承认书项目表

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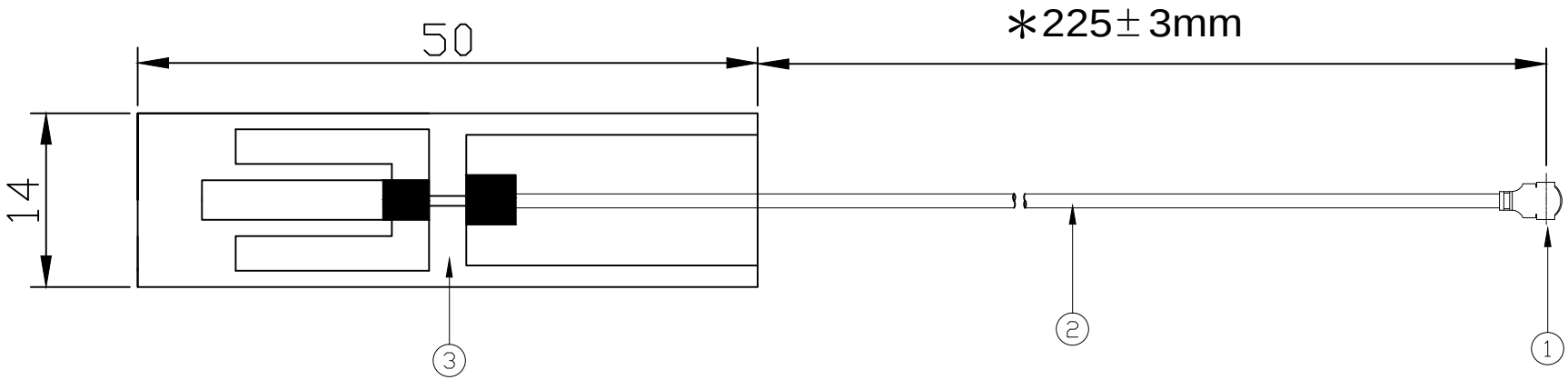
SIGN	DATE	DESCRIPTION	APPROVER
A			
B			
C			



No.	Part Number	Name	Material	Q'ty
3	MX2400G-081B	FPC	FPC 50*14*0.1mm	1
2	R-CB-081B	Coaxial Cable	O.D. 0.81mm Black	1
1	CI-113	Connector	IPEX(U.FL/IPX)	1

东莞市创捷电子有限公司

TITLE:WIFI ANTENNA

PART NO.: MX2400G-081B-225LX

DWG NAME:

APPROVED BY	CHECKED BY	DESIDNED BY	
jeff 2014-03-18	leon 2014-03-18	YD 2014-03-18	UNITS: mm SCALE: 1/1 REVISION: A

Tolerance

X.X Ñ0.20
X.XX Ñ0.10
XÁ ÑÁ

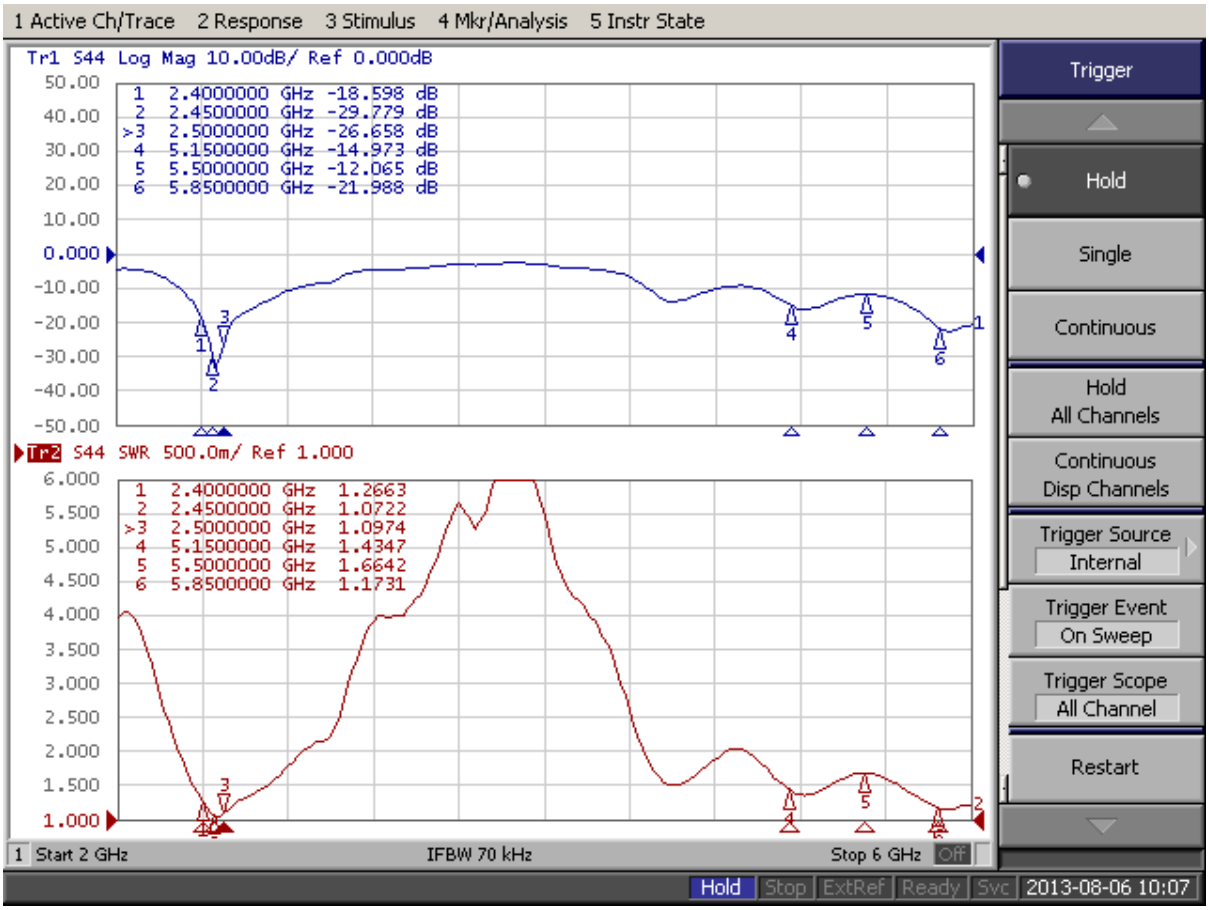
电性测试报告
Test Reports

Electrical Properties	
Frequency	2.4~2.5GHz 4.9~5.9GHz
Impedance	50 0hm Nominal
V.S.W.R	1.92 : 1 Max
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	5G: 3.28dBi, 2.4G: 3.21dBi
Cable Loss	1.5dB / m Max @ 2450 MHz
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	ipex
Physical Properties	
Antenna Material	FPC
Cable Type	O.D. 1.13mm // 105 mm
Operating Temp.	-10 ~ +60 ˚C
Storage Temp.	-10 ~ +70 ˚C
Cable Color	Black

S 参数测试

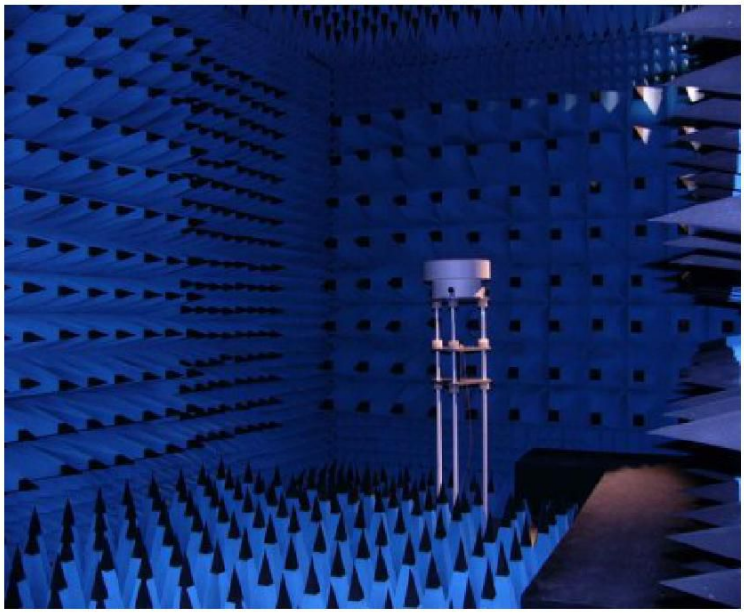
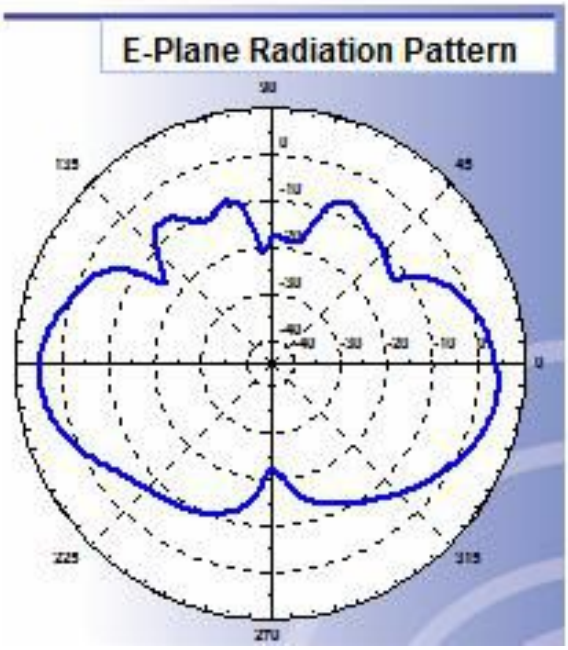
S Parameter Test

Agilent E5071C	



ADD：东莞市虎门镇大宁麒麟东路6号 Tel:15818375487

增益测试
Gain Test

Antenna Radiation Pattern VS Gain	
	

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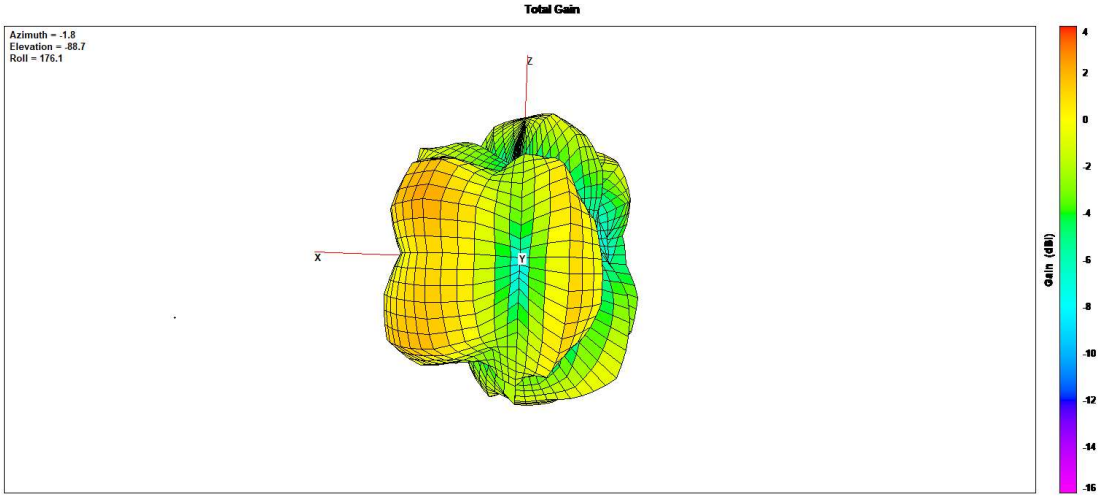
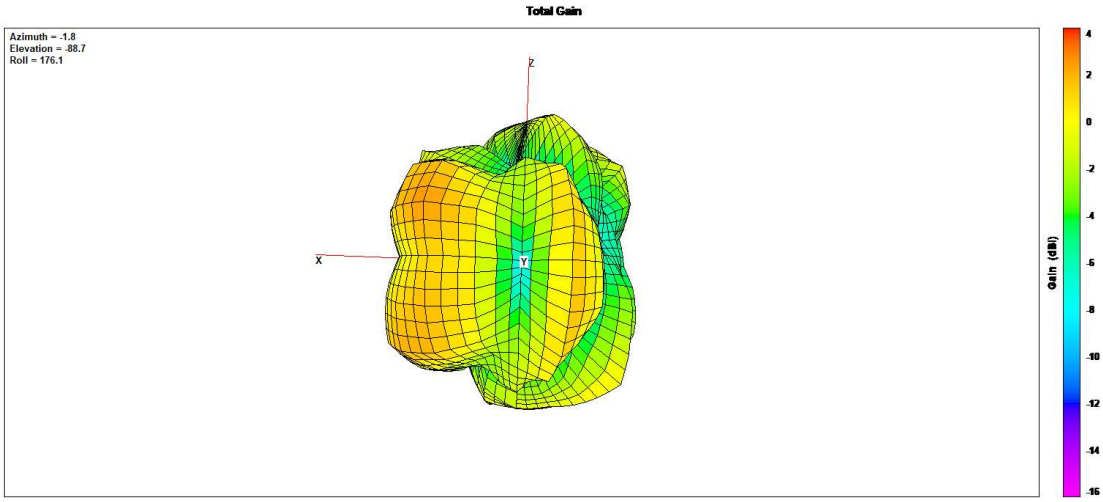
附：OTA 测试数据

Frequency(MHz)	Gain (dBi)
2400	2.69
2450	2.84
2500	3.21
5150	2.95
5200	3.28
5250	3.12
5700	2.83
5775	2.65
5850	2.46

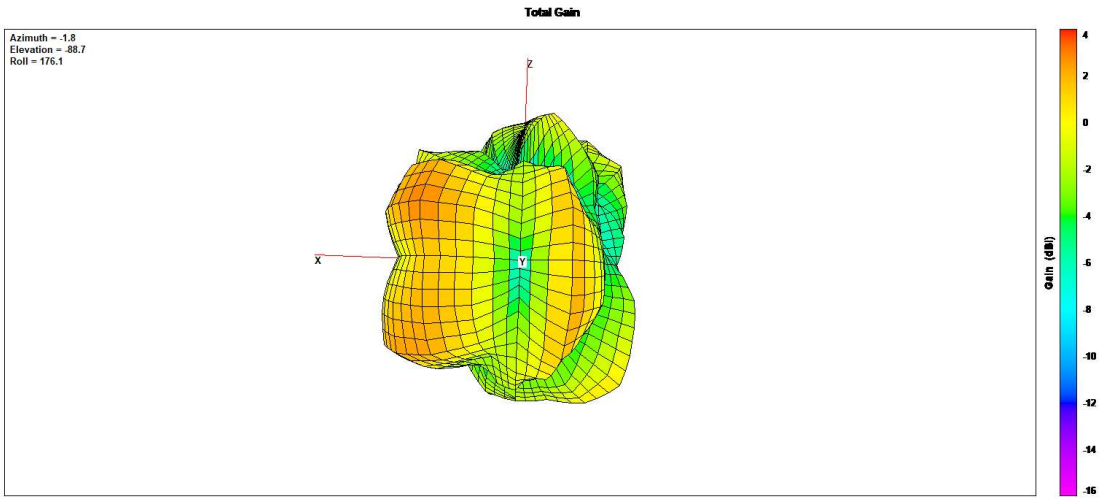
Frequency=2400MHz



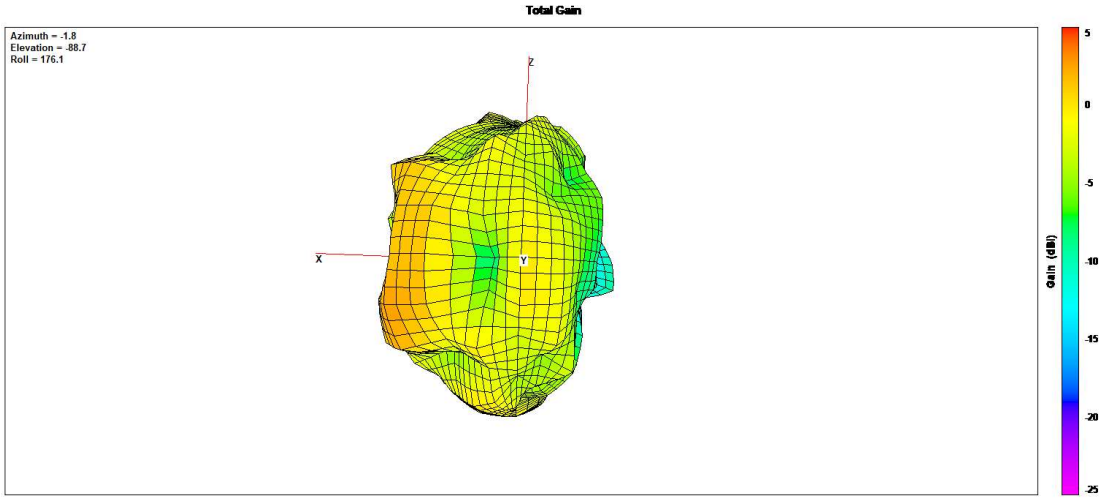
Frequency=2450MHz



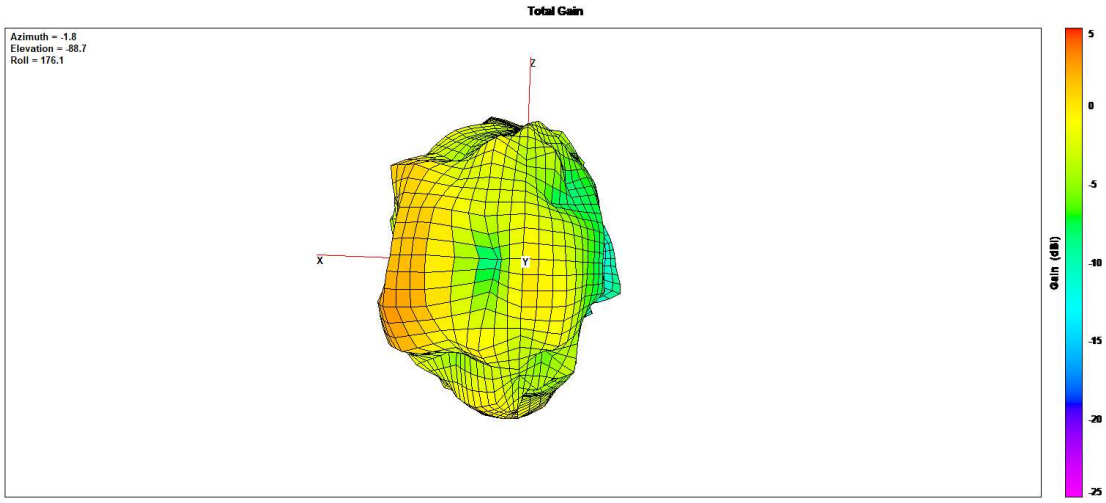
Frequency=2500MHz



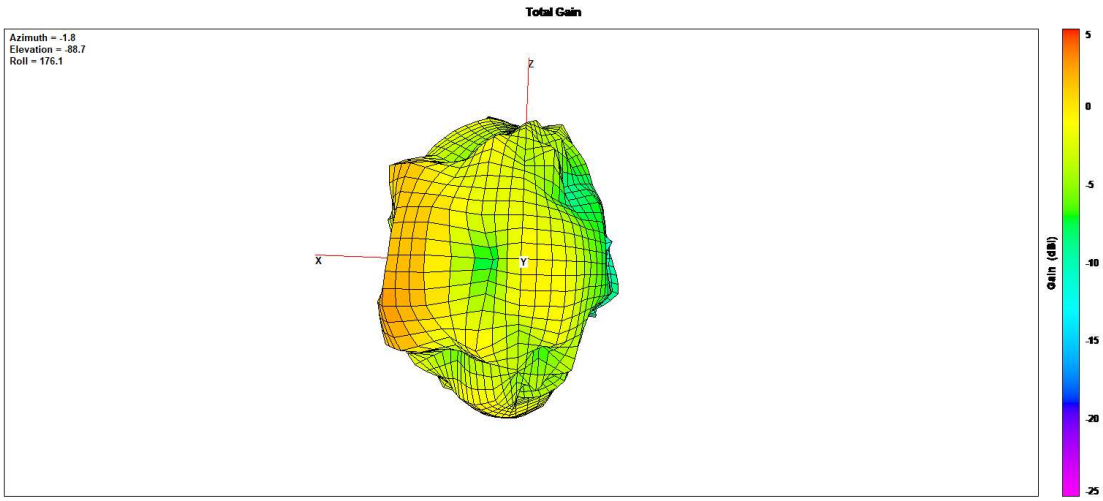
Frequency=5150MHz



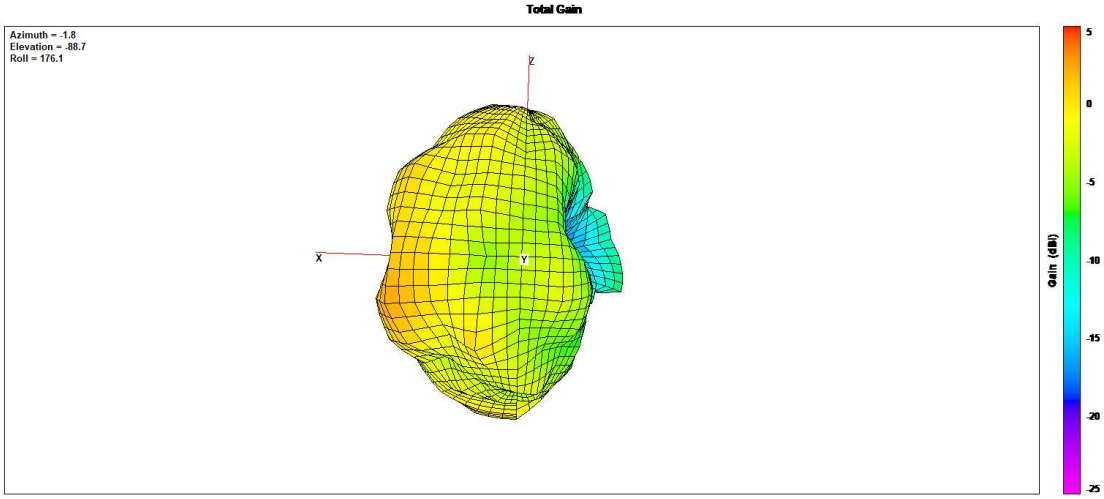
Frequency=5200MHz



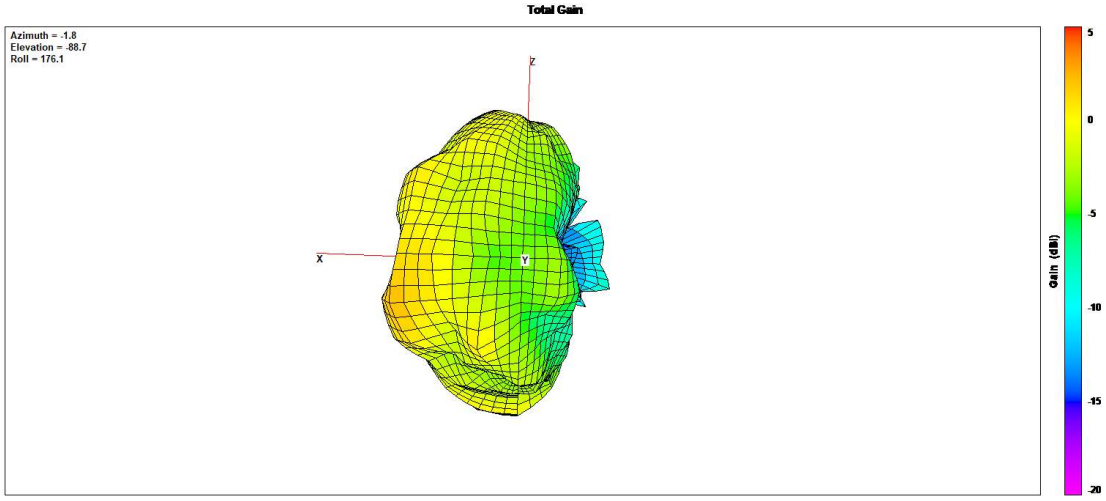
Frequency=5250MHz



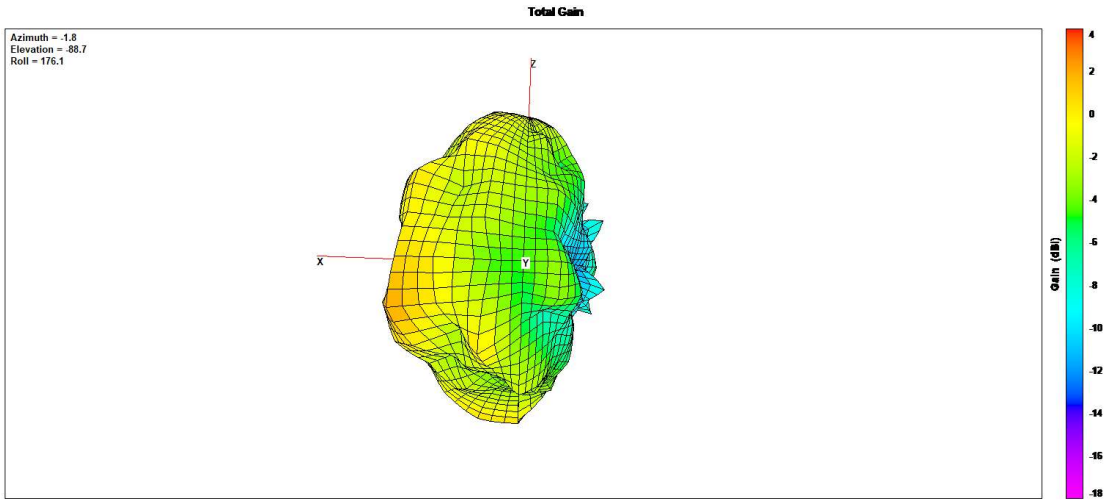
Frequency=5700MHz



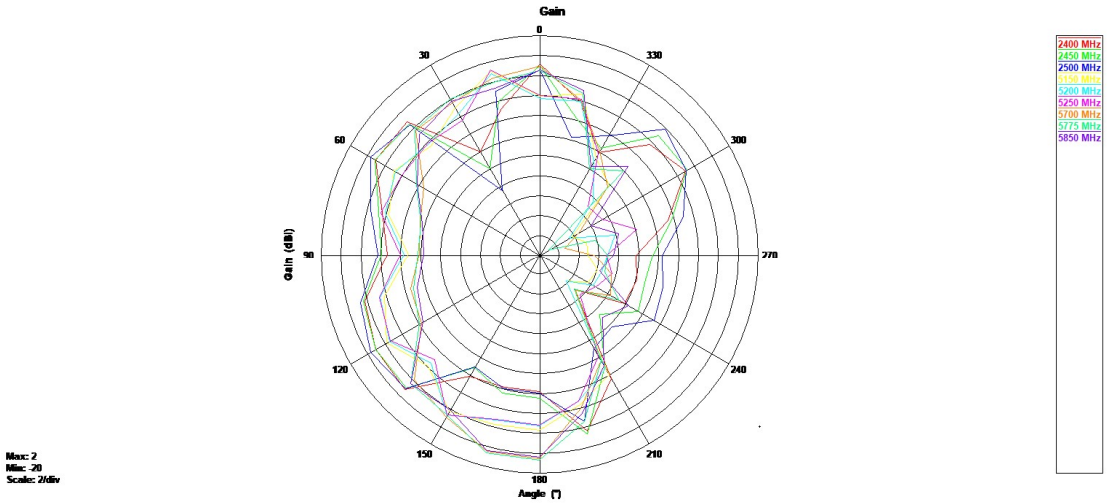
Frequency=5775MHz



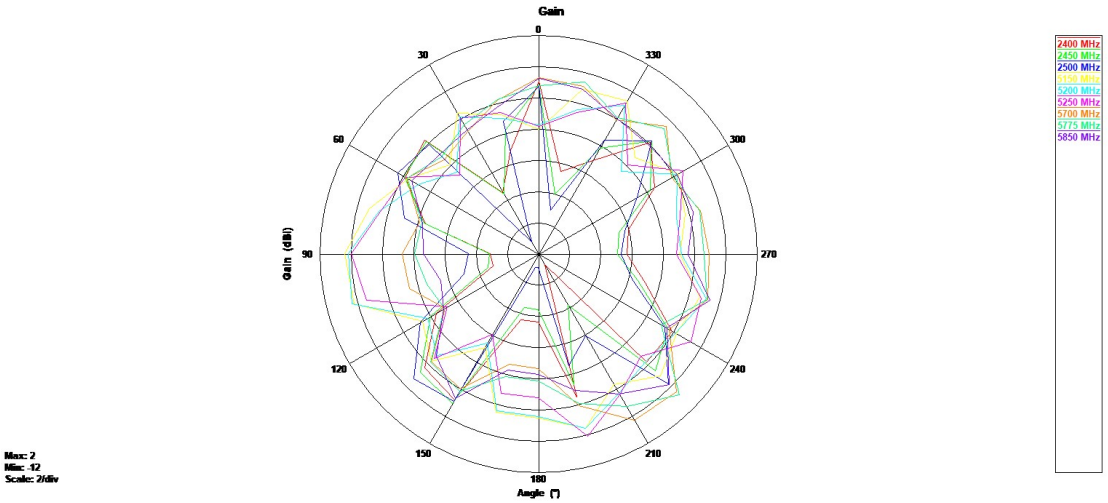
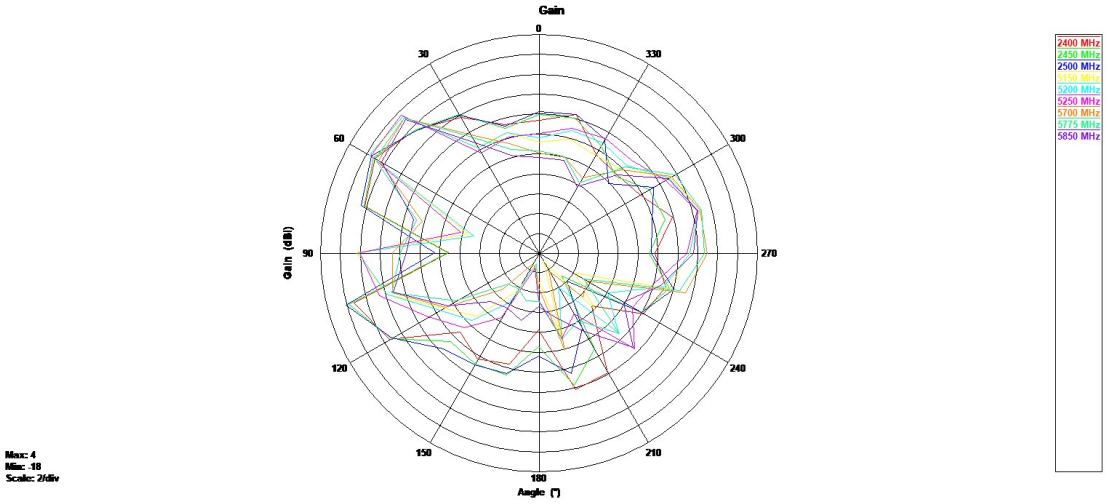
Frequency=5850MHz



phi=0°



phi=90°



theta=90°