



WS5002 Antenna SPECIFICATION

Antenna Manufacturer Name	Universal Global Scientific Industrial Co., Ltd.
Address	No.141, Lane 351, Sec.1, Taiping Road, Tsaotuen, Nantou County 542007, Taiwan
P/N:	46-500524-01
Test DATE	2021/01/14
DATASHEET REVISION	V01

Test Engineer: George Weng



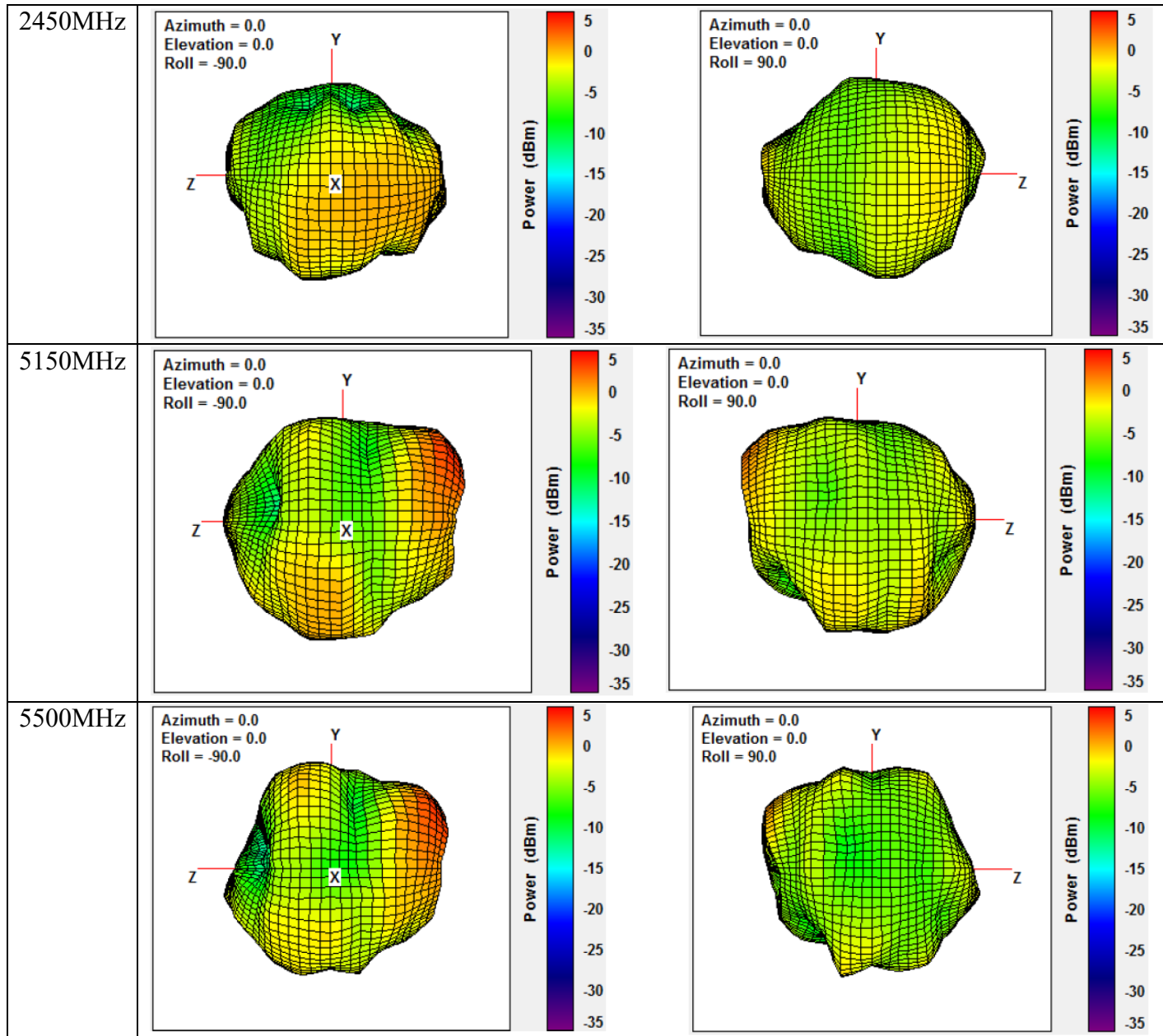
Description of Antenna

Frequency Range	2400-2500MHz and 5150-5850MHz
Impedance	50 ohm
Antenna type	PIFA
Manufacturing Process	LDS

Antenna Peak Gain:

Frequency (MHz)	Peak gain (dBi)
2400	2.39
2450	2.50
2500	2.45
5150	3.86
5250	3.92
5350	3.92
5450	3.80
5550	3.76
5650	2.66
5750	3.13
5850	2.21

Antenna Pattern:



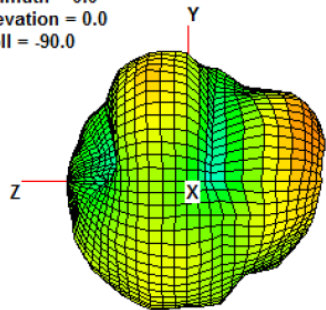


ZEBRA

Zebra Technologies Corporation

5850MHz

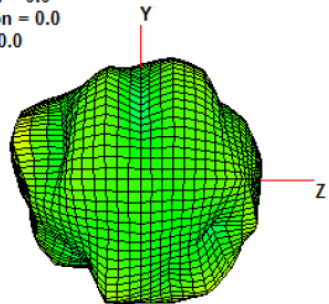
Azimuth = 0.0
Elevation = 0.0
Roll = -90.0



Power (dBm)

5
0
-5
-10
-15
-20
-25
-30
-35

Azimuth = 0.0
Elevation = 0.0
Roll = 90.0



Power (dBm)

5
0
-5
-10
-15
-20
-25
-30
-35