

1. Antenna specifications

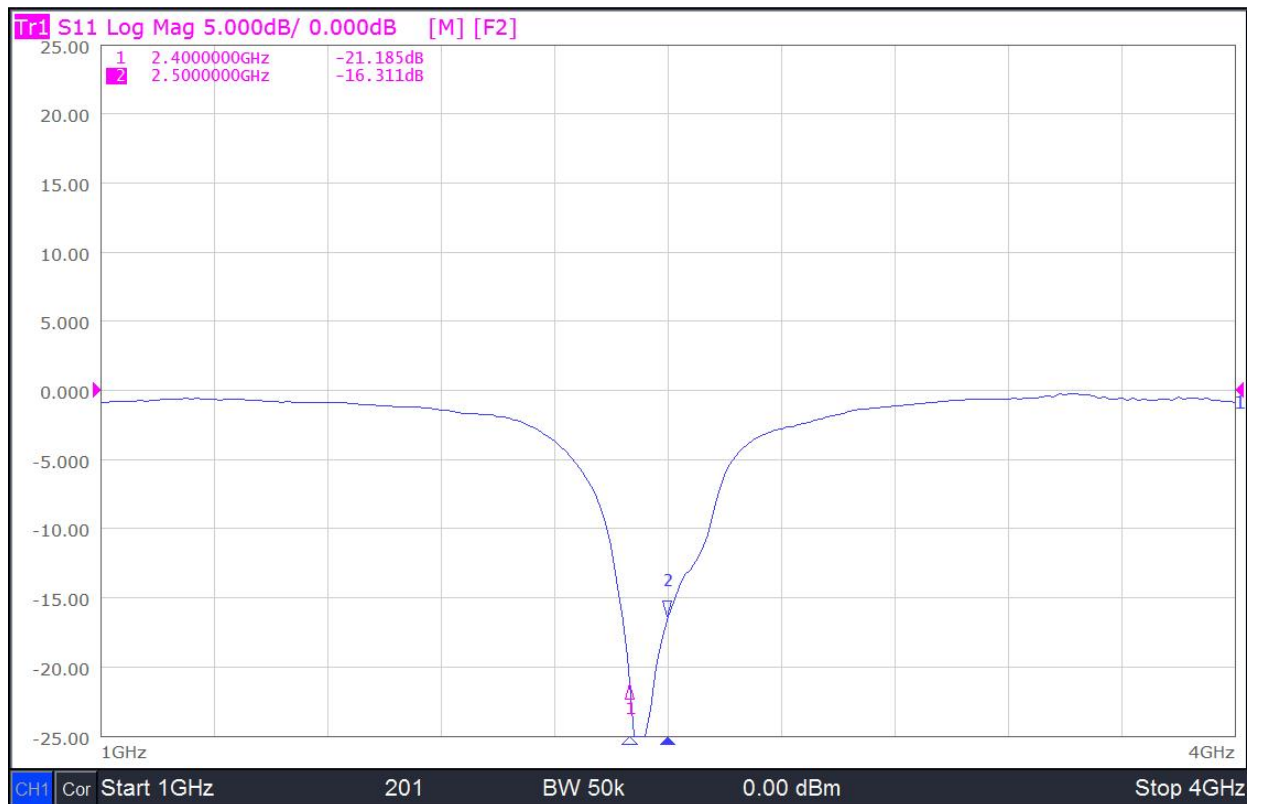
Antenna Type	ANT-2.4G Antenna
Connector	Kangshuo IV Connector
Cable Type	OD 0.81 RF LL Cable
Impedance	50Ω
Polarization	Linear
Radiation pattern	Omni-directional
Frequency	2400MHz~2500MHz
VSWR	3.0 Max
Antenna manufacturer	INNOWAVE
Address	Building H, Jintu Zhizao Garden, No. 55 Shengchuang Road, Yushan Town, Kunshan City, Jiangsu Province
Antenna type	PIFA

2. Antenna photo



3. Return loss

The connection of the testing device in sequence is E5071B network analyzer→50 ohm coaxial Cable→Test fixture

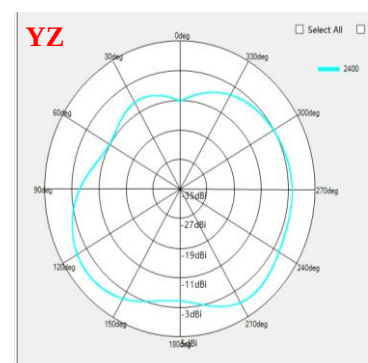
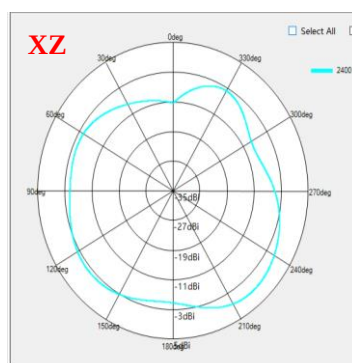
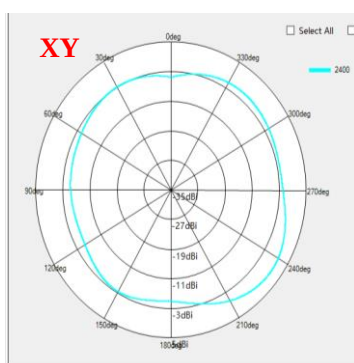
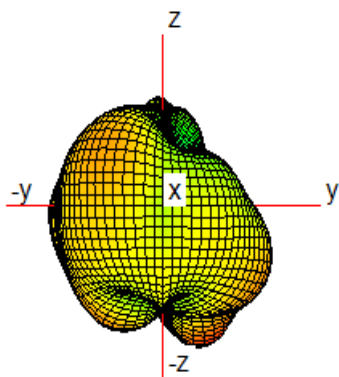


4. Antenna efficiency

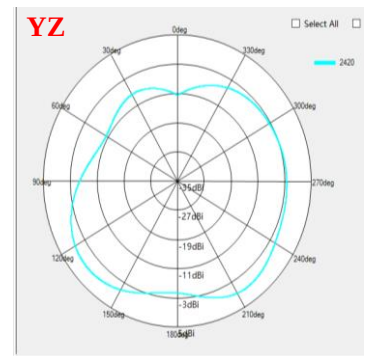
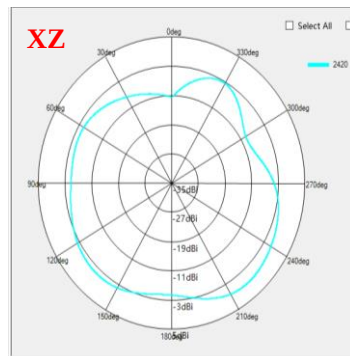
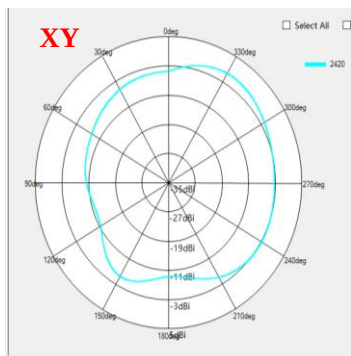
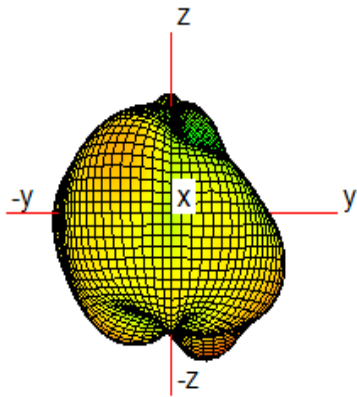
ANT-2.4G Antenna			
Frequency (MHz)		Efficiency (dB)	Peak Gain (dB)
2.4G Band	2400	-2.71	2.75
	2420	-2.63	2.92
	2450	-2.84	2.53
	2480	-2.96	2.09
	2500	-3.14	1.80

5. Radiation characteristics of antenna

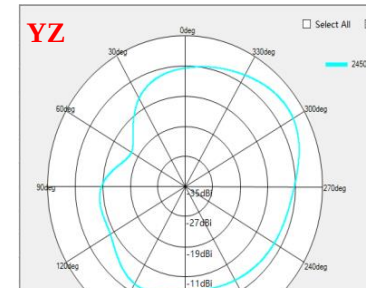
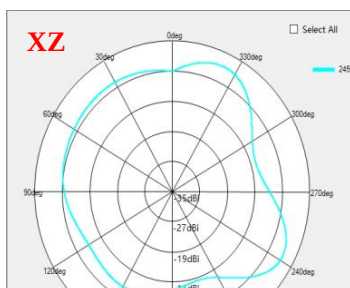
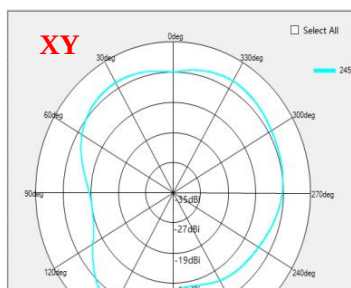
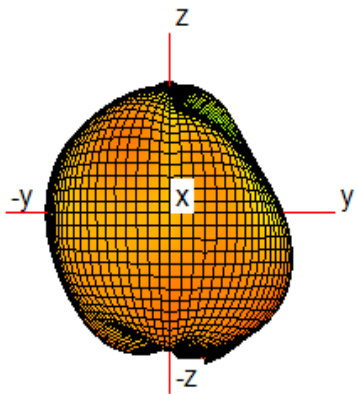
2400MHz



2420MHz (Peak Gain)



2450MHz



2500MHz

