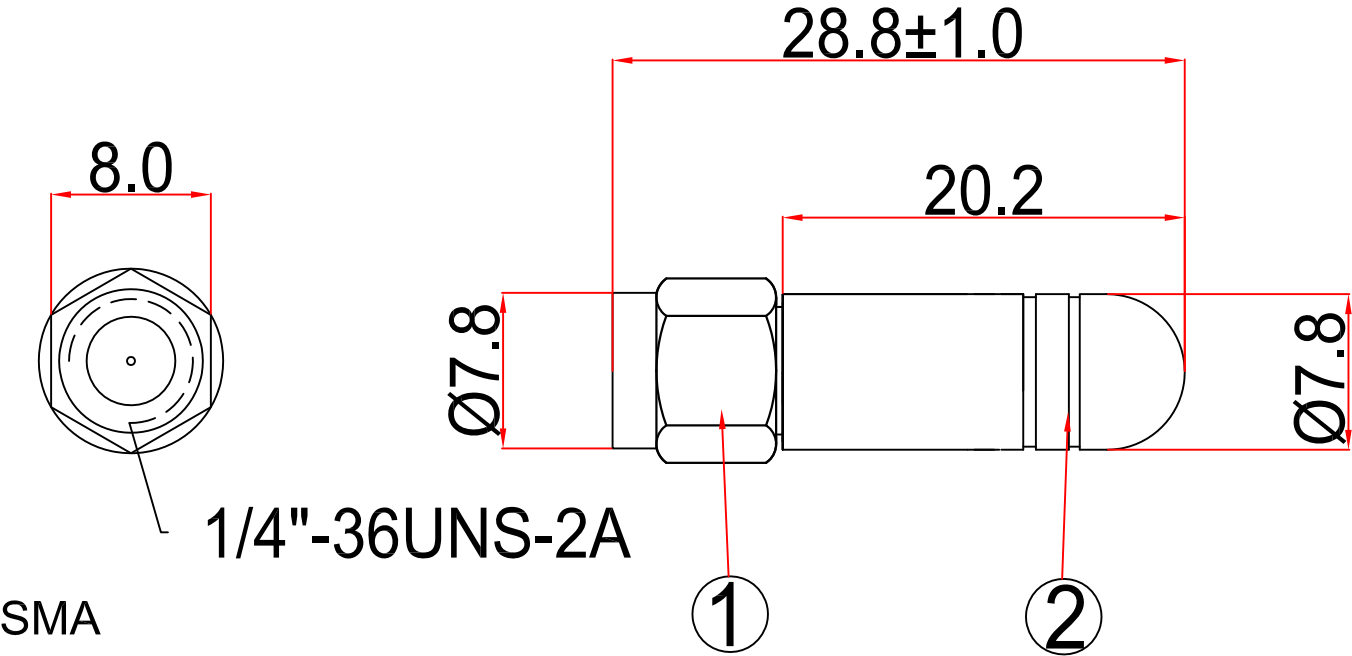


SPECIFICATION FOR APPROVAL

PART NO	5541000006
PART NO	SMA 2.4GHz L=28.8mm
DATE	2021-01-05

REV.	CONTENT	DATE
A	First Issue	2020.12.13

Model: G120-03-G30-A1



Test Reports

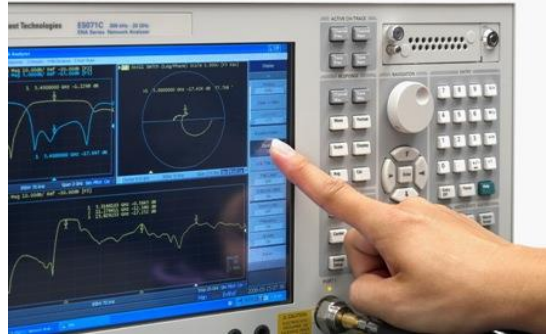
Electrical Properties	
Frequency	2.4-2.5GHz
Impedance	50 Ohm Nominal
V.S.W.R	4.0: 1 Max
Return Loss	-6 dB Max
Radiation	Omni-directional
Gain (Peak)	1.5 dBi
Efficiency	>50%
Polarization	Linear, Vertical
Admitted Power	2 W
Connector	SMA
Physical Properties	
Antenna Material	SMA
Cable Type	
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	



S 参数测试

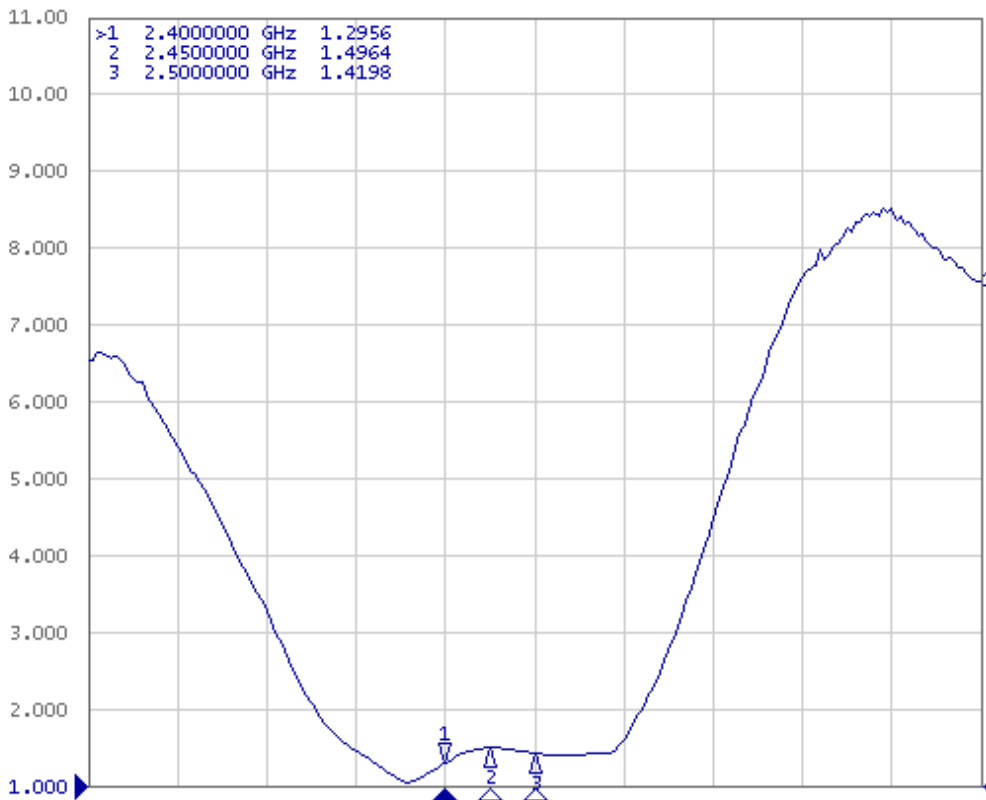
S Parameter Test

Agilent E5071C



1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

► Tr1 S22 SWR 1.000/ Ref 1.000



1 Start 2 GHz

IFBW 70 kHz

Stop 3 GHz Off #

Save/Recall

Save State ►

Recall State ►

Recall by
File Name ►

Save Channel ►

Recall Channel ►

Save Type
All

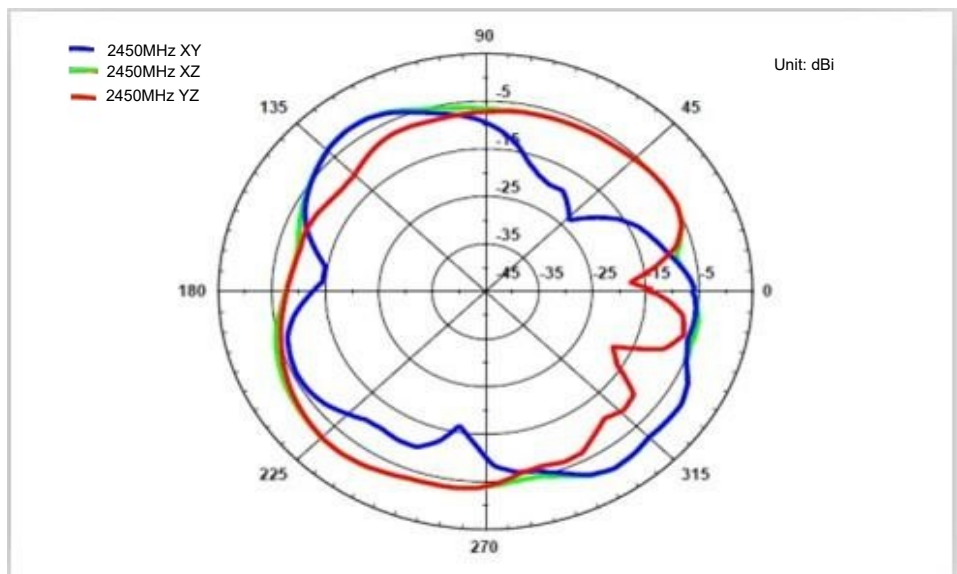
Channel/Trace
Disp Only

Save
Trace Data...

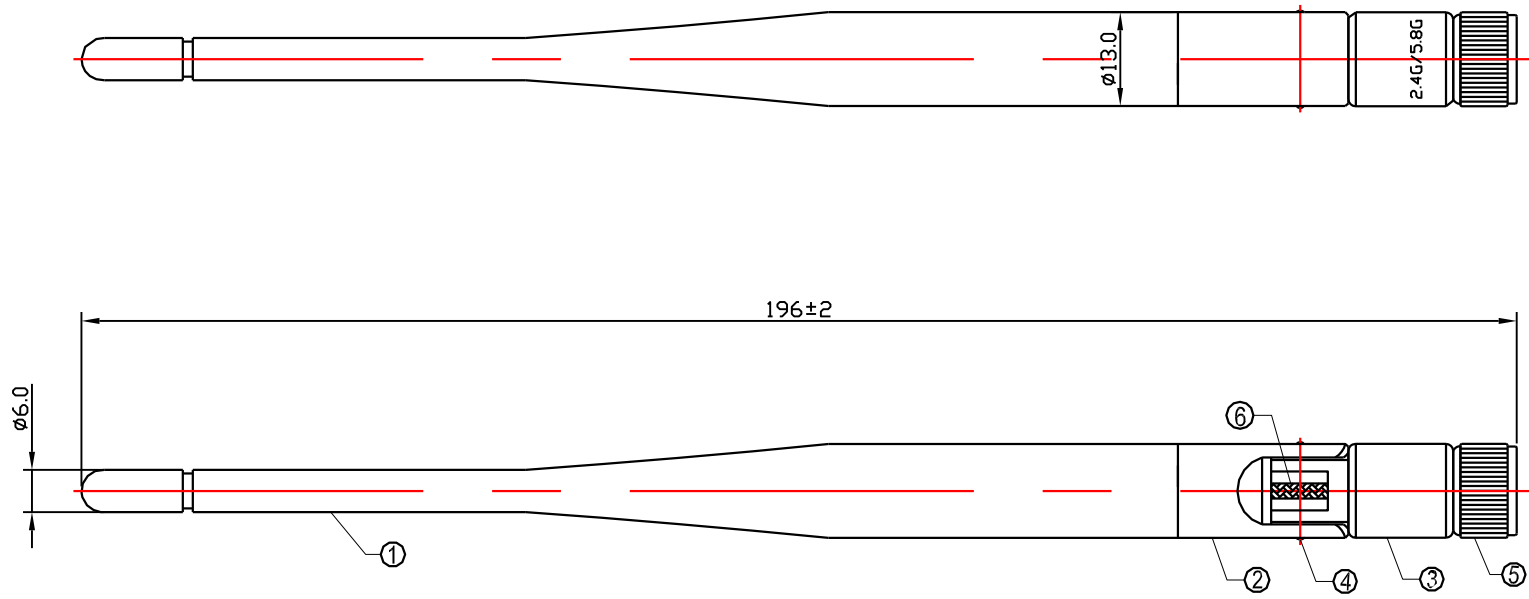
Save SnP ►

Gain Test

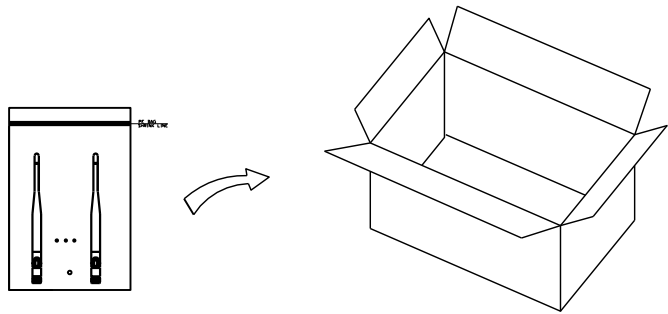
*Antenna
Radiation
Pattern
VS
Gain*



Model: G115-10018-A

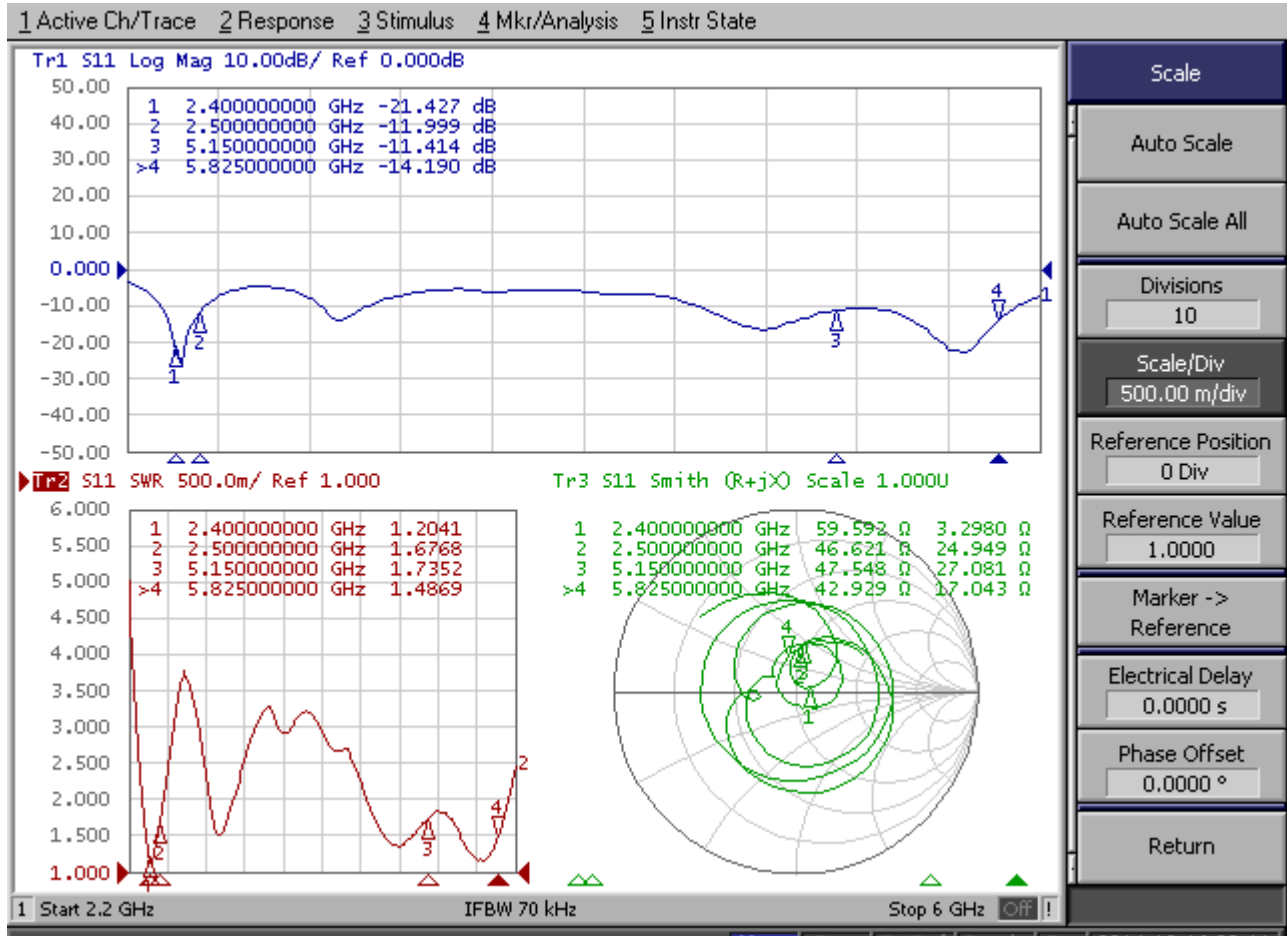


SPECIFICATION:
FREQUENCY:2.4~2.5GHz&5.15~5.85GHz
VSWR:2.0MAX



Huizhou DeYi Technology Co.,Ltd

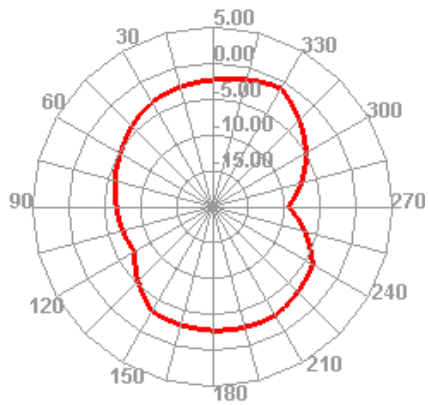
Electrical Test Report



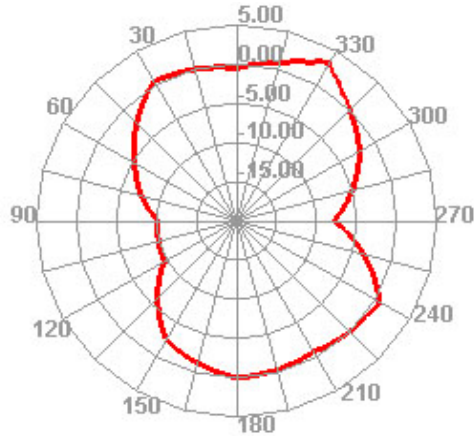
Frequency(MHz)	Peak Gain (dBi)	Low Gain (dBi)	Average Gain (dBi)	Efficiency Total (%)
2400	4.27	3.6	3.93	77.27
2450	4.82	3.72	4.27	77.3
2500	4.45	3.15	3.8	80.54
5150	3.43	2.96	3.11	80.72
5350	3.26	3.12	3.28	78.92
5825	4.62	3.94	4.28	81.66

暗室2D、3DRadiation Pattern

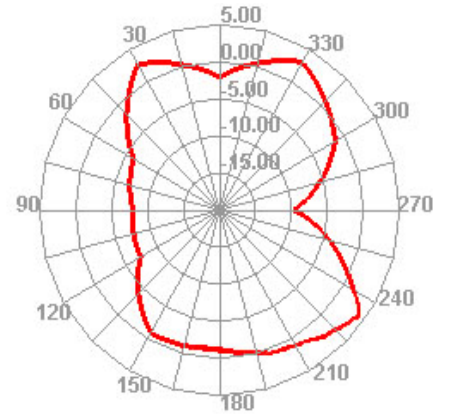
2450MHz H



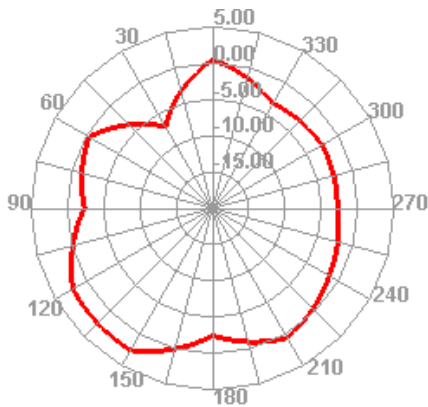
5150MHz H



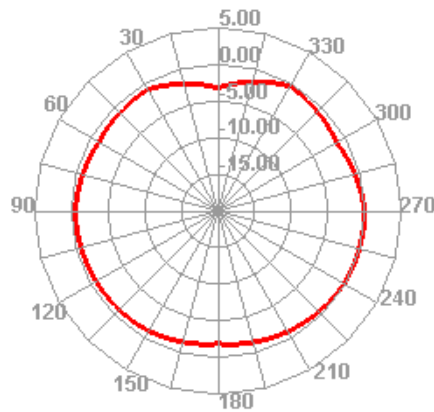
5825MHz H



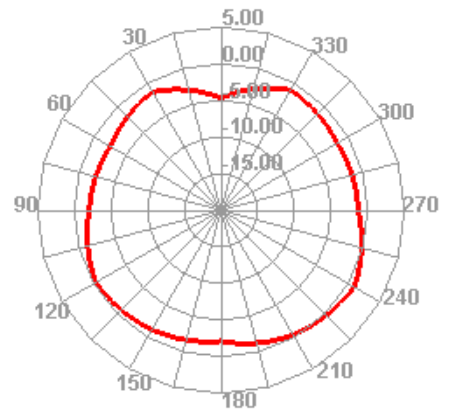
2450MHz E1



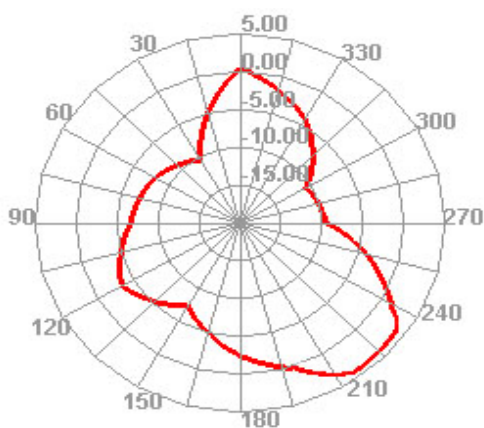
5150MHz E1



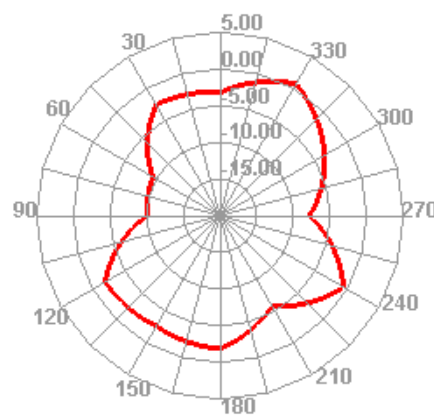
5825MHz E1



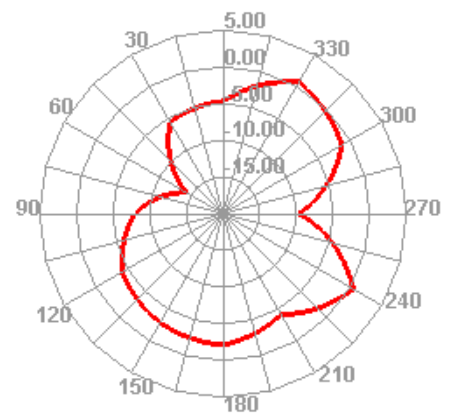
2450MHz E2



5150MHz E2



5825MHz E2



2450MHz

5150MHz 3D

5825 MHz

