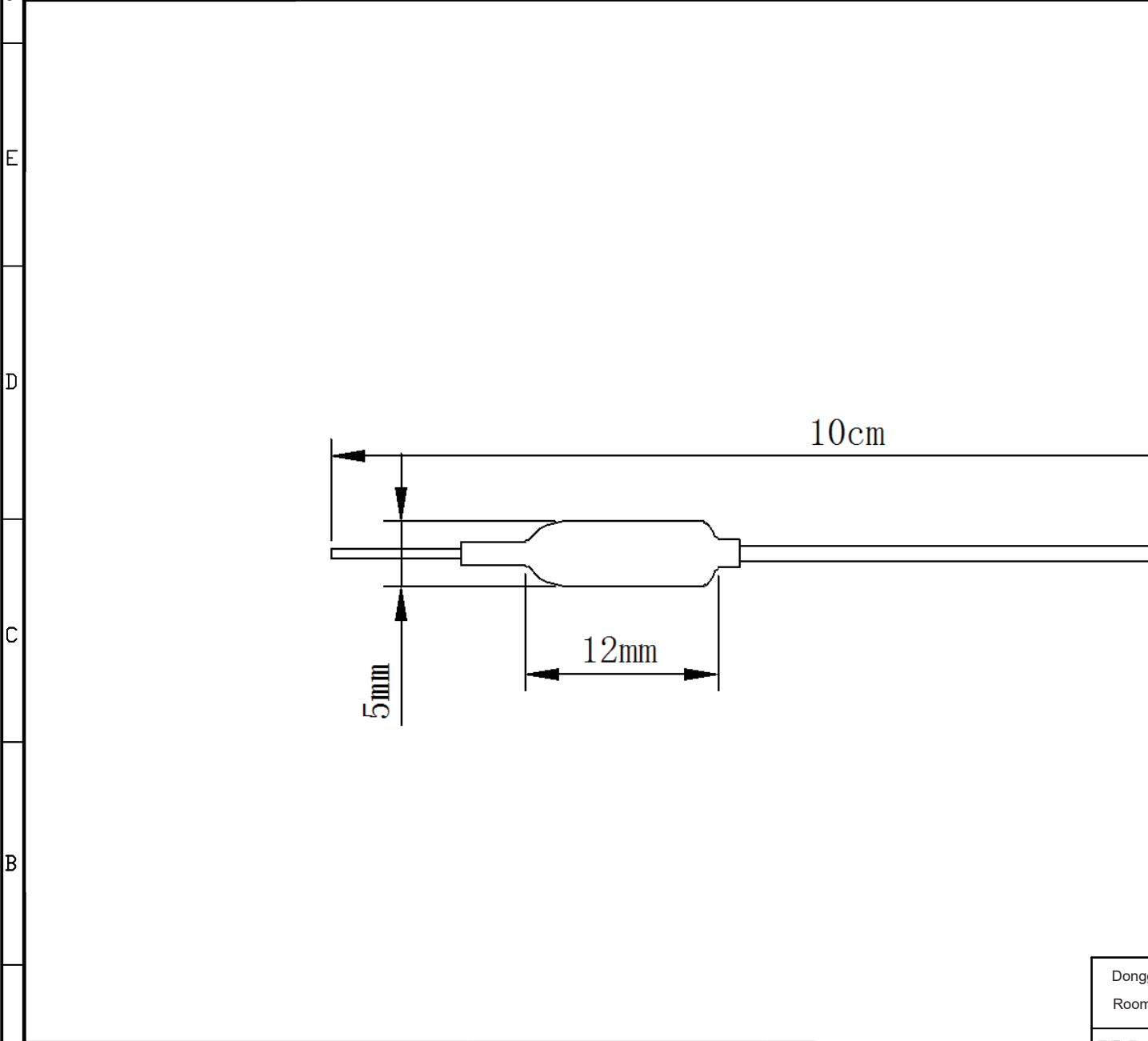


5GCU-IPEX-10CM



SIGN	DATE	DESCRIPTION	APPROVER

3	5GCU-IPEX-10CM	CU	12*5mm	1
2	R-CB-113B	Coaxial Cable	O.D. 1.13mm Black	1
1	CI-113	Connector	Mini Connector	1
No.	Part Number	Name	Material	Q'ty

Dongguan Chuangjie Electronics Co., Ltd.			
Room 413, No. 61, Ningxin Middle Road, Humen Town, Dongguan City, Guangdong Province			
TITLE: 5G 5.8G Antenna			
PART NO: 5GCU-IPEX-10CM			DWG NAME:
APPROVED BY	CHECKED BY	DESIDNED BY	
jeff 2014-03-18	leon 2014-03-18	YD 2014-03-18	Tolerance
			UNITS: mm
			SCALE: 1/1
			REVISION: A
			X.X ±0.20
			X.XX ±0.10
			X° ±3°

电性测试报告

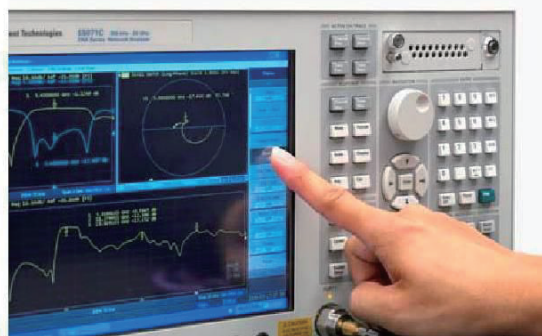
Test Reports

Sample Photo	
	
A. Electrical Characteristics	
Frequency	4900 ~ 5900 MHz
S.W.R.	≤ 2.0 @ 4900 ~ 5900 MHz
Impedance	50 Ohm Nominal
Return Loss	-10 dB Max
Radiation	Omni-directional
Cable Loss	2 dB / m Max
Polarization	Linear, Vertical
GAIN (dBi)Max	2.00
Connector	IPEX
Physical Properties	
Antenna Material	CU
Cable Type	O.D. 1.13mm // 50 mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C

S 参数测试

S Parameter Test

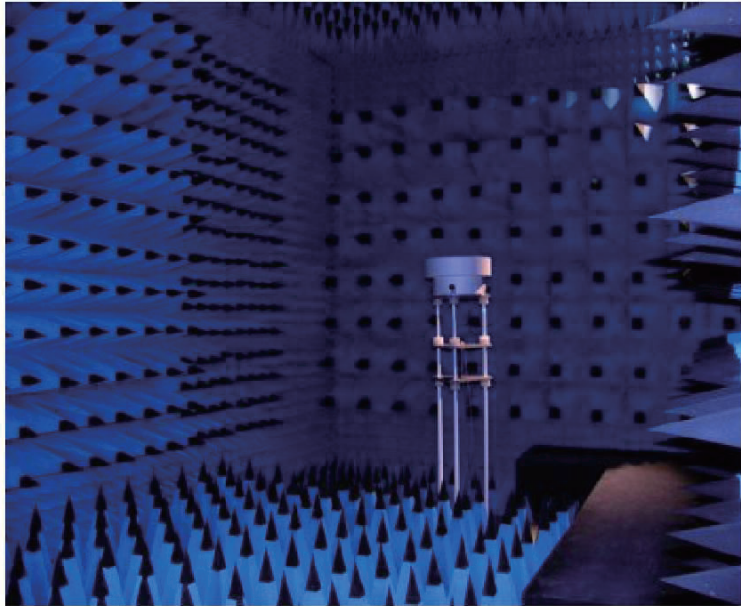
Agilent E5071C

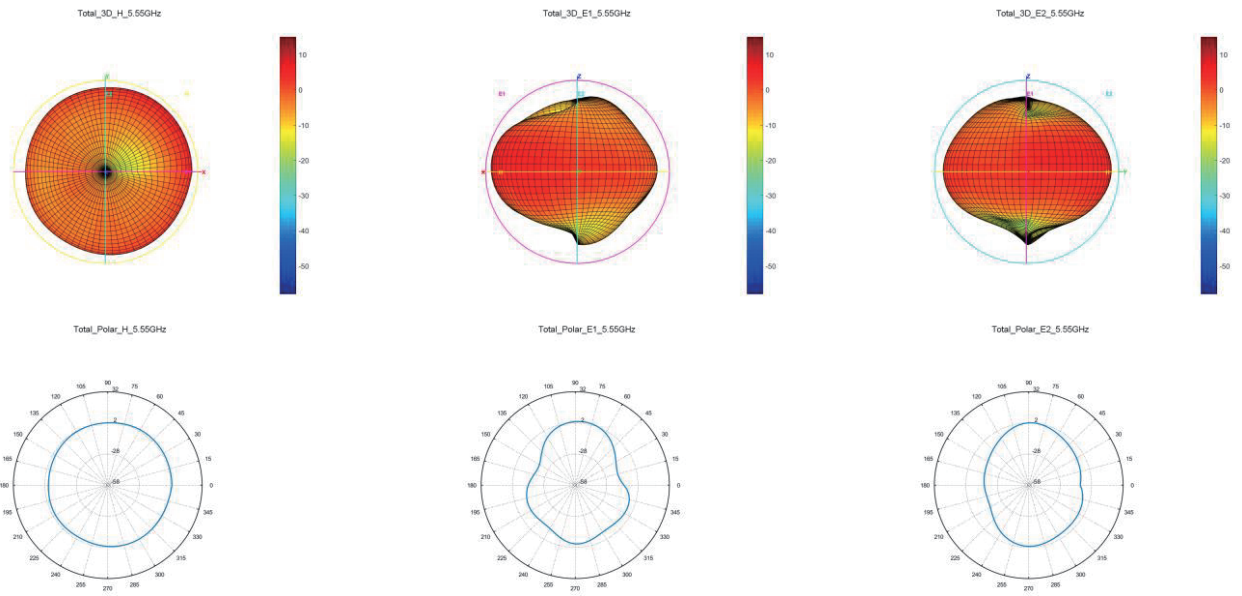


增益测试

Gain Test

*Antenna
Radiation
Pattern
VS
Gain*





Frequency	5.15GHz	5.2GHz	5.25GHz	5.3GHz	5.35GHz	5.4GHz	5.45GHz	5.5GHz	5.55GHz	5.6GHz	5.65GHz	5.7GHz	5.75GHz	5.8GHz	5.85GHz
Efficiency (%)	62.23	63.07	63.04	61.82	53.2	65.28	59.44	58.19	65.59	64.52	56.44	58.62	62.62	62.05	64.61
Gain (dBi)	1.41	2.0	1.44	1.34	1.41	1.19	1.55	1.21	1.76	1.54	1.11	1.34	1.85	1.2	1.80