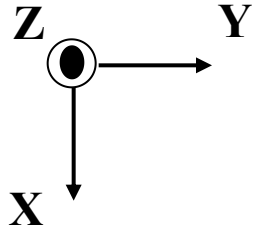


PCB Antenna Simulation

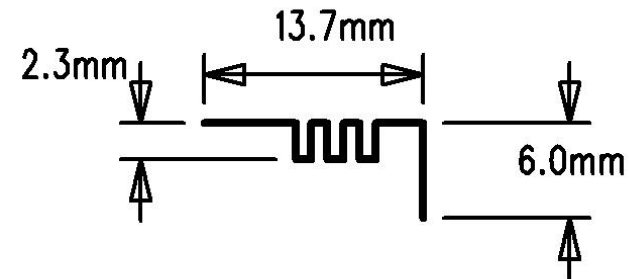
PCB Antenna pattern



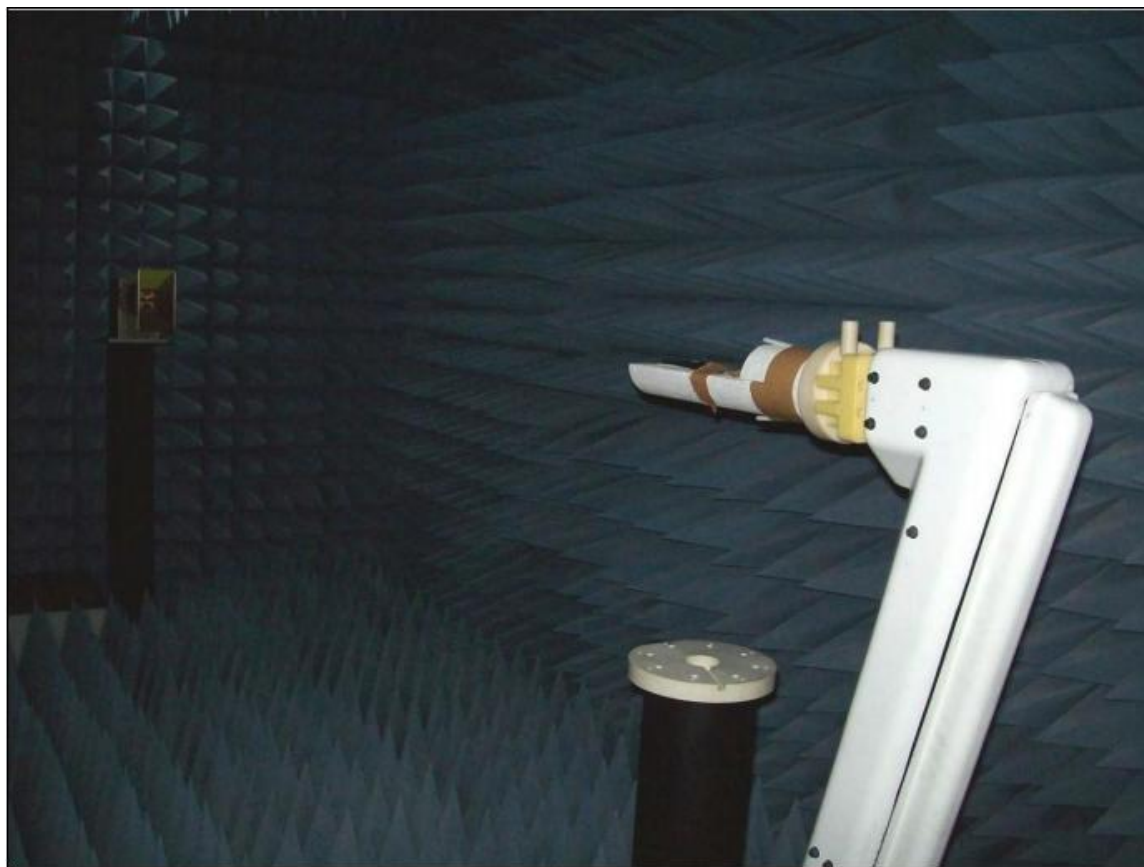
ITEM	SPE.
MAX.GAIN	2.67dBi
Polarization	Horizontal
Azimuth Beam Pattern	Omni-directional
Impedance	50Ω
Antenna Length	3.35CM
Ant-Type	PCB ANT
Manufacturer	GuangKun electronic ltd

Address

Dongguan City,
Guangdong Province,
P.R.China

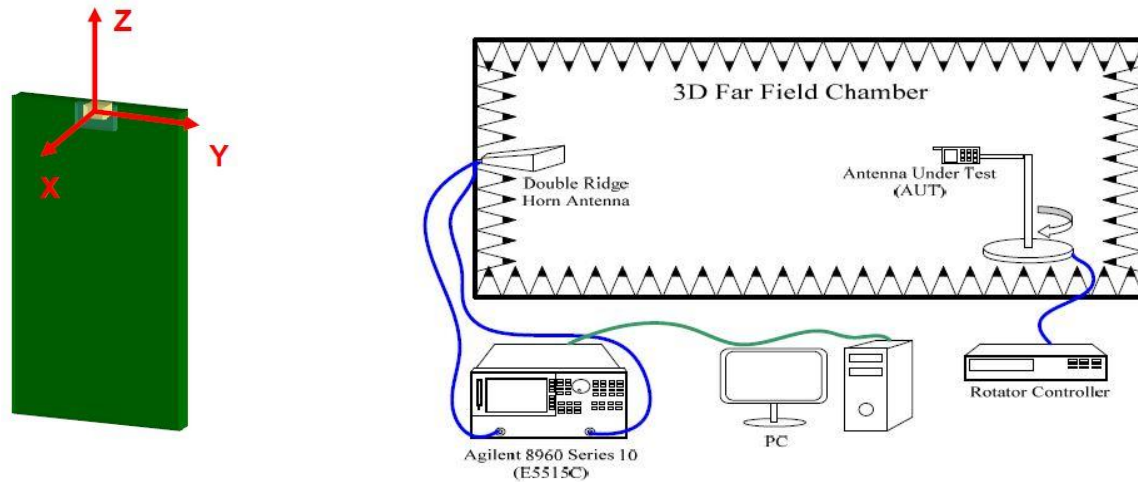


Testing ground



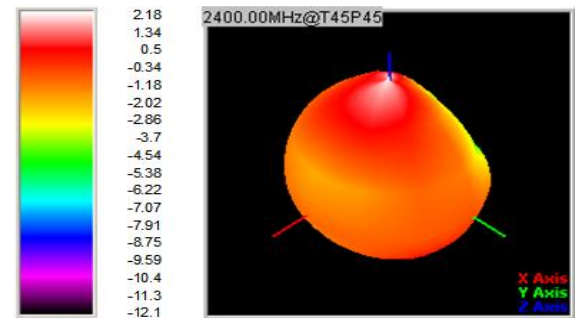
Radiation Pattern

- Radiation Pattern
- The Gain pattern is measured in FAR-field chamber. DUT is placed on the table of rotator, a standard horn antenna and Vector Network Analyzer Agilent 8960 is used to collect data.

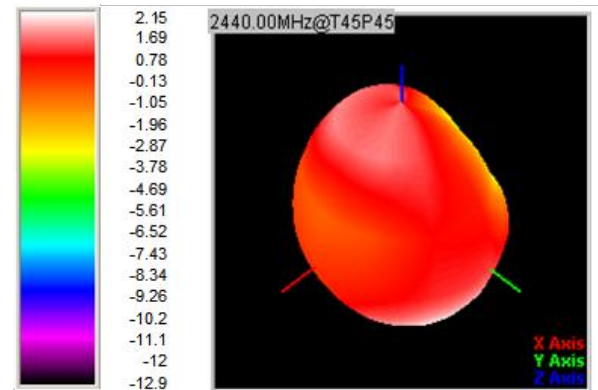


Pattern

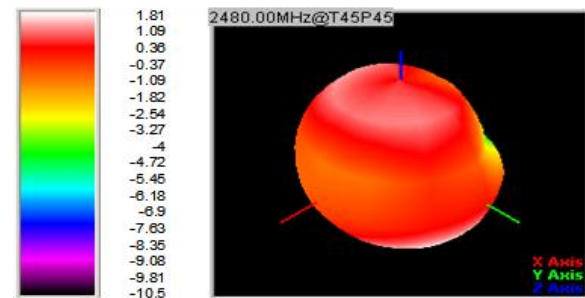
3D Gain Pattern (2400 MHz)



3D Gain Pattern (2440 MHz)

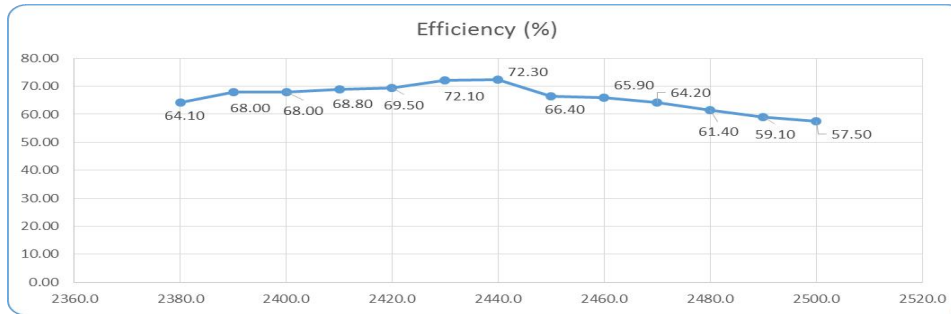


3D Gain Pattern (2480 MHz)

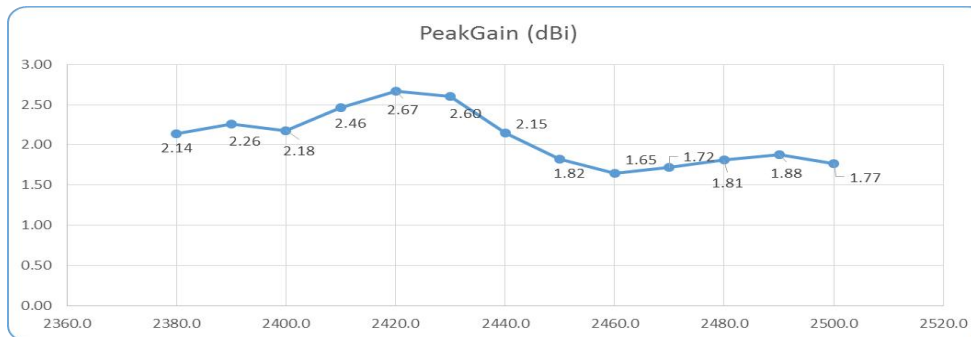


PCB Antenna Simulation

© efficiency



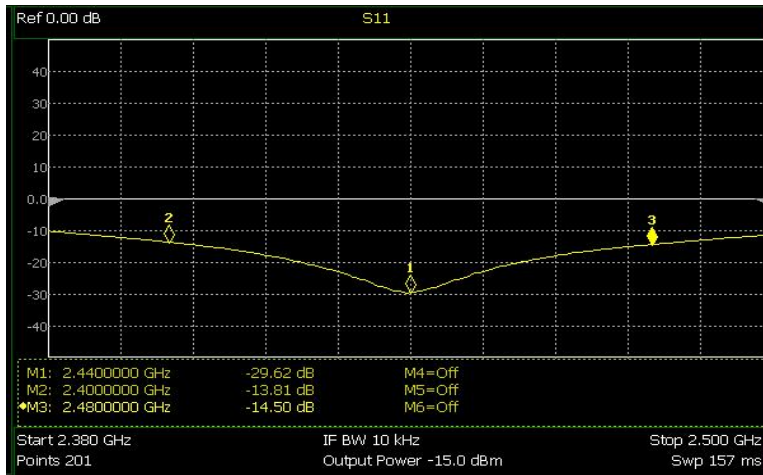
Gain



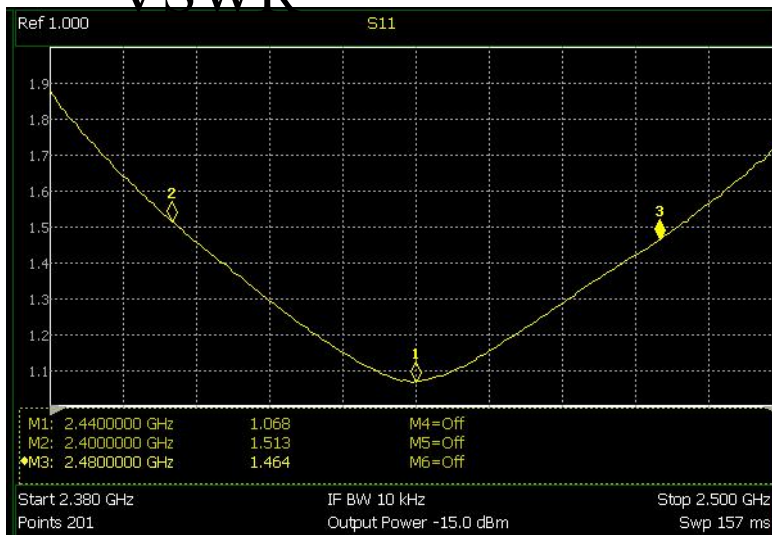
Frequency/MHz	2400	2420	2440	2460	2480	2500
Efficiency/%	68	69.5	72.3	65.9	61.4	57.5
Gain/dbi	2.18	2.67	2.15	1.65	1.81	1.77

Electrical Characteristics :

Return Loss



VSWR



Mark	Frequency	VSWR
1	2400MHz	1.513
2	2440MHz	1.068
3	2480 MHz	1.464