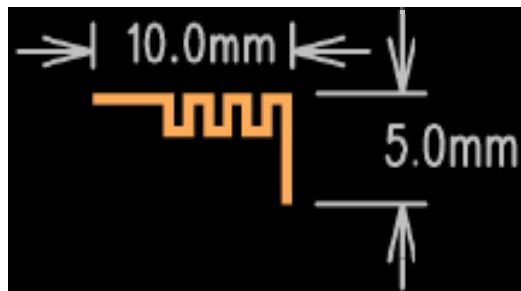


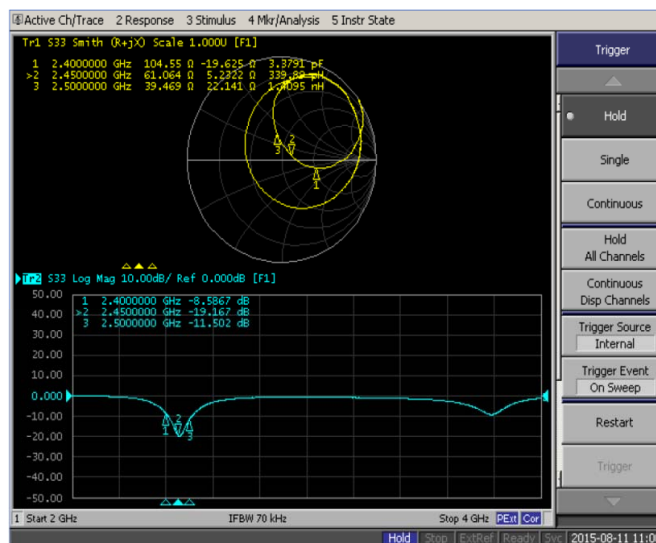
SPECIFICATION

Manufacturer	GUANGDONG TAKSTAR ELECTRONIC CO., LTD.
Antenna Type	PCB Antenna
Antenna Model	WPM-500
Antenna Part Number	9.01.13010.00283
Central Frequency	2450MHz
Band Width	100 MHz typ.
Antenna Peak Gain	4.82dBi
V.S.W.R (in BW)	≤ 2.0
Polarization	Linear
Azimuth Beam width	Omni-directional
Impedance	50 Ω
Antenna Dimension (LxHxW)	10.0X5.0X0.039mm

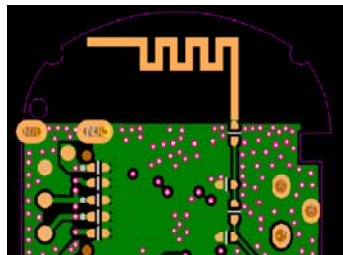
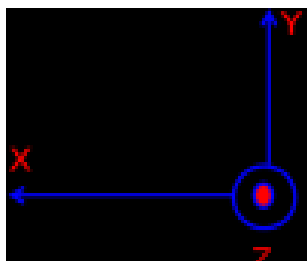
Antenna Photo



Characteristic curve

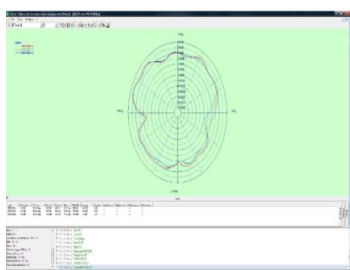


Radiation Pattern & Efficiency

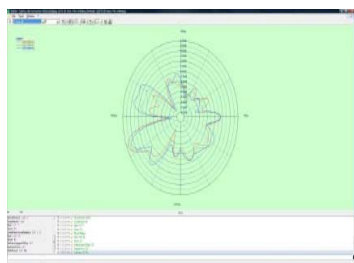


X-Z Plane

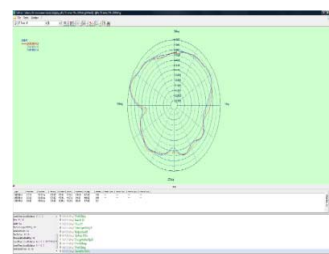
2400MHz



2450MHz

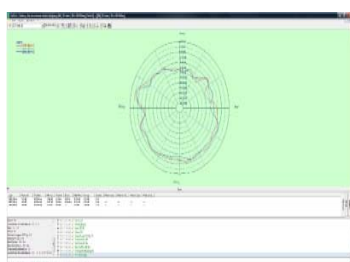


2500MHz

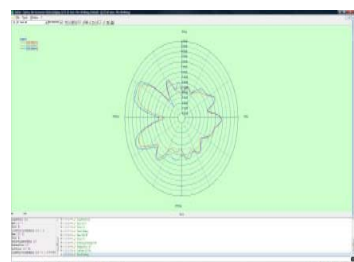


X-Y Plane

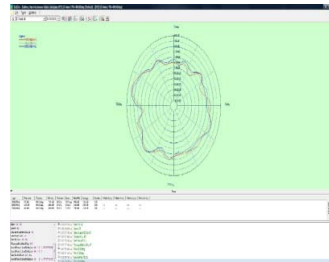
2400MHz



2450MHz

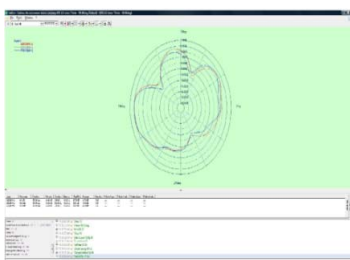


2500MHz

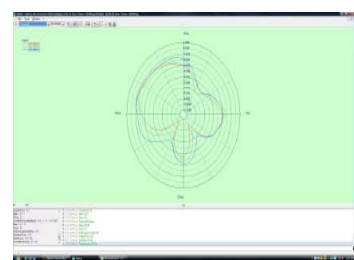


Y-Z Plane

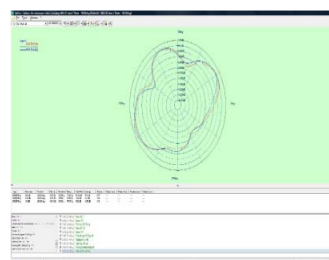
2400MHz



2450MHz

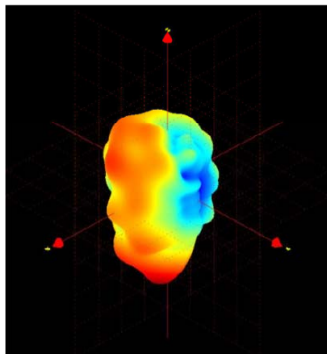


2500MHz

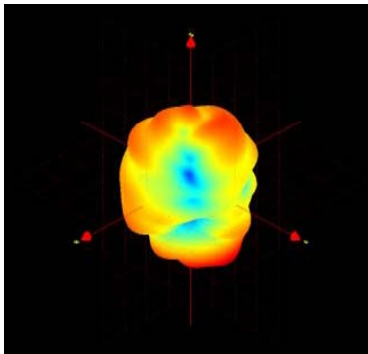


3D Radiation Pattern

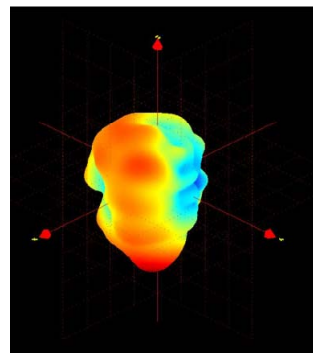
2400MHz



2450MHz



2500MHz



Frequency (MHz)	2400	2450	2500
Avg. Gain(dBi)	-1.56	-1.28	-1.15
Peck Gain(dBi)	4.8	4.82	3.86
Efficiency (%)	71	72	74