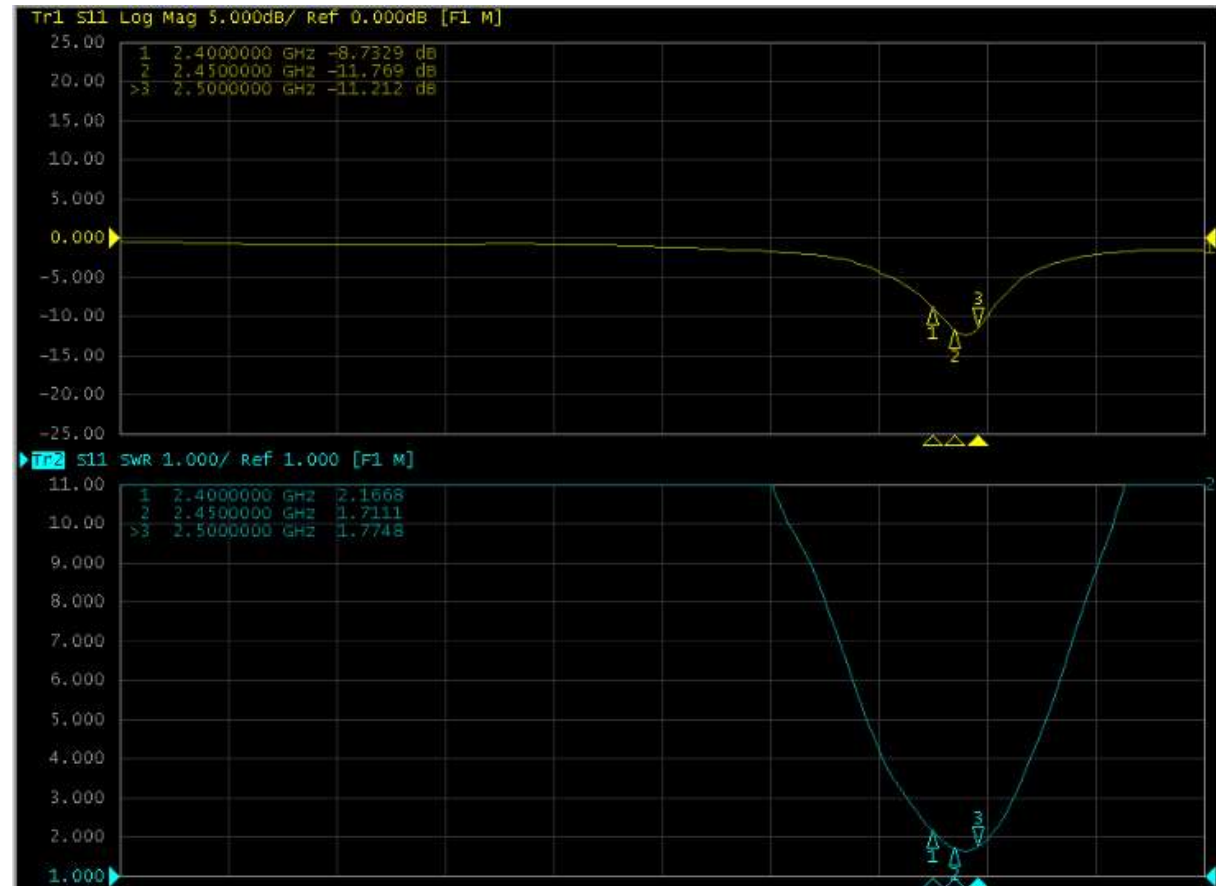
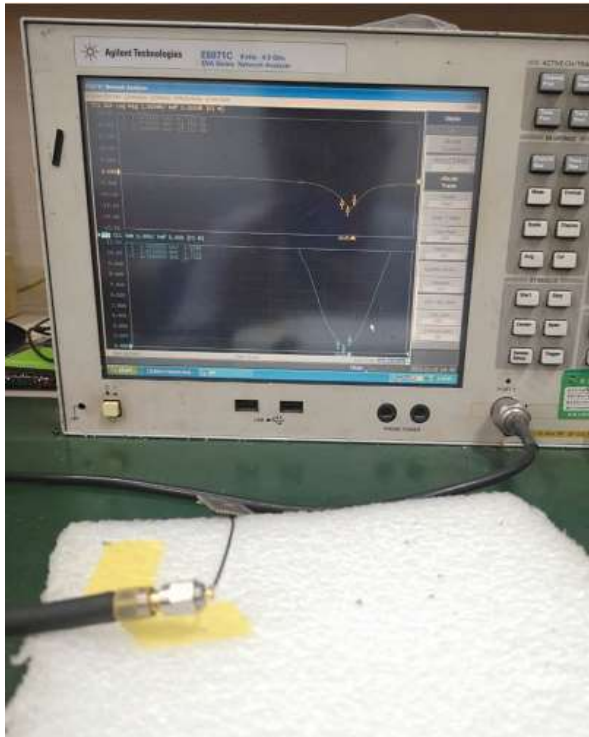


CUSTOMER NAME:	TUYA
PRODUCT NAME:	BT Module
Ren Feng P/N:	BT7L PCB Antenna
WRITED:	
DATE:	20191020
VERSIONS:	A

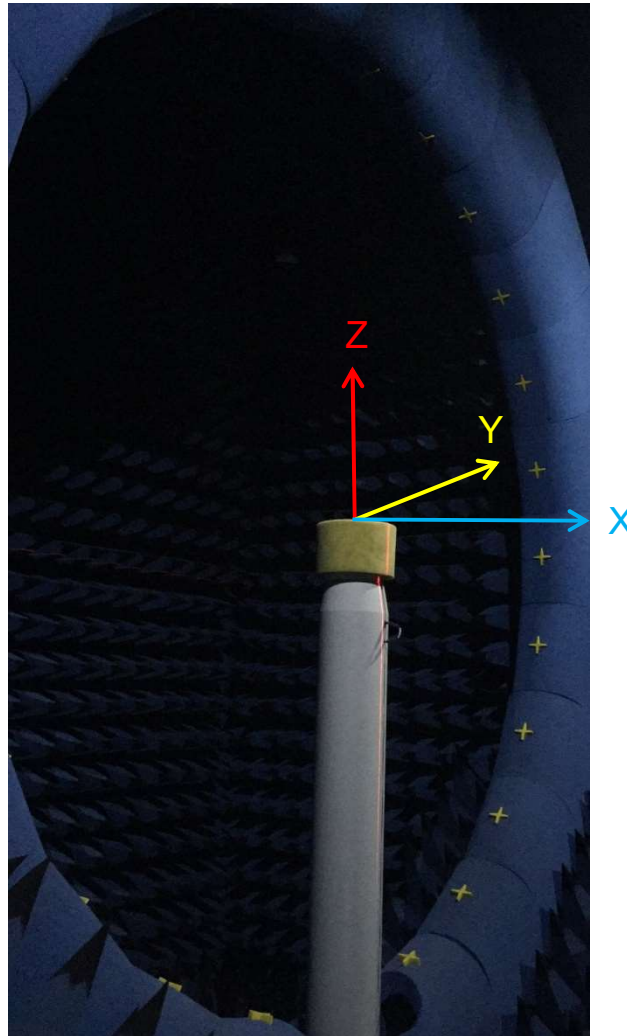
Manufacture: SHANGHAI DEMAN INFORMATION TECHNOLOGY CO.,LTD

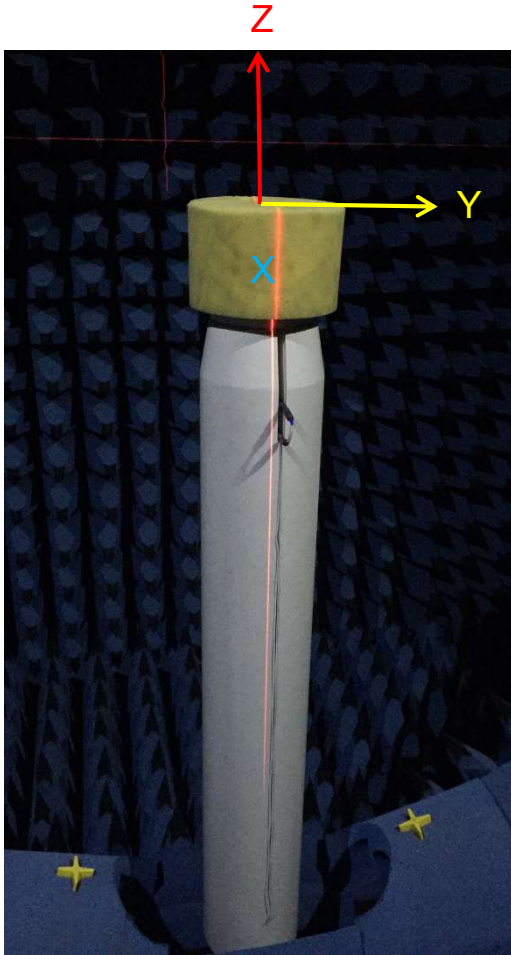
Address: 4th and 5th floors, No. 58 Shenxue Road, Minhang District, Shanghai

Product model: BT7L Test Frequency: 2400-2500MHz

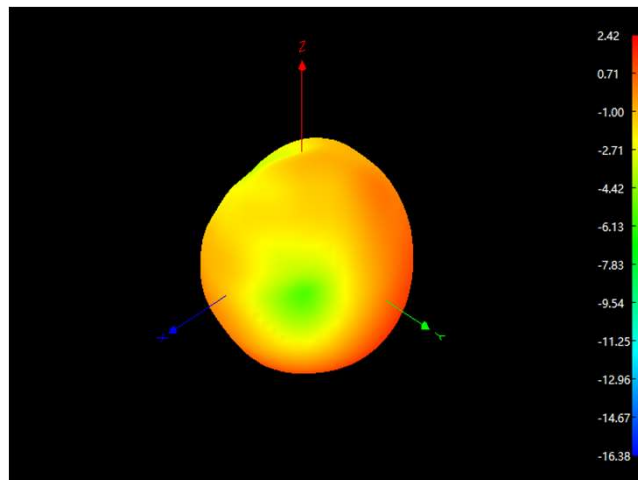
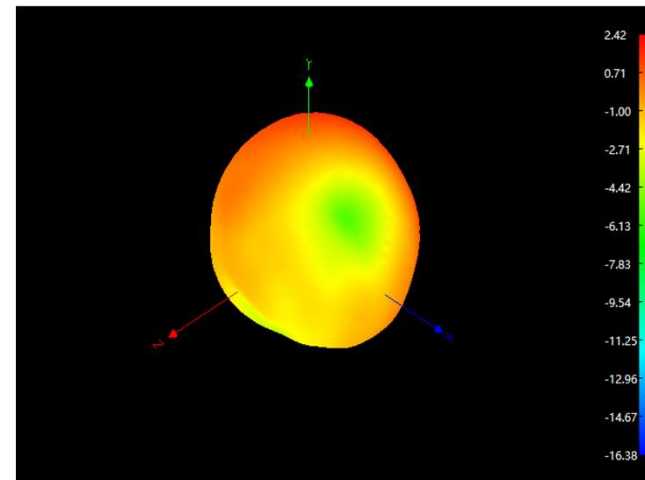
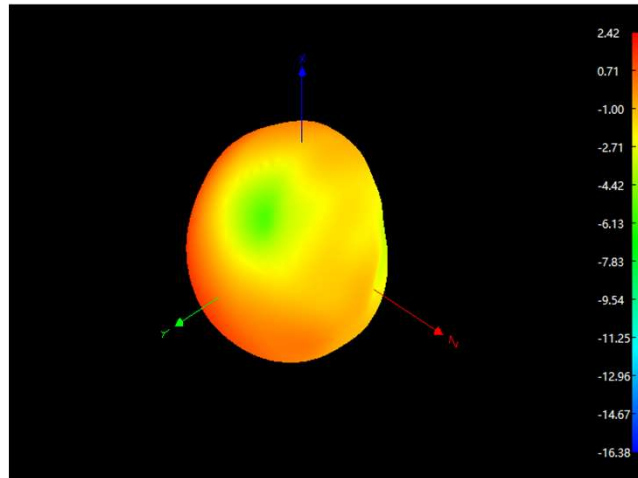


Frequency (MHz)	2400	2450	2500
Return Loss	-8.73	-11.76	-11.21
VSWR	2.16	1.71	1.77





3D



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

Antenna Type: PCB

