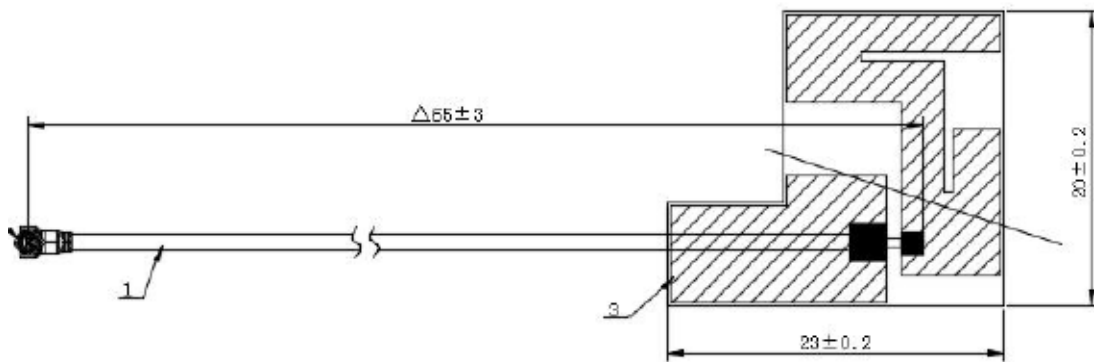


Antenna Specification

1. Antenna Describe

Antenna Manufacturer	ShenZhen Tongxun Precision Technology Co., Ltd
Address	No.52, Xikeng Road, Xikeng community, Fucheng Street, Longhua District, 518110 Shenzhen city, Guangdong Province, China
Antenna Model	KC.IA.00249
Antenna Type	FPC Antenna
Antenna Gain	2.4G: 3.27dBi Max
Frequency Rang	2400-2500MHz
VSWR	≤ 2
Input Impedance	$50\ \Omega$

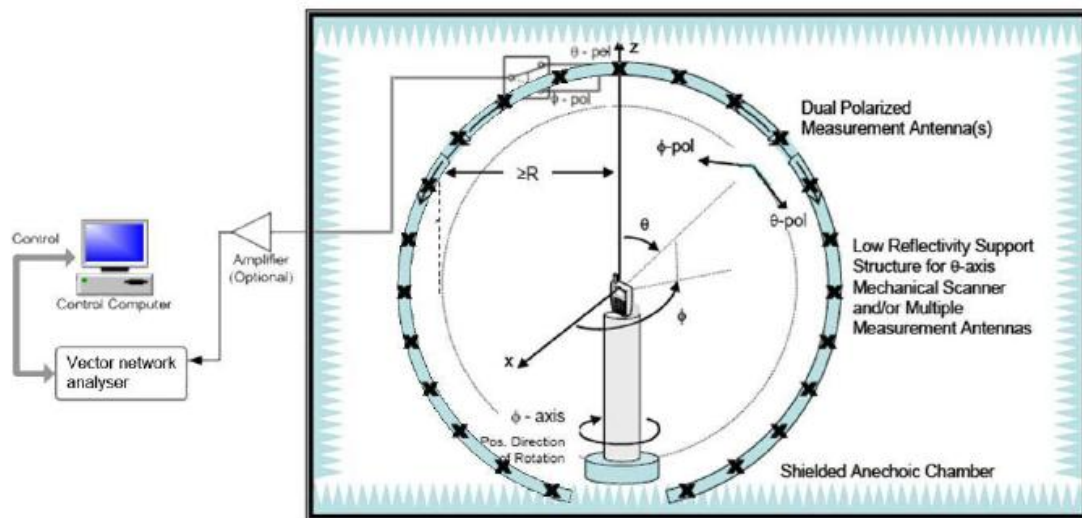
2. External View Drawing



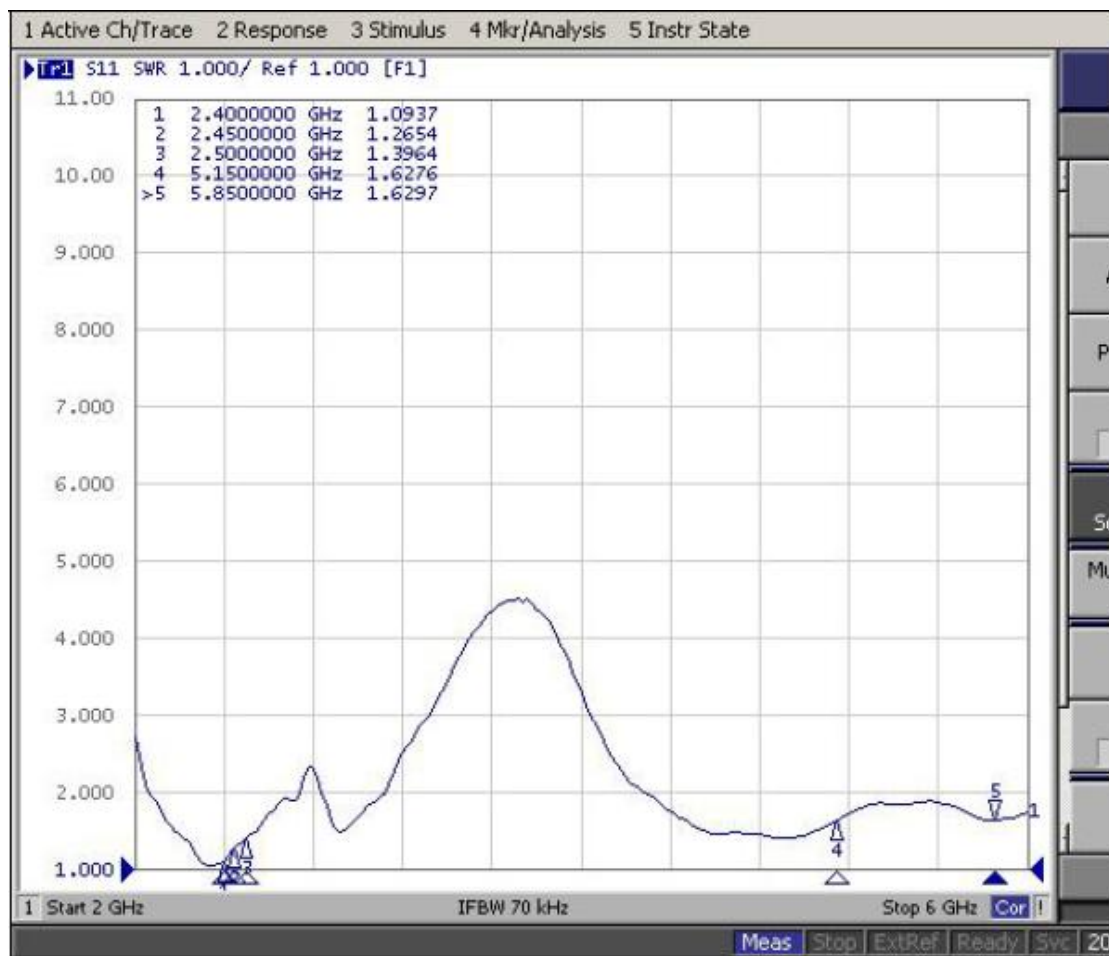
Unit: mm

3. Measurement Result

3.1 Test Setup



3.2 S11 Parameter



3.3 Antenna test data

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	63.91	-1.94	2.33
2410	76.94	-1.14	3.27
2420	58.41	-2.34	2.35
2430	60.63	-2.17	2.41
2440	60.17	-2.21	3.18
2450	51.3	-2.9	1.91
2460	56.44	-2.48	2.63
2470	54.04	-2.67	2.11
2480	55.25	-2.58	2.68
2490	50.94	-2.93	2.22
2500	59.68	-2.24	2.92

3.4 Antenna test diagram

