

<b>Manufacturer</b>	<b>Hangzhou Tuya Technology Co., Ltd</b>
<b>Address</b>	701, Building 3, Zheshang Wealth Center, 87 Gudun Road, Xihu District, Hangzhou City
<b>Model</b>	<b>WB3S</b>
<b>Type</b>	<b>IFA</b>
<b>Gain</b>	<b>1.5dBi</b>

Antenna



WB3S

Model: WB3S

P/N: 2.01.01.00202

S/N: 1000698800016F

CE



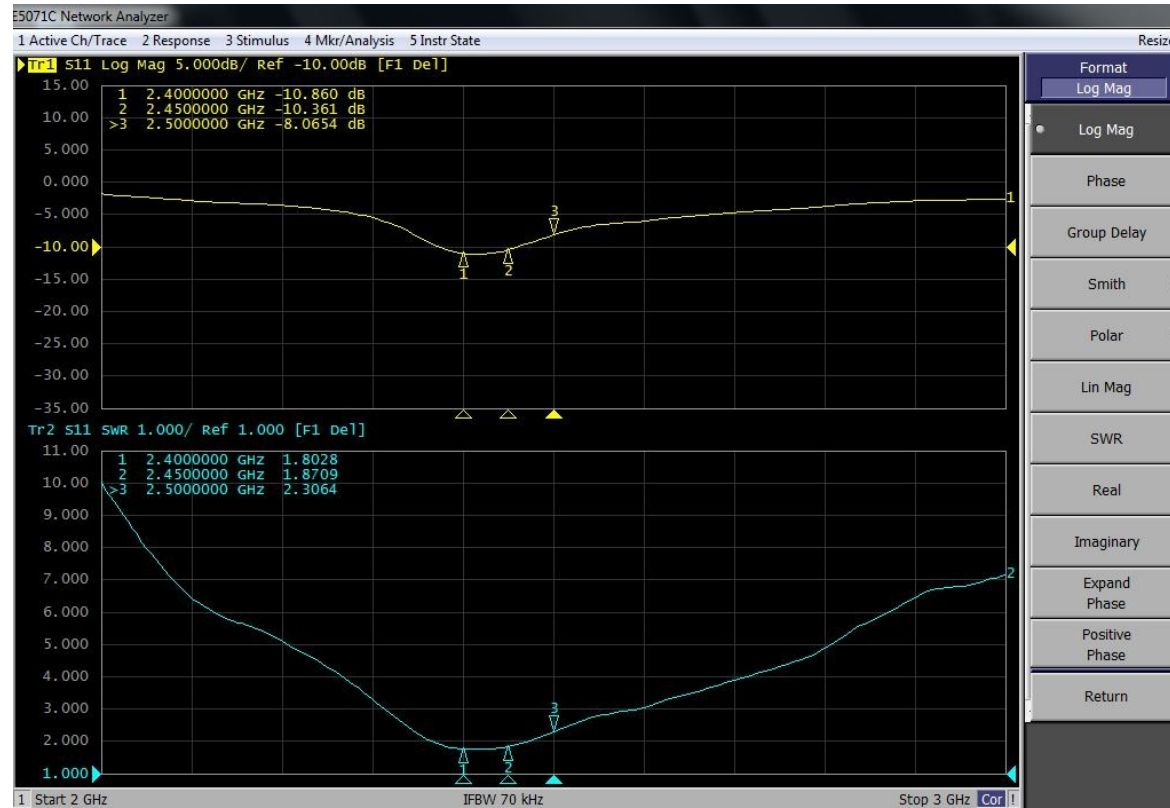
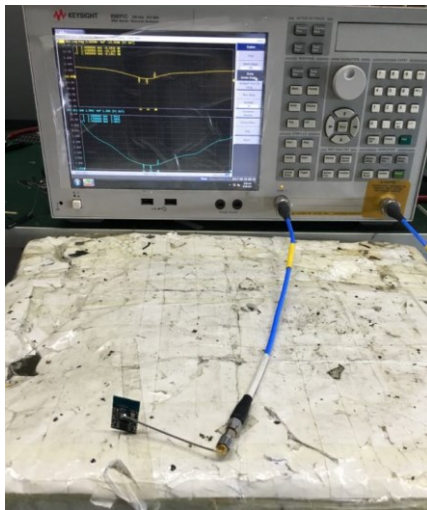
RoHS

Antenna



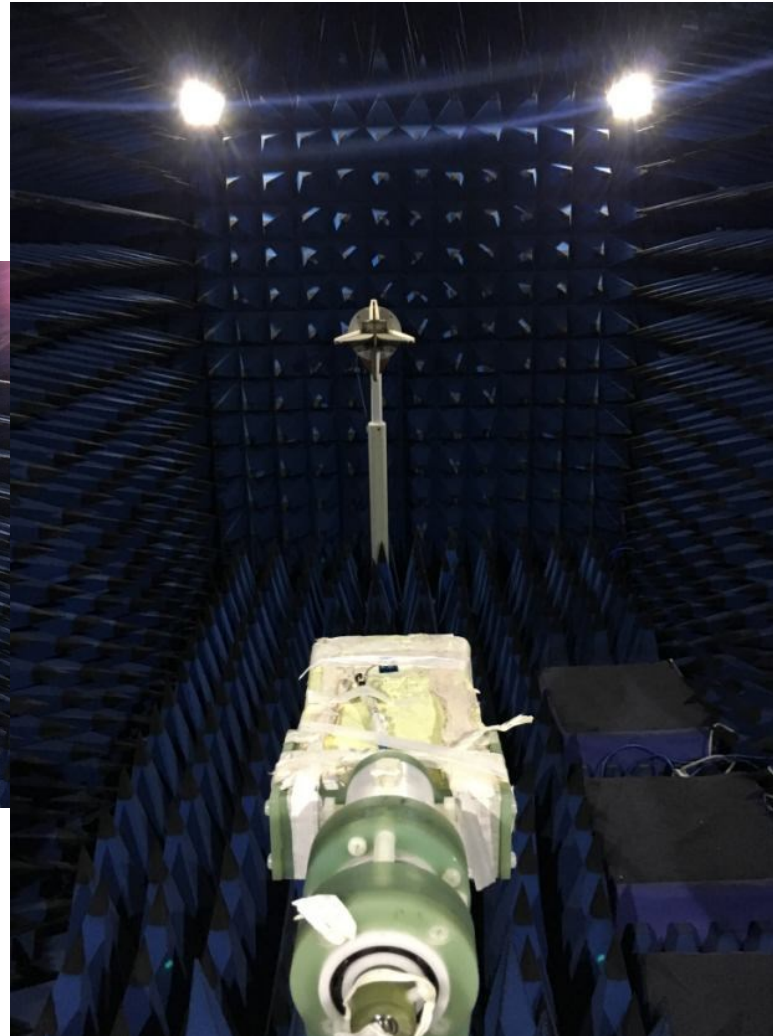
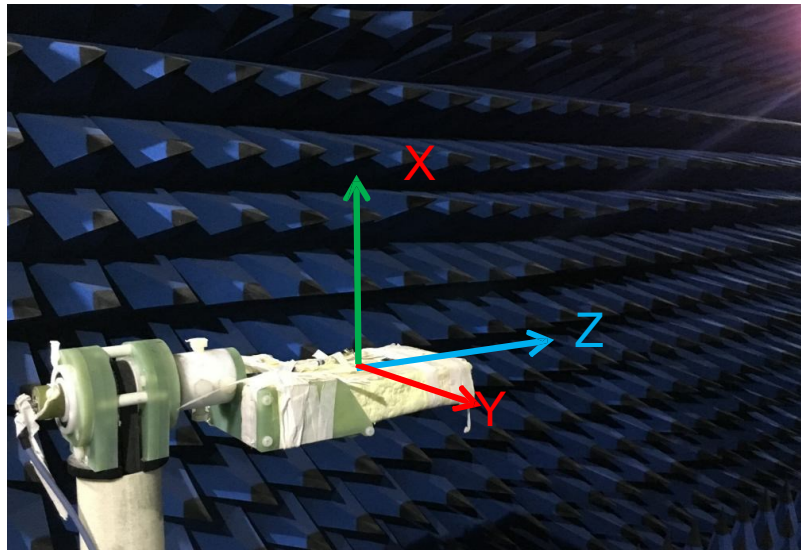
# Measurement data

## Return Loss & VSWR-ANT

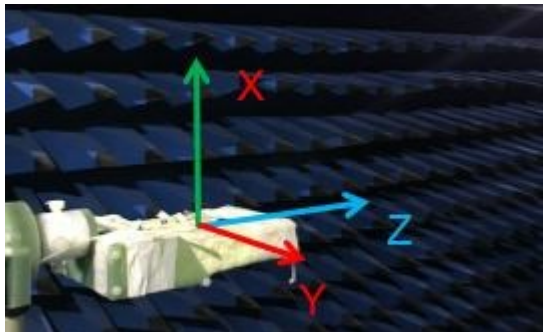


Frequency (MHz)	2400	2450	2500
Return Loss	-10.860	-10.361	-8.0654
VSWR	1.8028	1.8709	2.3064

# Radiation pattern



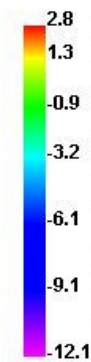
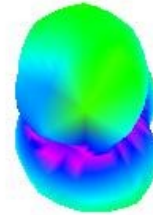
# Radiation pattern



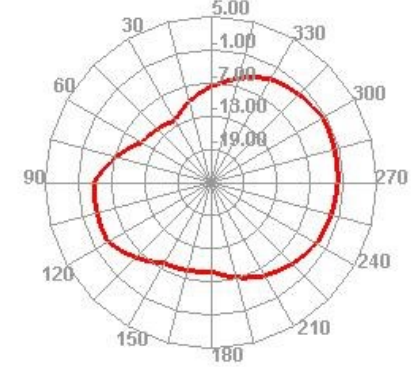
2400 MHz  
ANT

H: XY  
E1: XZ  
E2: YZ

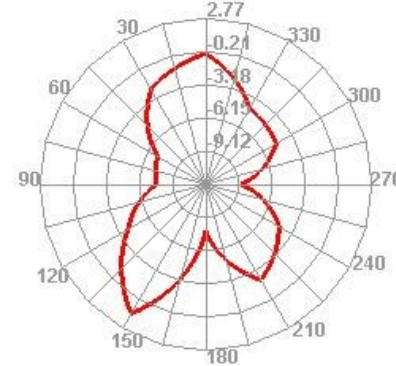
2400.000MHz



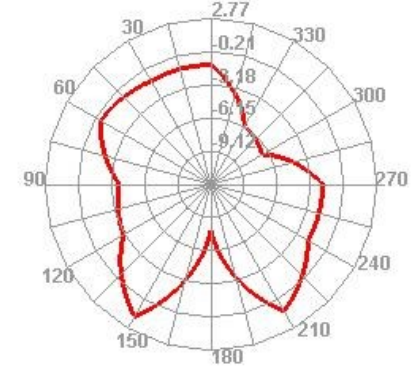
2400.000MHz H



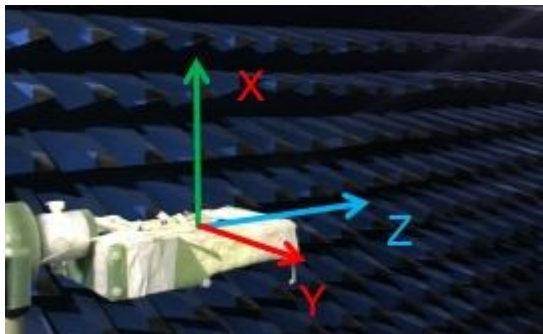
2400.000MHz E1



2400.000MHz E2



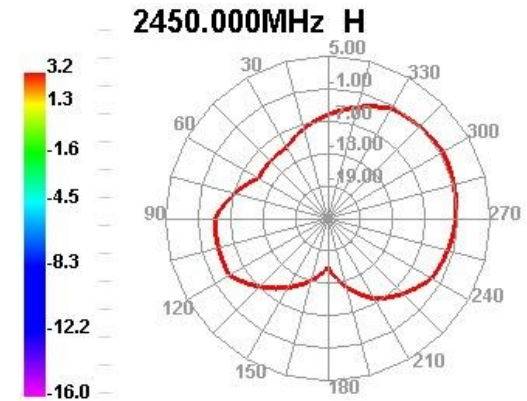
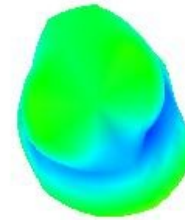
# Radiation pattern



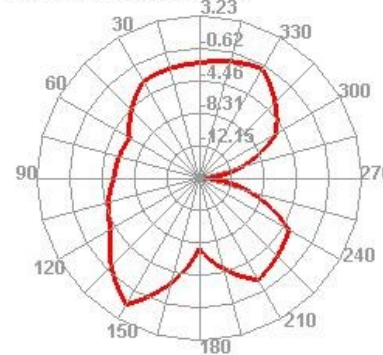
H : XY  
E1 : XZ  
E2 : YZ

2450 MHz  
ANT

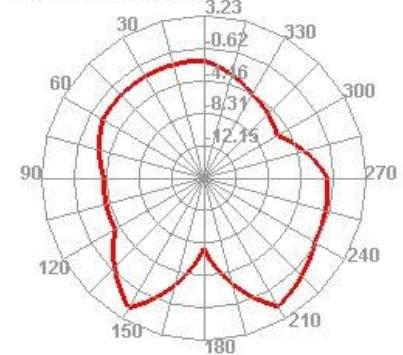
2450.000MHz



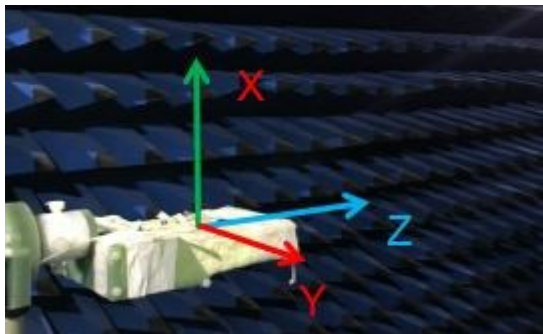
2450.000MHz E1



2450.000MHz E2

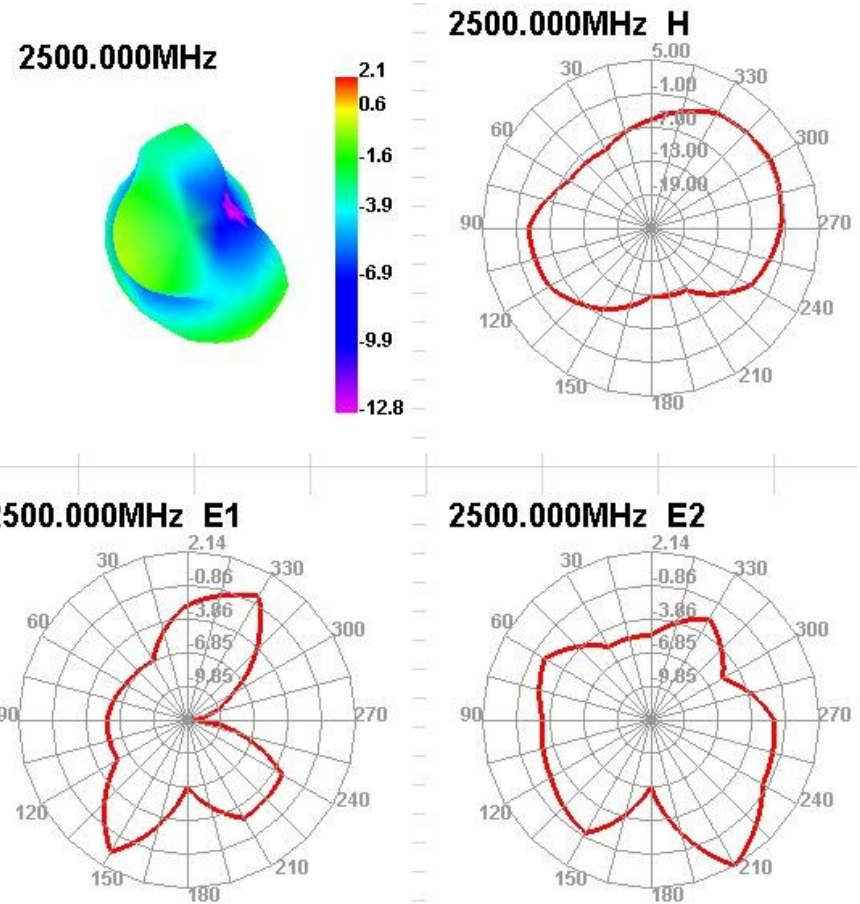


# Radiation pattern



H : XY  
E1 : XZ  
E2 : YZ

2500 MHz  
ANT





# Gain table of Antenna

Frequency (MHz)	ANT	
	Efficiency (%)	Peak Gain (dBi)
2400	33.1	1.37
2410	34.98	1.33
2420	33.57	1.17
2430	34.18	1.34
2440	34.55	1.50
2450	35.83	1.23
2460	36.48	1.29
2470	36.31	1.42
2480	35.7	1.03
2490	34.19	1.29
2500	31.61	1.14