

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

ANT

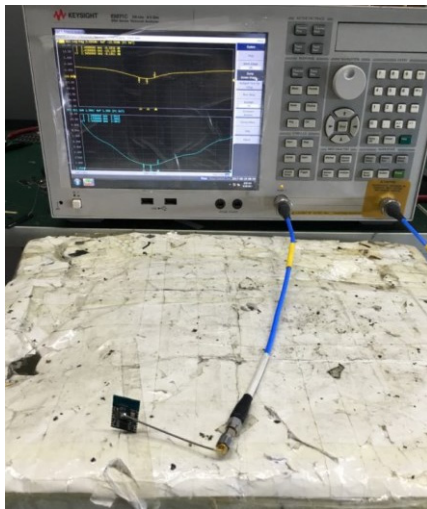


Antenna



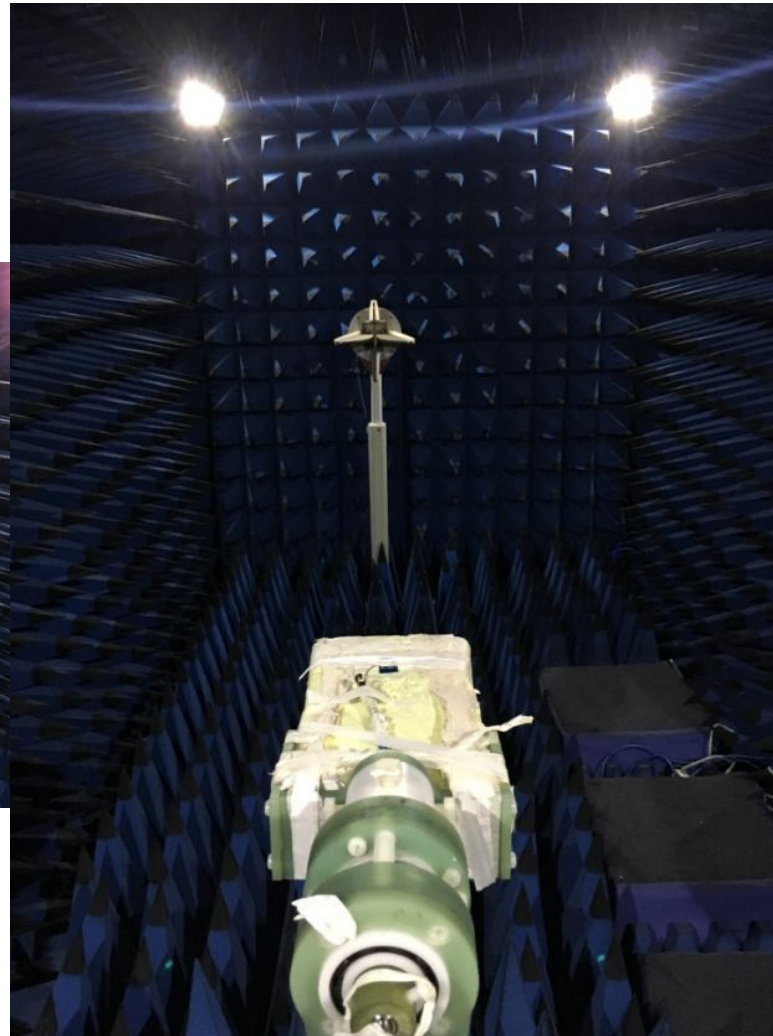
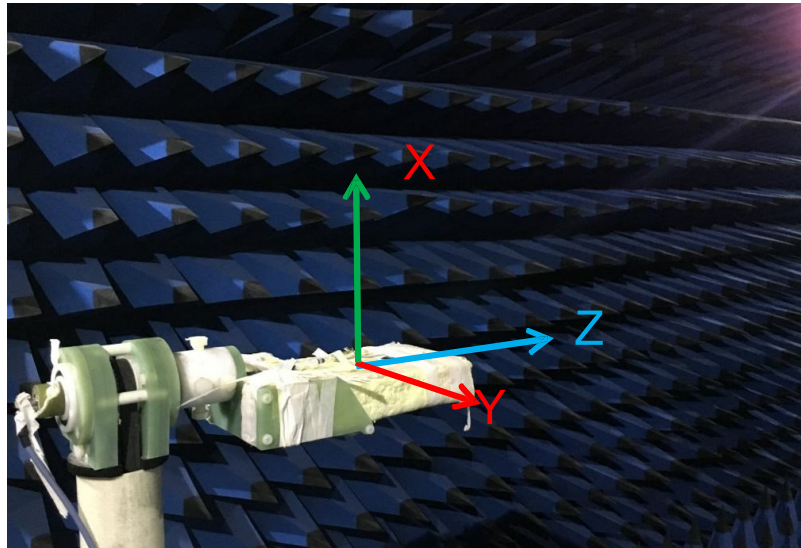
Measurement data

Return Loss & VSWR-ANT

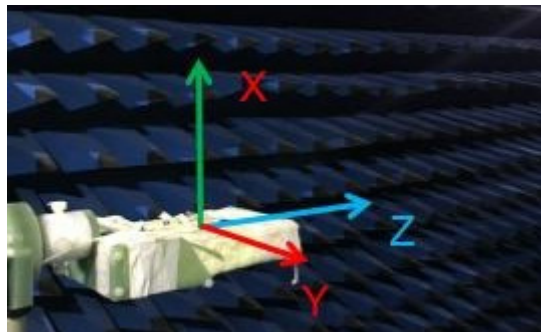


Frequency (MHz)	2400	2450	2500
Return Loss	-10.860	-10.361	-8.0654
VSWR	1.8028	1.8709	2.3064

Radiation pattern



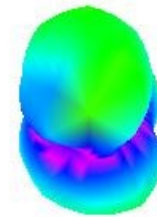
Radiation pattern



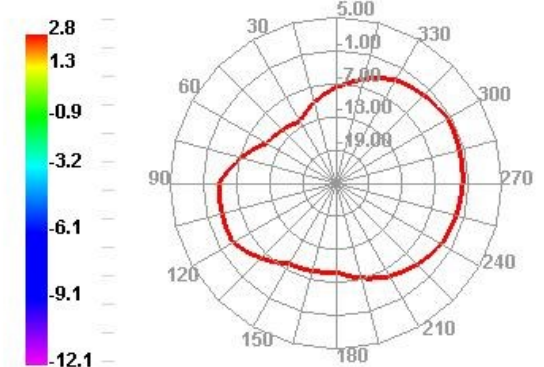
H: XY
E1: XZ
E2: YZ

2400 MHz
ANT

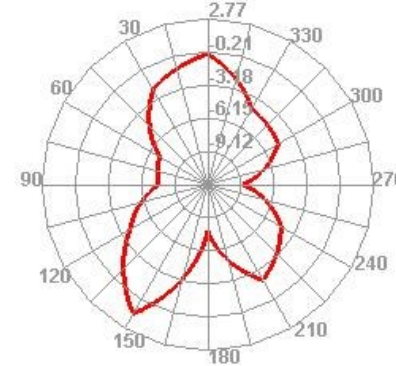
2400.000MHz



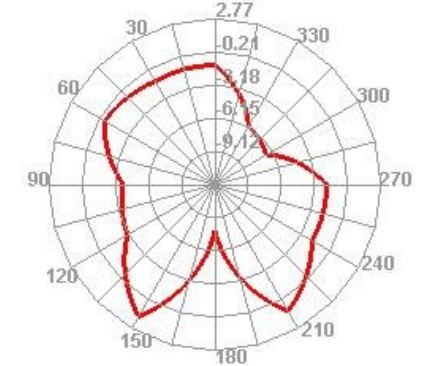
2400.000MHz H



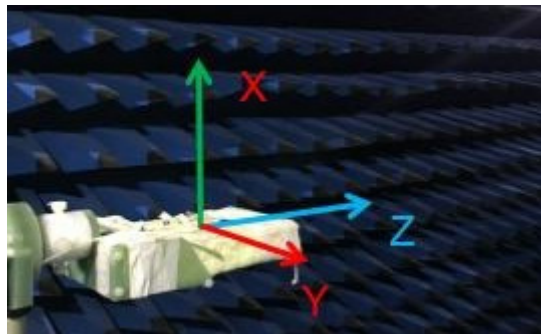
2400.000MHz E1



2400.000MHz E2



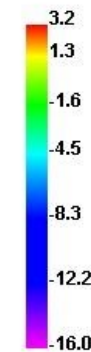
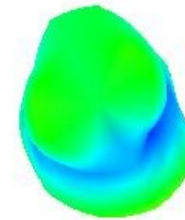
Radiation pattern



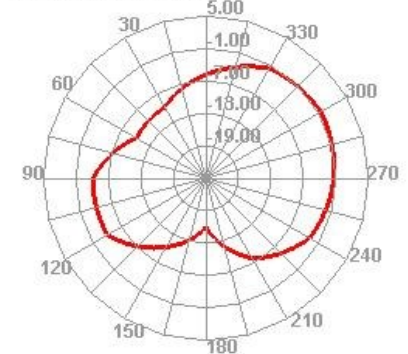
H : XY
E1 : XZ
E2 : YZ

2450 MHz
ANT →

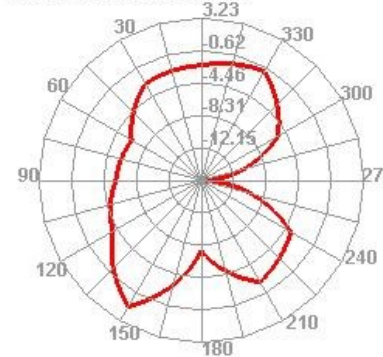
2450.000MHz



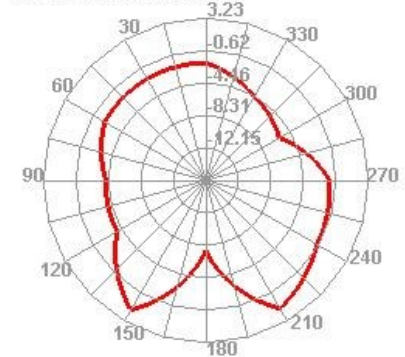
2450.000MHz H



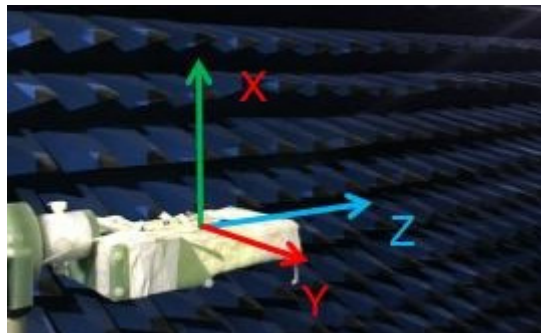
2450.000MHz E1



2450.000MHz E2



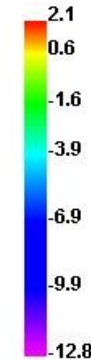
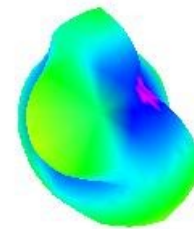
Radiation pattern



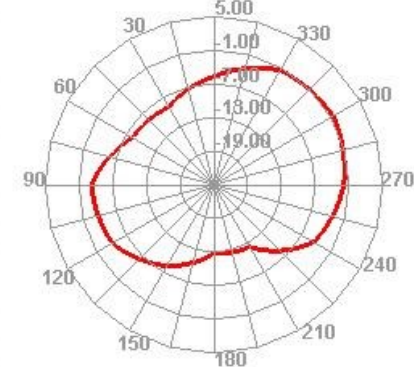
H : XY
E1 : XZ
E2 : YZ

2500 MHz
ANT

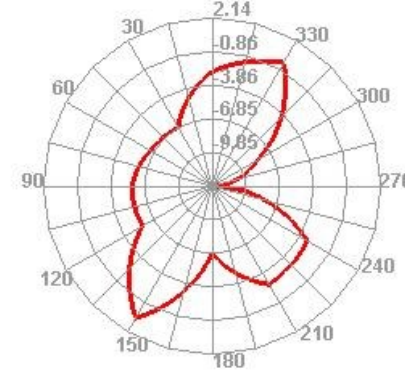
2500.000MHz



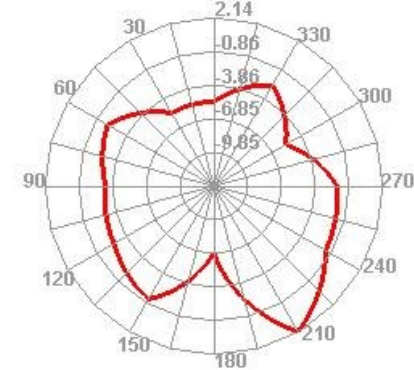
2500.000MHz H



2500.000MHz E1



2500.000MHz E2



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