



Antenna Specification

Electrical Properties	
Frequency	2.4-2.5GHz 5.15-5.85GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max
Gain	2.0 dBi@2.4-2.5GHz 1.6 dBi@5.15-5.85GHz
Radiation	Omni-directional
Polarization	Linear
Physical Properties	
Connector	1 IPEX
Cable Type	O.D.1.13mm
Cable Length	285mm
Cable Color	Black
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%





Passive Test For WIFI Antenna			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	50.4	-3.0	1.8
2410	51.4	-2.9	1.7
2420	52.8	-2.8	1.6
2430	55.2	-2.6	1.7
2440	55.5	-2.6	1.6
2450	57.0	-2.4	1.9
2460	55.5	-2.6	1.6
2470	56.6	-2.5	2.0
2480	54.5	-2.6	1.6
2490	56.0	-2.5	1.7
2500	53.2	-2.7	1.4



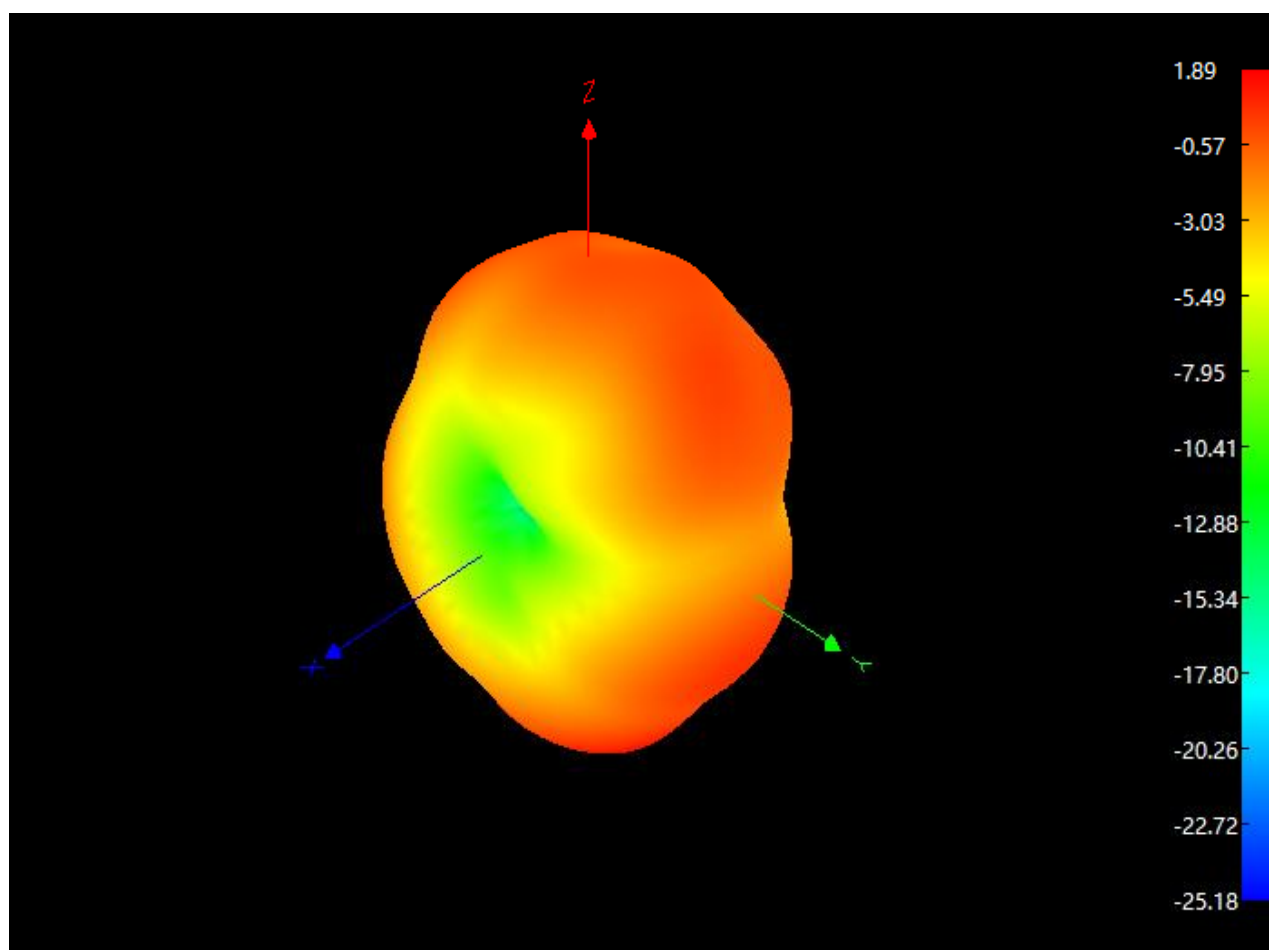


Passive Test For WIFI Antenna			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
5150	40.0	-4.0	1.0
5200	41.9	-3.8	1.0
5250	40.5	-3.9	1.0
5300	38.4	-4.2	0.7
5350	38.5	-4.2	1.0
5400	41.3	-3.8	1.6
5450	40.6	-3.9	1.4
5500	35.8	-4.5	0.8
5550	41.1	-3.9	1.2
5600	41.7	-3.8	0.9
5650	37.2	-4.3	0.4
5700	37.1	-4.3	0.6
5750	43.2	-3.7	0.9
5800	40.0	-4.0	1.1
5850	37.8	-4.2	0.8



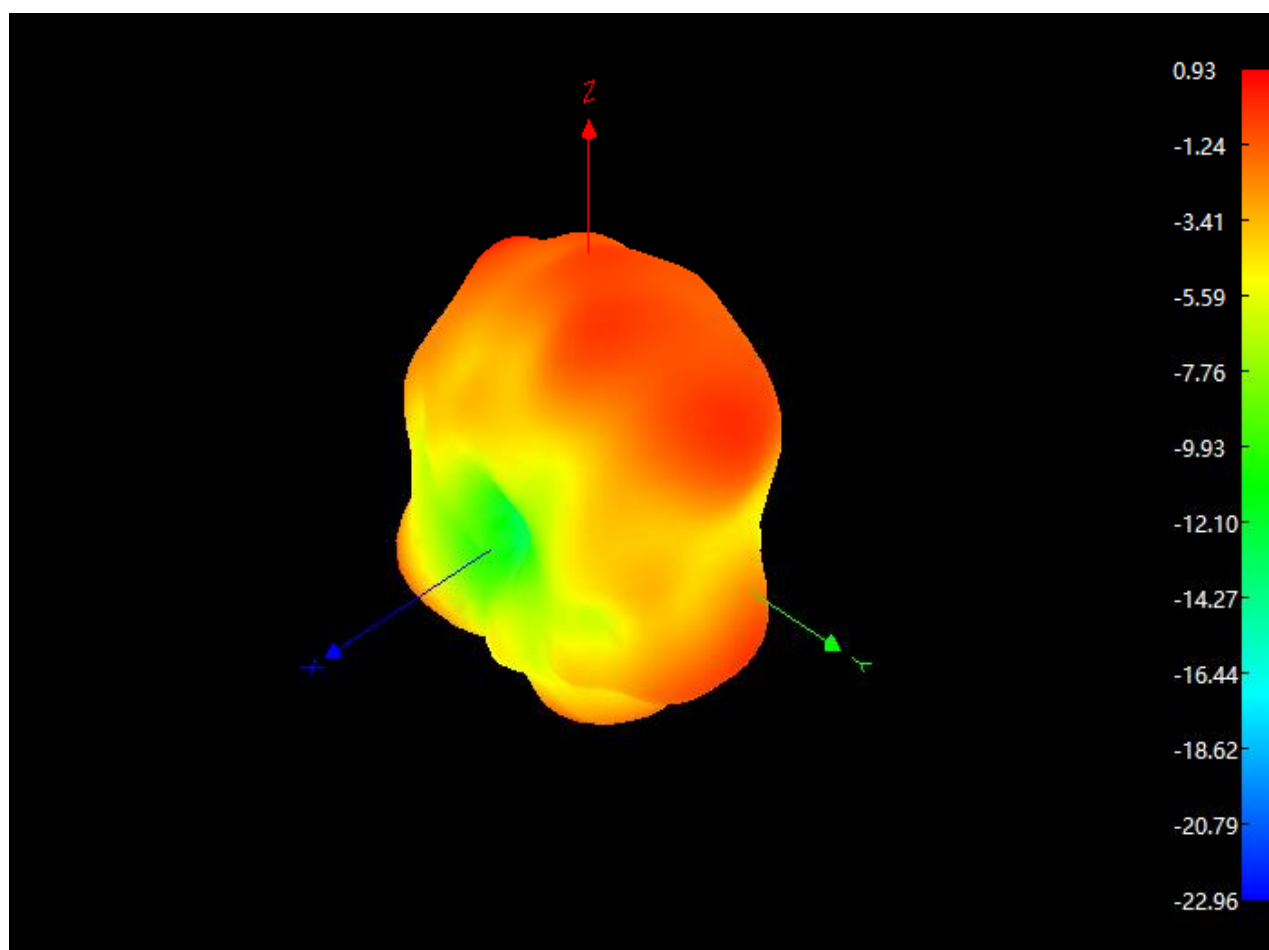


Radiation Pattern For WIFI Antenna(2450MHz)





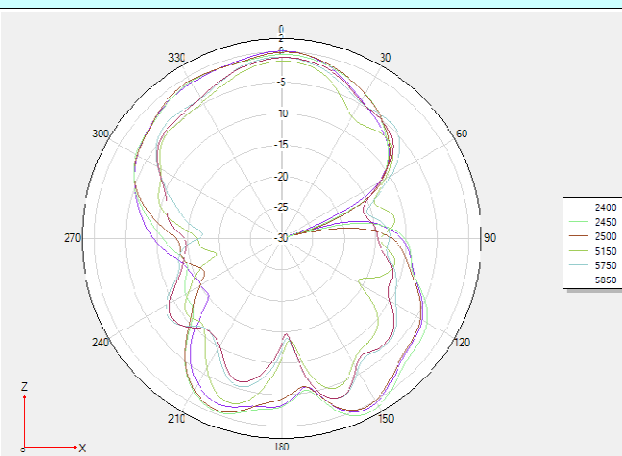
Radiation Pattern For WIFI Antenna(5750MHz)



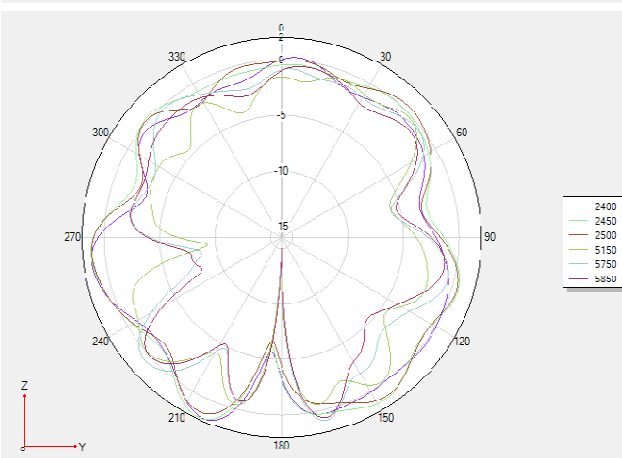


Radiation Pattern For WIFI Antenna

Phi 0°



Phi 90°



Theta 90°

