

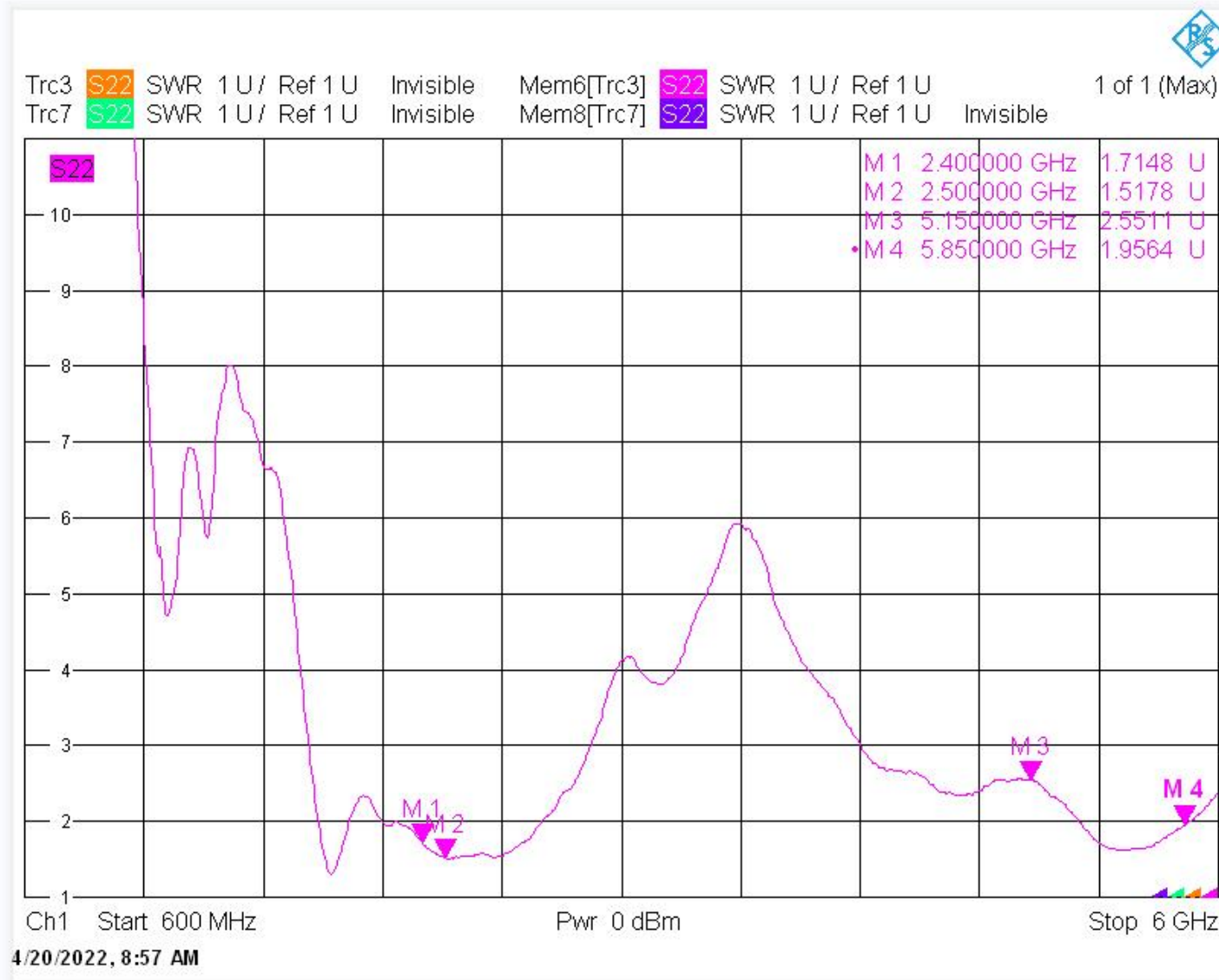
Antenna specification

Shenzhen Xtooltech Intelligent Co., Ltd

SPECIFICATIONS	
Frequency(MHz)	2400-2800
Peak Gain(dBi)	2.66dBi(Max.)
Average Gain(dBi)	> -2.5
VSWR(MHz)	$< 2.5:1$
Impenance(Ω)	50
Antenna Type	Flexible Planar Inverted F (FlexPIFA)
Polarization	Linear

2.2 FLAT SURFACE ANTENNA MEASUREMENTS

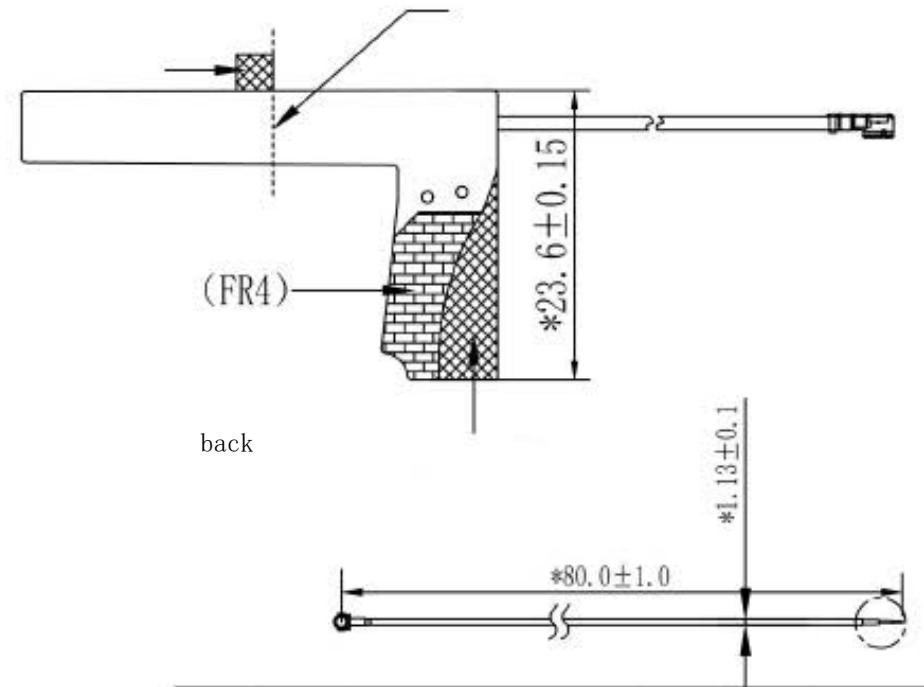
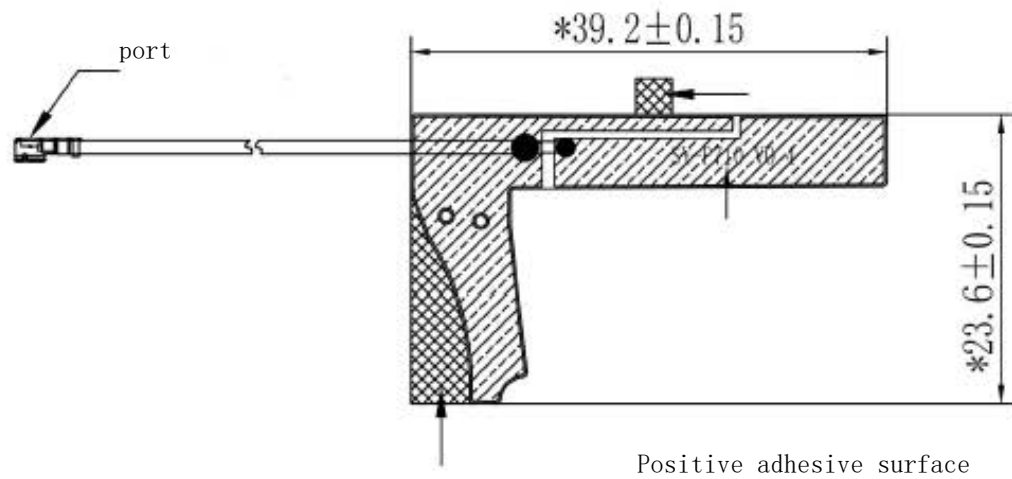
Return Loss



2.3 Dimensions



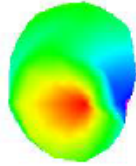
Black ink silk-screen bright white characters



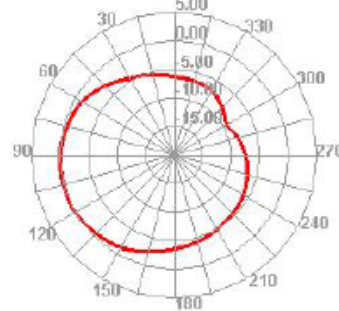
3.1 2.4GHz Band Test Data

Freq (MHz)	Eff1 (%)	Gain (dB1)
2400	60.8	2.5
2450	60.89	2.66
2500	56.96	1.72

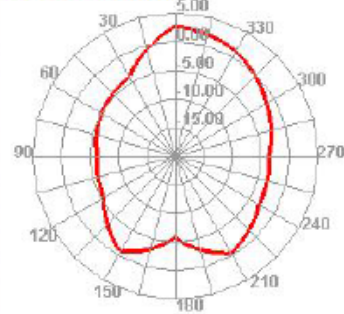
2450.000MHz



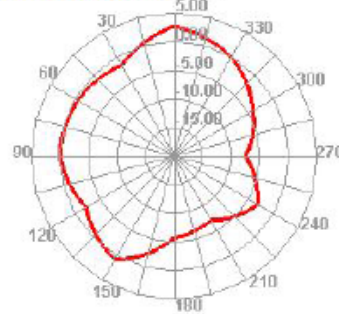
2450.000MHz H



2450.000MHz E1



2450.000MHz E2



Band	Channel	TRP	TIS
B	L	13.71	-85.45
	M	13.16	-85.32
	H	12.7	-83.02
G	L	12.74	-72.6
	M	13.3	-70.19
	H	12.73	-70.95
N	L	11.79	-67.7
	M	12.08	-67.86
	H	11.26	-68.58

antenna position

