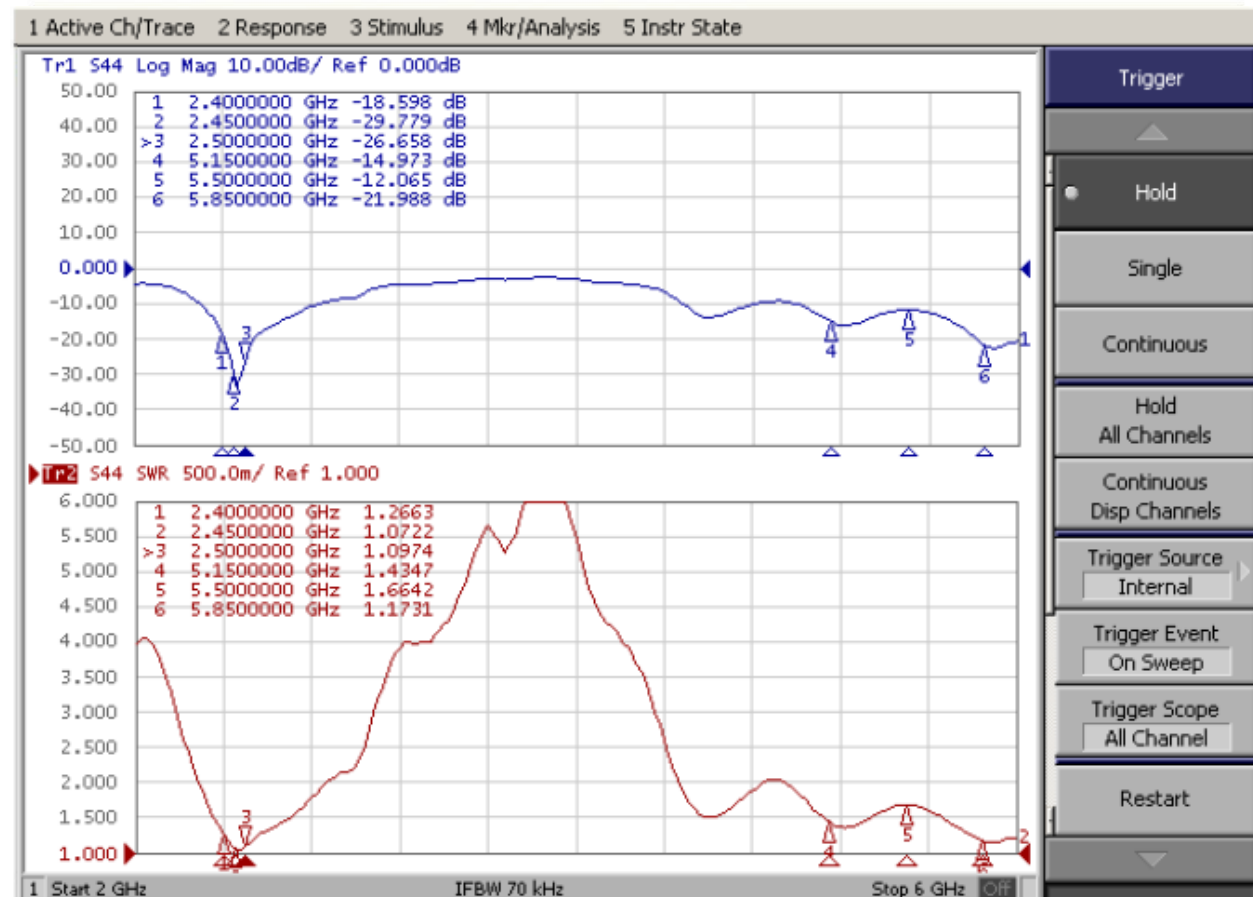
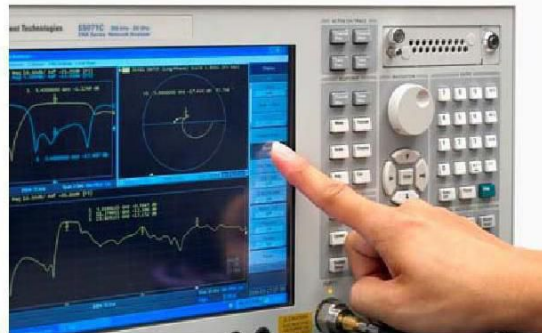


Test Reports

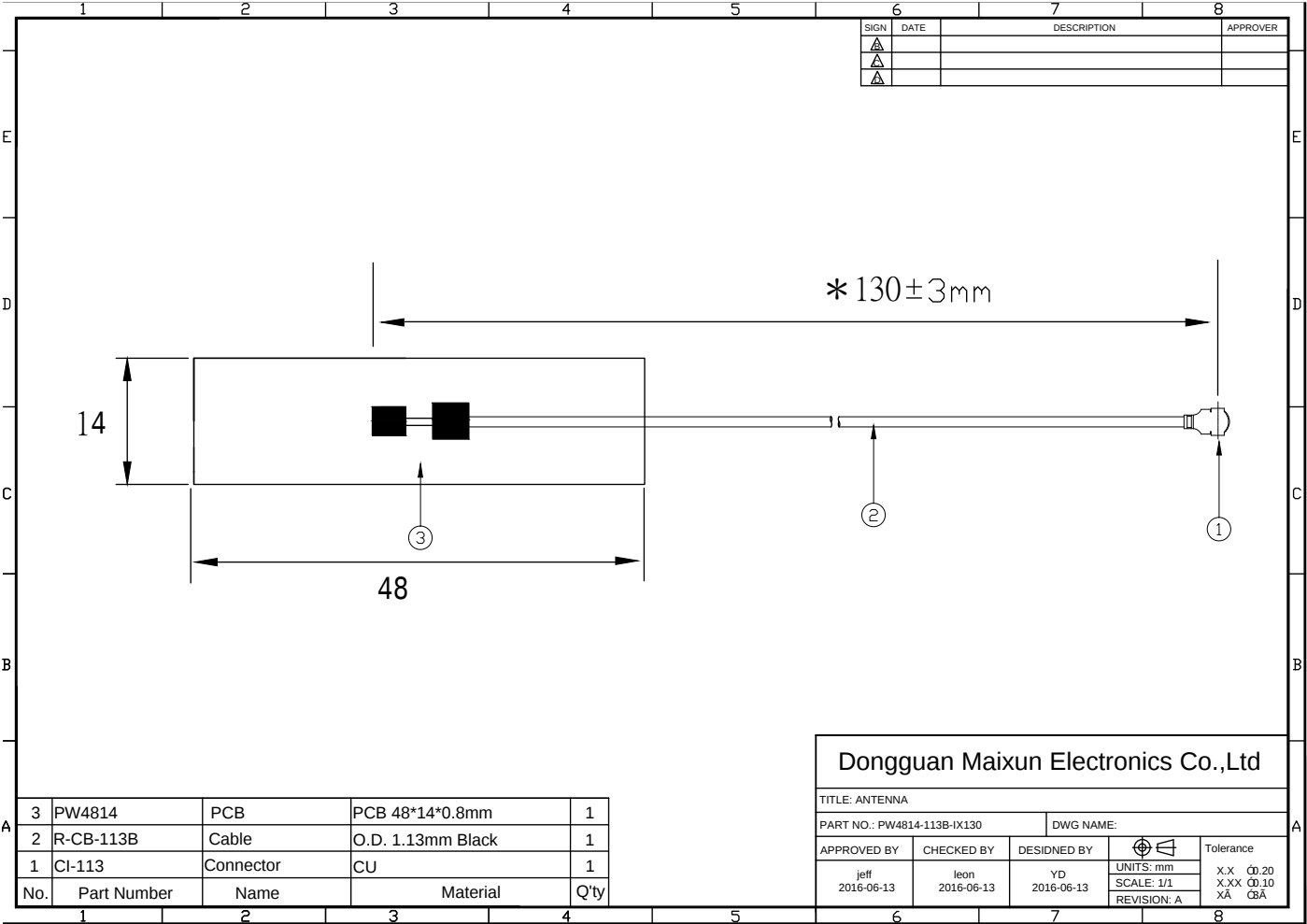
Sample Photo	
A. Electrical Characteristics	
Frequency	2400 ~ 2500 MHz
S.W.R.	≤ 2.5 @ 2400 ~ 2500 MHz
Antenna Gain	3.08dBi Max
Impedance	50 Ohm Nominal
Return Loss	-10 dB Max
Radiation	Omni-directional
Cable Loss	4.9 dB / m Max @ 5000 MHz
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	13
Physical Properties	
Antenna Material	PCB
Cable Type	O.D. 1.13mm // 125 mm
Operating Temp.	-35 ~ +60 °C
Storage Temp.	-35 ~ +70 °C

S Parameter Test

Agilent E5071C



Tel:0769-33691210 Fax:0769-82381572



SIGN	DATE	DESCRIPTION	APPROVER
△			
△			
△			

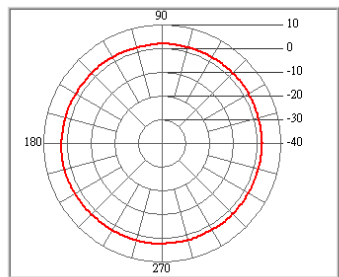
3	PW4814	PCB	PCB 48*14*0.8mm	1
2	R-CB-113B	Cable	O.D. 1.13mm Black	1
1	CI-113	Connector	CU	1
No.	Part Number	Name	Material	Q'ty

Dongguan Maixun Electronics Co.,Ltd				
TITLE: ANTENNA				
PART NO.: PW4814-113B-IX130			DWG NAME:	
APPROVED BY	CHECKED BY	DESIGNED BY		Tolerance
jeff 2016-06-13	leon 2016-06-13	YD 2016-06-13		UNITS: mm
				SCALE: 1/1
				REVISION: A
				X.X 0.20 X.XX 0.10 XA 0.05

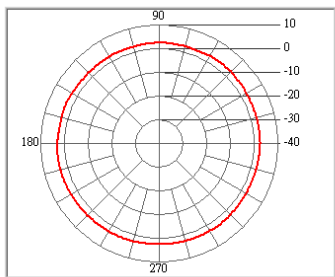
Model : 2.4/5G Antenna // Sample 2.4G
Remark : H-Plane // V-POL
Tested by :CORTEC Antenna 3D Lab // Isaac

Location: Chamber Date: 2021/6/25 Time: 15:45:28
Temperatuer (°C): 25.00 Humidity (%): 65.00 Approved by:

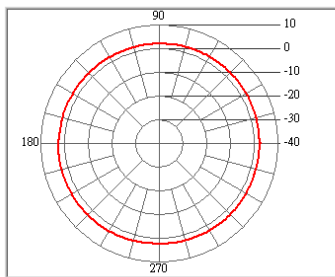
Freq. (MHz)	2390	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Peak Gain (dBi)	2.59	3.03	2.71	2.84	3.08	2.74	2.97	3.04	2.82	3.06	3.27	3.08
Peak Degree	192	192	223	192	192	202	213	223	234	254	182	0
AV Gain (dBi)	2.14	2.57	2.32	2.35	2.61	2.17	2.49	2.59	2.37	2.76	2.73	2.54



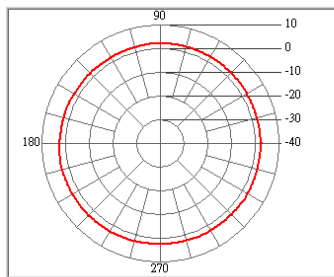
2390



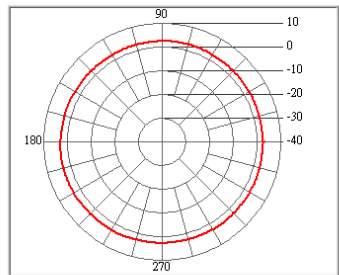
2400



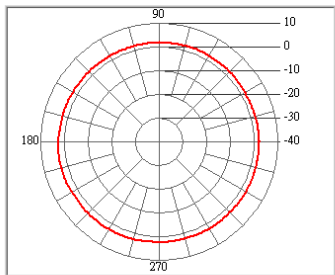
2410



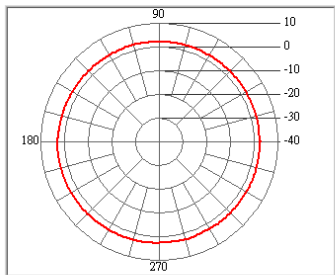
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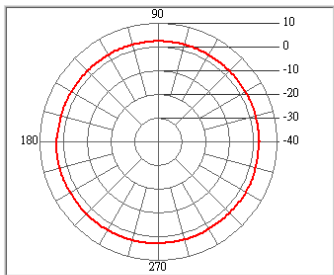
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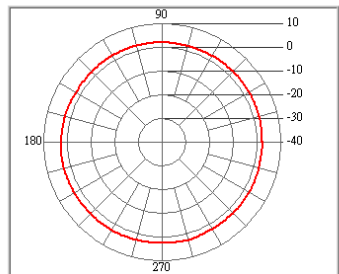
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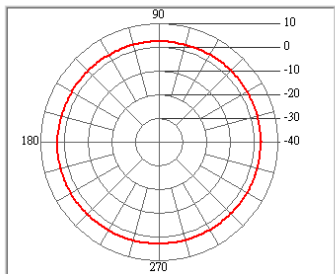
2450



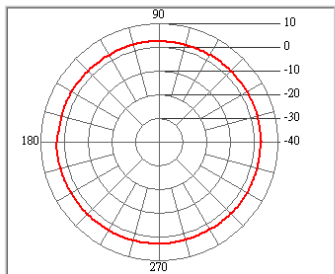
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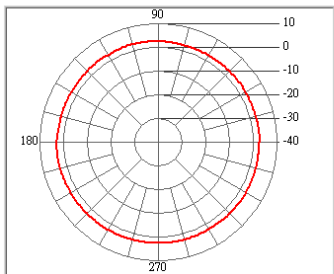
2470



2480



2490



2500