

APPROVAL SHEET

擁瞬科技股份有限公司

YONG-SHUN TECHNOLOGY CO., LTD

Customers: 易通展科技股份有限公司

Date: 2011/12/5

Customer P/N	
Yong-Shun P/N	AN-151RRSU00
Production Description	2.4/5.XGHz Antenna(024白色) 5dBi/5dBi
Version	B

Approved By Customer	Approved By Yong-Shun

Approve	Chief	Responsible
Hunter	Frank	Jimmy

YONG-SHUN Technology Co., LTD.

擁瞬科技股份有限公司

Address: 4f.,No.2-2,Ln.85, Sanfu St., Shulin Dist., New Taipei City 238, Taiwan (R.O.C.)

Tel: +886-2-26897577 Fax: +886-2-26898357

Xinxie Technology Co., LTD. (Shenzhen)

欣協科技有限公司 (深圳廠)

Address: Nanbiantou Industrial Area, Dongfang Village, Songgang Town, Shenzhen City, China

Tel : +86-755-27553831 Fax : +86-755-27092799

擁瞬科技股份有限公司

YONG-SHUN TECHNOLOGY CO., LTD

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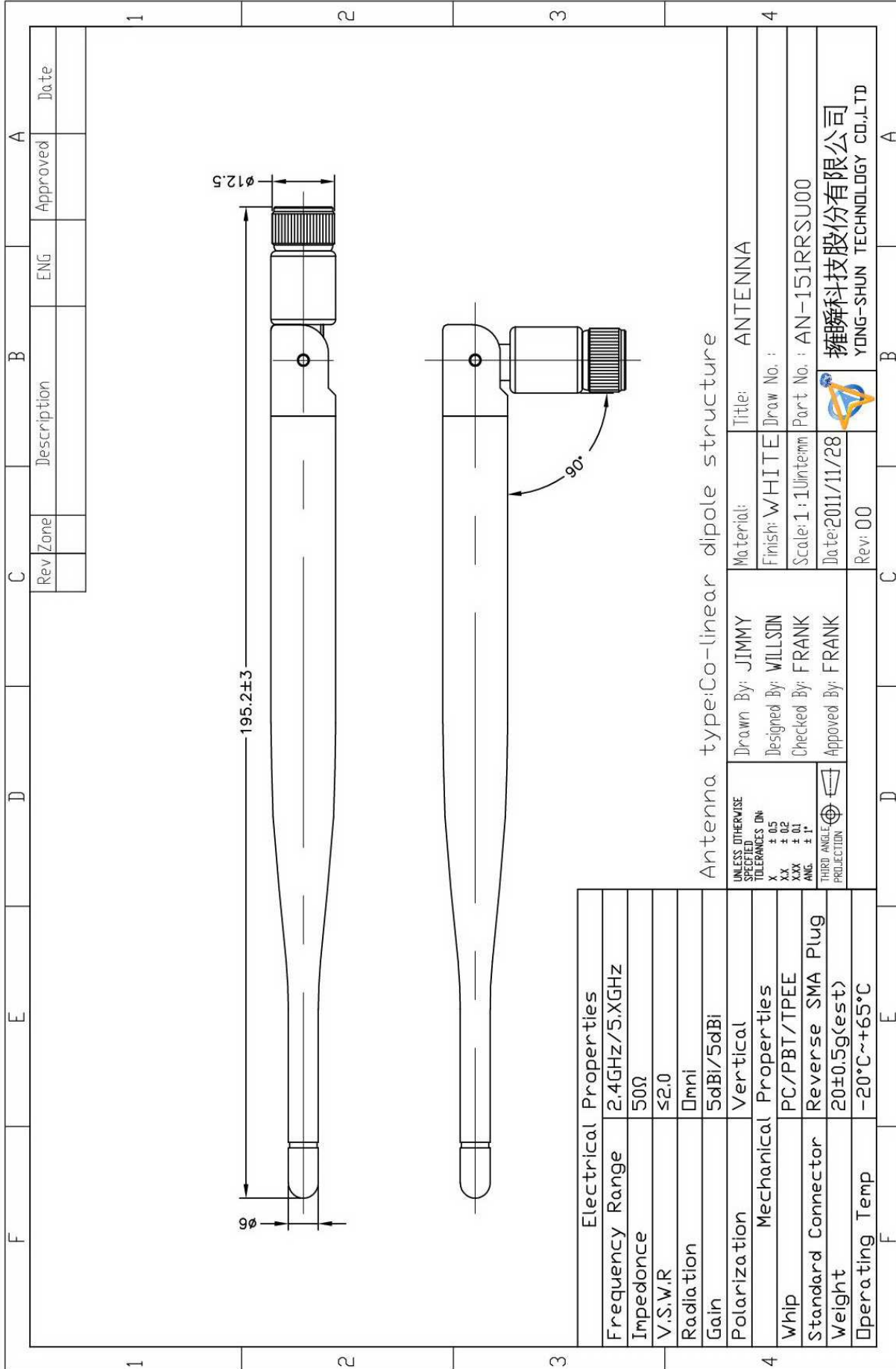
-Carton

Modification History:

REV.	Date	Content
0	2011/12/5	

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Electrical Properties	
Frequency Range	2.4GHz/5.XGHz
Impedance	50Ω
V.S.W.R	≤2.0
Radiation	Omni
Gain	5dBi/5dBi
Polarization	Vertical
Mechanical Properties	
Whip	PC/PBT/TPEE
Standard Connector	Reverse SMA Plug
Weight	20±0.5g(est)
Operating Temp	-20°C~+65°C

Antenna type:Co-linear dipole structure

Drawn By: JIMMY	Material: ANTENNA	Title: ANTENNA
Designed By: WILLSON	Finish: WHITE	Draw No. :
Checked By: FRANK	Scale: 1 : 1(1mm)	Part No. : AN-151RRSU00
Approved By: FRANK	Date: 2011/11/28	擁瞬科技股份有限公司
	Rev: 00	YONG-SHUN TECHNOLOGY CO.,LTD

UNLESS OTHERWISE SPECIFIED TOLERANCES IN:
 X ± 0.5
 XX ± 0.2
 XXX ± 0.1
 ANG. ± 1°
 THIRD ANGLE PROJECTION

Rev Zone	Description	ENG	Approved	Date

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Electrical Properties

Frequency range	2.4GHz/5.xGHz
Impedance	50Ω
V.S.W.R	≤2.0
Radia tion	Omni-directional
Gain	5dBi/5dBi
Polarization	Vertical

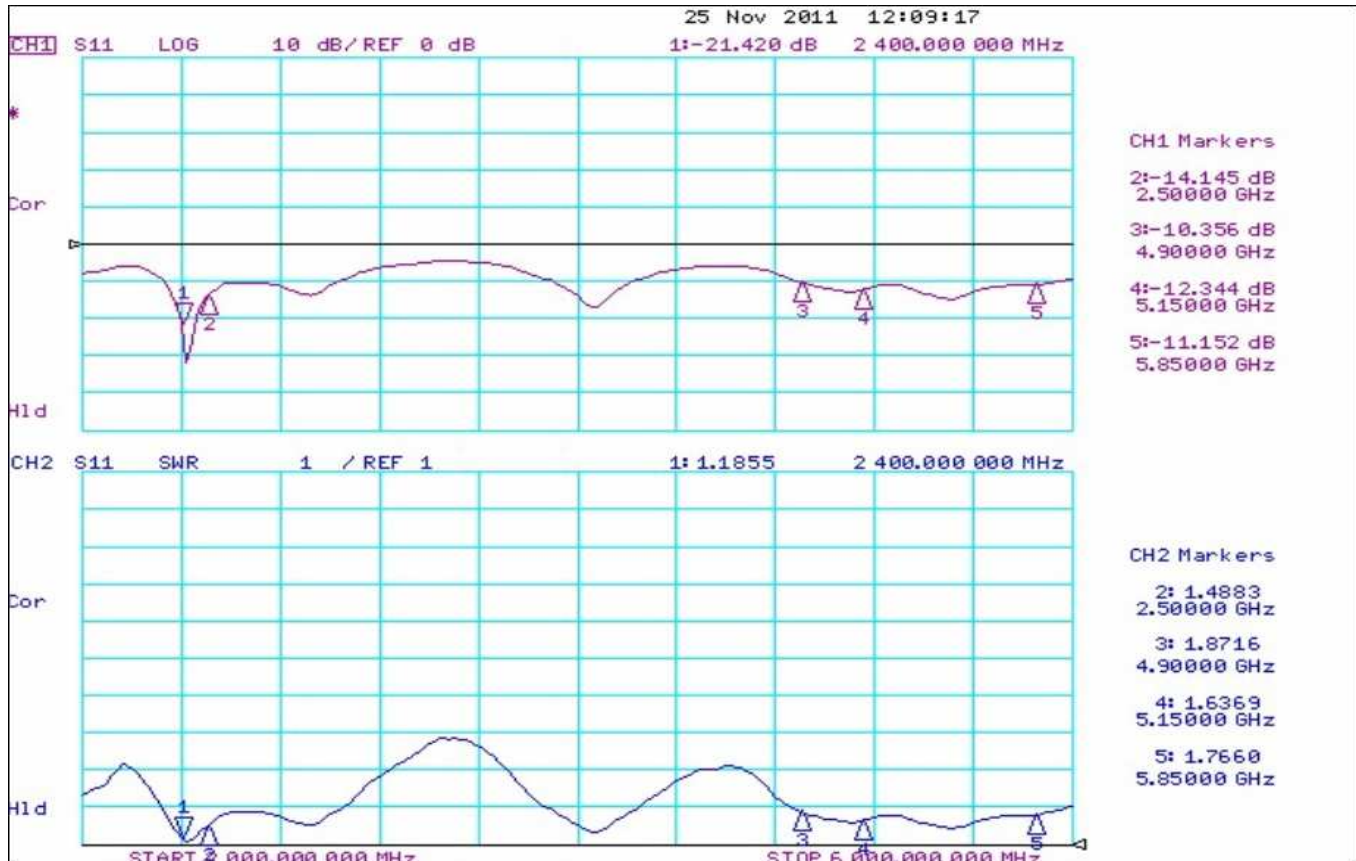
Mechanical Properties

Whip	PC/PBT/TPEE
Standard connector	Reverse SMA PLUG
Weight	20±0.5g
Operating Temp	-20°C+65°C

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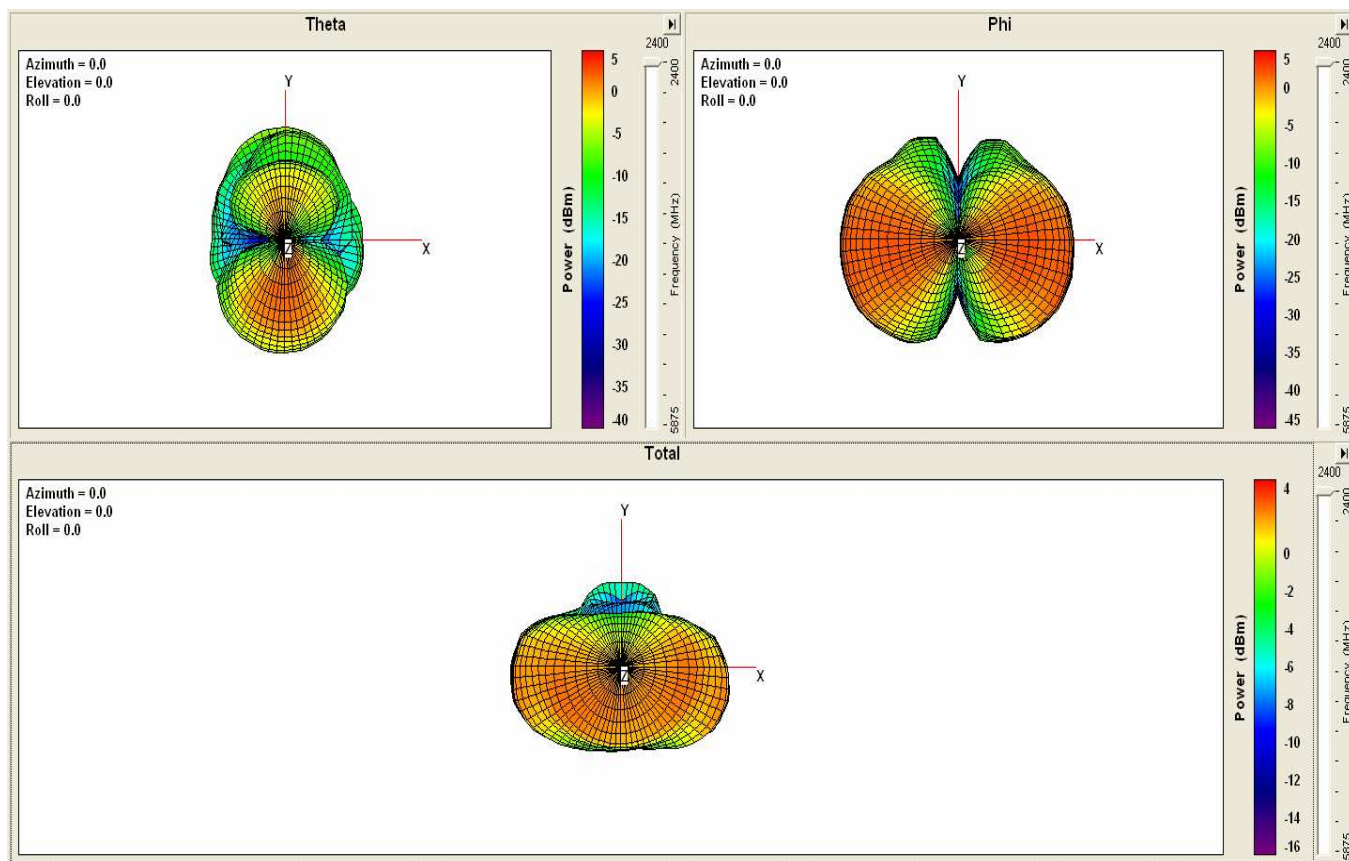
Electrical Test



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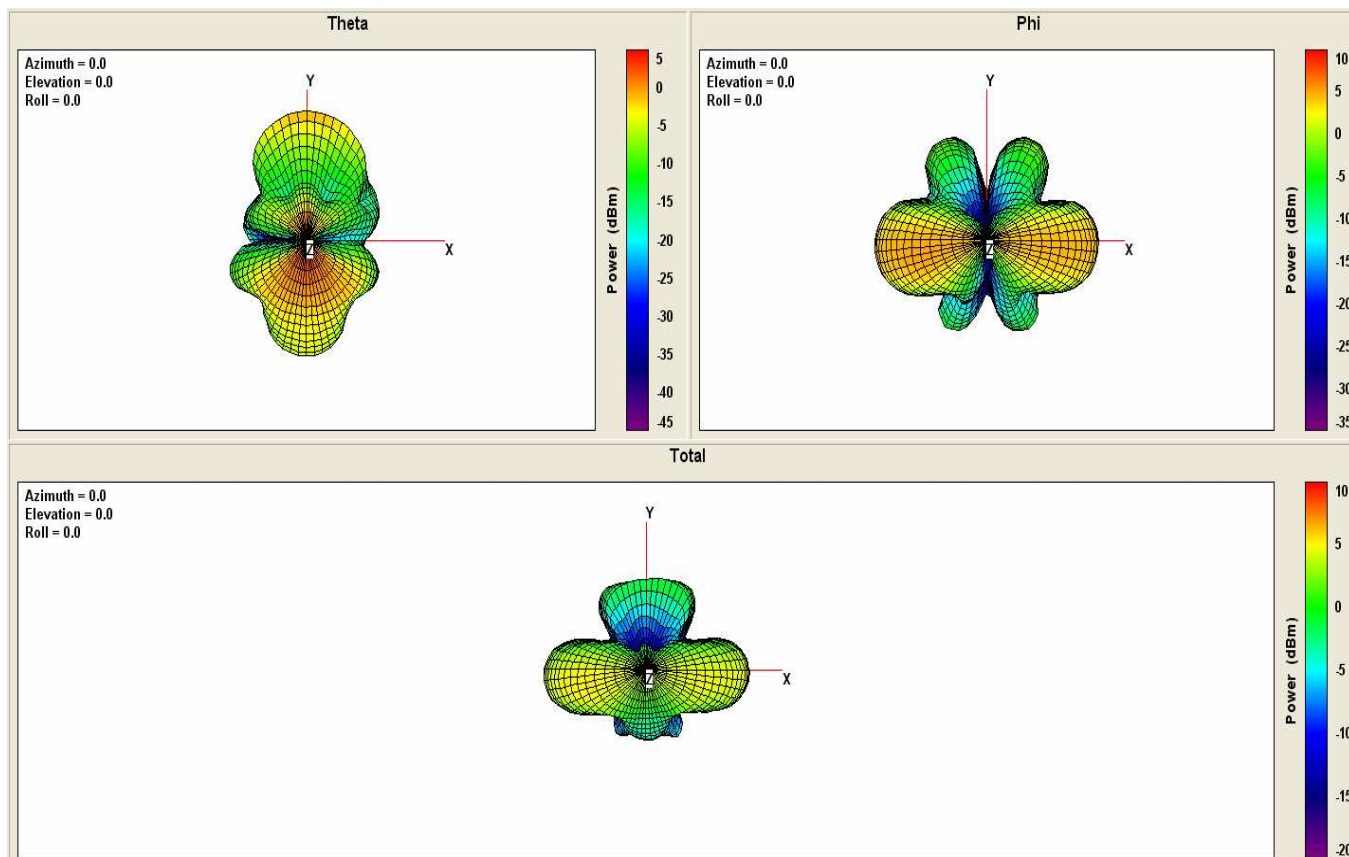
2400MHz



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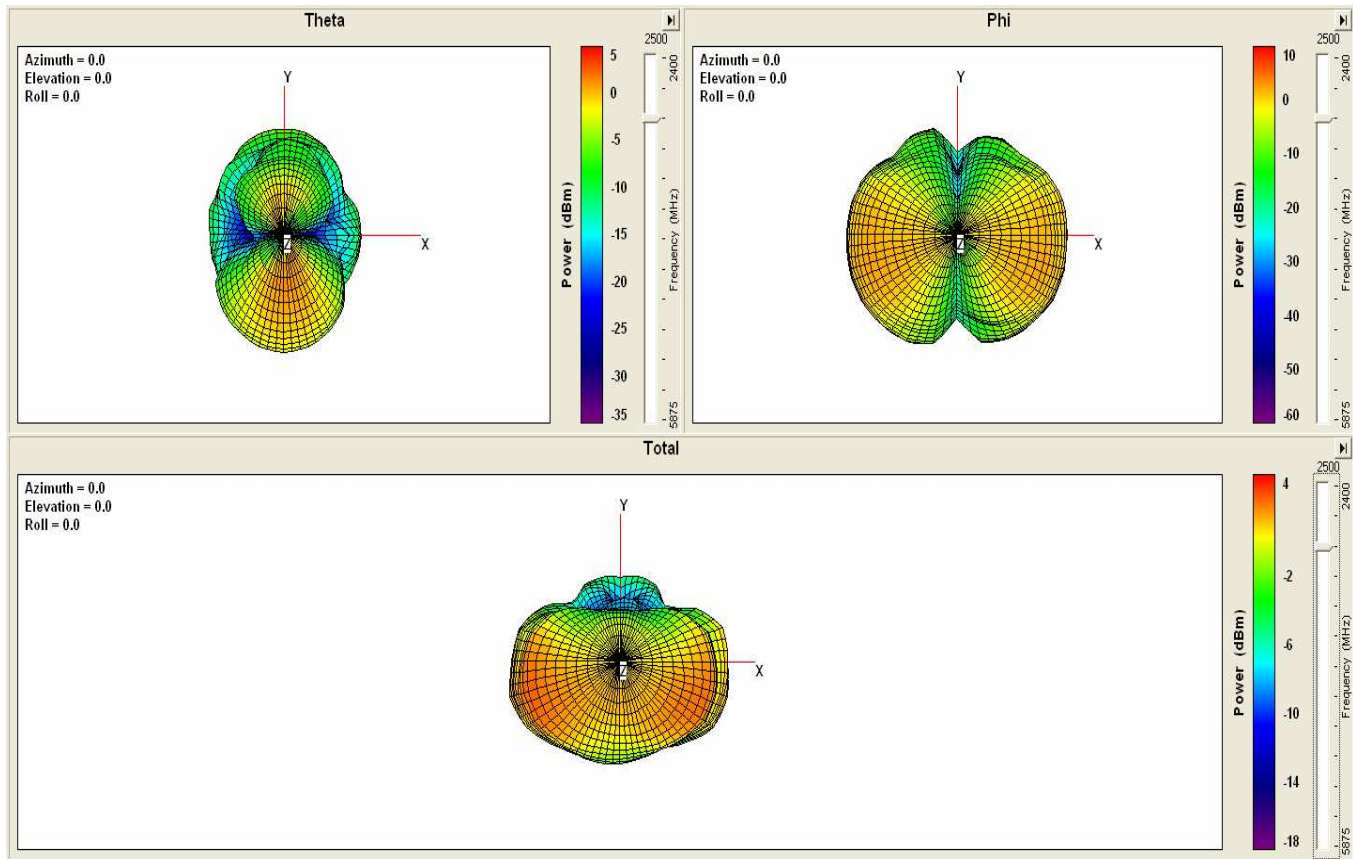
2450MHz



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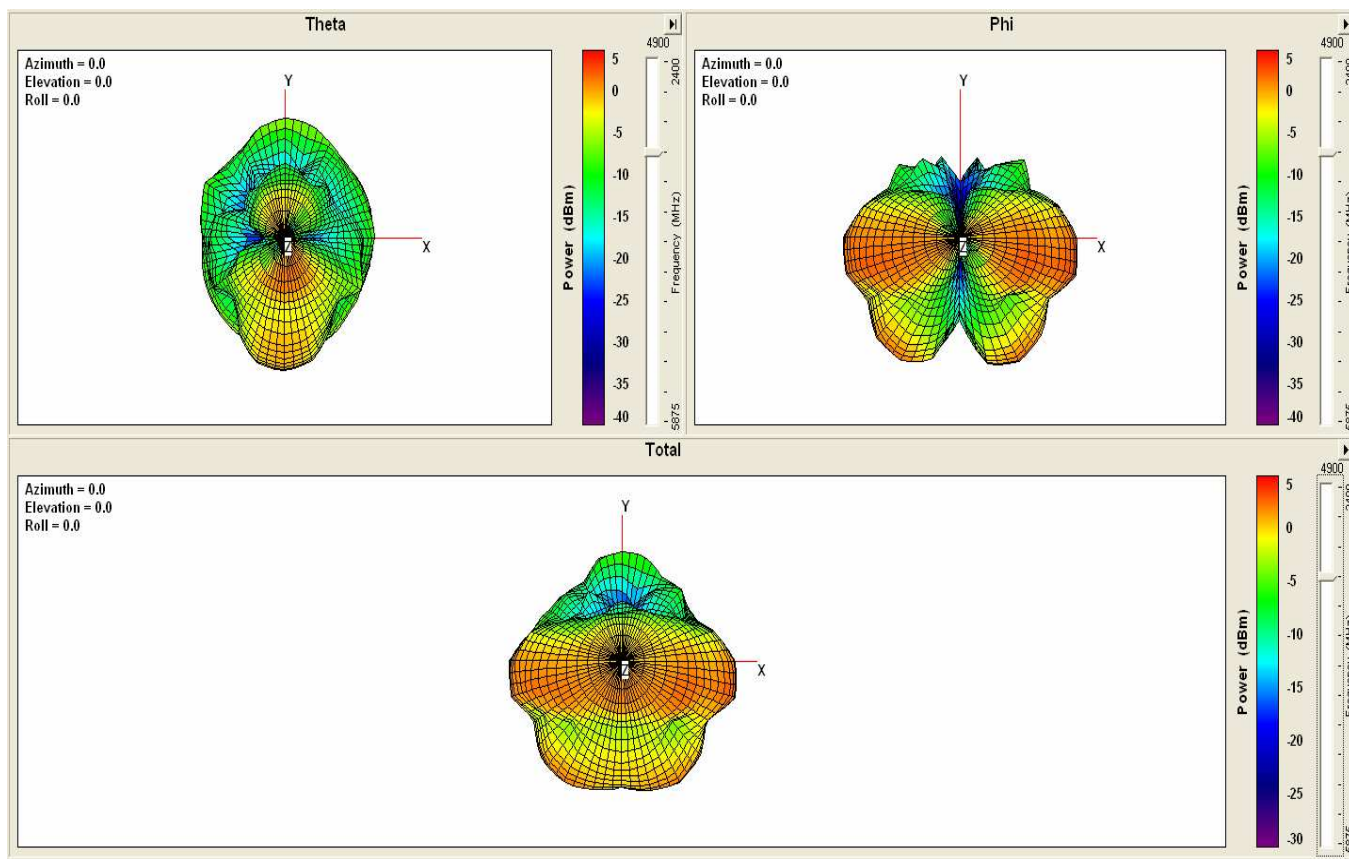
2500MHz



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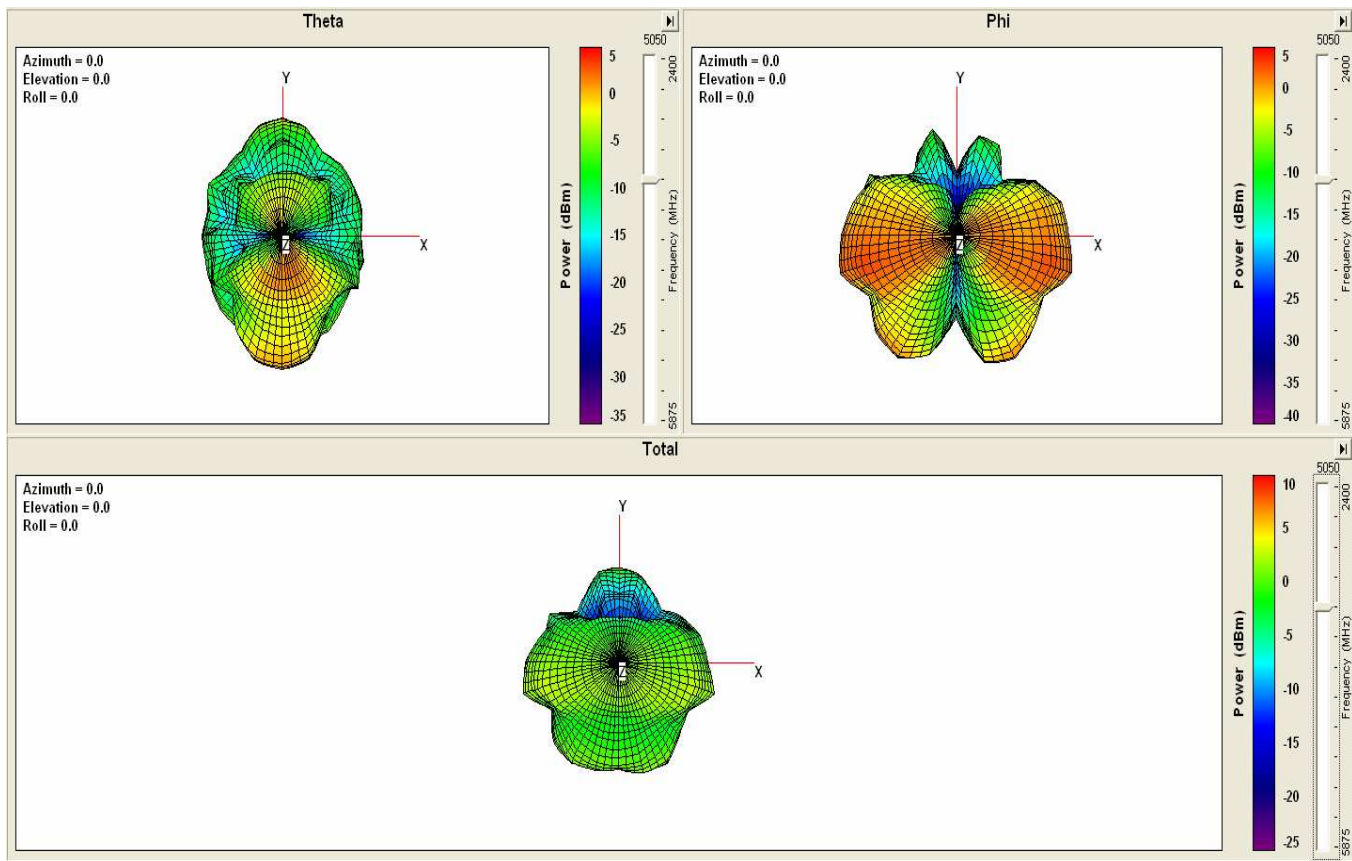
4900MHz



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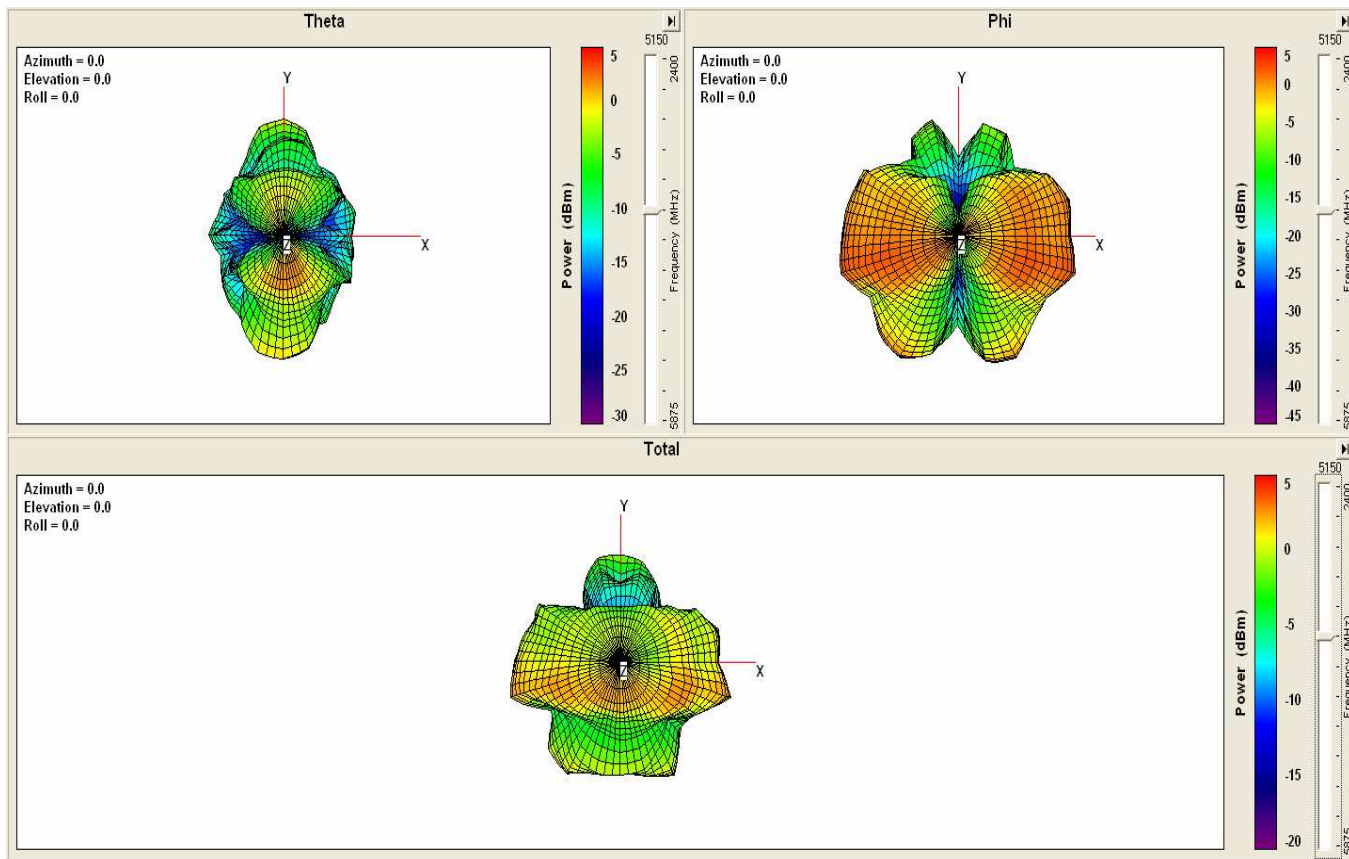
5150MHz



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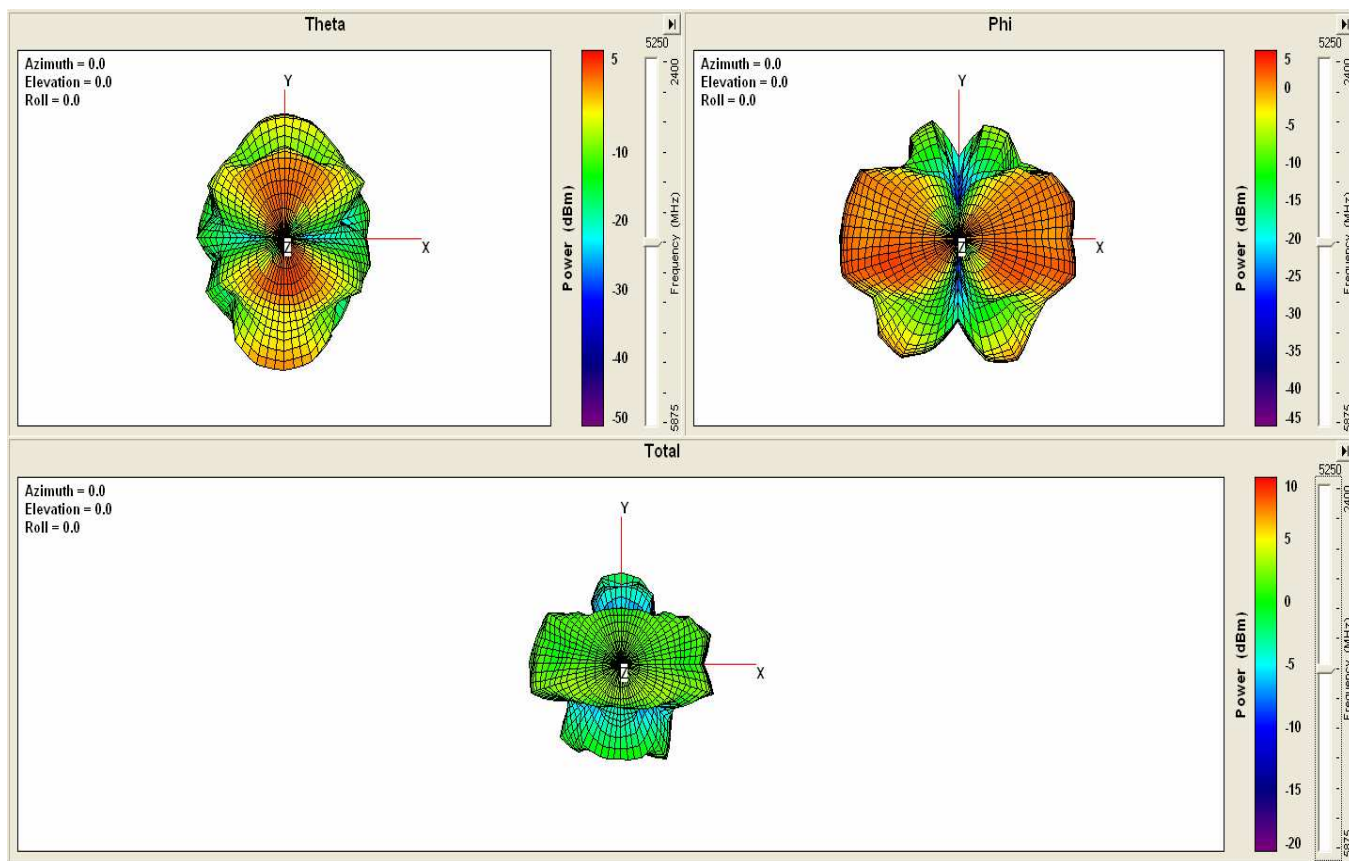
5250MHz



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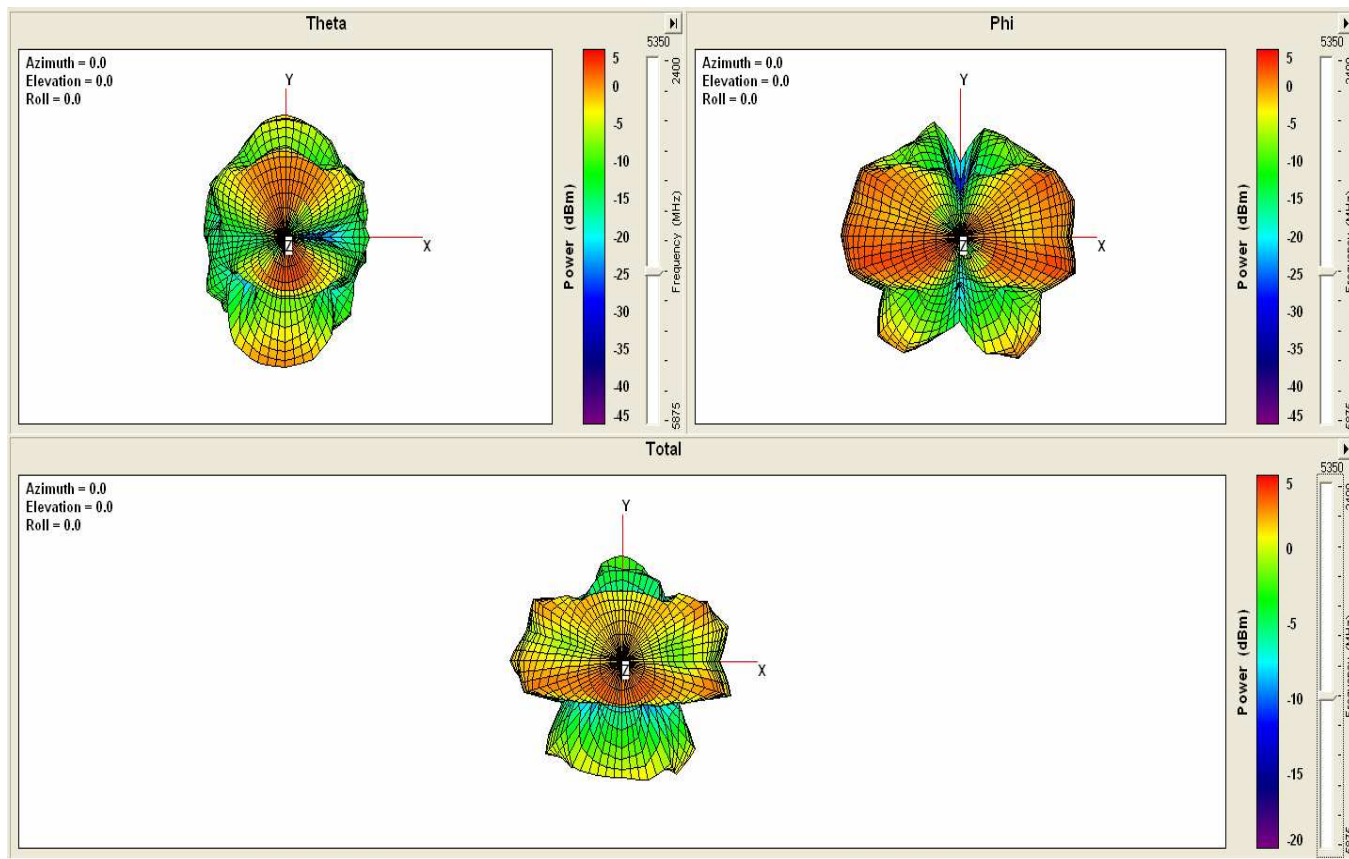
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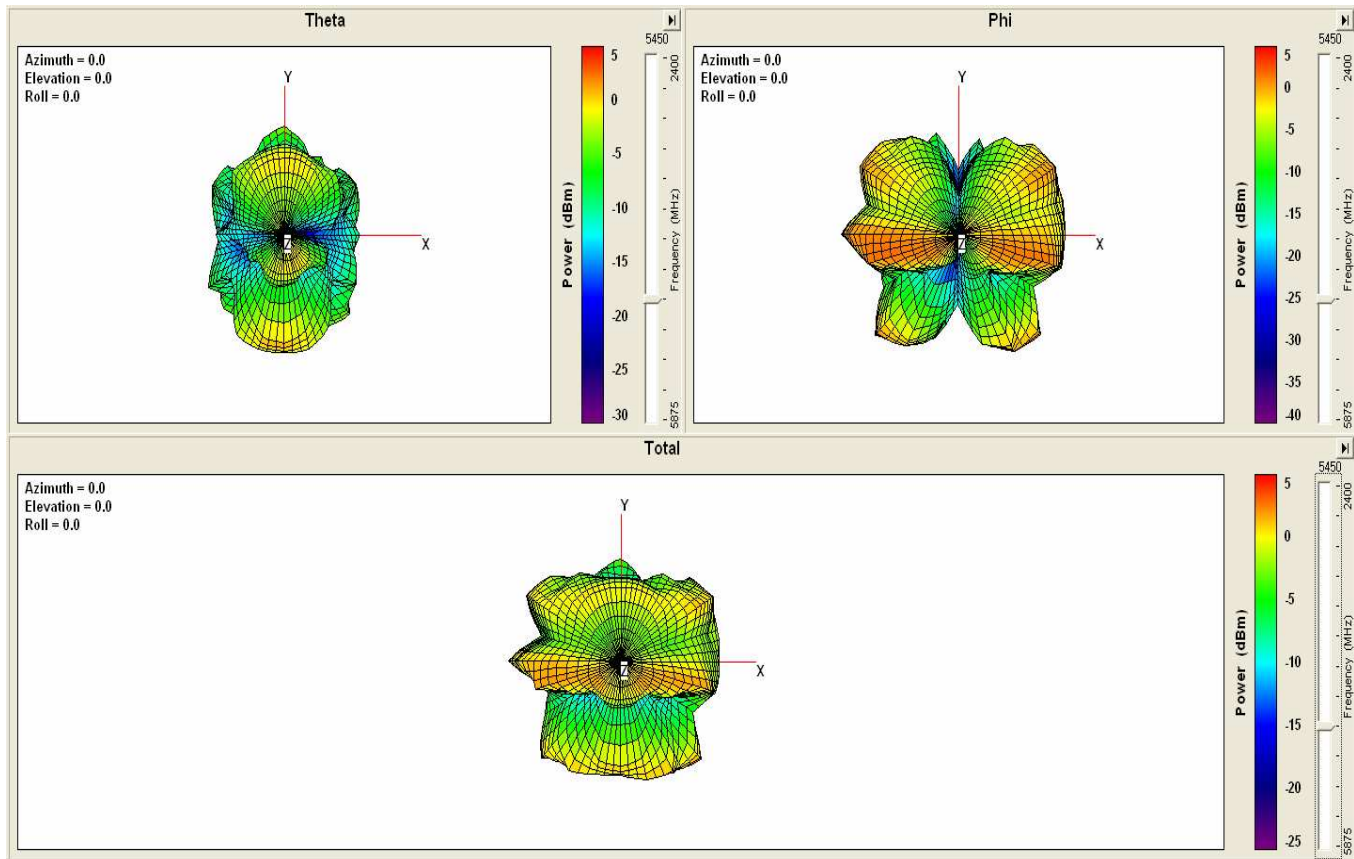
5450MHz



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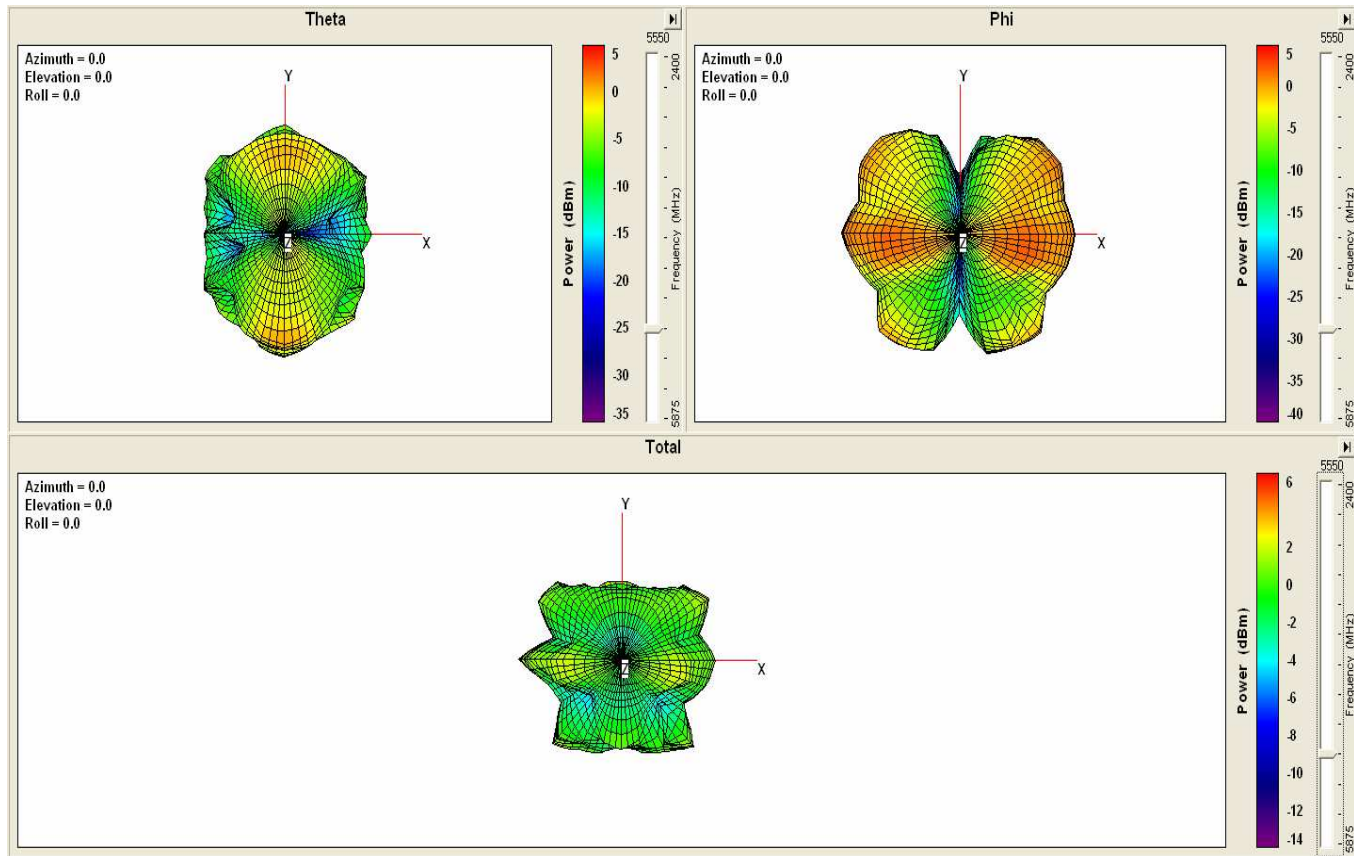
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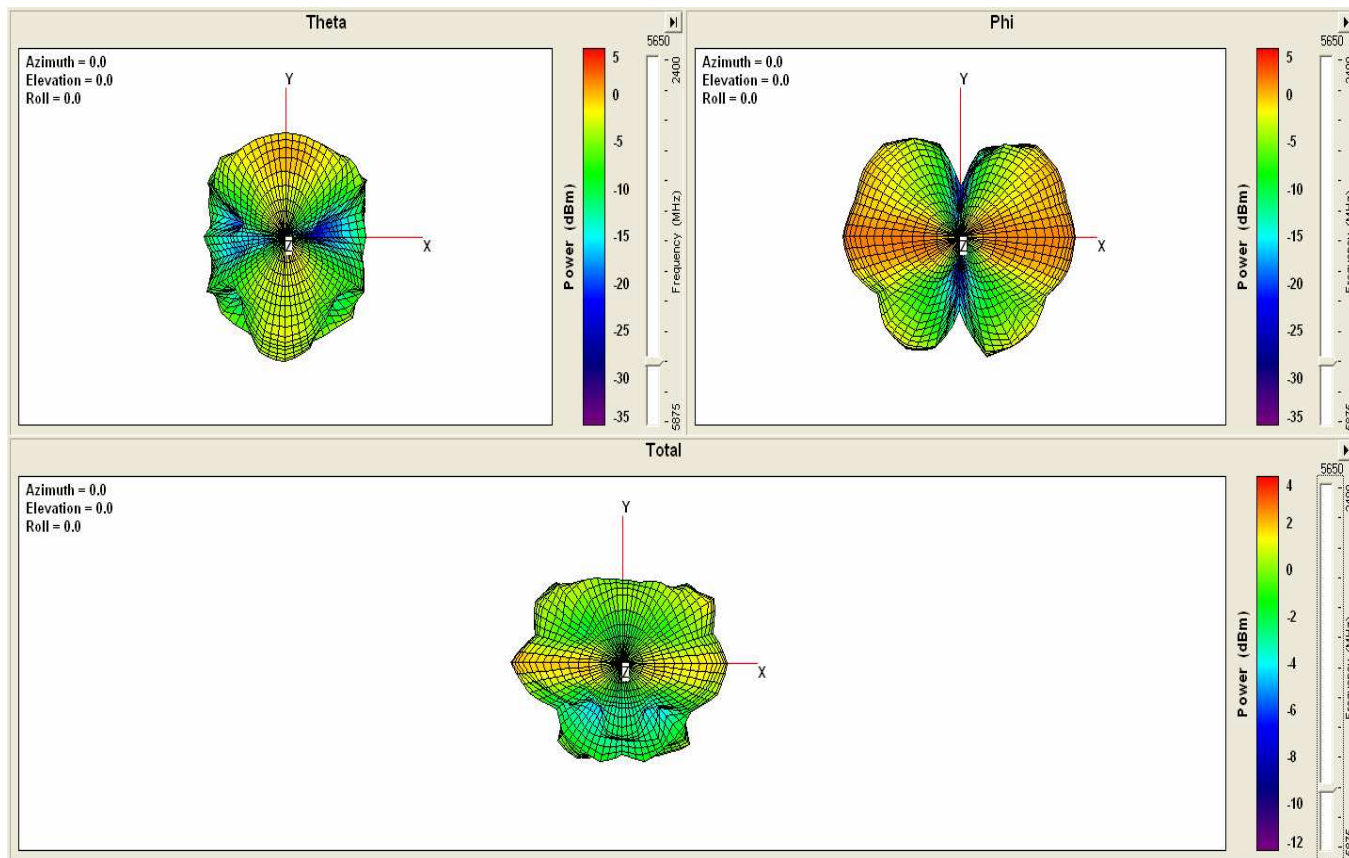
5650MHz



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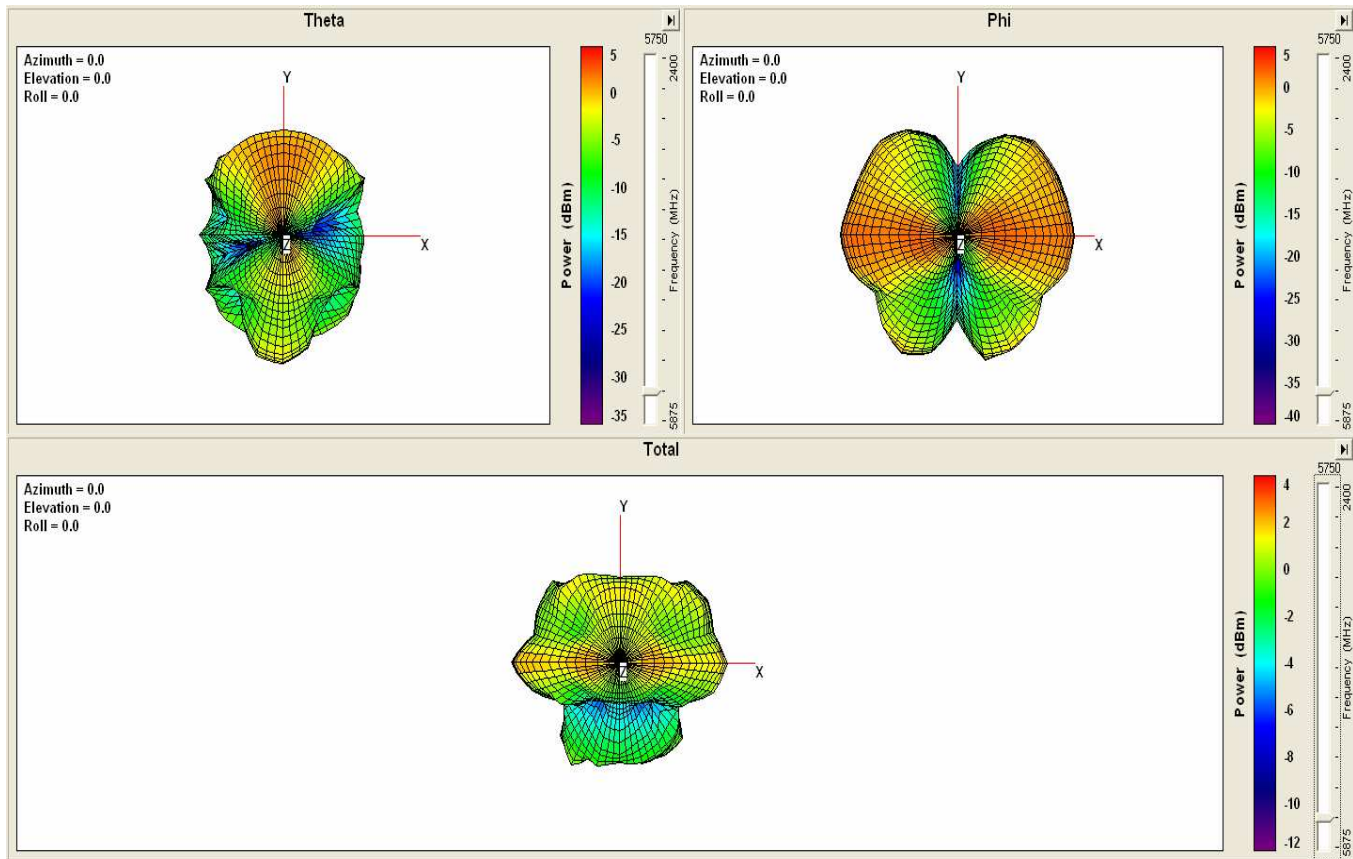
5750MHz



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5850MHz



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Antenna Efficiency

Frequency (MHz)	2400	2450	2500	4900	5150	5250	5350	5450	5550	5650	5750	5850
Efficiency (%)	82.6	93.2	83.5	77.4	81.2	88.7	85.3	74.6	93.2	82.9	87.5	77.7
Peak Gain (dBi)	2.8	5.0	2.9	3.8	3.9	3.8	3.8	3.8	5.0	3.8	3.9	3.8
Average Gain (dB)	-0.8	-0.1	-0.8	-1.1	-0.9	-0.5	-0.7	-1.3	-0.1	-0.8	-0.6	-1.2

擁瞬科技股份有限公司

YONG-SHUN TECHNOLOGY CO., LTD

線材規格

CABLE SPECIFICATION

电 缆 名 称		RGI178	
项 目		规 格	
导 体	材料	镀银铜丝	
	导体规格	7/0.10±0.003mm	
	参考外径	0.30mm	
	材料	聚四氟乙烯 (PTFE)	
绝 缘	绝缘平均最小厚度	0.57mm	
	最薄点厚度	0.52mm	
	线径	0.87±0.06mm	
编 织	材料	镀银铜丝	
	导体规格	48/3/0.10	
	参考外径	0.27±0.05mm	
	材料	聚全氟乙烯 (FEP)	
护 套	绝缘平均最小厚度	0.3mm	
	最薄点厚度	0.25mm	
	线径	1.78±0.08mm	
		机 械 物 理 性 能	
1.特性阻抗 (Ω) : 50 Ω		8.延迟: 4.86ns/m	
2.实验电压: 2kv		9.导体电阻: ≤360 Ω /KM	
3.额定温度: -55℃~+200℃		10.屏蔽率: >40Db(1GHz)	
4.火花电压: 3kv		11.操作电压: 0.85KV/ms	
5.操作频率: 1GHz		12.操作电压: 1KV	
6.电容量: 95pF/m		频率MHz / 衰减dB/m	功率watts
7.信号传输速度: 69%		2000	2.37
		3000	2.91
		4000	3.36
		5000	3.76
		26	
截面图			
<p>绝 缘 屏 蔽 护 套 导 体</p>			
按客户要求			
颜色			
备注			
参照标准:国军标M17			
苏州市相城区正旭线缆有限公司			
产 品 规 格 书			
批 准	丰建华	客 户	欣协
审 核	唐惠位	文件编号	ZX09080303
编 制	顾瑛琪	日 期	2009/8/3