

# ANTENNA REPORT



**Antenna Type:**2.4G external monopole antenna, translucent skin, total length of 35mm, one end stripped 2.5mm soaked tin

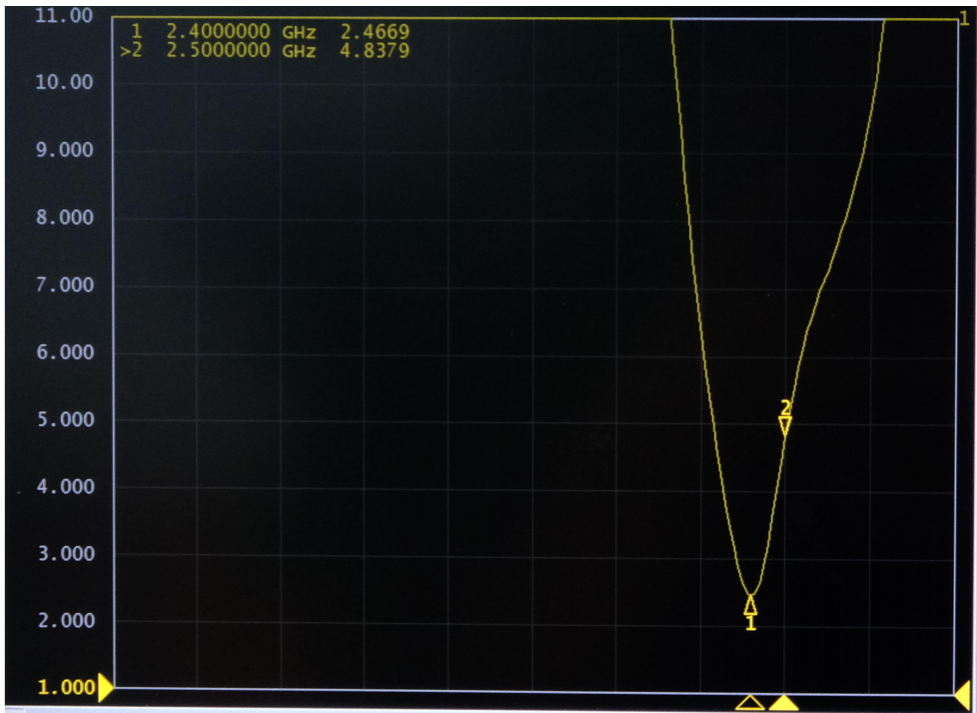
**Antenna manufacturer:**kunshan Innowave Communication Technology Co.,Ltd

# test report

S11 test chart



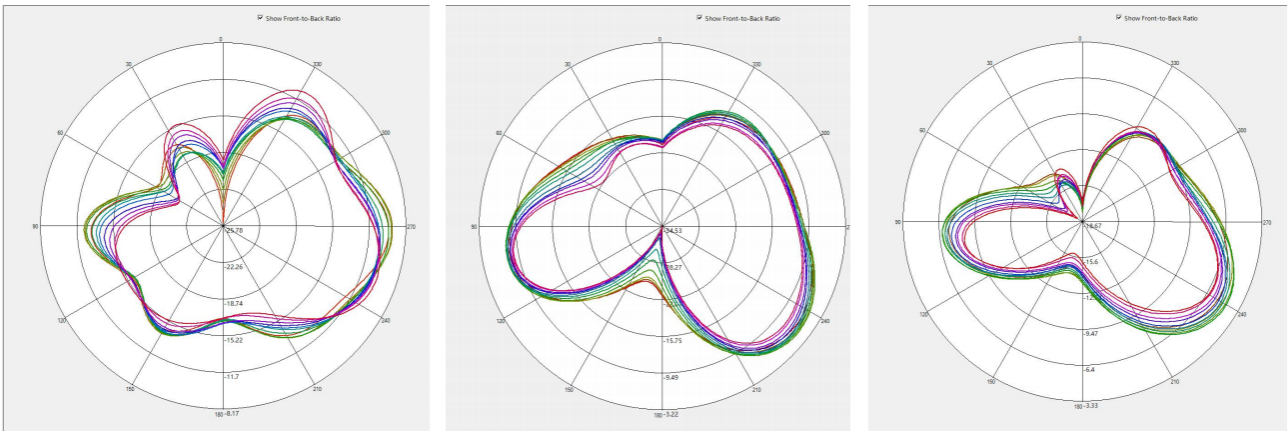
SWR test chart



## Passive test data

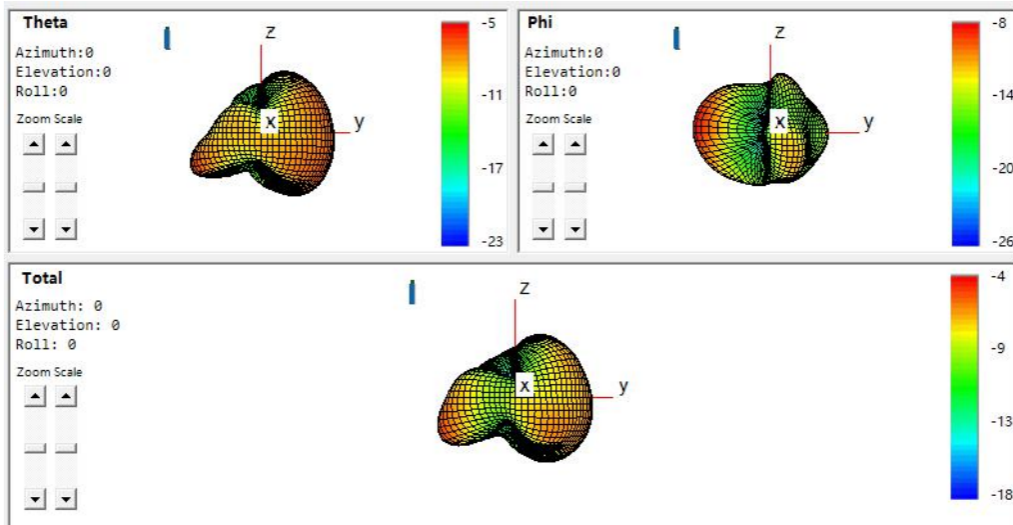
Frequency (MHz)	Efficiency (dB)	Efficiency (%)	Gain (dBi)
2400	-8.06	15.63	-4.41
2410	-7.79	16.64	-4.05
2420	-7.61	17.35	-3.72
2430	-7.56	17.56	-3.59
2440	-7.76	16.74	-3.79
2450	-7.91	16.18	-3.91
2460	-8.1	15.49	-4.09
2470	-8.47	14.24	-4.51
2480	-8.58	13.86	-4.66
2490	-8.93	12.78	-5.03
2500	-9.08	12.35	-5.16

## 2D Directional pattern

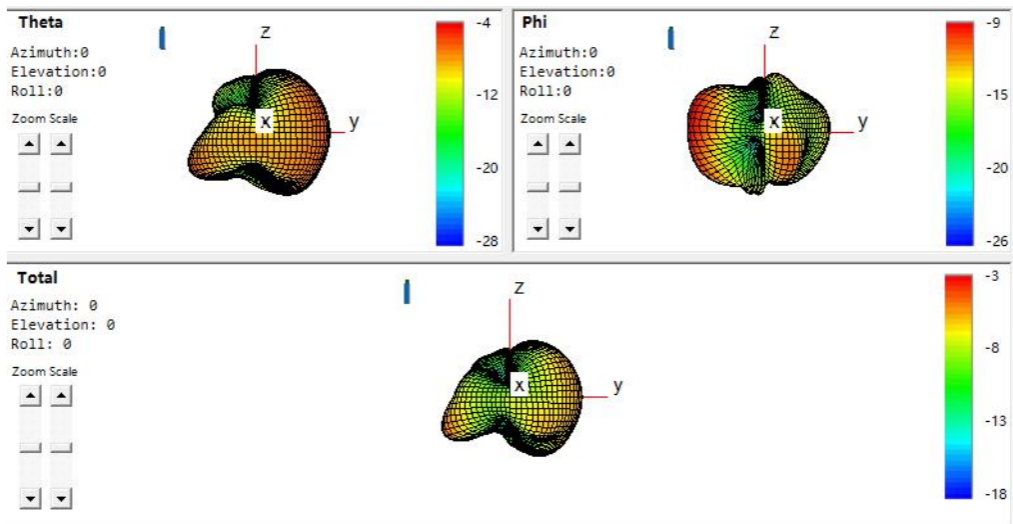


# 3D Directional pattern

## 2400MHz:



## 2450MHz:



## 2500MHz:

