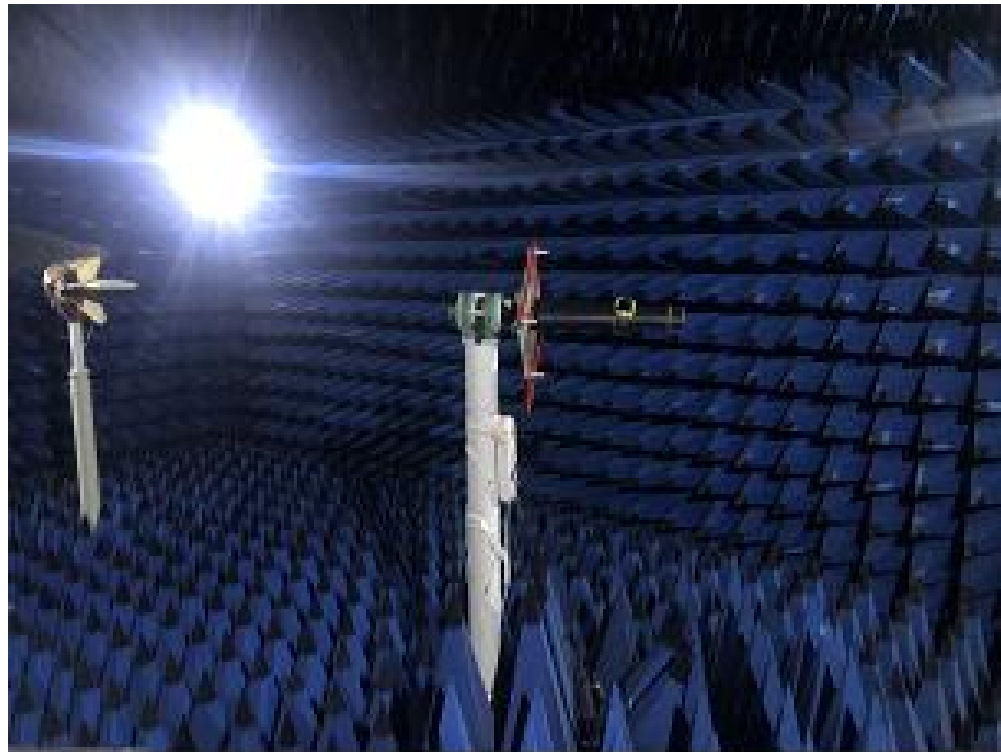


Antenna Specifications

Manufacture	Yusheng Communications-equipment Co., LTD
Address	Room 411, Building 2, Nantai Yunchuang Valley, Southeast of the Intersection of Guangming Avenue and Dongchang Road, Tangwei Community, Fenghuang Street, Guangming District, Shenzhen, China
Antenna Type	PCB Antenna
Antenna Model	2.4GHz ANT
Frequency Range	2400 – 2500 MHz
VSWR	≤ 1.92
Impedance	50 ohms
Radiation	Omni-directional
Gain (Peak)	0.95 dBi

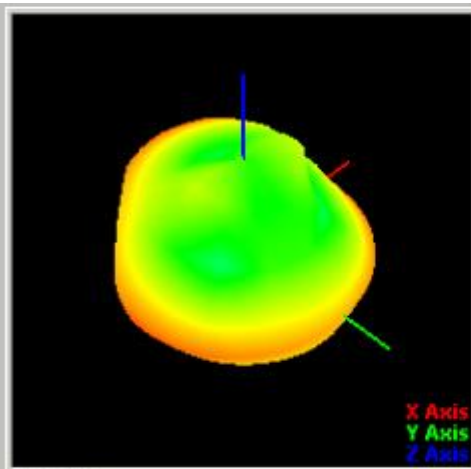
Testing Environment



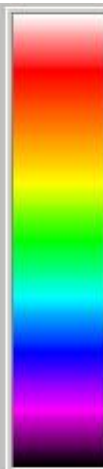
Bluetooth Antenna

Freq (Mhz)	Effi (%)	Gain (dbi)
2400MHZ	26.8	0.65
2410MHZ	27.9	0.49
2420MHZ	29.6	0.57
2430MHZ	30.4	0.77
2440MHZ	32.6	0.69
2450MHZ	33.4	0.85
2460MHZ	35.1	0.95
2470MHZ	32.1	0.58
2480MHZ	30.2	0.65
2490MHZ	29.8	0.49
2500MHZ	28.4	0.54

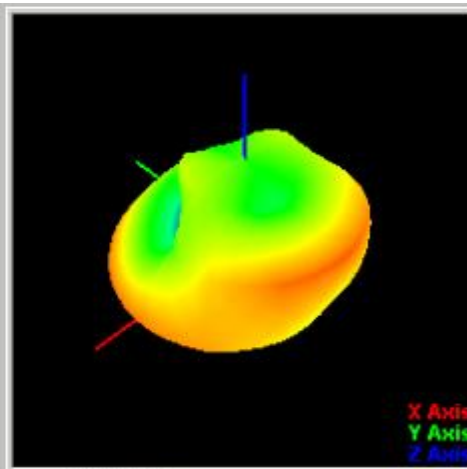
Bluetooth Antenna



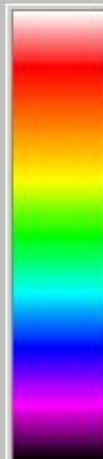
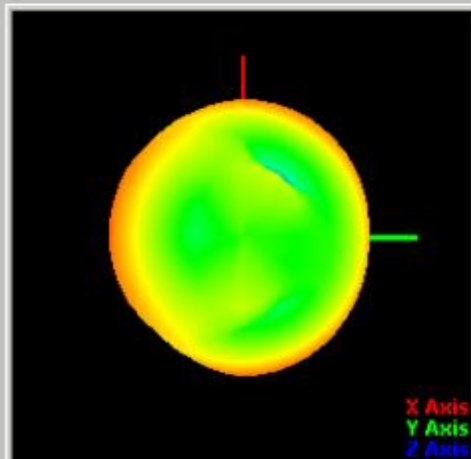
T45-P45



0.8
 -2.99
 -6.79
 -10.58
 -14.37
 -18.16
 -21.95
 -25.75
 -29.54
 -33.33
 -37.12
 -40.91
 -44.7
 -48.5
 -52.29
 -56.08
 -59.87
 -63.66



T45-P225



0.8
 -2.99
 -6.79
 -10.58
 -14.37
 -18.16
 -21.95
 -25.75
 -29.54
 -33.33
 -37.12
 -40.91
 -44.7
 -48.5
 -52.29
 -56.08
 -59.87
 -63.66

Coordination System Description:

Line Col XYZ Theta-Phi
 Red L. Axis X Theta90-Phi0
 Green L. Axis Y Theta90-Phi90
 Blue L. Axis Z Theta0

Antenna Dimension

