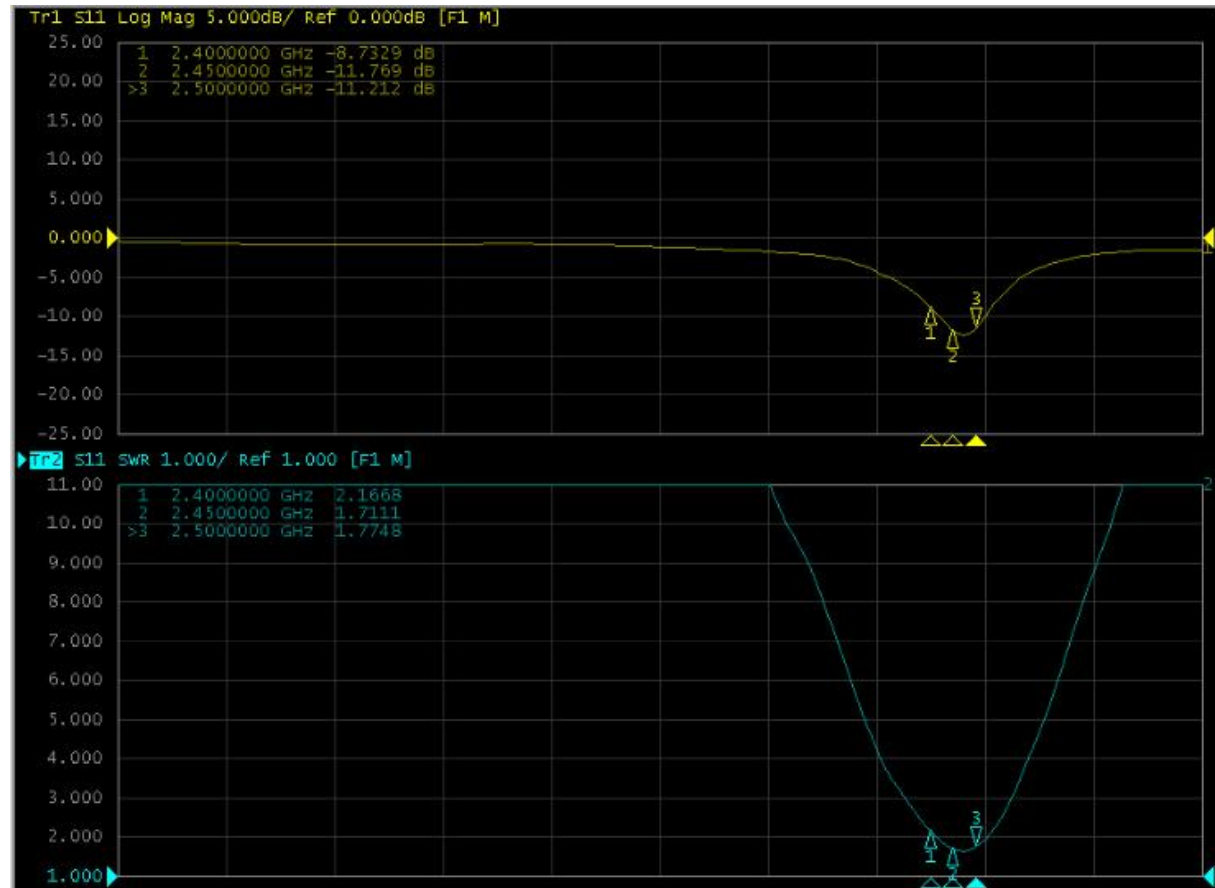
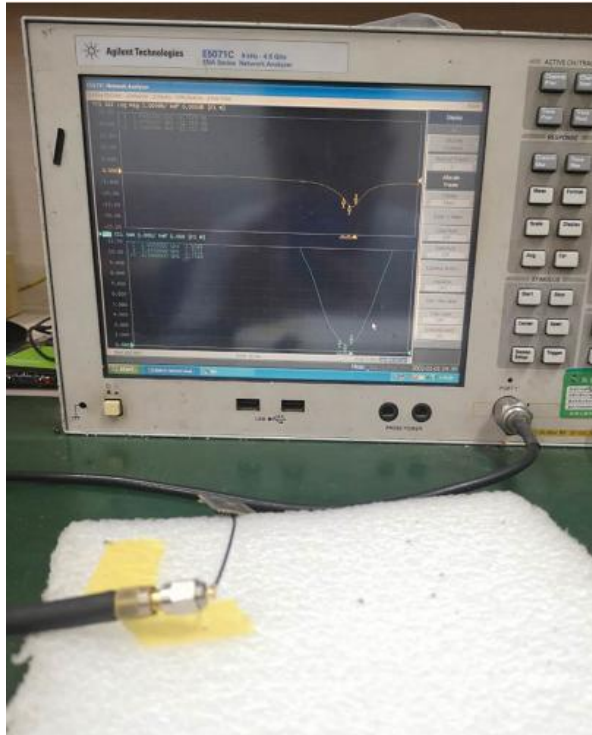


MANUFACTURER:	Hangzhou Tuya Information Technology Co., Ltd
PRODUCT NAME:	WBR3 ANTENNA
ANTENNA TYPE:	PCB
WRITED:	Long Wang
DATE:	20190520
VERSIONS:	A

Hangzhou Tuya Information Technology Co., Ltd

Room 301, Building 1, Huace Center, Xihu District, Hangzhou, Zhejiang, China

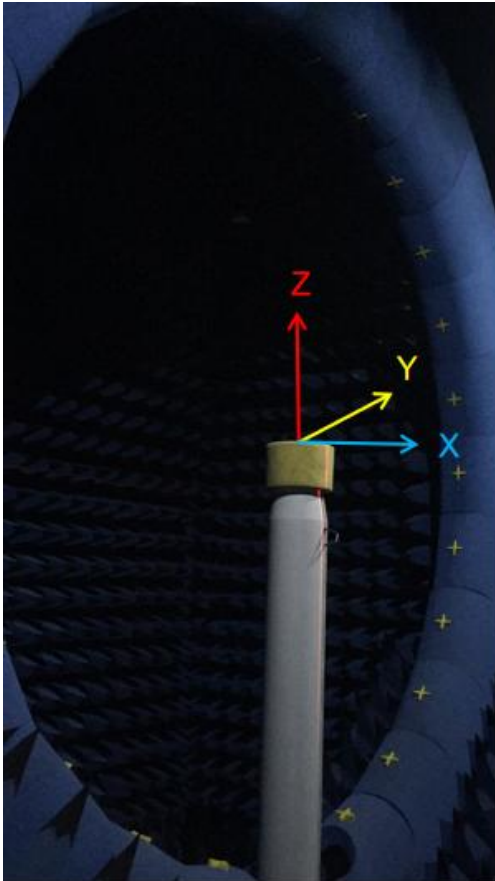
Measurement data



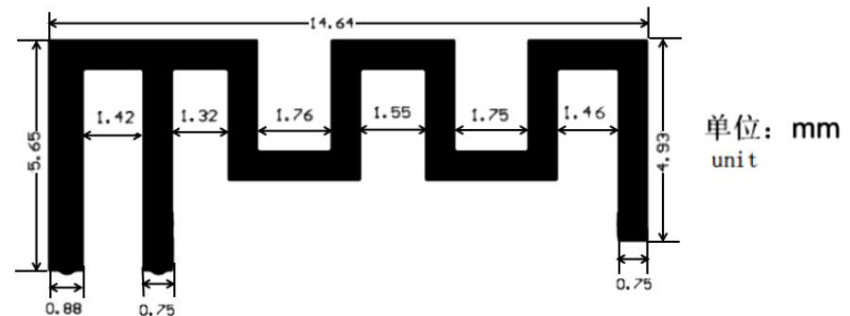
Frequency (MHz)	2400	2450	2500
Return Loss	-8.73	-11.76	-11.21
VSWR	2.16	1.71	1.77

Antenna Size

Test Setup

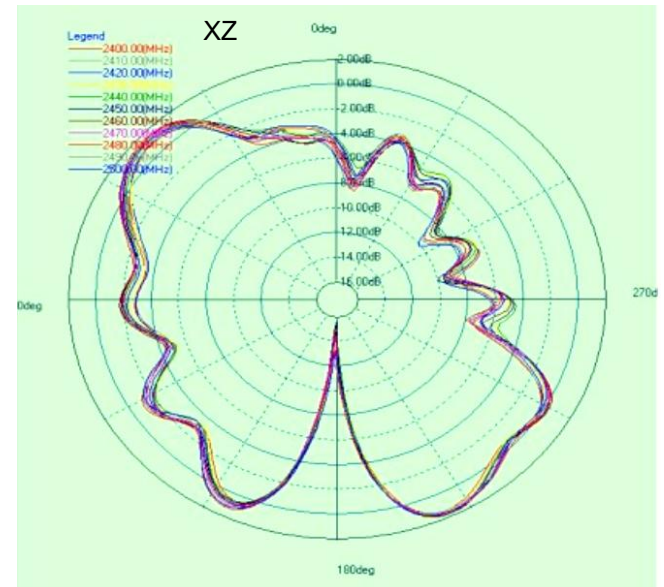
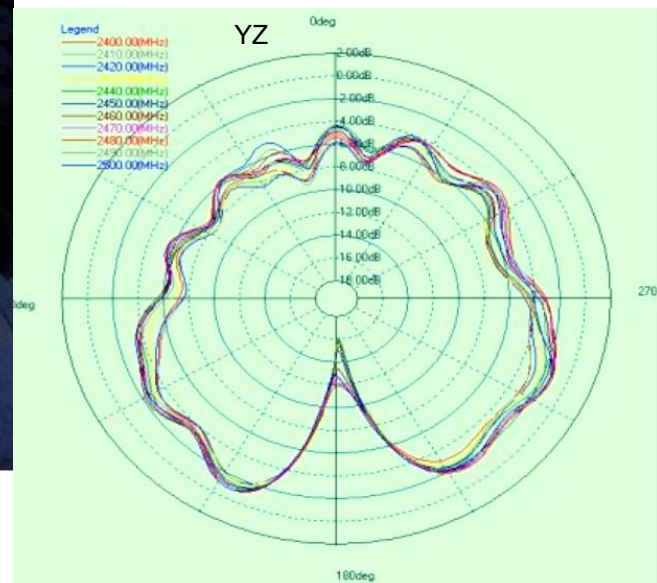
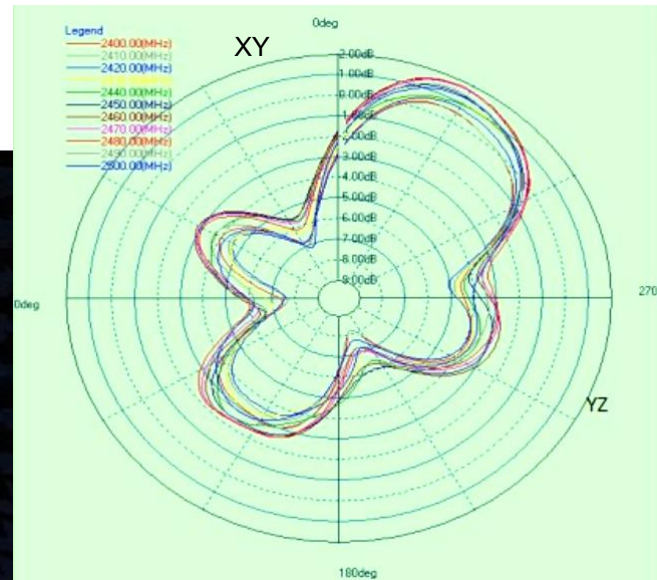
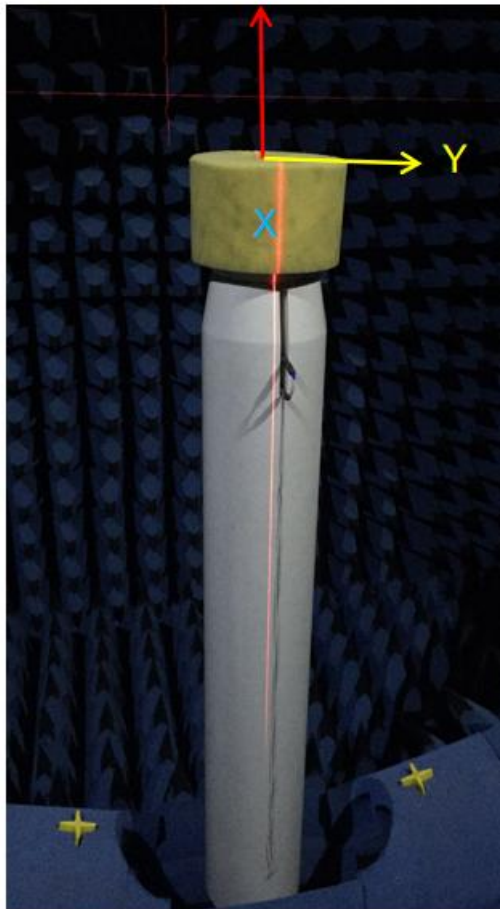


Antenna Size



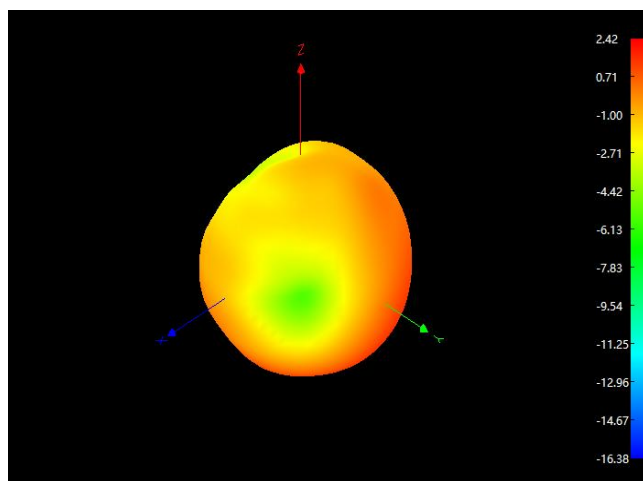
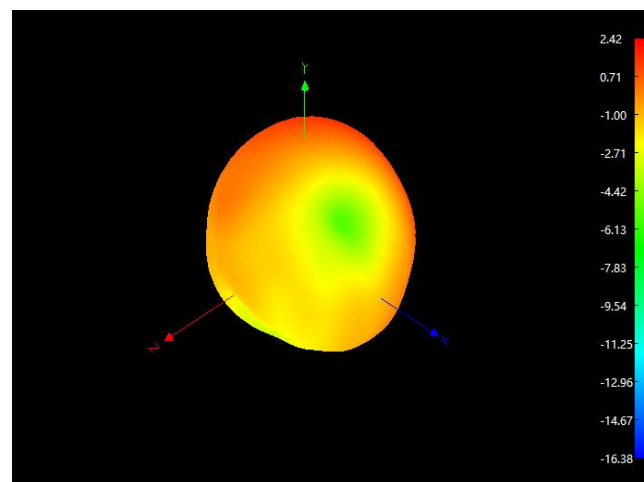
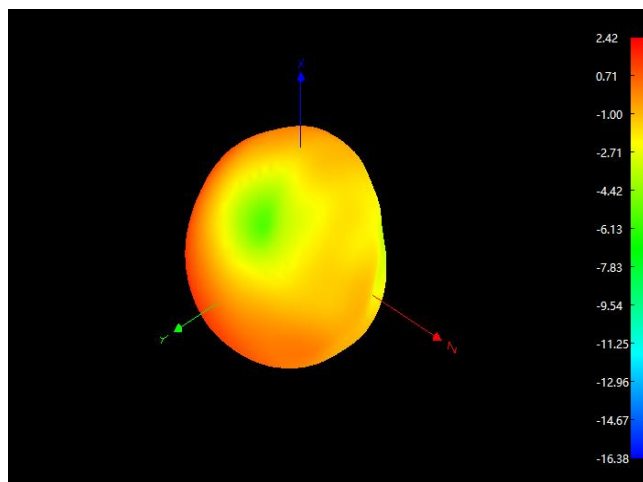
Directivity Diagram

2D



Radiation pattern

3D



Efficiency&Gain

Freq. (MHz)	Effi (%)	Gain (dBi)
2400	52.29	1.62
2410	52.17	1.71
2420	53.14	1.93
2430	54.16	1.98
2440	57.62	2.00
2450	59.64	2.17
2460	61.55	2.45
2470	60.64	2.38
2480	62.86	2.54
2490	59.85	2.30
2500	60.41	2.49