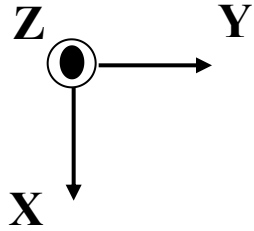


PCB Antenna Simulation

Manufacture's Name : VTrump Tech (Shanghai) Co., Ltd

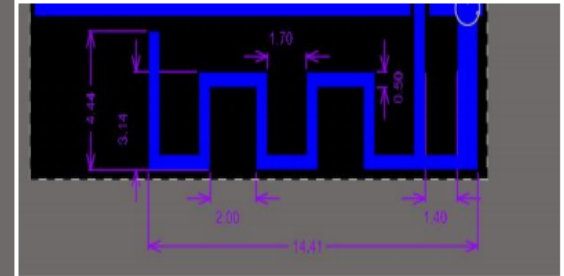
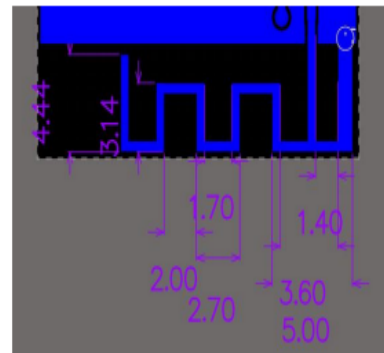
Address : Room 508, 1888 Yishan Road, Minhang District, Shanghai

PCB Antenna pattern



ITEM	SPE.
MAX.GAIN	-1.000dBi
Polarization	Horizontal
Azimuth Beam Pattern	Omni-directional
Impedance	50Ω

External dimensions: (mm)

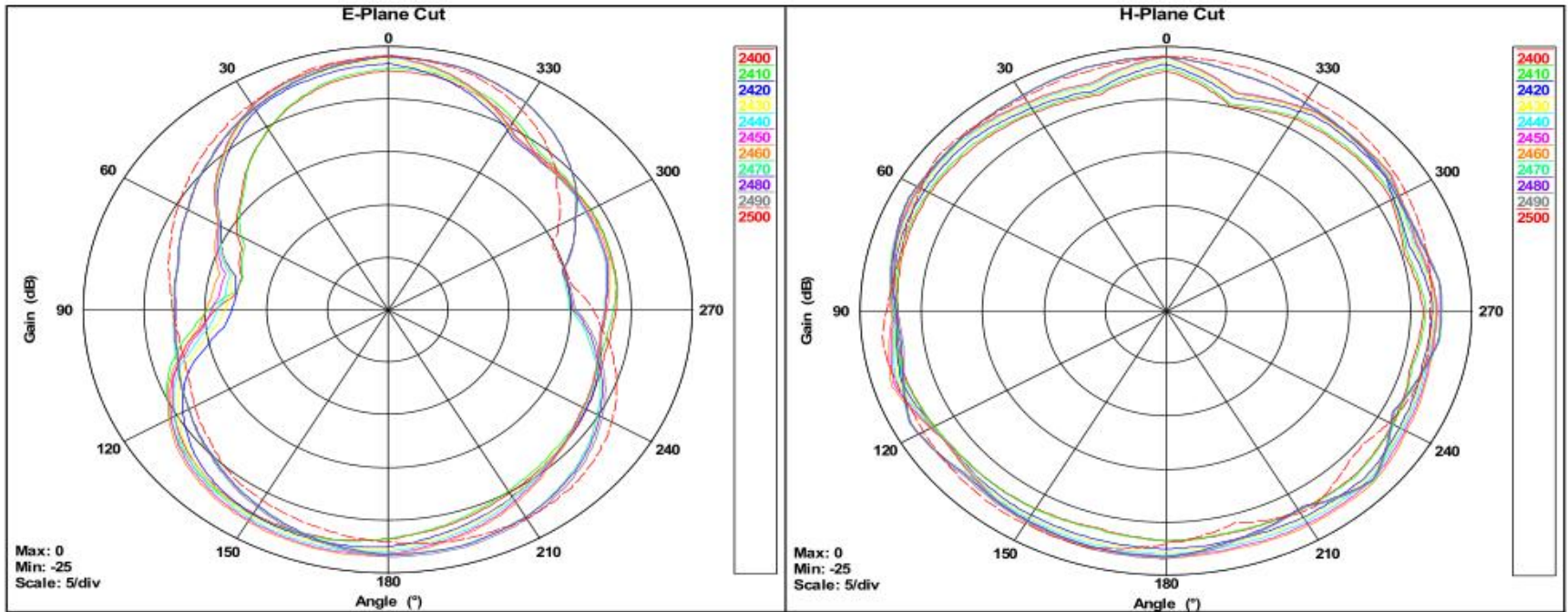


1. Test Data

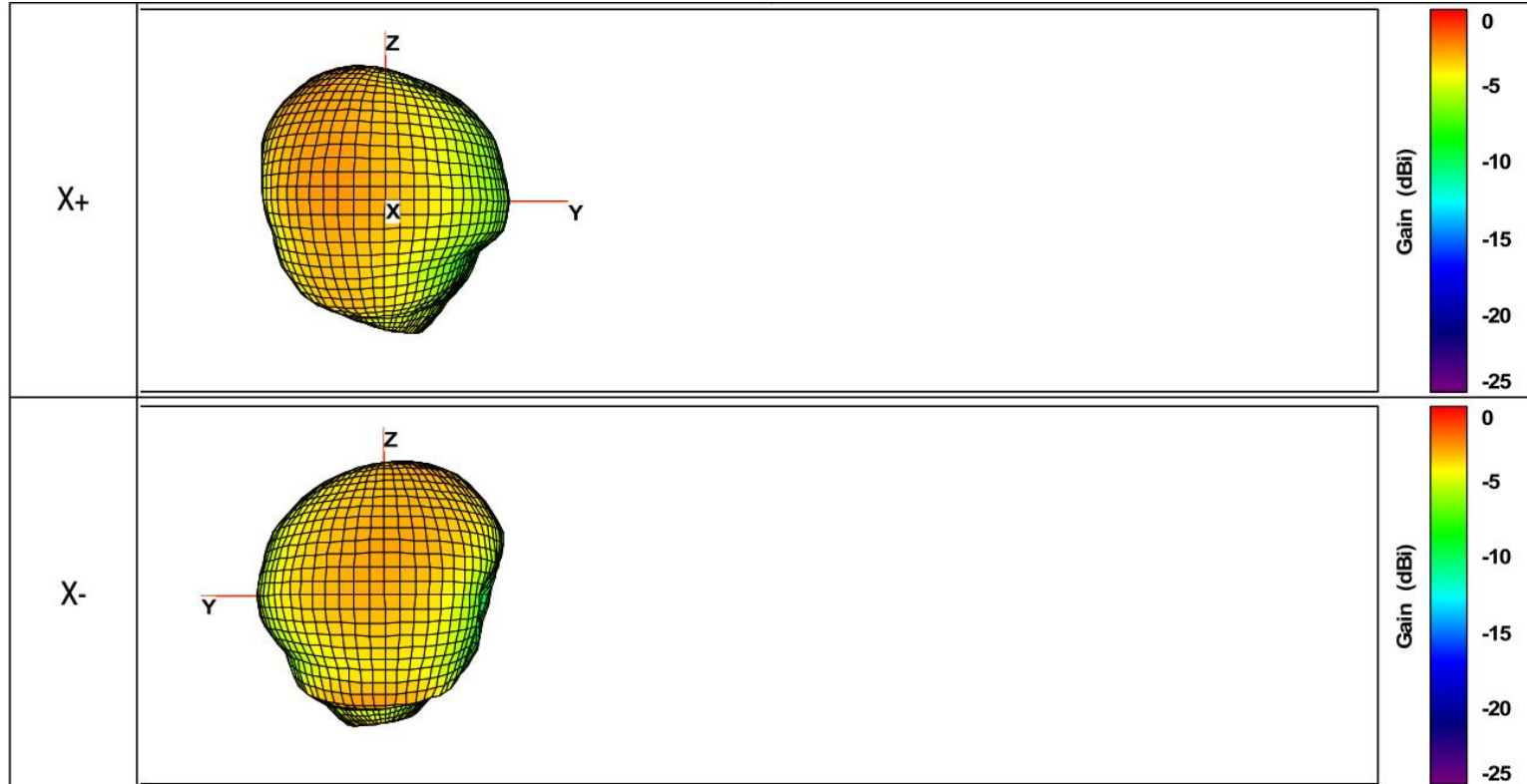
Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Directivity (dBi)	2.299	2.469	2.692	2.856	2.964	2.928	2.831	2.813	2.813	2.774	2.755
Efficiency (dB)	-4.686	-4.592	-4.424	-4.265	-4.070	-3.929	-3.831	-3.863	-3.867	-3.799	-3.759
Efficiency (%)	33.997	34.740	36.108	37.457	39.170	40.464	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)

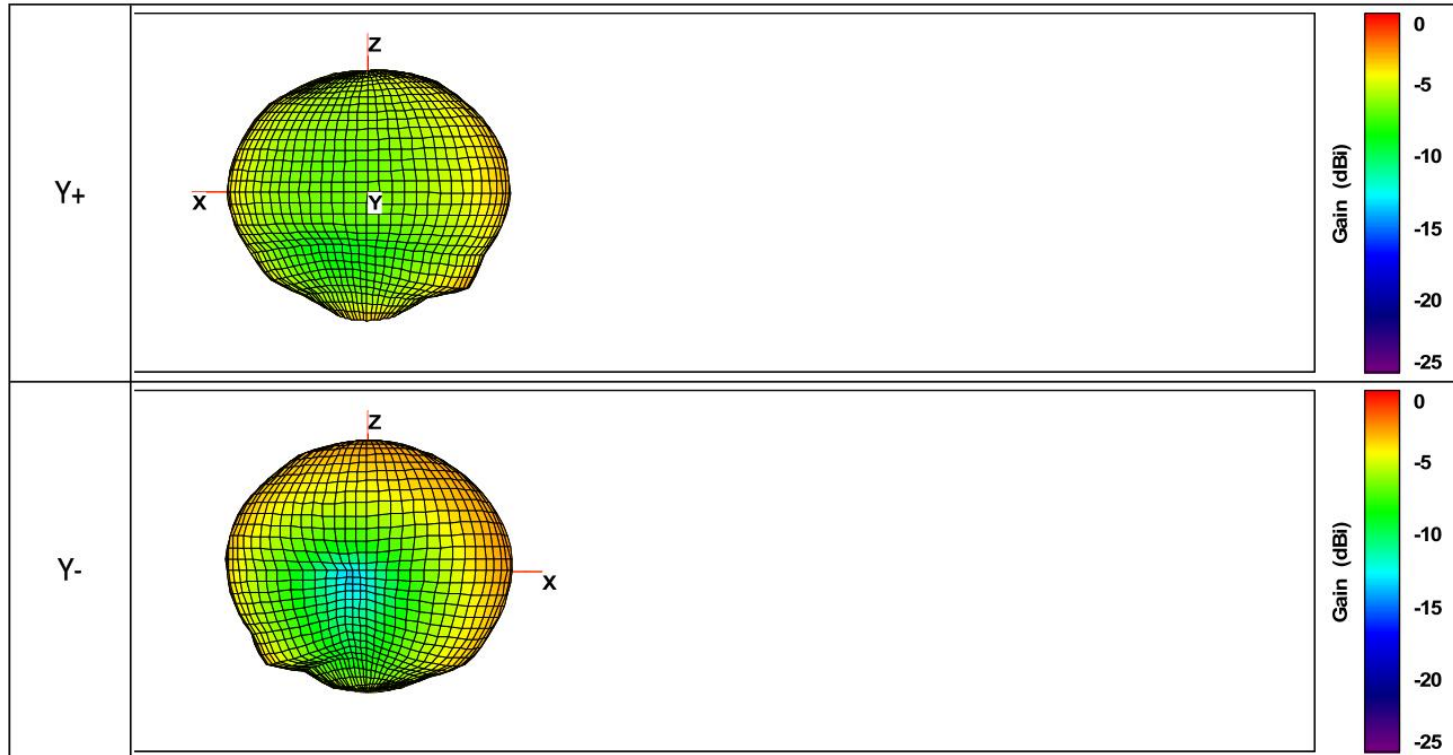
2. Test Pattern



PCB Antenna Simulation (Radiation)



PCB Antenna Simulation (Radiation)



PCB Antenna Simulation (Radiation)

