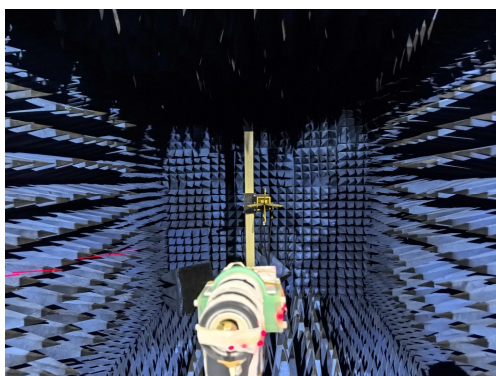


Antenna Specification

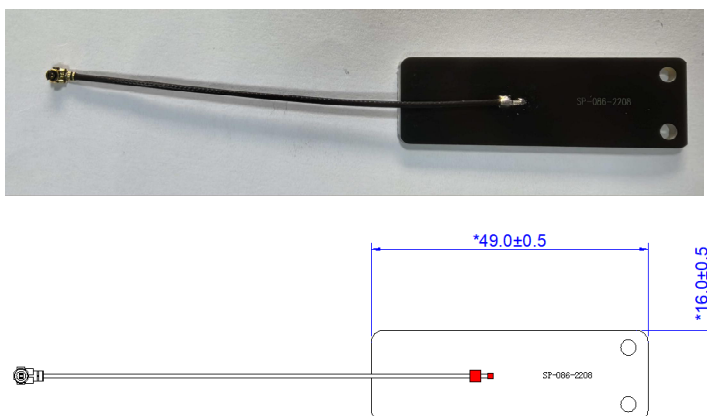
Customer	Suzhou zhenwang
Model name	BT Antenna
Antenna type	ZW.54.0000.0092/SX-007-2208

Rev	Date	Description	Prepared	Checked	Approved
A	June 23,2023	NEW Issuance	Ningxiang Hu	Yanhu Tuo	Changhua Liu
B	July 11,2025	Change coaxial cable	Ningxiang Hu	Yanhu Tuo	Changhua Liu

1. Test content:
BT Antenna measurement
2. ProjectGeneral:
Horizontal & Vertical
S11 Return Loss \ Antenna Gain \ Radiation Pattern
3. Test setting:
Source Antenna: TIANJIN FEITU
Test Frequency: 2400MHz\2450MHz\2500MHz
4. Test environment:
Room temperatrue 20℃ , Humidity 50%
5. Test schematic drawing of setting:



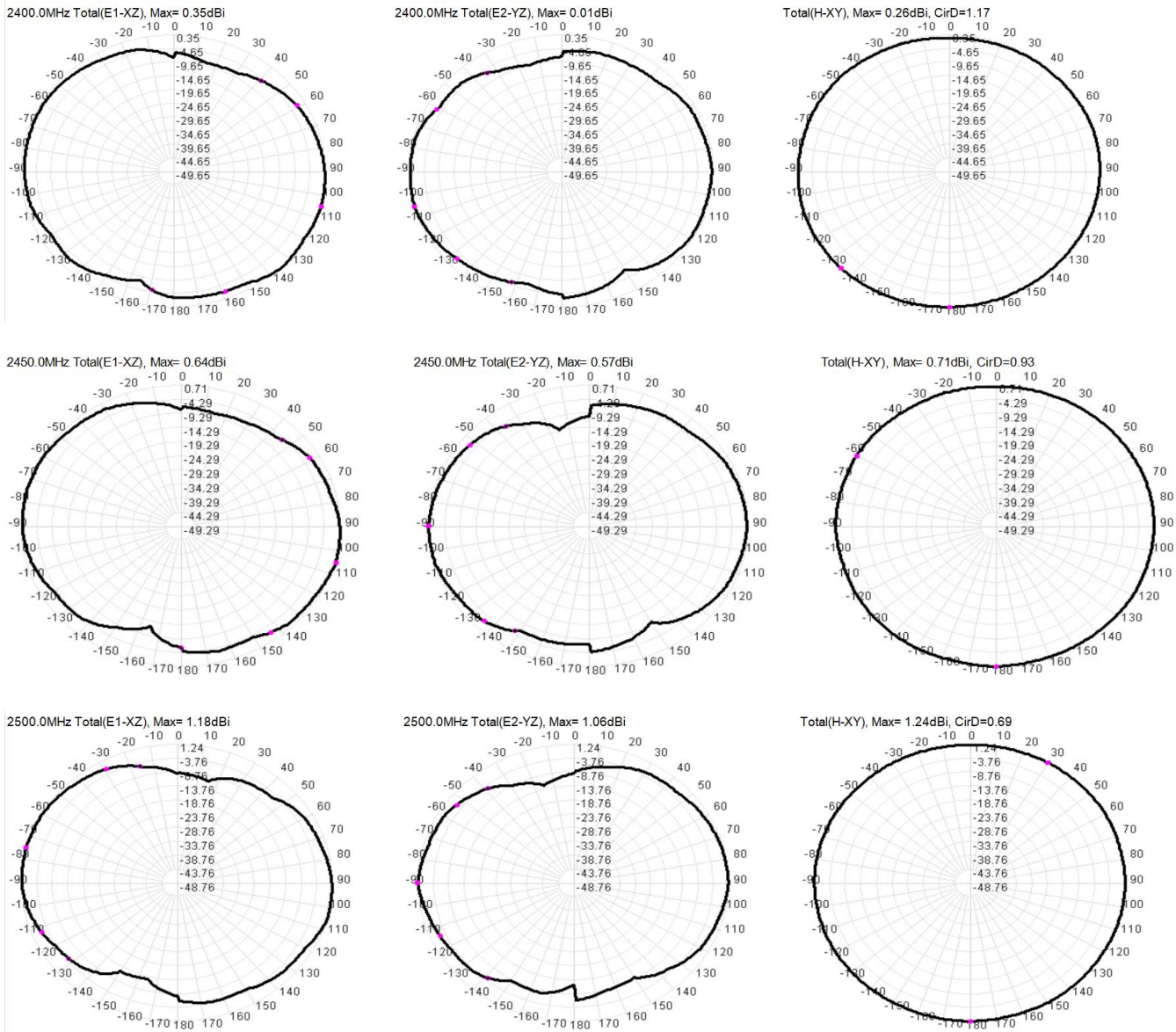
6. Antenna size diagram:



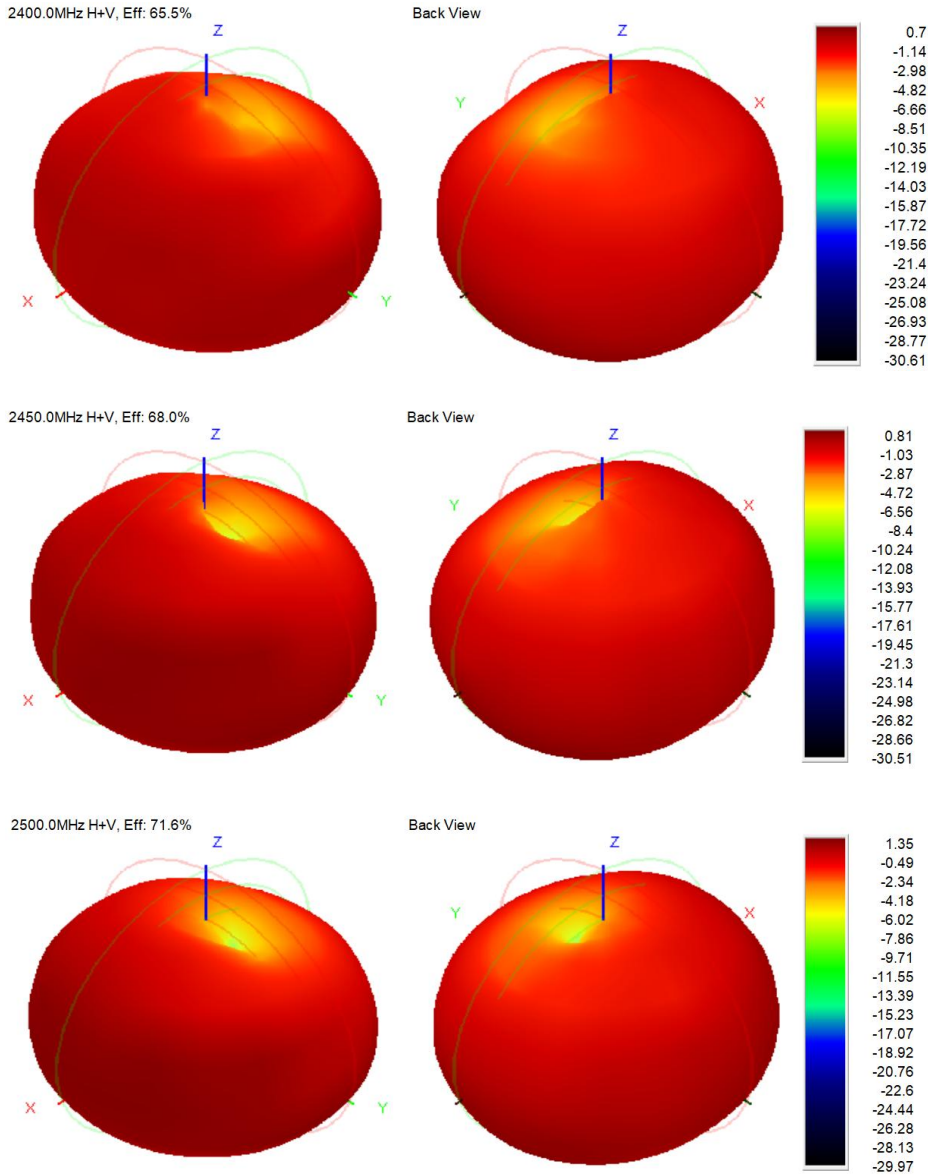
7. Test Data:
7.1 S11 Return Loss



7.2 X-Z \Y-Z\X-Y Plane Polar



7.3 Radiation pattern



7.4 Efficiency and Gain table

Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Efficiency (dBi)	-1.84	-1.90	-1.71	-1.50	-1.52	-1.67	-1.75	-1.54	-1.29	-1.30	-1.45
Gain (dBi)	0.70	0.70	0.90	1.21	1.20	0.81	0.79	1.14	1.54	1.53	1.35
Efficiency (%)	65.4	64.5	67.4	70.7	70.5	68.0	66.8	70.1	74.2	74.1	71.6