

Antenna Sheet Data

product picture:

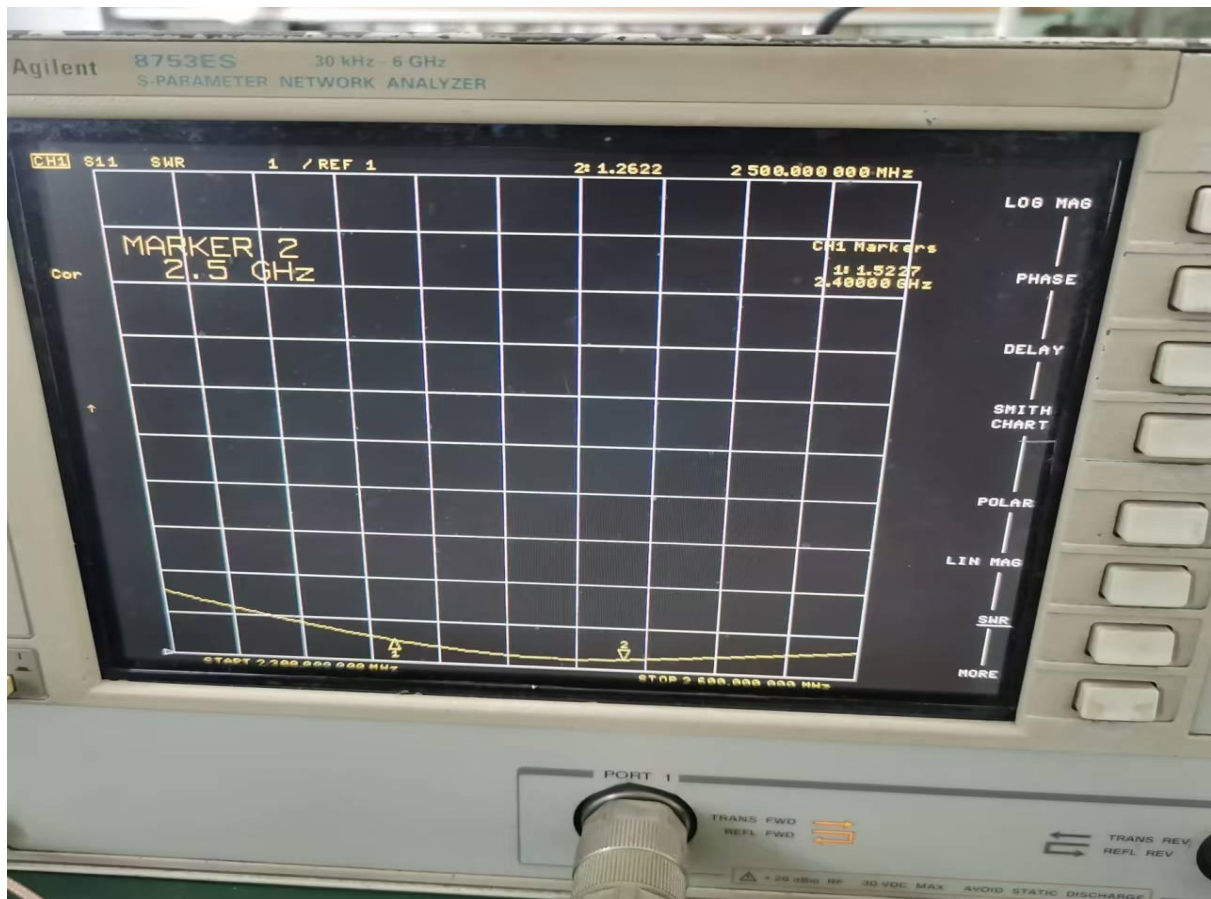


Model	WIFI Antenna
Frequency Range	2400-2500MHz
VSWR	< 2
Input Impedance	50 Ω
Gain	2 dBi
Polarization	Vertical Polarization
Radiation Pattern	Omnidirectional
Cable Type, Length/Material	RF1.13 Cable, Length 40 (Unit: mm, default)
Input Connector	IPEX Gen 1 (U.FL/MHF1)
Antenna Dimension	$\Phi 10 \times 95$ mm (Diameter 10mm $\times$ Length 95mm)
Operating Temperature	-20 $^{\circ}$ C ~80 $^{\circ}$ C

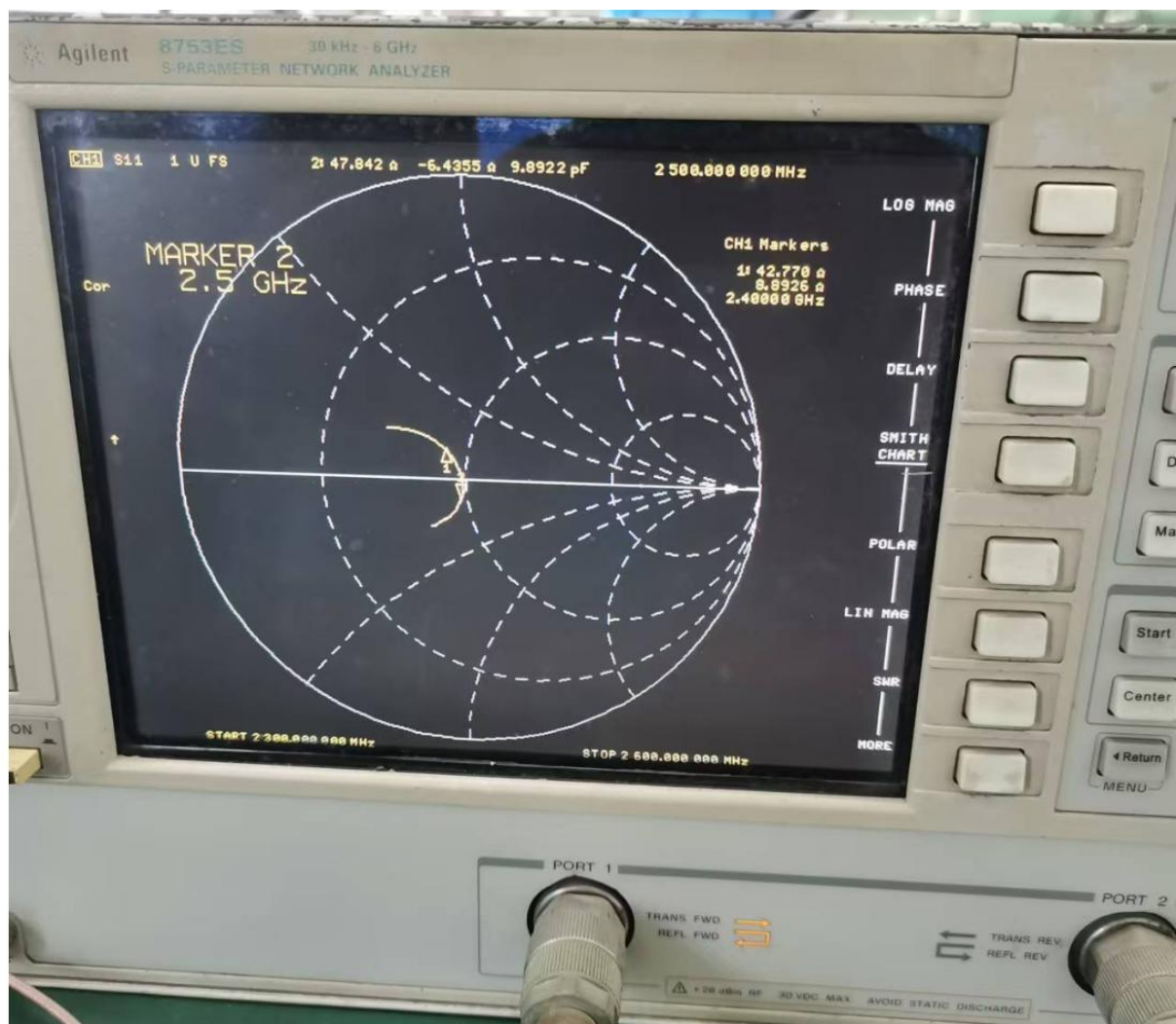
Manufacturer:Ausek Limited

Address:No.4 Building, Jianjin Business Park, Donghuan second Road,
Longhua District.Shenzhen, China

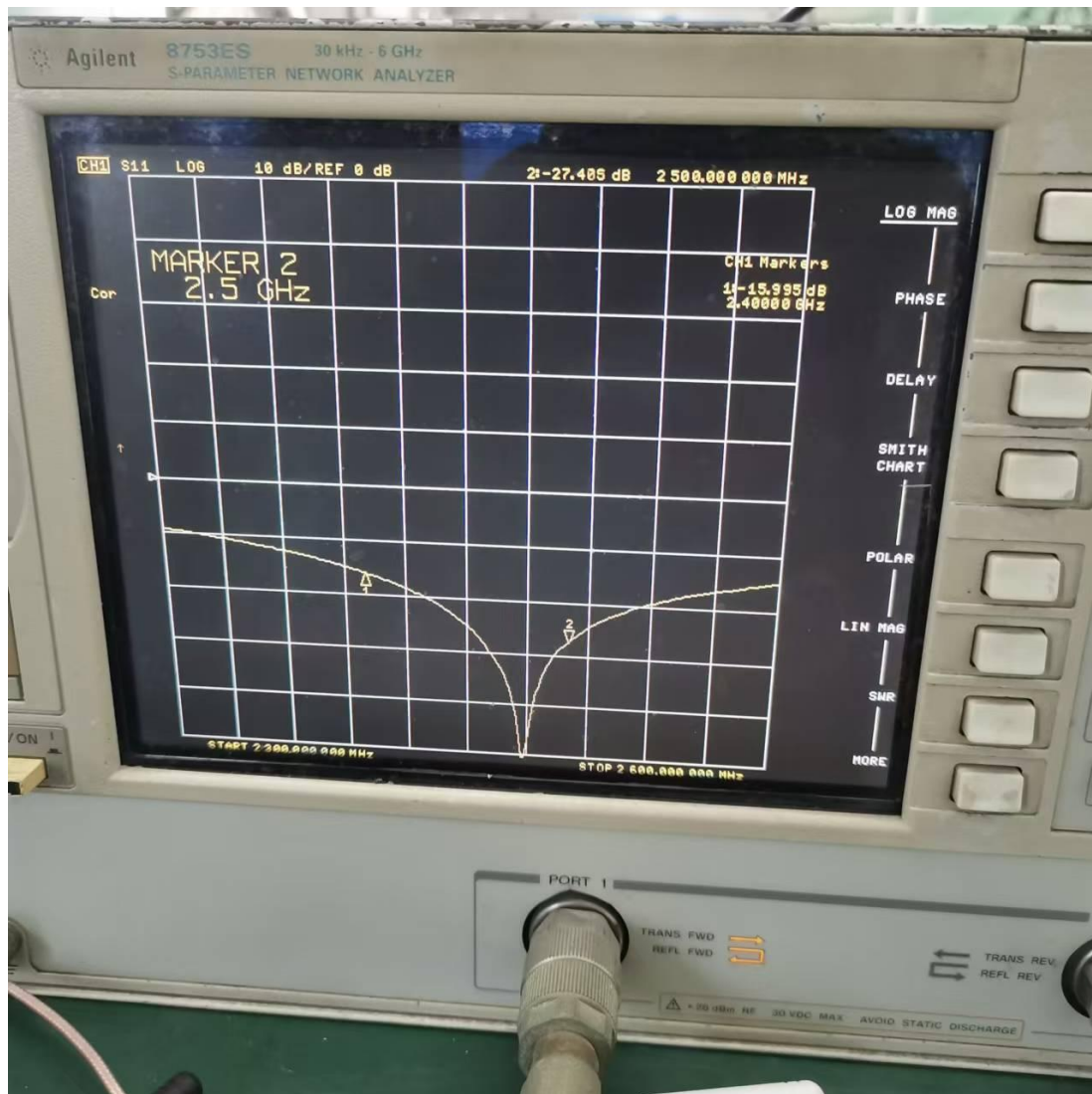
Standing wave diagram:



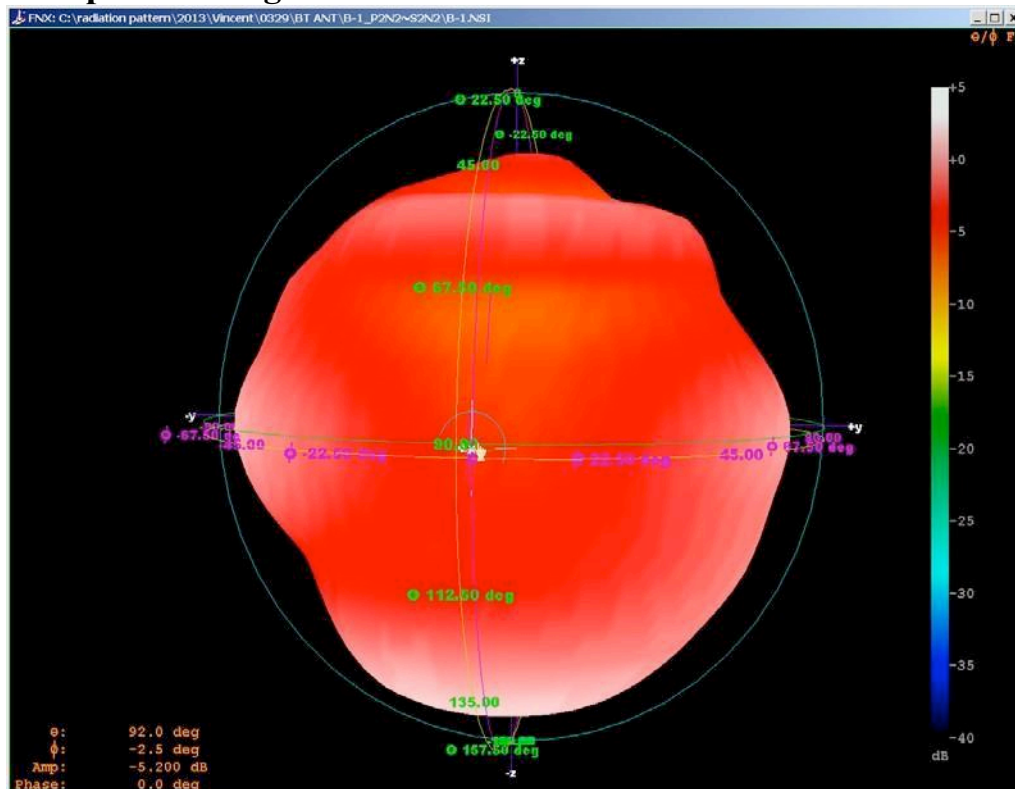
rhogram:



Return loss graph:

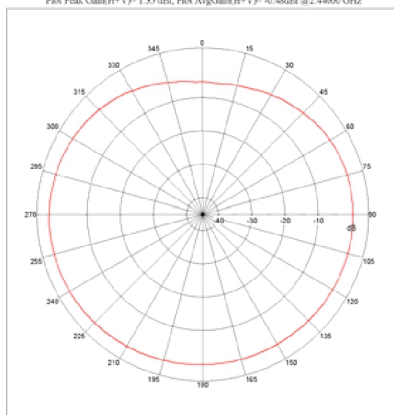


3D radiation pattern diagram



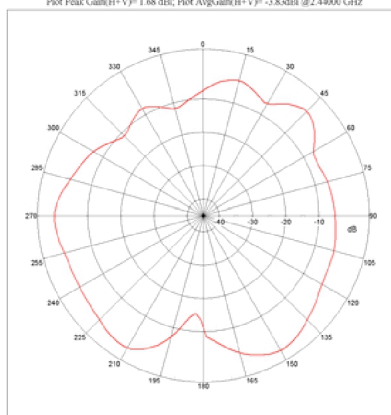
XY-plane

Far-field Power Distribution(H+V) on X-Y Plane
Plot Peak Gain(H+V)= 1.35 dB; Plot AvgGain(H+V)= -0.83dB @2.44000 GHz



XZ-plane

Far-field Power Distribution(H+V) on X-Z Plane
Plot Peak Gain(H+V)= 1.68 dB; Plot AvgGain(H+V)= -3.83dB @2.44000 GHz



YZ-plane

Far-field Power Distribution(H+V) on Y-Z Plane
Plot Peak Gain(H+V)= 1.11 dB; Plot AvgGain(H+V)= -2.99dB @2.44000 GHz

