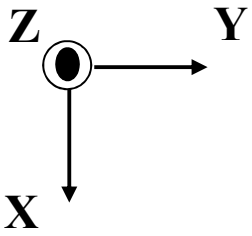
PCB Antenna Simulation

PCB Antenna pattern



ITEM	SPE.
MAX.GAIN	-1.0dBi
Polarization	Horizontal
Azimuth Beam Pattern	Omni-directional
Impedance	50Ω

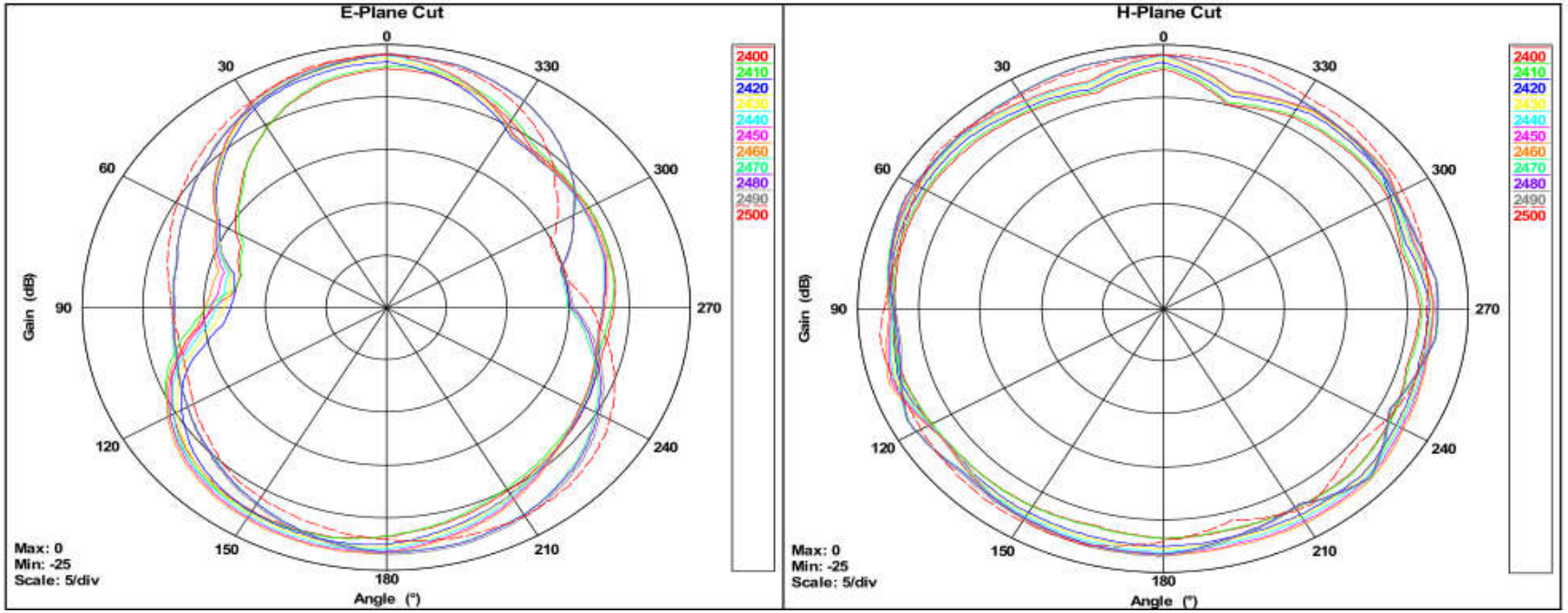
1. Test Data

Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Directivity (dBi)	2.299	2.469	2.692	2.856	2.964	2.928	2.831	2.813	2.813	2.774	2.755
Efficiency (dB)	-4.686	-4.592	-4.424	-4.265	-4.070	-3.929	-3.831	-3.863	-3.867	-3.799	-3.759
Efficiency (%)	33.997	34.740	36.108	37.457	39.170	40.464	41.391	41.086	41.053	41.693	42.083
Gain (dBi)	-2.387	-2.123	-1.732	-1.409	-1.107	-1.001	-1.000	-1.050	-1.054	-1.025	-1.004

PCB Antenna Simulation

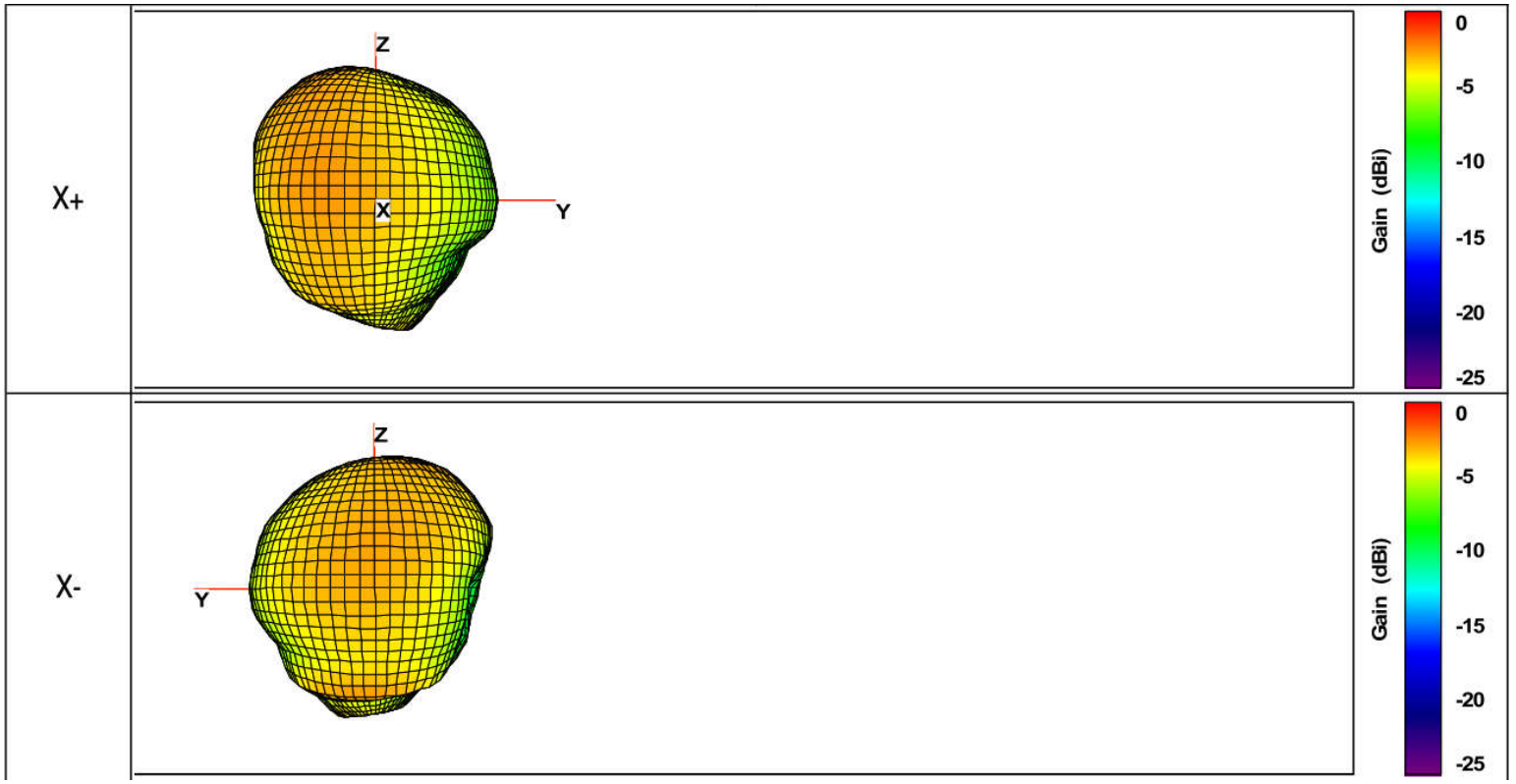
(Radiation)

2. Test Pattern



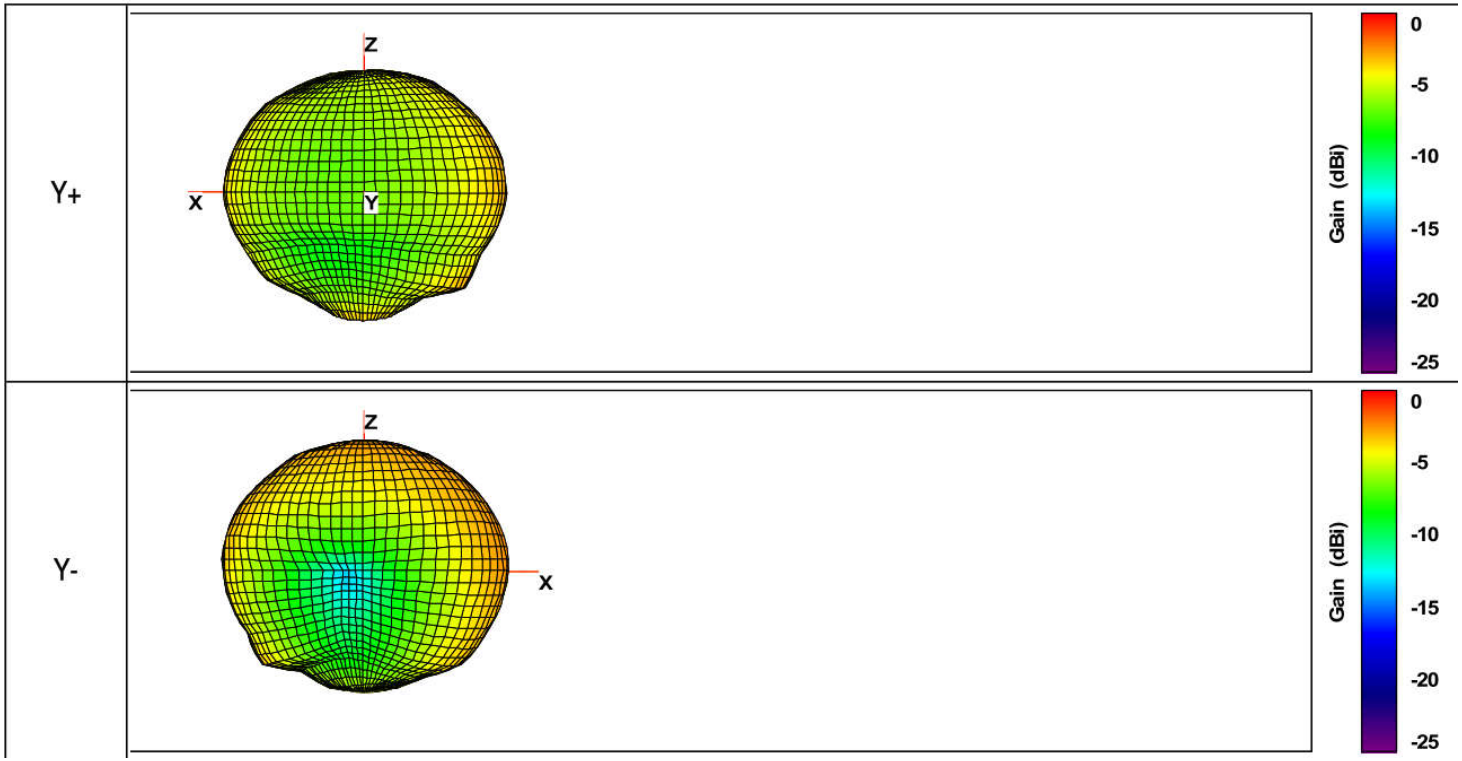
PCB Antenna Simulation

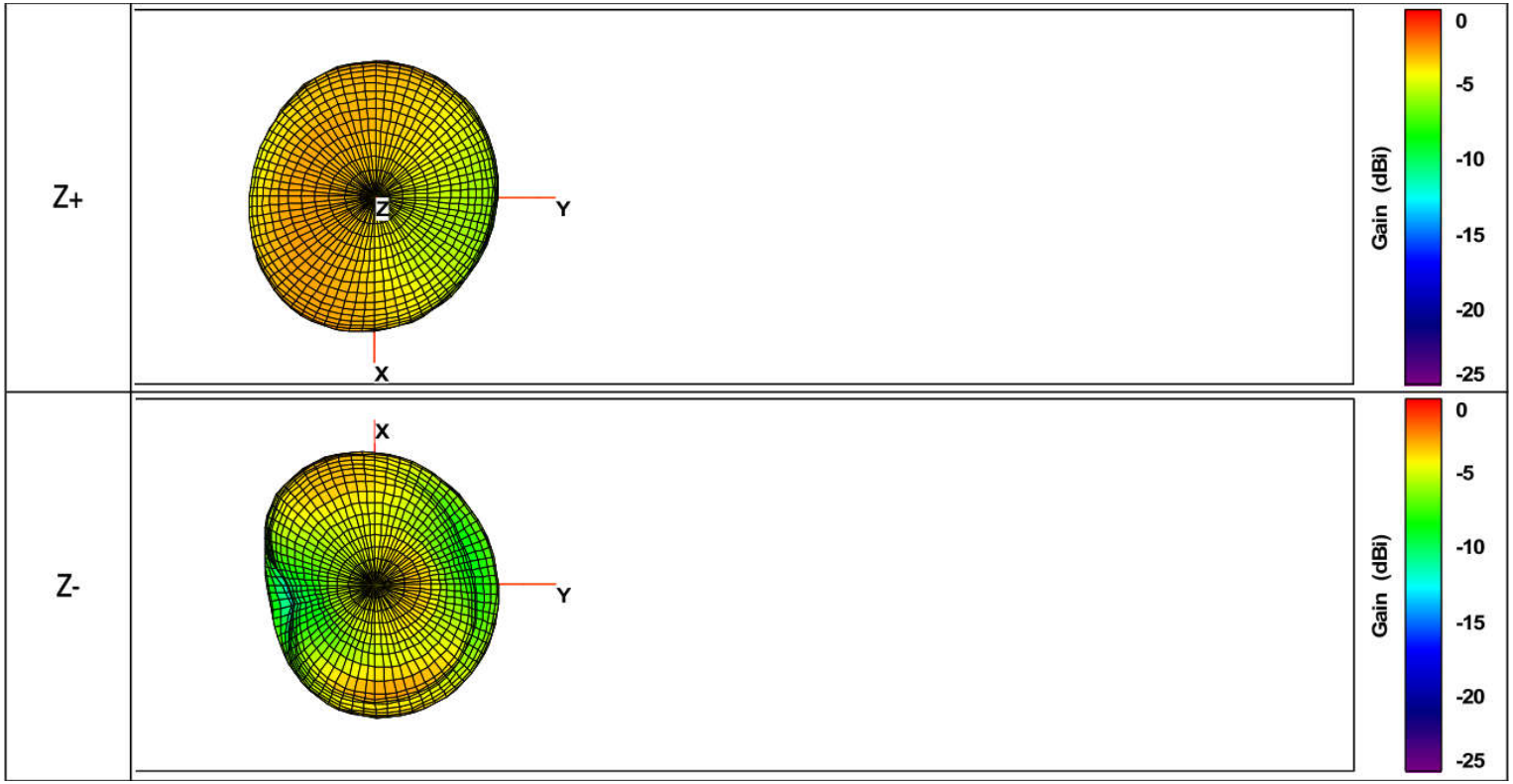
(Radiation)



PCB Antenna Simulation

(Radiation)



PCB Antenna Simulation

(Radiation)