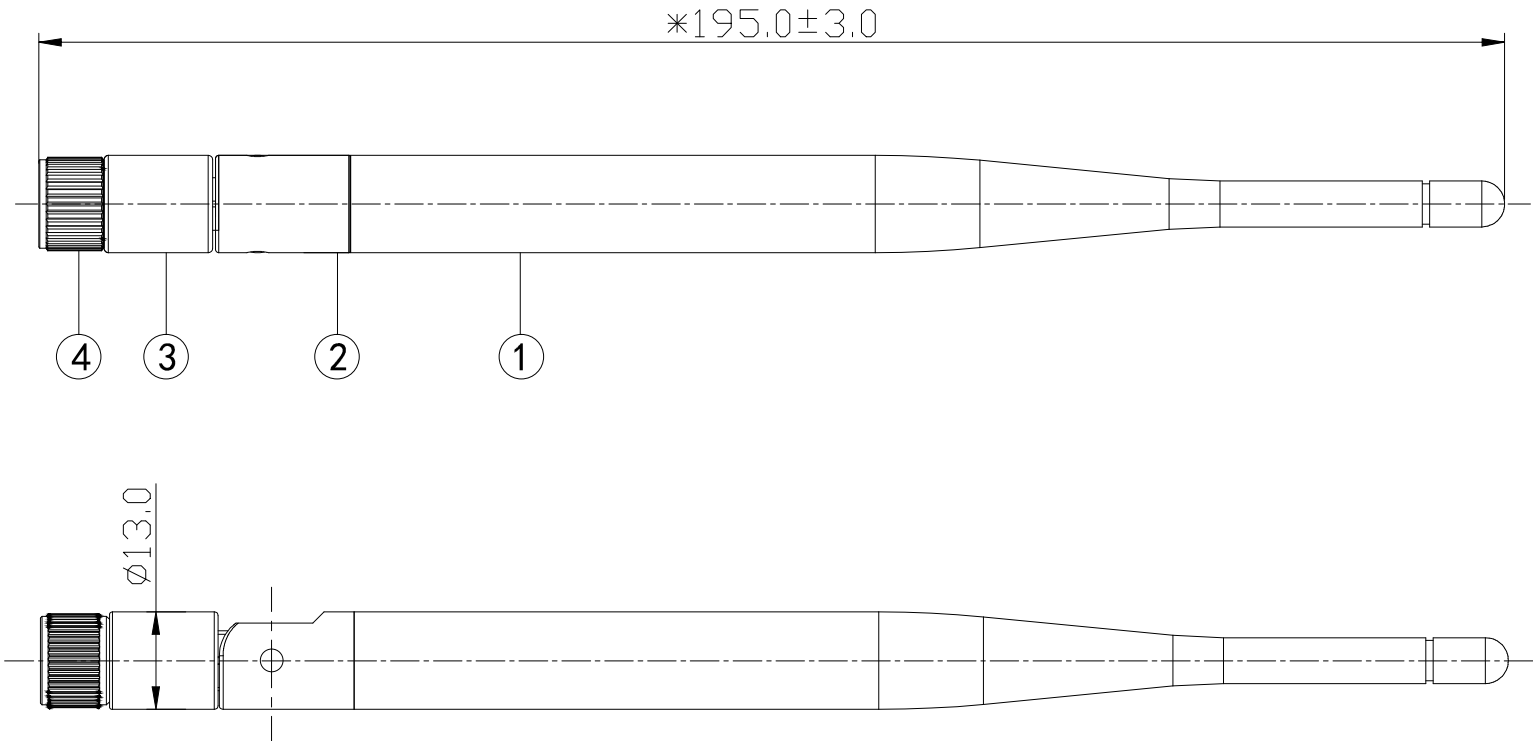
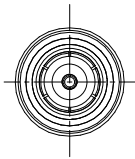


Acknowledgement List

NO.	Content (Contents)	Page count (Number of Page)	Page number (Page Code)
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SIGN	DATE	DESCRIPTION	APPROVER



4	SMA194-CCT5AN19	SMA Male Reverse	Cu	Eletroedeposition	1
3	AN03-T07B	Body1	PA+ABS	Black	1
2	AN9201-07B	Body2	ABS	Black	1
1	AN9201-04B	Body1	TPE	Black	1
No.	Part Number	Description	Material	Finish	Q'ty

Dongguan Chuangjie Electronics Co., LTD					
TITLE:4G 6dBi Antenna					
PART NO.: AN1120-0195Z-01			DWG NAME: AN1120-0195Z-01.dwg		
APPROVED BY		CHECKED BY		DESIGNED BY	 Tolerance
jeff 2011-06-17		leon 2011-06-17		YD 2011-06-17	
				UNITS: mm	X.X 0.30
				SCALE: 1/1	X.XX 0.10
				REVISION: A	XA NA

Electrical Test Report

Test Reports

Sample Photo



A. Electrical Characteristics

Frequency	700 ~ 960 MHz 1710 ~ 2700 MHz
S.W.R.	≤ 3.0
Antenna Gain	6 dBi
Polarization	Linear
Impedance	50 Ohm

B. Material & Mechanical Characteristics

Material of Radiator	Cu
Material of Plastic	Body: TPE Hinge: PA+ABS Holder: PA+ABS
Cable Type	RG-178
Connector Type	SMA Male Reverse
Connector Pull Test	≥ 3 Kg
Connector Torque Test	200~600g.cm

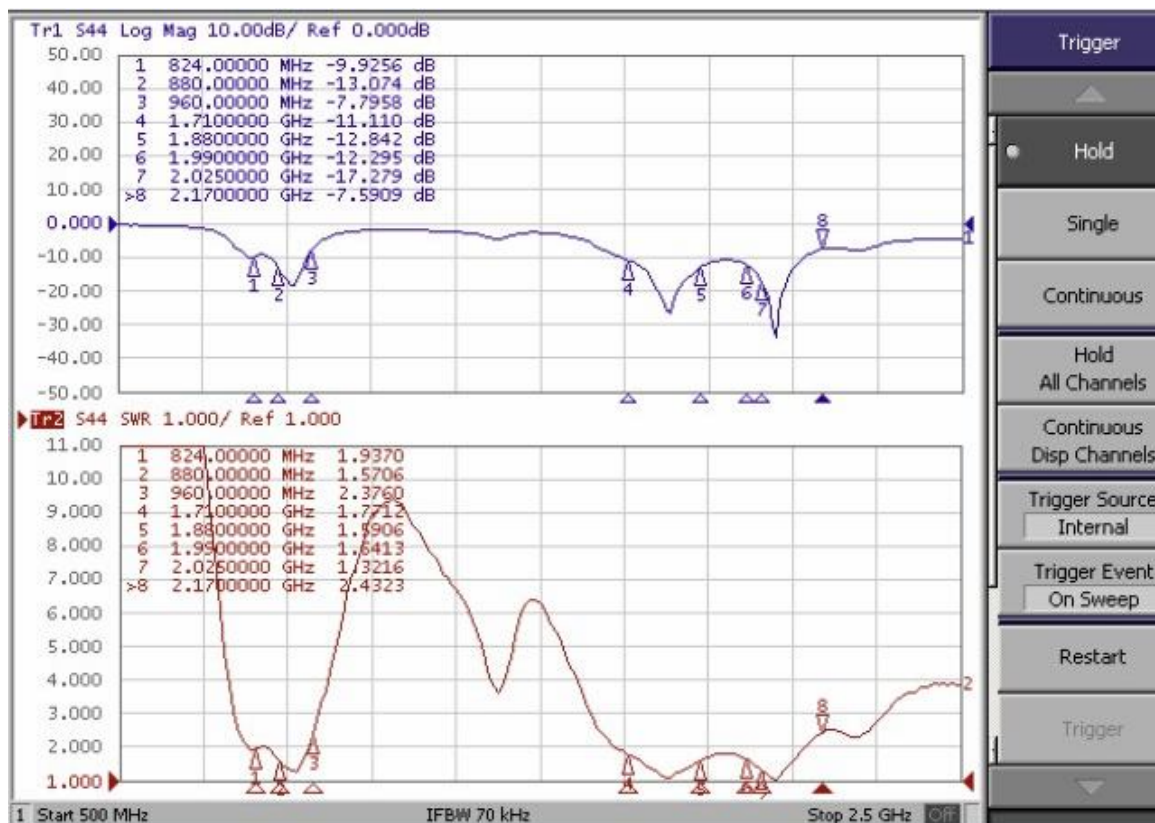
C. Environmental

Operation Temperature	- 40 °C ~ + 65 °C
Storage Temperature	- 40 °C ~ + 80 °C

S parameter test

S Parameter Test

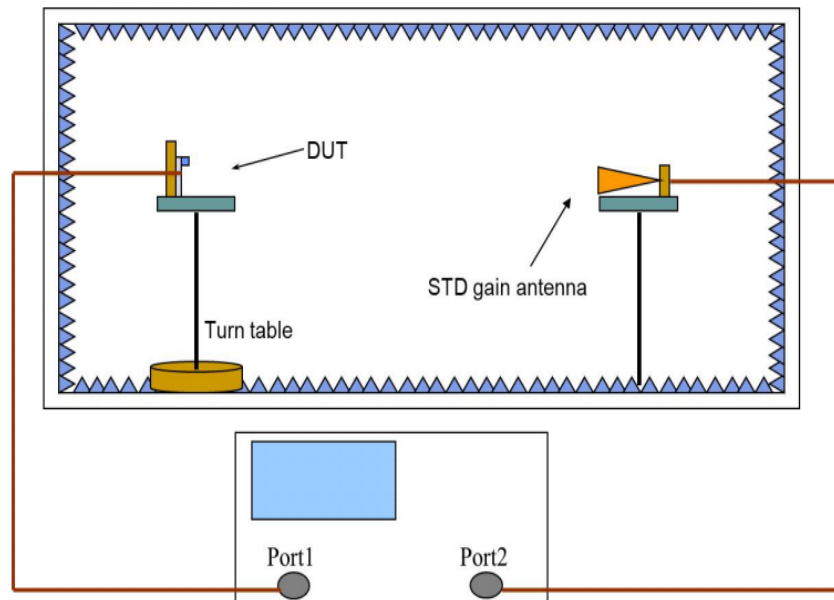
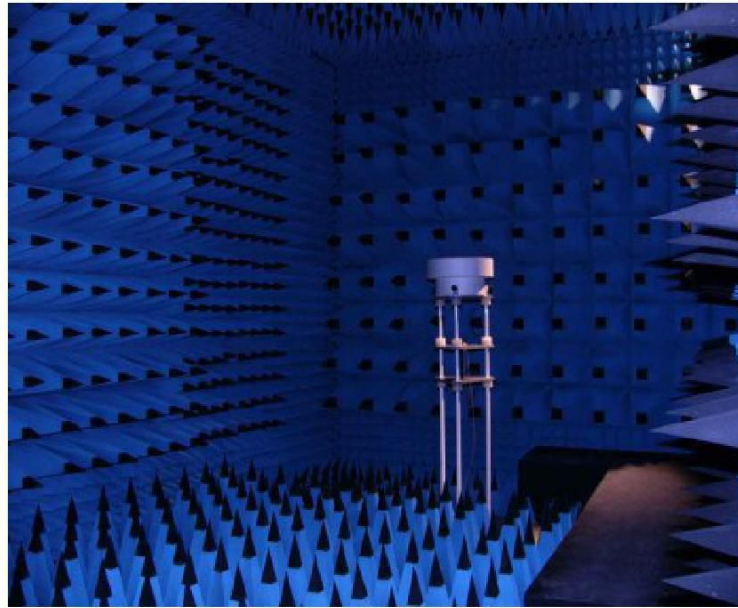
Agilent E5071C



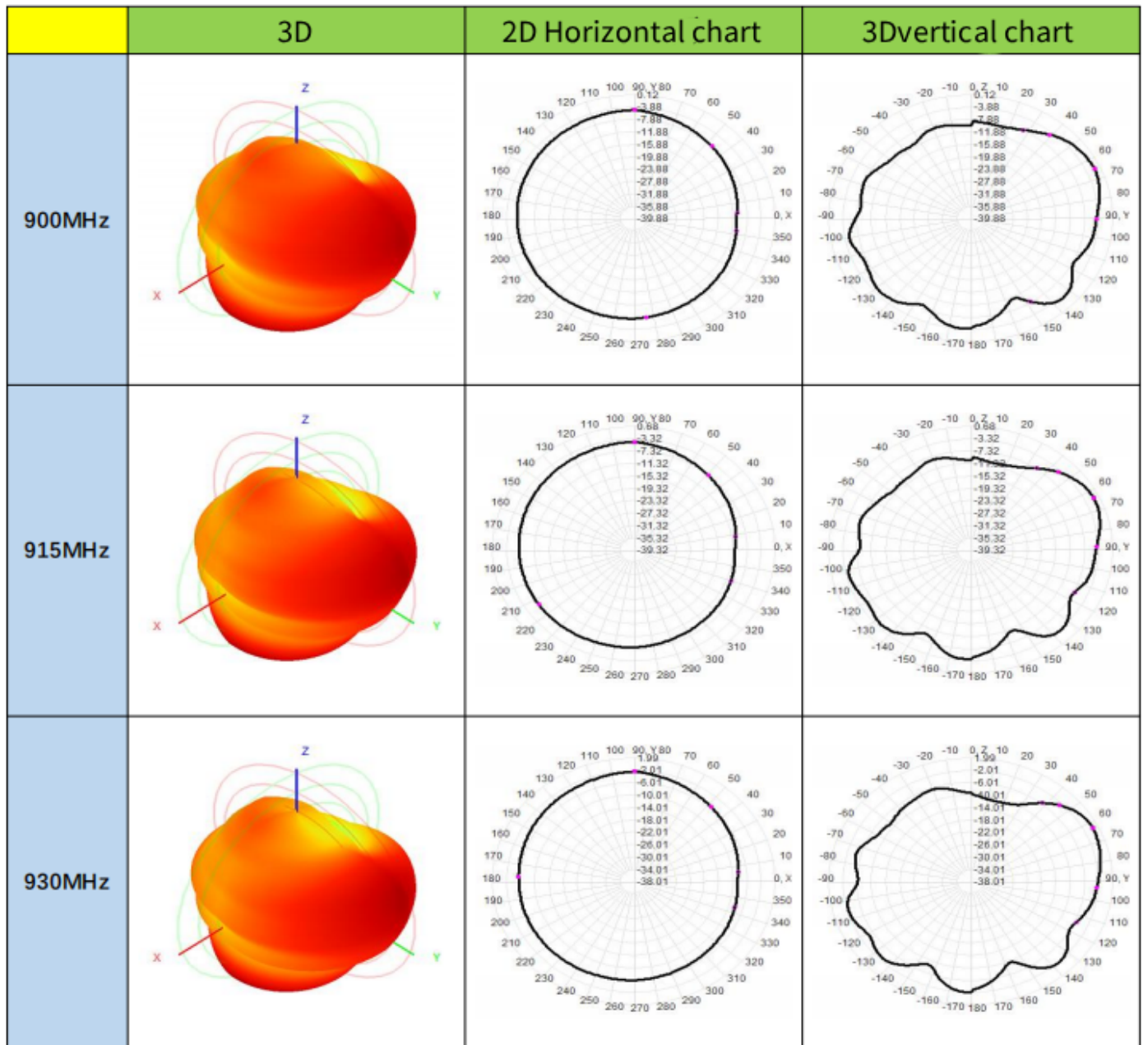
Gain testing

Gain Test

*Antenna
Radiation
Pattern
VS Gain*



Field pattern diagram



Gain and Efficiency Table

Frequency(MHz)	Gain(dBi)	Efficiency(%)
900	0.1	24.2
905	0.1	23.9
910	0.3	25.2
915	0.7	27.4
920	1.1	30.7
925	1.7	35.1
930	2.0	37.8