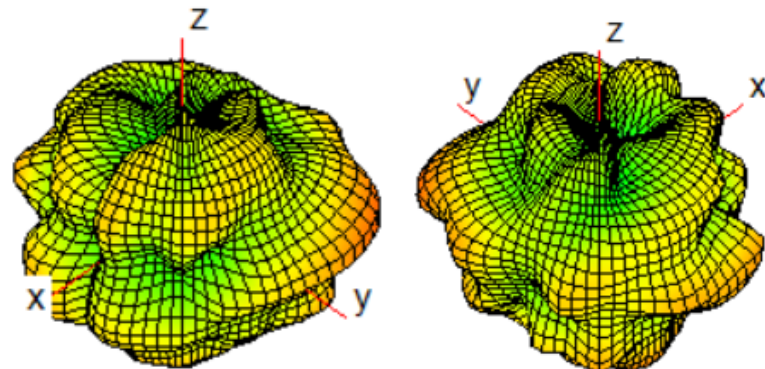
WiFi0_5150MHz



WiFi0_5500MHz

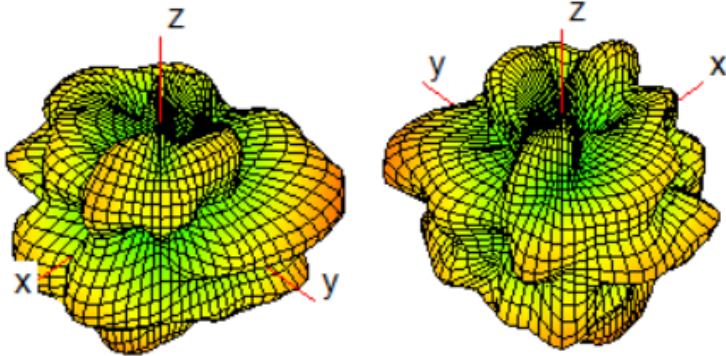


WiFi0_5850MHz

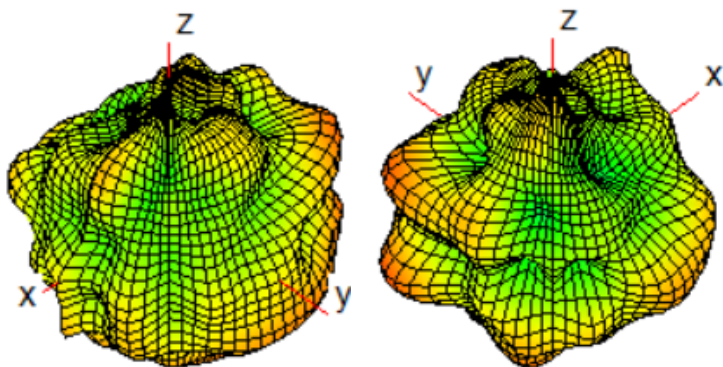




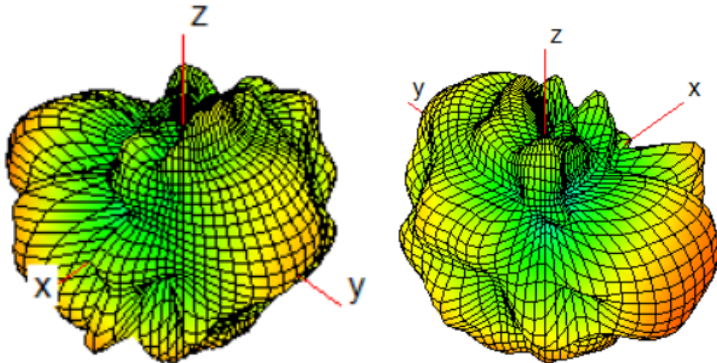
WiFi0_5925MHz



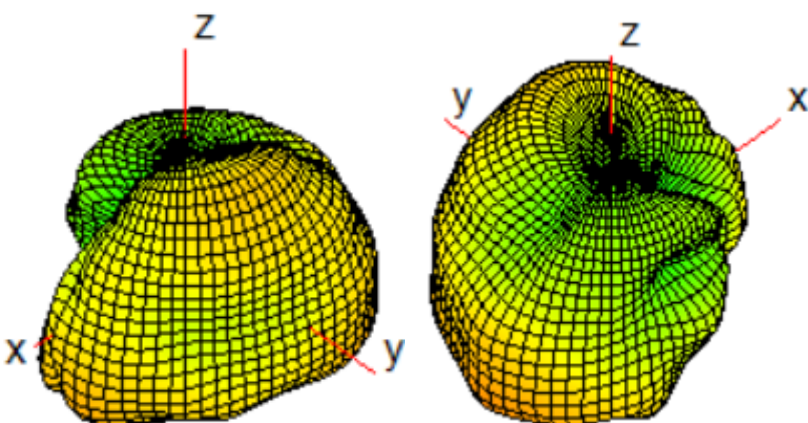
WiFi0_6525MHz



WiFi0_7125MHz

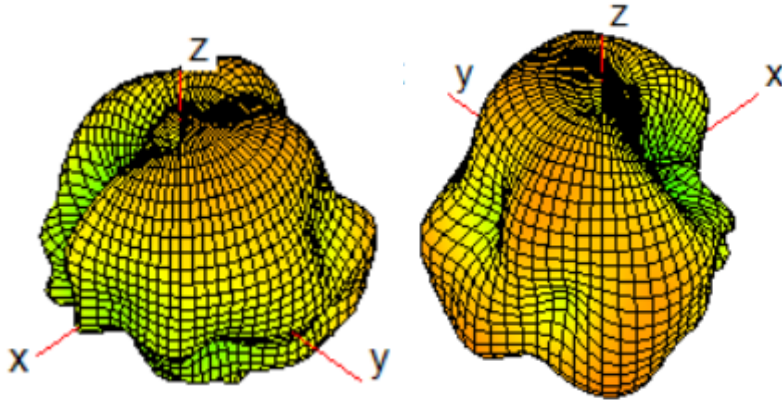


WiFi1_2442MHz

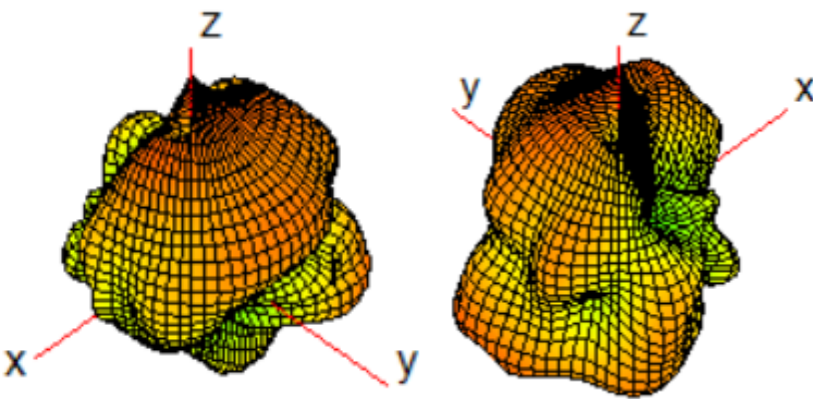




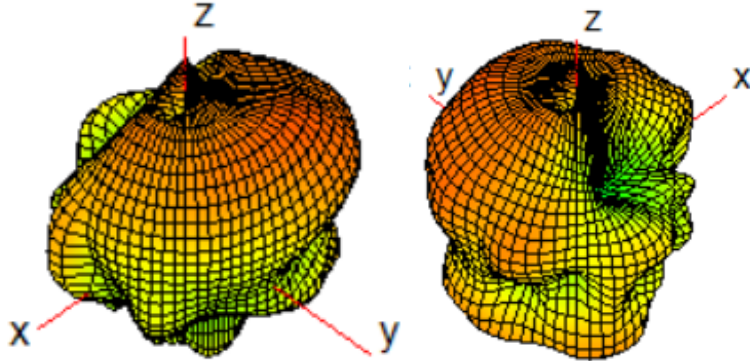
WiFi1_5150MHz



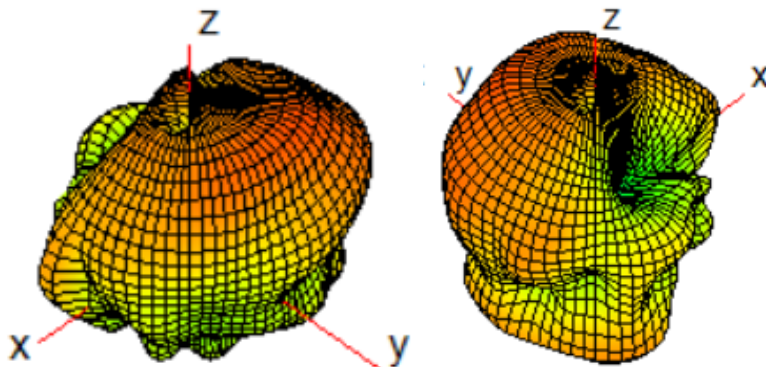
WiFi1_5500MHz



WiFi1_5850MHz

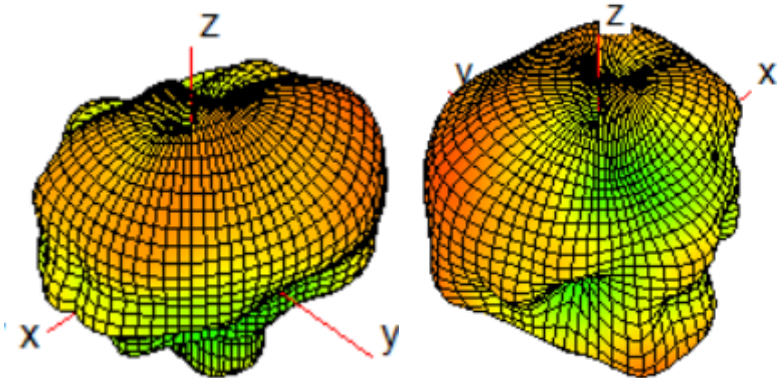


WiFi1_5925MHz





WiFi1_6525MHz



WiFi1_7125MHz

