

Testing Report

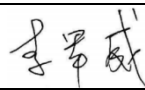
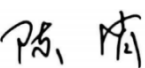
Customer Name: SHENZHEN SHIXINZHONGXIN TECHNOLOGY.CO.,LTD

Product Name: BT Antenna

Sample Model:H19

Reference Standard: *GB/T9410-2008; ANSI/IEEE Std 149-1979*

Issue Date: 2023.02.02

Engineer:		Date:2023.02.02
Auditor:		Date:2023.02.02
Approver:		Date:2023.02.02



1.3 Test equipment

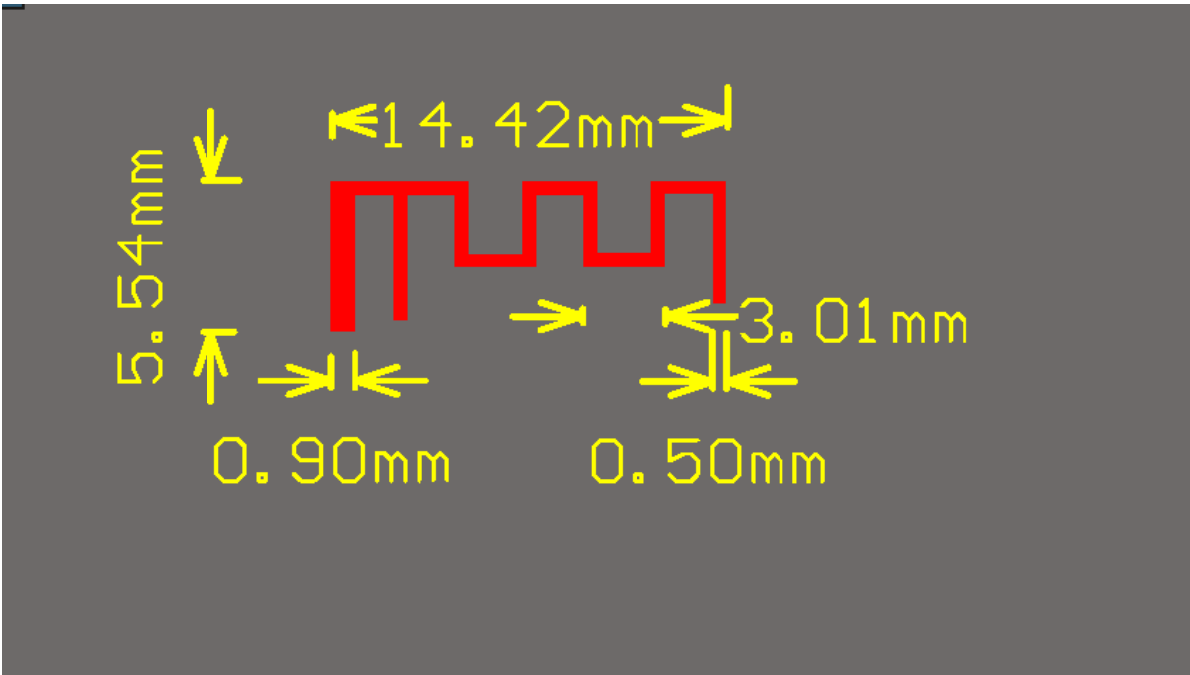
Equipment	Model No.	Serial No.	Manufacturer	Calibration date	Next calibration date
24 probe microwave chamber	4*3*3	NA	FEITU	2022.12.29	2023.03.31
Network Analyzer	5071C	NA	Agilent	2022.12.29	2023.03.31

1.4 Test environment

Temperature	24°C ± 1.5°C
Humidity	45%RH
Pressure	101kPa

1.5

1.6 Antenna Photo &Lenght(mm)



2. Sample Information

2.1 Client information

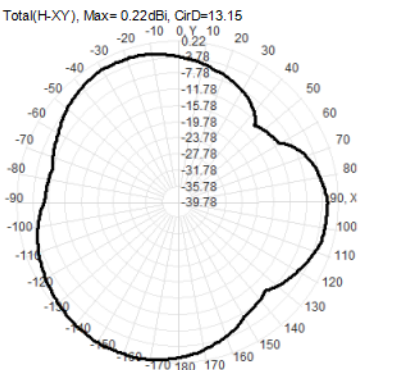
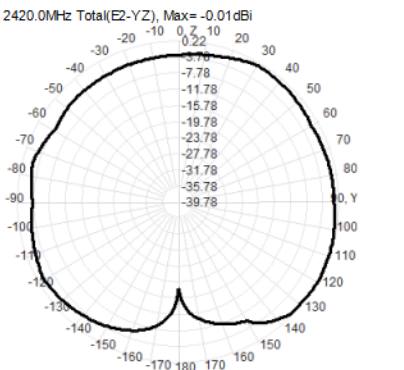
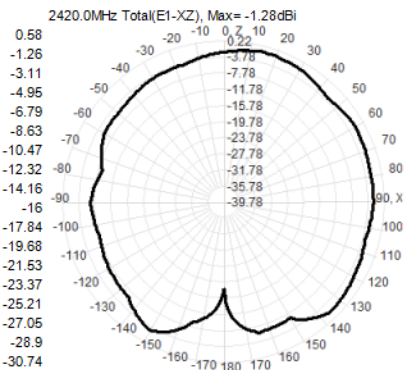
Name	SHENZHEN SHI XIN ZHONG XIN TECHNOLOGY CO., LTD
Address	A1, ShajingDonghuan Industrial Zone, Bao 'an District, Shenzhen
Contacts	Ma Chao
Tel	18218809918
E-mail	machao@c-chip.com.cn

2.2 Description of EUT(S)

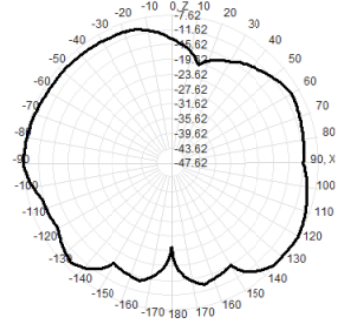
Product Name	BT Antenna
Sample Model	F-6991A
Antenna Size	4.6*10.4mm
Antenna Type	PCB antenna
Serial No.	/
Test Item	Antenna Gain,Radiation pattern
Frequency Range	2400-2500MHz
Received Date	2023.02.02
Test Date	2023.02.02
Remark	The length of the RF cable is 50mm

Test data

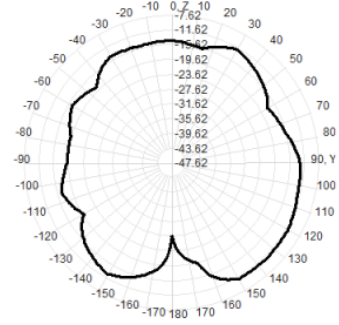
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Gain (dBi)	-7.62	-7.64	-8.16	-8.59	-8.27	-9.21	-8.94	-9.21	-8.77	-8.87	-8.86



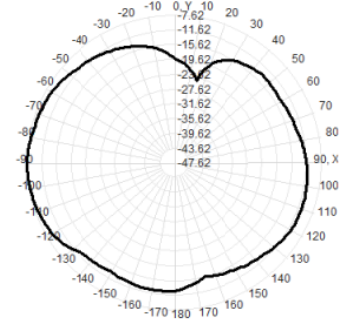
2400.0MHz Total(E1-XZ), Max=-7.62dBi



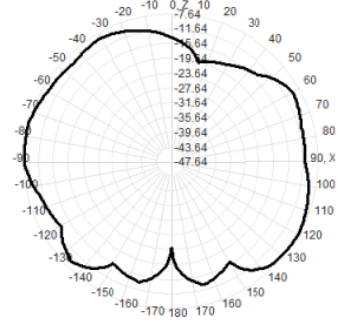
2400.0MHz Total(E2-YZ), Max=-11.29dBi



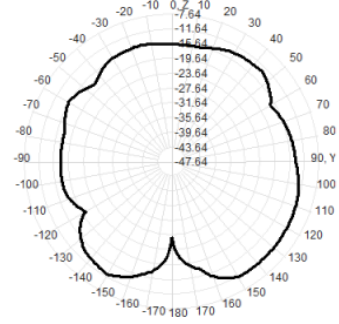
Total(H-XY), Max=-7.62dBi, CirD=17.06



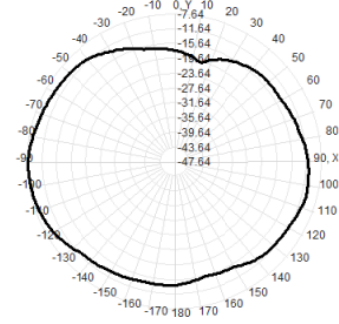
2410.0MHz Total(E1-XZ), Max=-7.64dBi



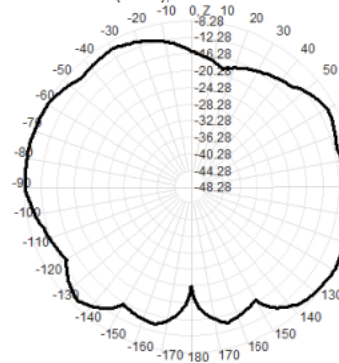
2410.0MHz Total(E2-YZ), Max=-11.62dBi



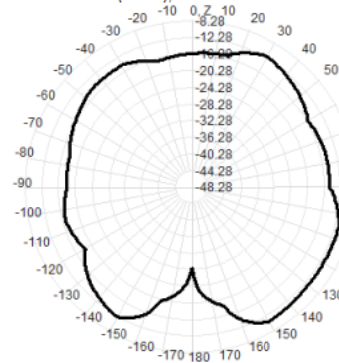
Total(H-XY), Max=-7.92dBi, CirD=12.13



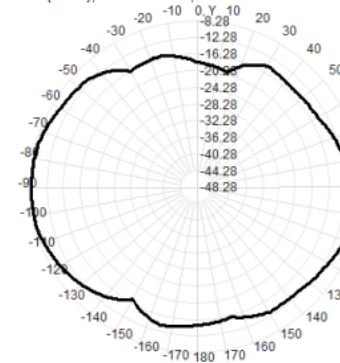
2420.0MHz Total(E1-XZ), Max=-8.28dBi



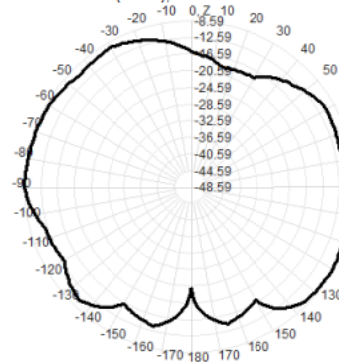
2420.0MHz Total(E2-YZ), Max=-11.03dBi



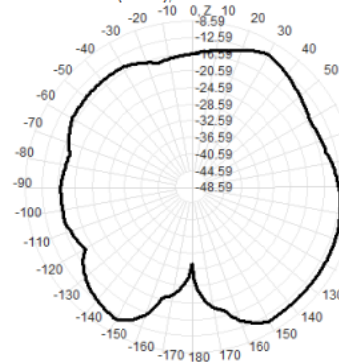
Total(H-XY), Max=-8.56dBi, CirD=11.19



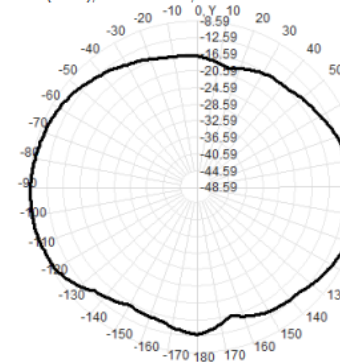
2430.0MHz Total(E1-XZ), Max=-8.69dBi



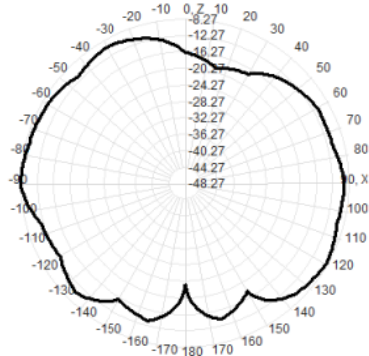
2430.0MHz Total(E2-YZ), Max=-11.40dBi



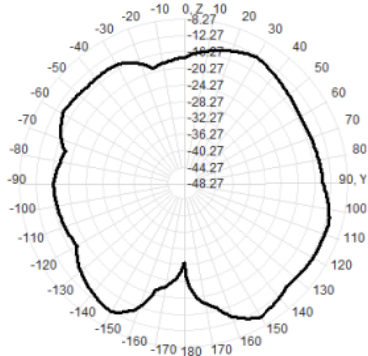
Total(H-XY), Max=-8.59dBi, CirD=10.47



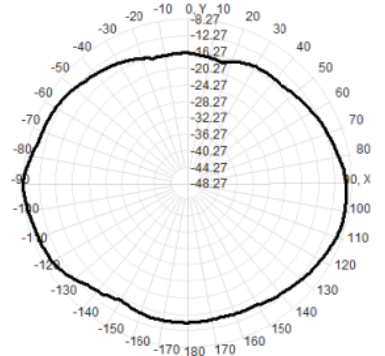
2440.0MHz Total(E1-XZ), Max=-8.27dBi



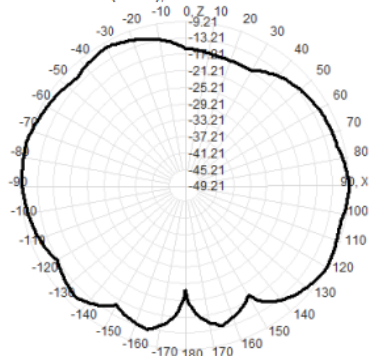
2440.0MHz Total(E2-YZ), Max=-10.88dBi



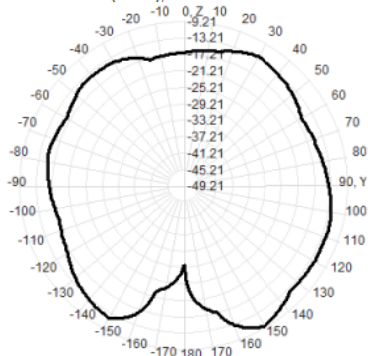
Total(H-XY), Max=-8.27dBi, CirD=9.34



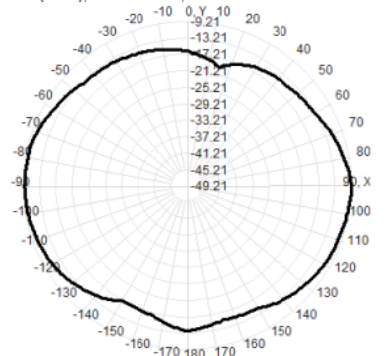
2450.0MHz Total(E1-XZ), Max=-9.21dBi



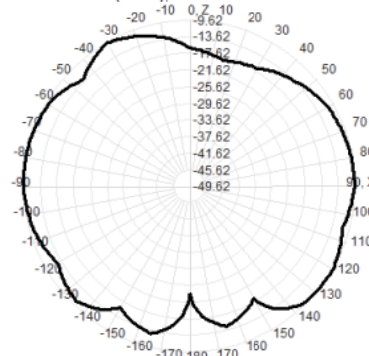
2450.0MHz Total(E2-YZ), Max=-9.88dBi



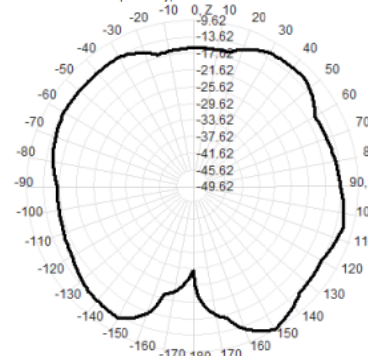
Total(H-XY), Max=-9.42dBi, CirD=9.90



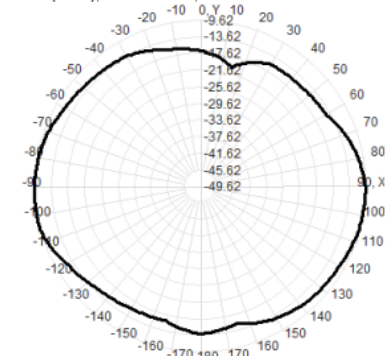
2460.0MHz Total(E1-XZ), Max=-9.62dBi



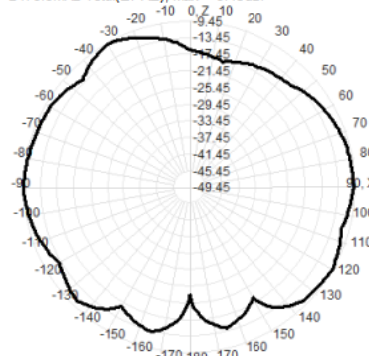
2460.0MHz Total(E2-YZ), Max=-10.06dBi



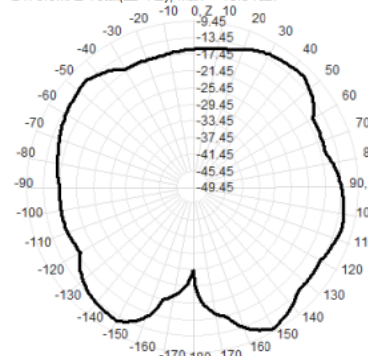
Total(H-XY), Max=-9.62dBi, CirD=10.35



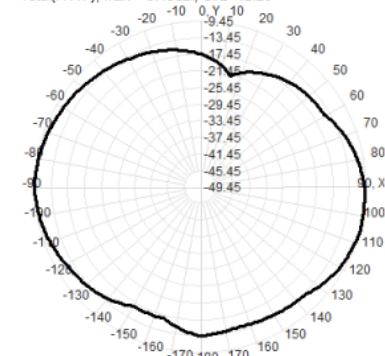
2470.0MHz Total(E1-XZ), Max=-9.45dBi



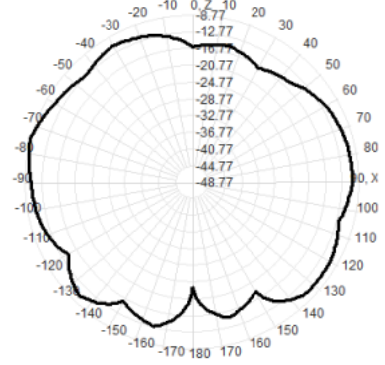
2470.0MHz Total(E2-YZ), Max=-10.34dBi



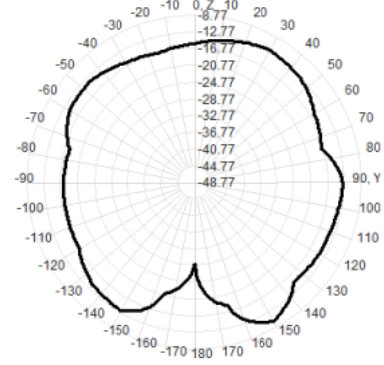
Total(H-XY), Max=-9.45dBi, CirD=12.28



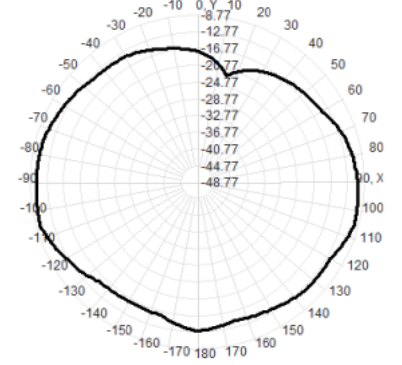
2480.0MHz Total(E1-XZ), Max=-8.77dBi



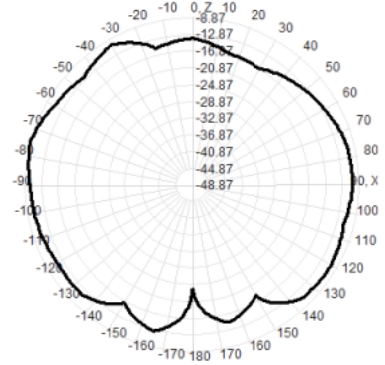
2480.0MHz Total(E2-YZ), Max=-10.63dBi



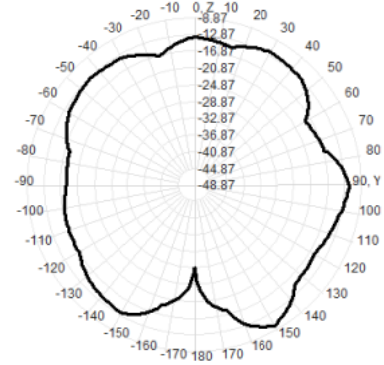
Total(H-XY), Max=-9.82dBi, CirD=12.69



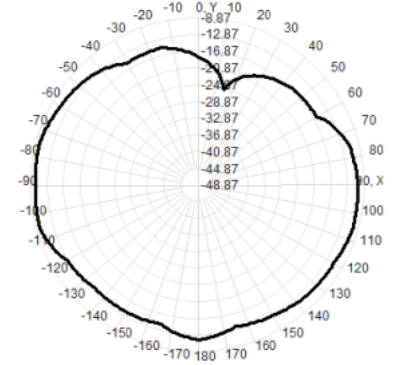
2490.0MHz Total(E1-XZ), Max=-8.87dBi



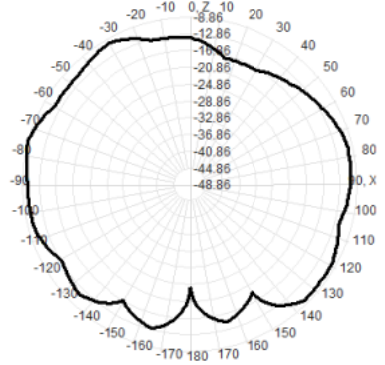
2490.0MHz Total(E2-YZ), Max=-10.21dBi



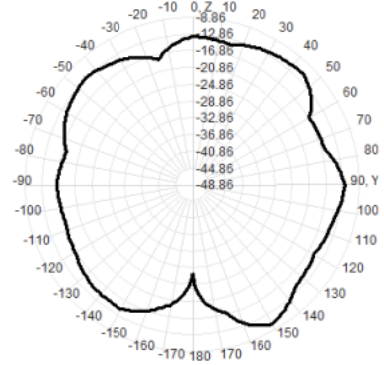
Total(H-XY), Max=-9.80dBi, CirD=15.48



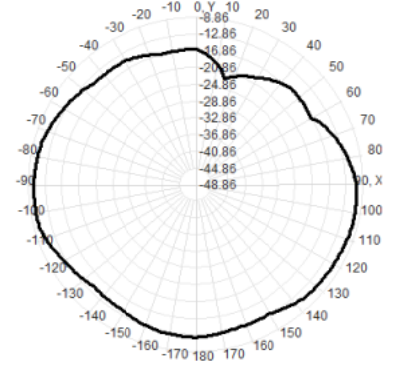
2500.0MHz Total(E1-XZ), Max=-8.86dBi



2500.0MHz Total(E2-YZ), Max=-10.62dBi



Total(H-XY), Max=-10.19dBi, CirD=12.49



The test photos

