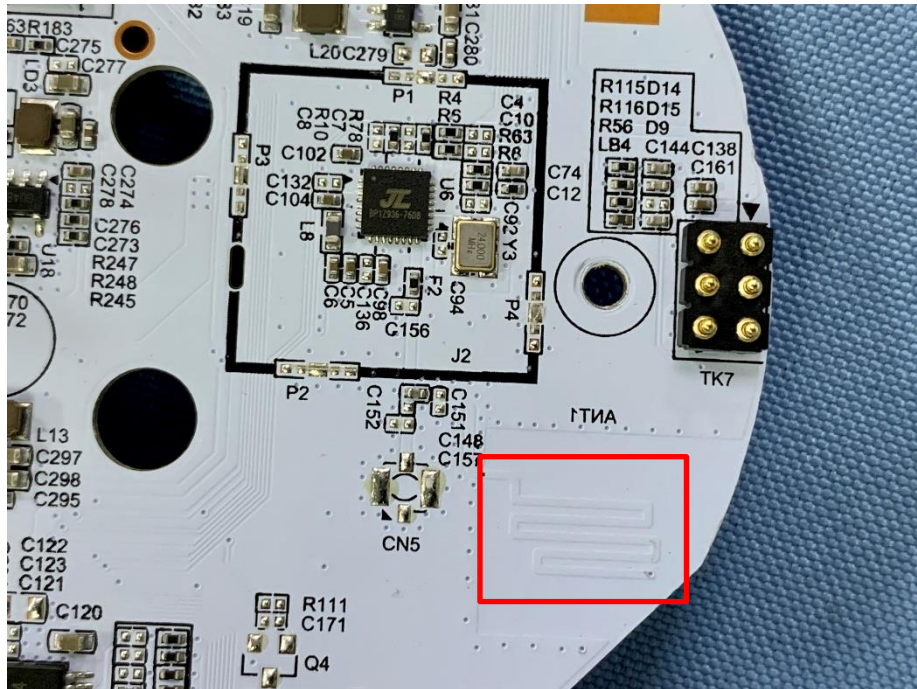


Antenna Specification

1. Antenna Describe

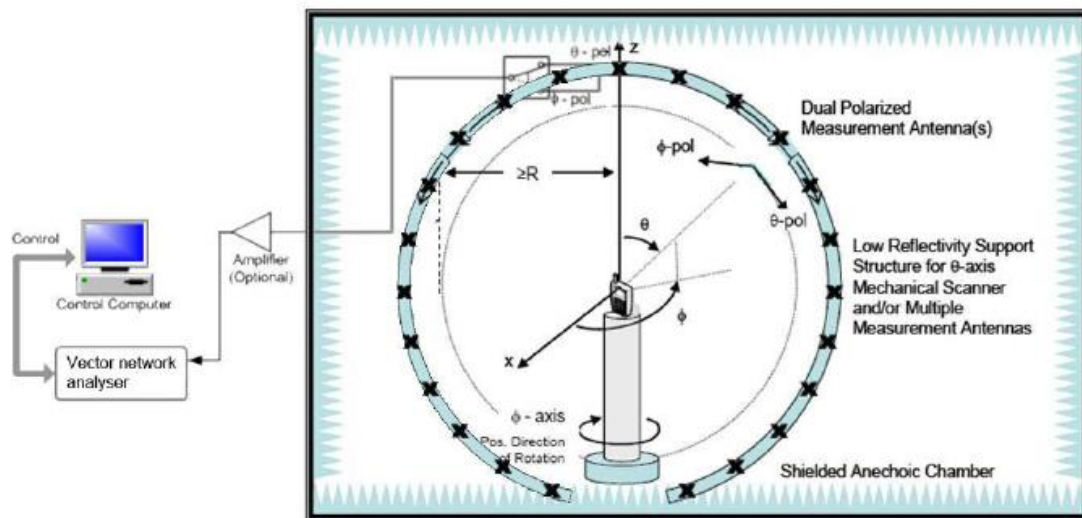
Antenna Manufacturer	Shenzhen KTC Commercial Display Technology Co.,LTD.
Address	No.4023,Northern Wuhe Road,Bantian Street, Longgang District,Shenzhen City,Guangdong Province,P.R
Antenna Model	HM-5U
Antenna Type	PCB Antenna
Antenna Gain	1.72dBi Max
Frequency Rang	2400-2480MHz
VSWR	≤ 2
Input Impedance	50 Ω

2. External View Drawing

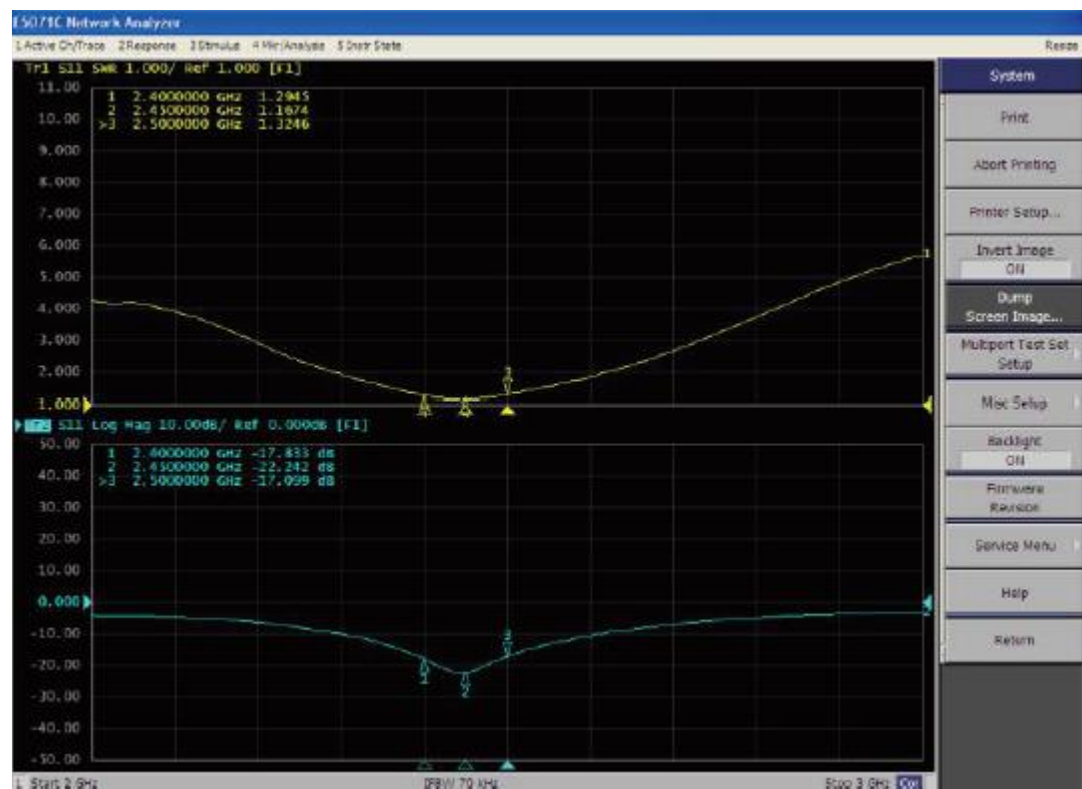


3. Measurement Result

3.1 Test Setup



3.2 S11 Parameter

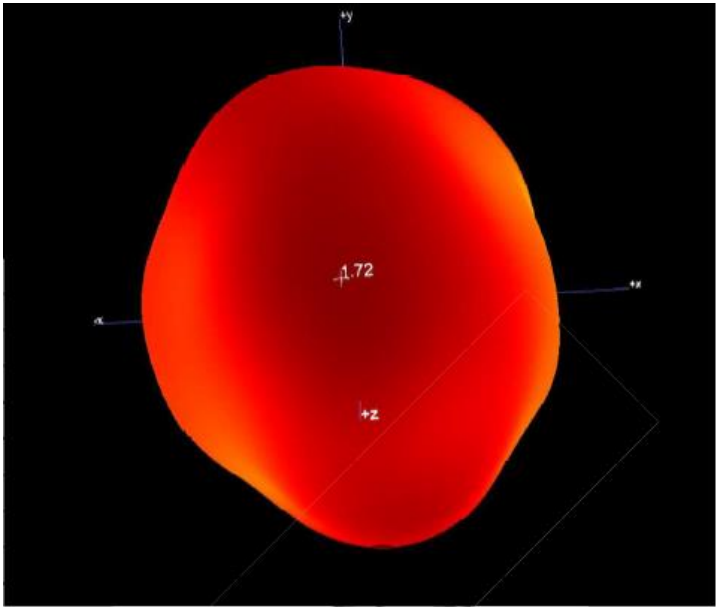


3.3 Antenna test data

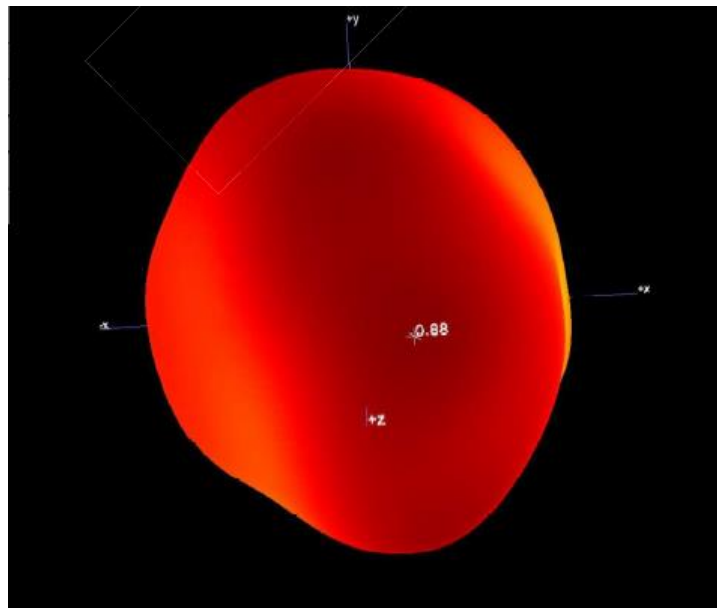
Frequency (MHz)	Gain (dBi)	Efficiency (%)
2400	1.72	47
2410	1.51	47
2420	1.13	45
2430	0.85	45
2440	0.88	46
2450	1.18	47
2460	1.03	46
2470	1.03	46
2480	0.83	47

3.4 Antenna test diagram

3D Pattern 2400MHz



3D Pattern 2440MHz



3D Pattern 2480MHz

