

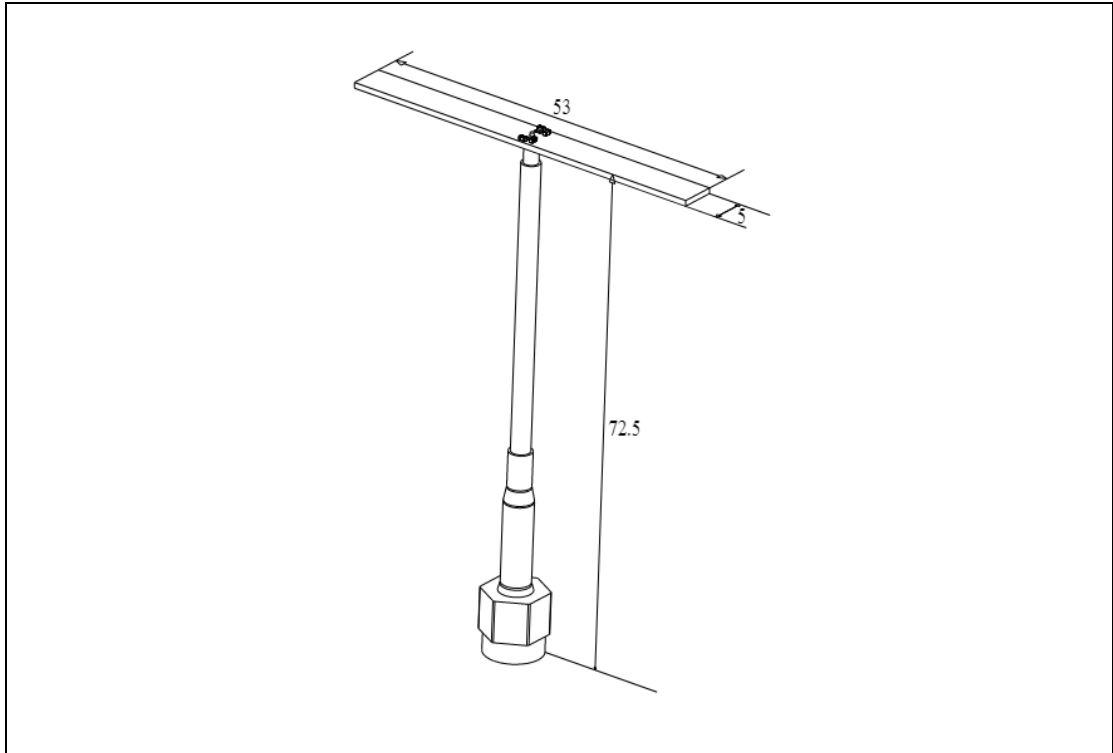
Antenna specification

项目表 Item list

NO.	内容 (Contents)	页数 (Number of Page)	页码 (Page Code)
1	承认书封面 (Spec Cover)	1	1
2	承认书项目表 (Spec Item)	1	2
3	工程成品图 (Drawing)	1	3
4	电性测试报告 (Test Reports)	1	4
5	S 参数测试 (S Parameter)	2	5
6	增益测试 (Gain Test)	1	7
7	3D 天线增益图 (3D antenna pattern)	2	8
8			
9			
10			
11			
12			

工程成品图

Drawing



电性测试报告

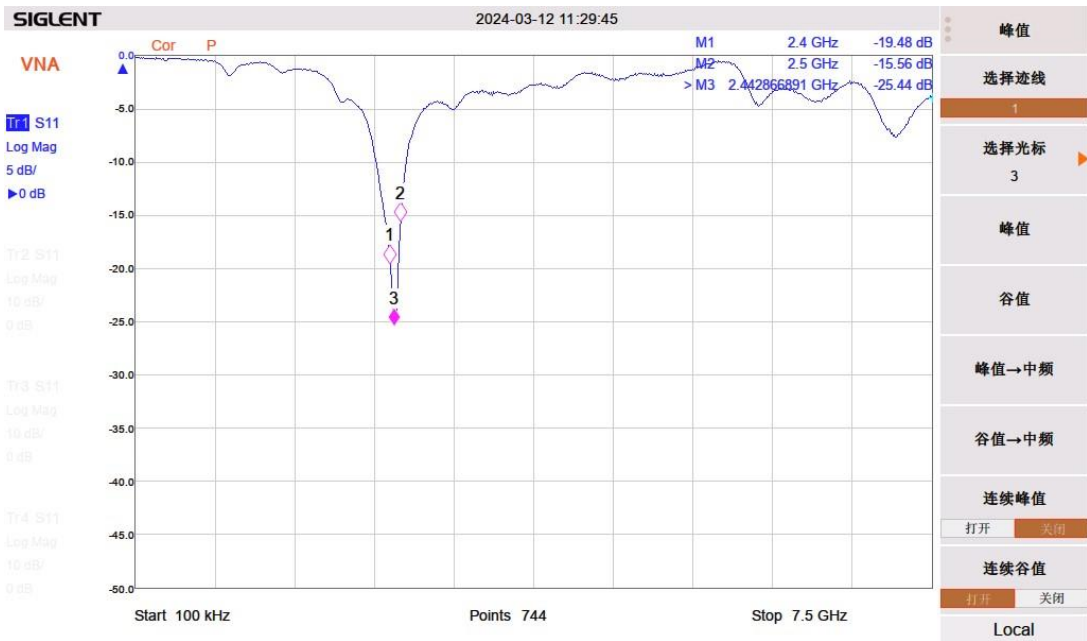
Test Report

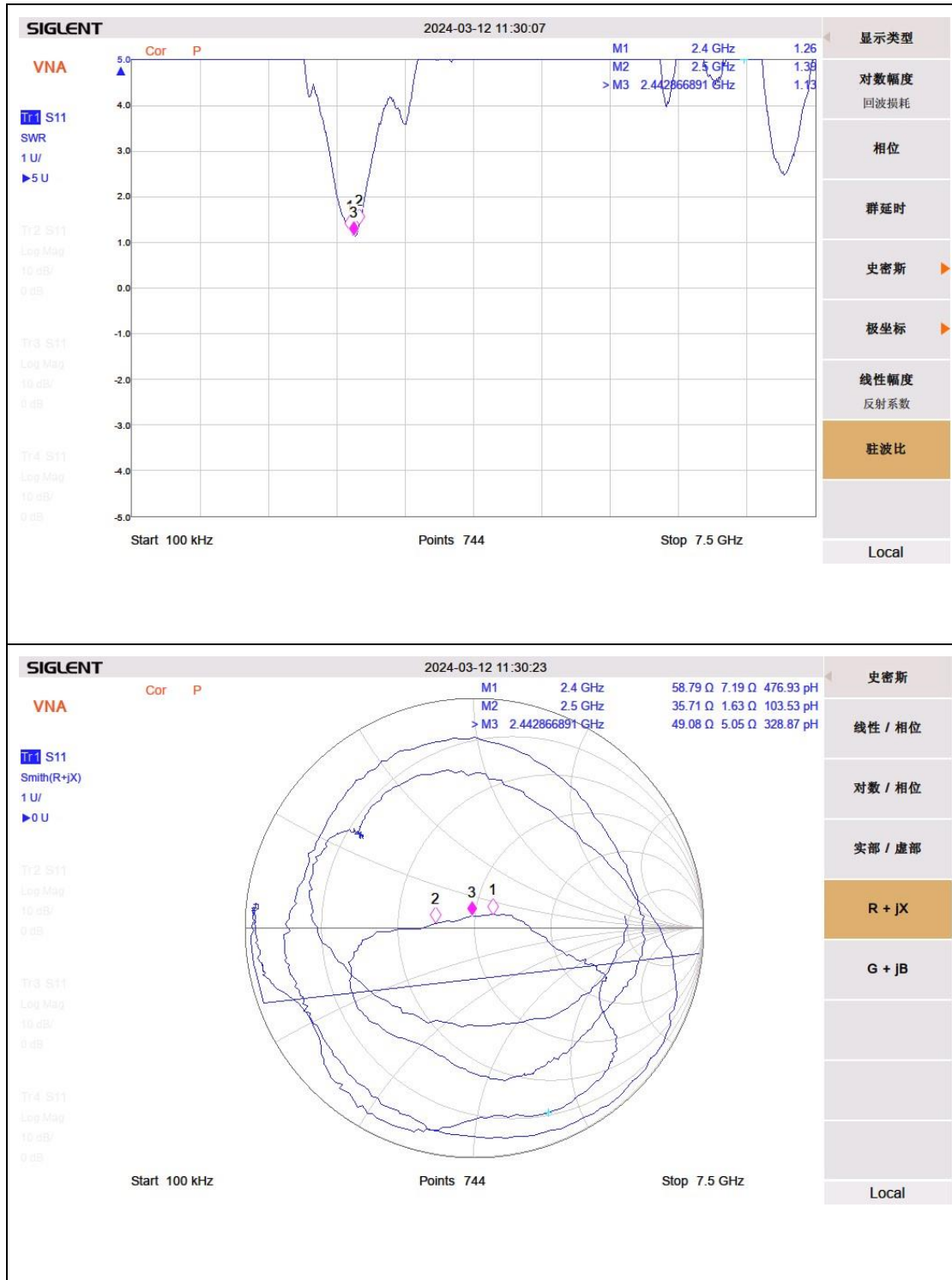
Sample Photo	
	
Basic Parameter	
Antenna Type	Dipole T-type Antenna
Manufacture	Shenzhen Baida Moxing Co.,Ltd.
Manufacture Address	B1702A, Block ABCD, Building 3, Phase 1, Tian'an Cloud Park, Gangtou Community, Bantian Street, Longgang District, Shenzhen, China
Electrical Characteristics	
Frequency	2400 ~ 2500 MHz
S.W.R	≤ 2.0 @ 2400 ~ 2500 MHz
Impedance	50 Ohm Nominal
Return Loss	-10 dB Max
Radiation	Omni-directional
Cable Loss	$\leq 1.4\text{dB/m}$ @3.0GHz
Polarization	Linear, Vertical
Admitted Power	1W
Connector	RP-SMA
Physical Properties	
Antenna Material	FR4
Cable Type	RG405//65mm
Operating Temp.	-25~+85°C
Storage Temp.	-25~+85°C

S 参数测试

S parameter Test

Siglent SSA1000X





增益测试

Gain Test

Freq.(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Peak Gain(dBi)	2.08	2.09	2.1	2.11	2.12	2.12	2.13	2.13	2.13	2.14	2.14
Peak Degree	-132	-132	-132	-132	-132	-132	-132	-132	-132	-132	-132
AV Gain(dBi)	1.88	1.89	1.89	1.9	1.9	1.91	1.91	1.92	1.92	1.92	1.92

3D 天线增益图

3D antenna pattern

