

測試報告

TEST REPORT

CUSTOMER : 晶訊 CC&C

CUSTOMER NO. : \_\_\_\_\_

FILE NO : \_\_\_\_\_

DESCRIPTION : 2.4+5GHz ANTENNA

LITE P/N : \_\_\_\_\_

DATE : 2021/06/03

堅詠股份有限公司

ADD : NO. 19, LANE 188, CHUNG—HSIN N. ST.

SANCHUAN, TAIPEI HSIEN, TAIWAN R.O.C

TEL : ( 886-2 ) 2995-0485

FAX : ( 886-2 ) 2995-7395

[http : //www.liteconn.com](http://www.liteconn.com)

Test time : 2021/06/03

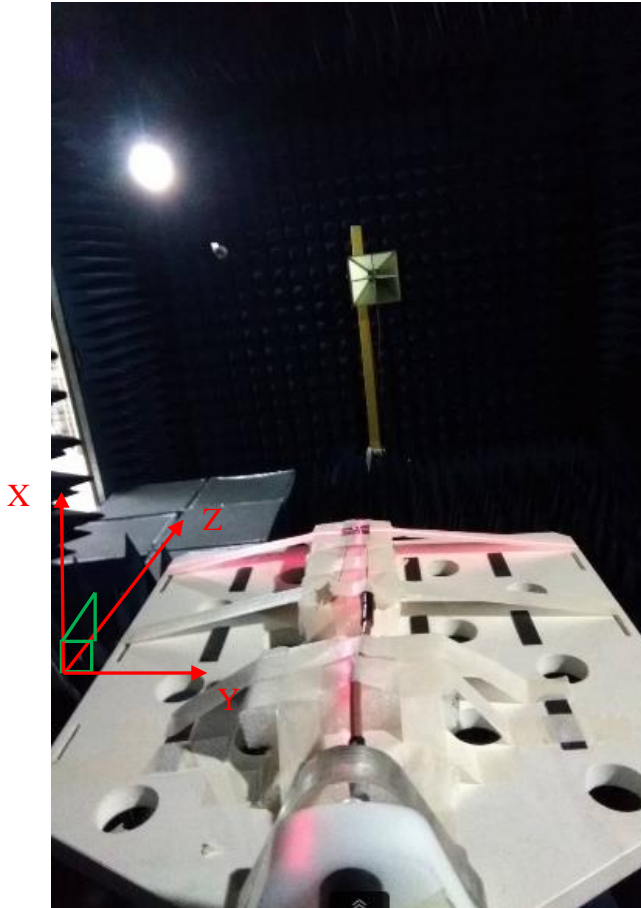
Company : 晶訊CC&C

Model : P52 Antenna-L/R

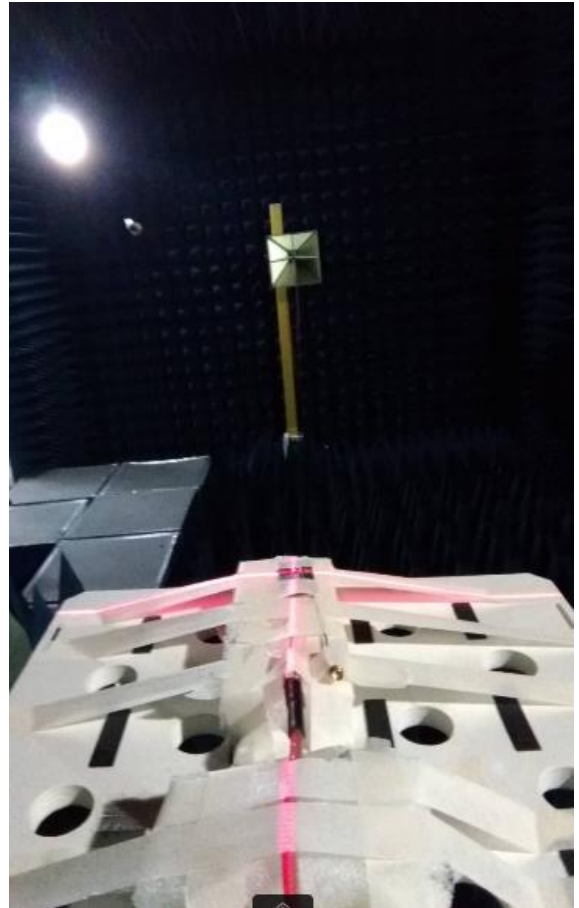
Project : 2.4GHZ+5GHZ ANTENNA

Photo :

場型量測示意圖



ANTENNA-R



ANTENNA-L



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CONNECTOR & RF ANTENNA

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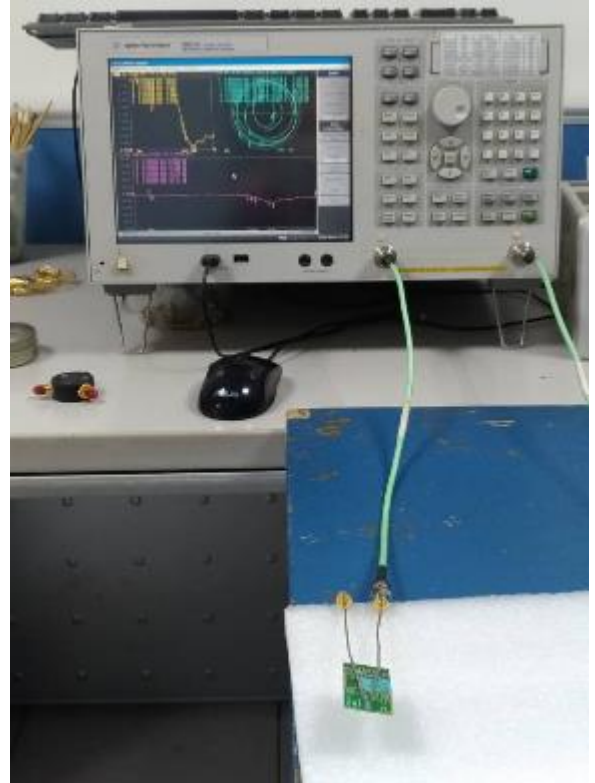
Project : 2.4GHZ+5GHZ ANTENNA

Photo :

網儀量測示意圖



ANTENNA-R



ANTENNA-L



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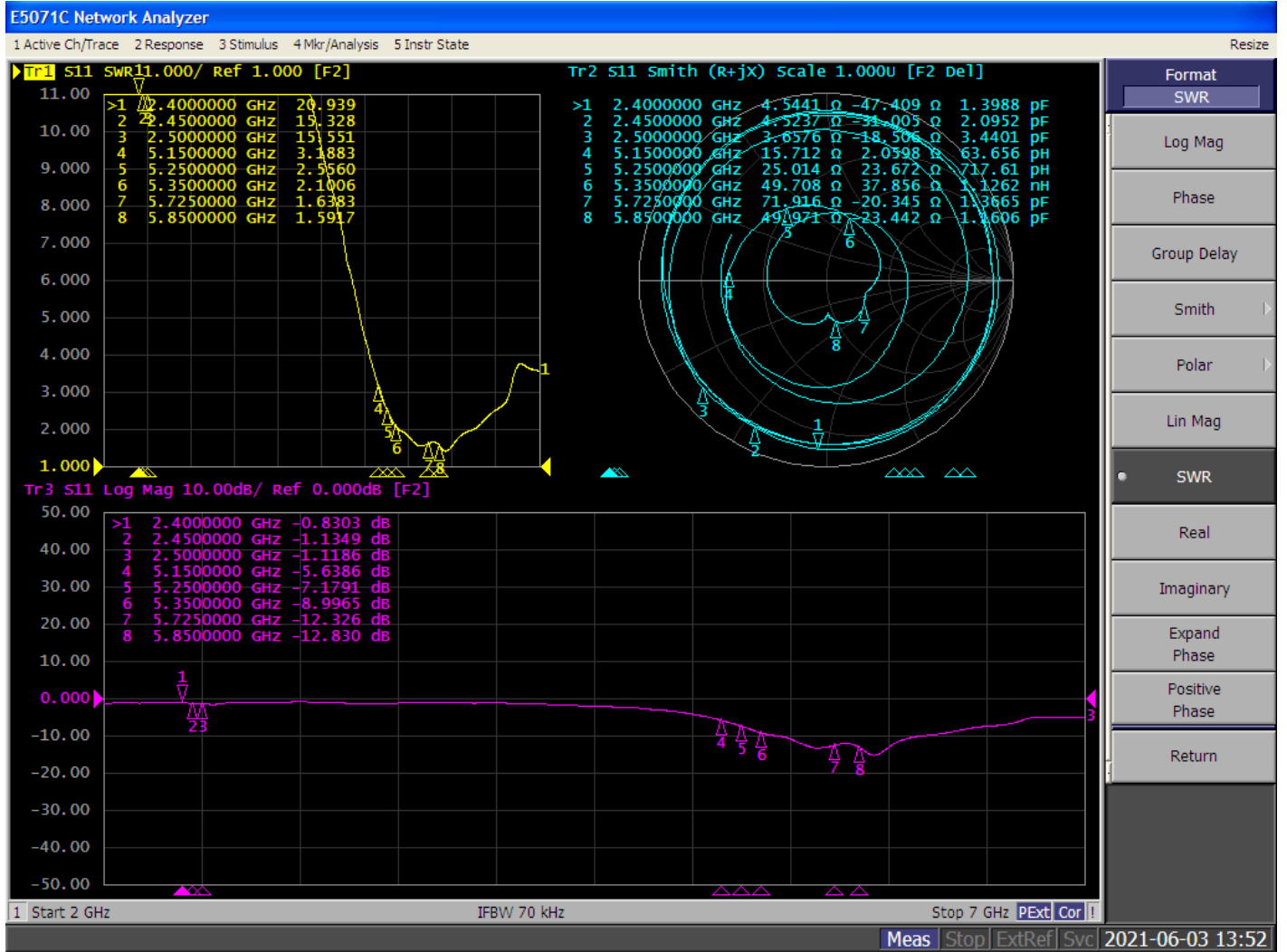
Company : 晶訊CC&C

Model : P52 Antenna-L/R

Project : 2.4GHZ+5GHZ ANTENNA

Photo :

Return Loss & VSWR & Smith  
ANTENNA-R





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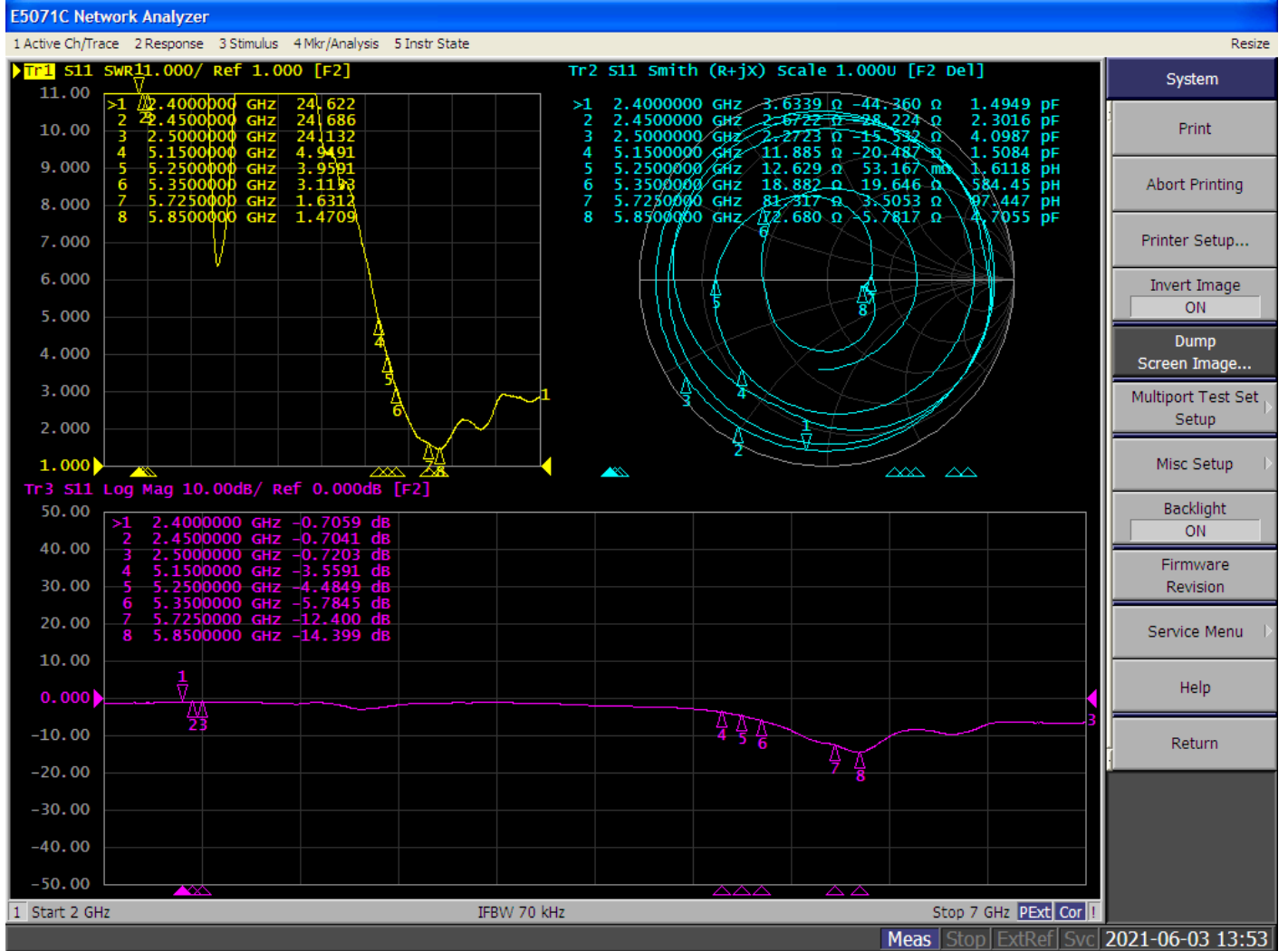
Company : 晶訊CC&C

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Photo :

Return Loss & VSWR & Smith  
ANTENNA-L





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Photo :

Isolation





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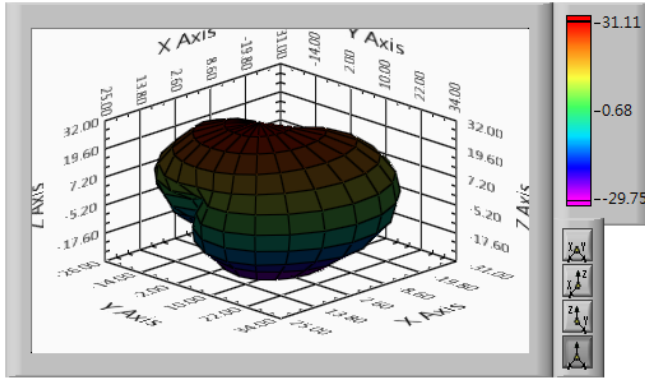
Test time : 2021/06/03

Company : 晶訊CC&C

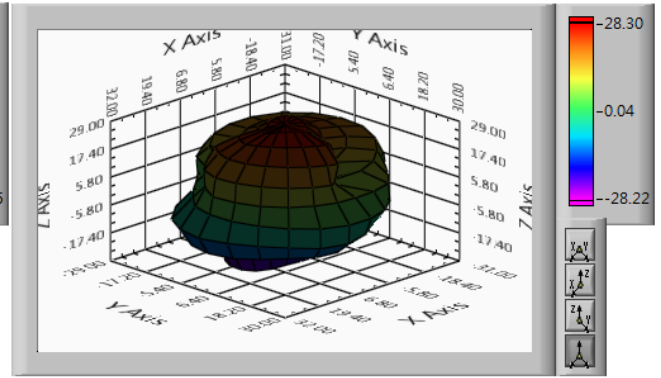
Model : P52 Antenna-L/R

Project : 2.4GHZ+5GHZ ANTENNA

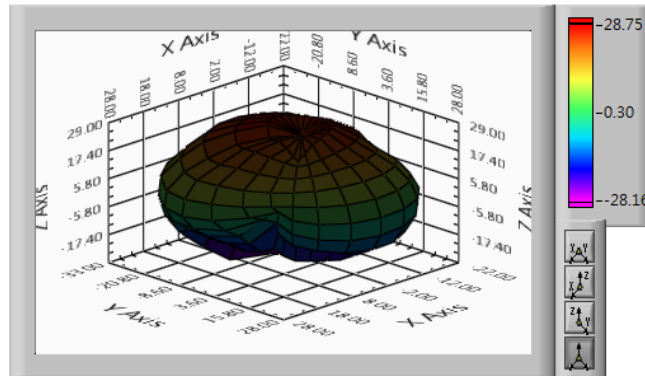
Photo :  
3D Radiation Pattern  
ANTENNA-R



2400 MHz



2450 MHz



2500 MHz



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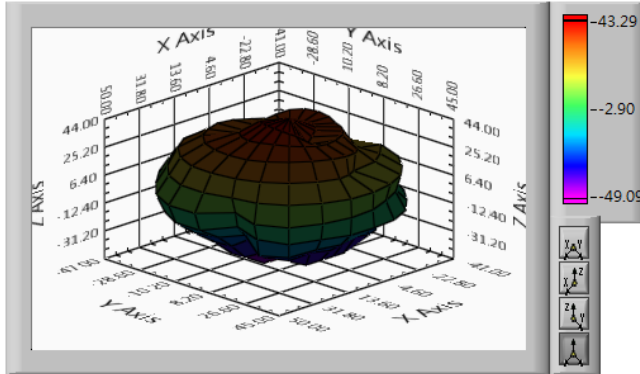
Company : 晶訊CC&C

Model : P52 Antenna-L/R

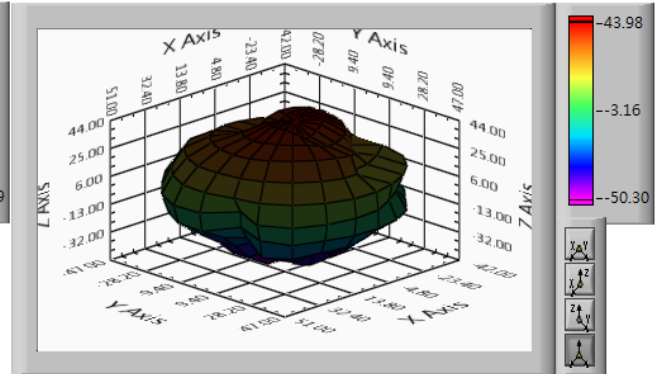
Project : 2.4GHZ+5GHZ ANTENNA

Photo :

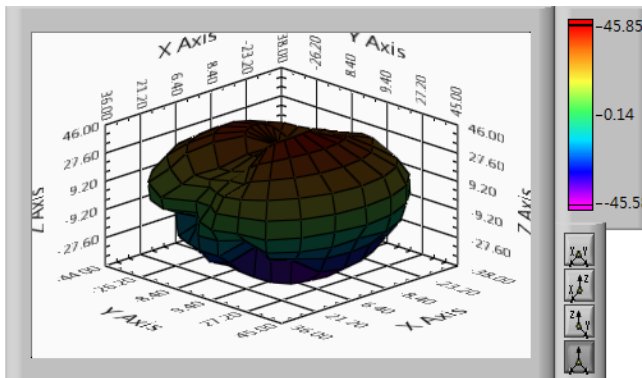
3D Radiation Pattern



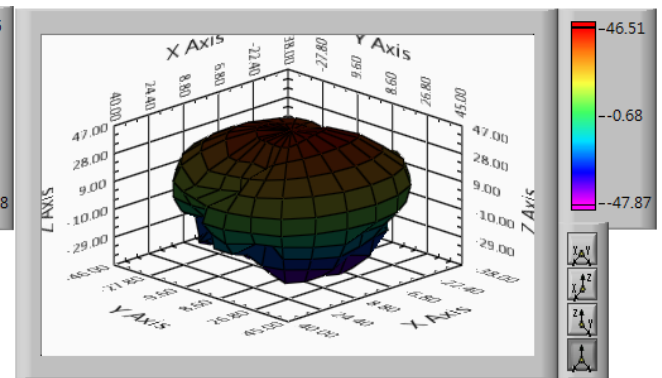
5150 MHz



5250 MHz



5350 MHz



5725 MHz





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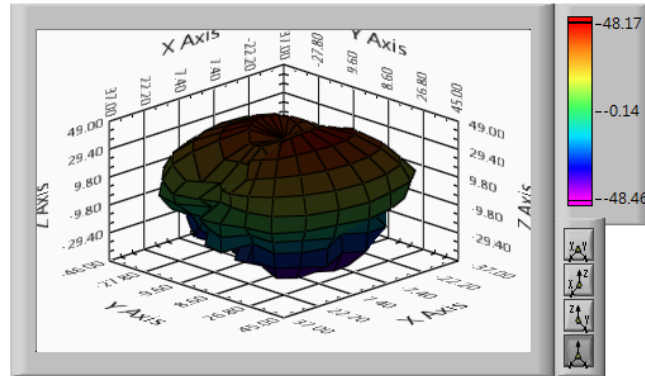
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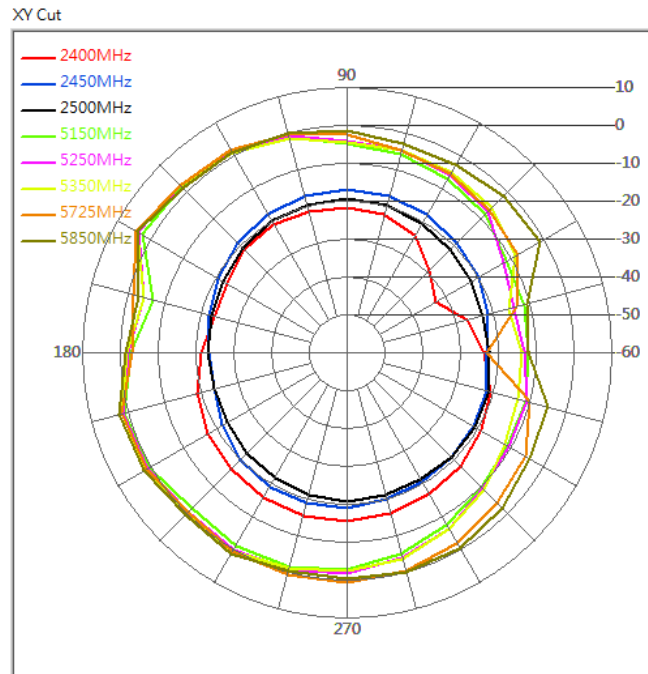
Project : 2.4GHZ+5GHZ ANTENNA

Photo :  
3D Radiation Pattern



5850 MHz

Photo :  
2D Radiation Pattern  
XYCUT



Test time : 2021/06/03

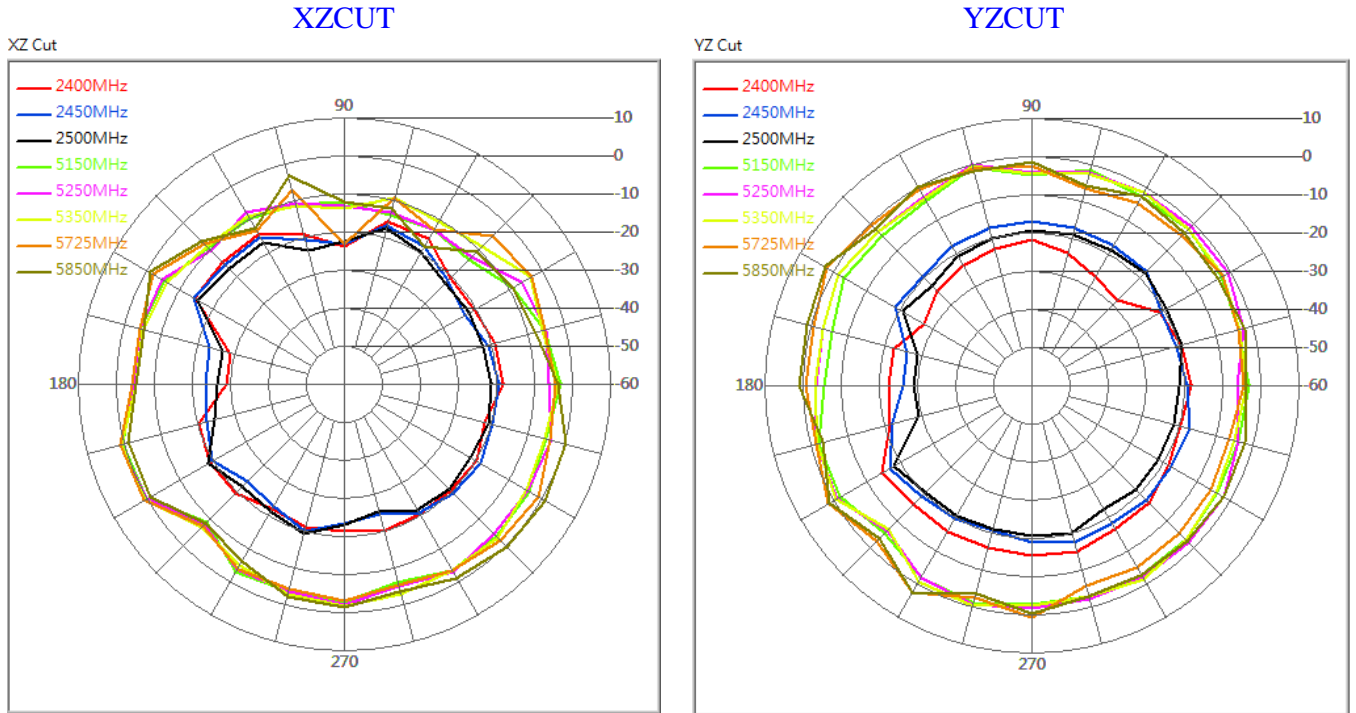
Company : 晶訊CC&C

Model:P52 Antenna-L/R

Project : 2.4GHZ+5GHZ ANTENNA

Photo :

2D Radiation Pattern



3D Antenna Gain

Frequency (MHz)	Peak Gain (dBi)	Efficiency (%)
2400	-13.33	1.4
2450	-13.61	1.26
2500	-14.72	0.88
5150	3.36	50.01
5250	4.25	57.98
5350	4.97	57.87
5725	6.05	67.53
5850	5.33	79.28



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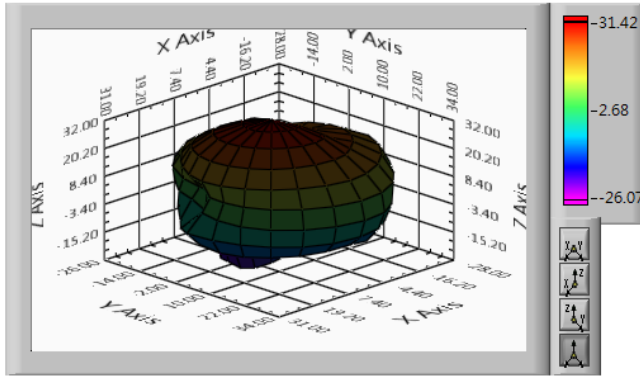
Model : P52 Antenna-L/R

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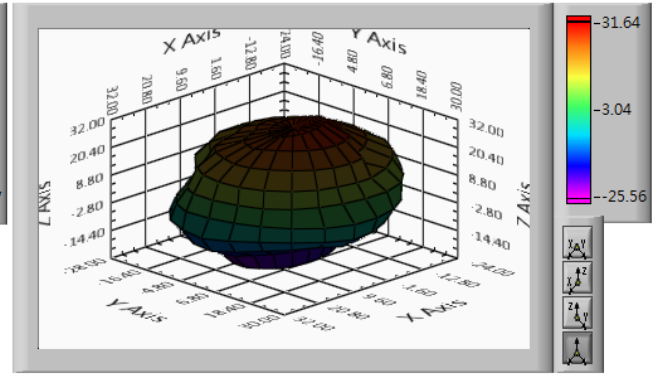
Photo :

3D Radiation Pattern

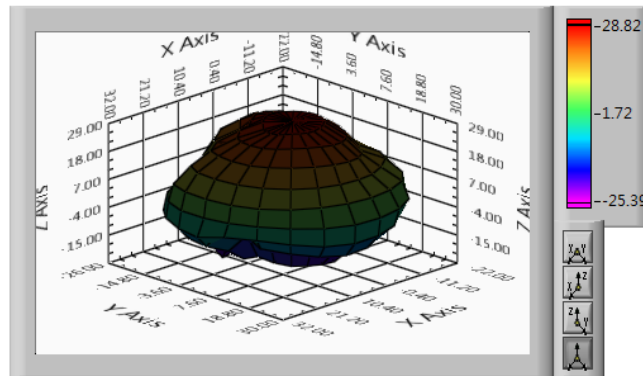
ANTENNA-L



2400 MHz



2450 MHz



2500 MHz



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CONNECTOR & RF ANTENNA

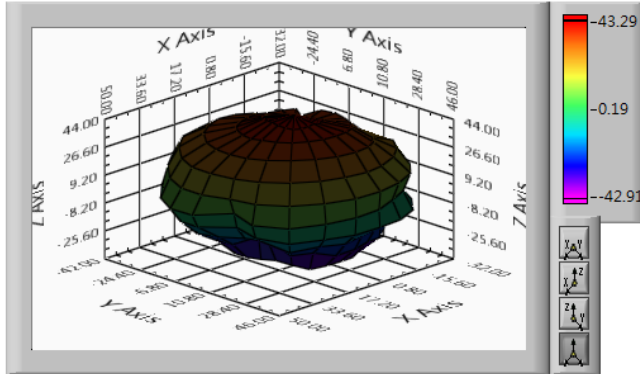
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Company : 晶訊CC&C

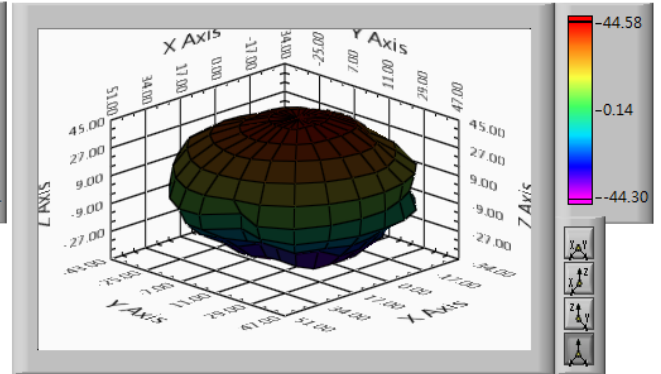
Model : P52 Antenna-L/R

Project : 2.4GHZ+5GHZ ANTENNA

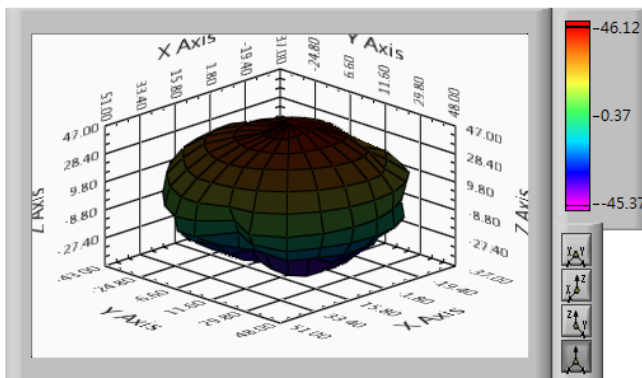
Photo :  
3D Radiation Pattern



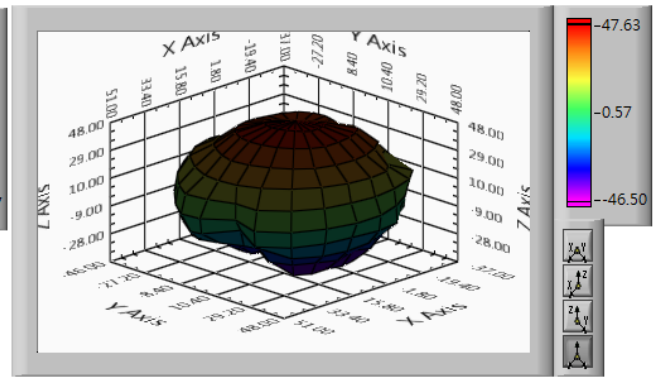
5150 MHz



5250 MHz



5350 MHz



5725 MHz



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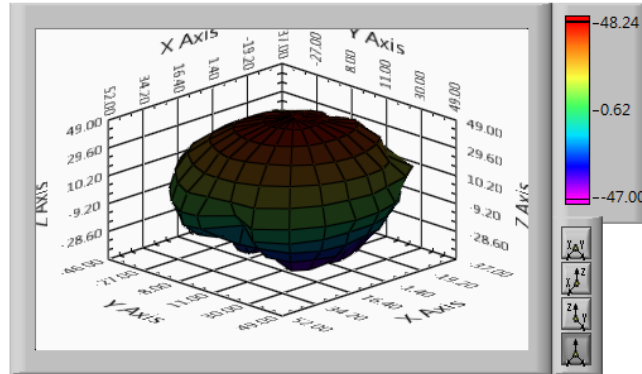
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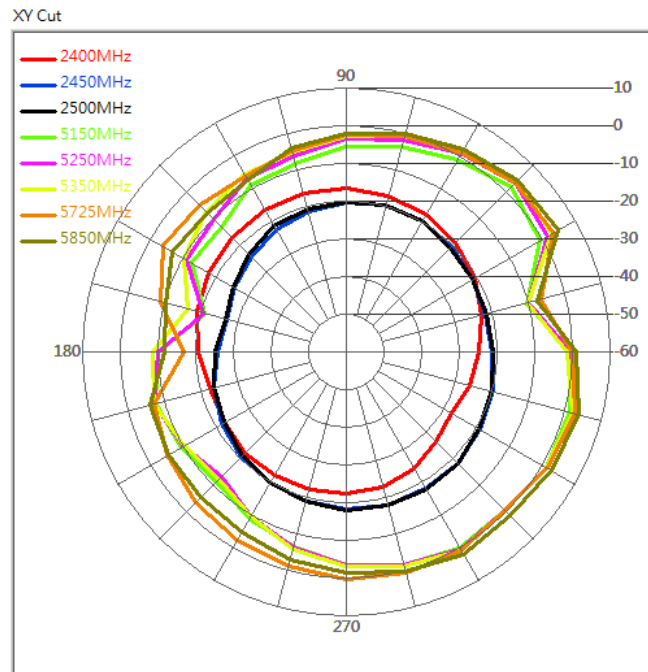
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3D Radiation Pattern



5850 MHz

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XYCUT



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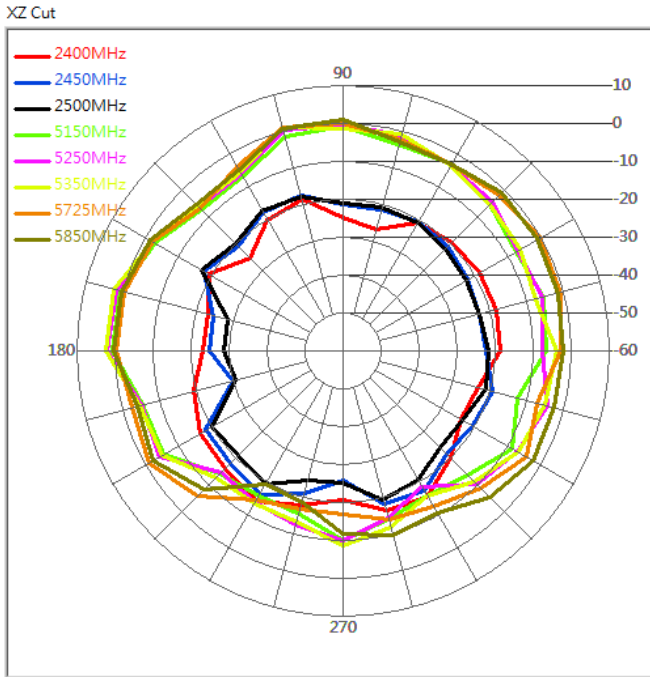
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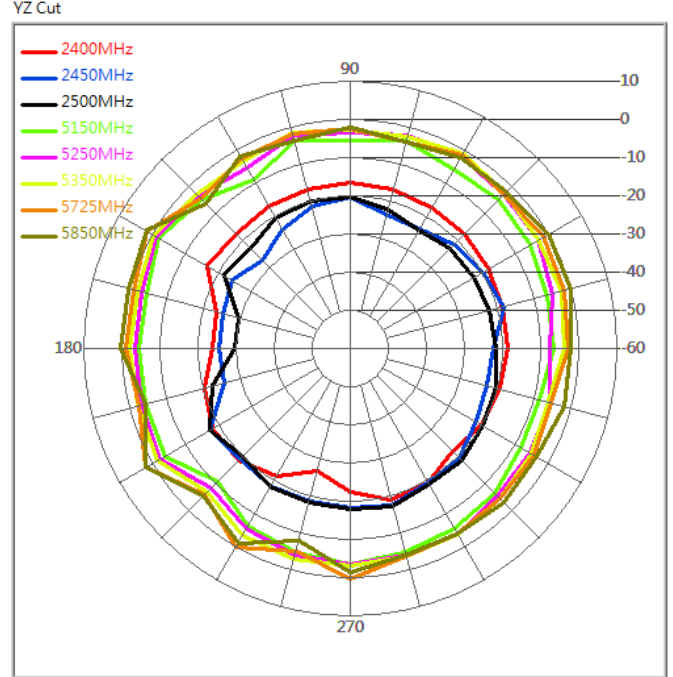
Photo :

### 2D Radiation Pattern

XZCUT



YZCUT



### 3D Antenna Gain

Frequency (MHz)	Peak Gain (dBi)	Efficiency (%)
2400	-13.74	1.35
2450	-15.51	1.02
2500	-17.03	0.92
5150	1.95	33.83
5250	3.43	45.75
5350	4.41	51.14
5725	4.06	66.1
5850	4.86	70.2