測 試 報 告

TEST REPORT

CUSTOMER：晶訊 CC&C

CUSTOMER NO.：

FILE NO：

DESCRIPTION： 2.4+5GHz ANTENNA

LITE P/N：

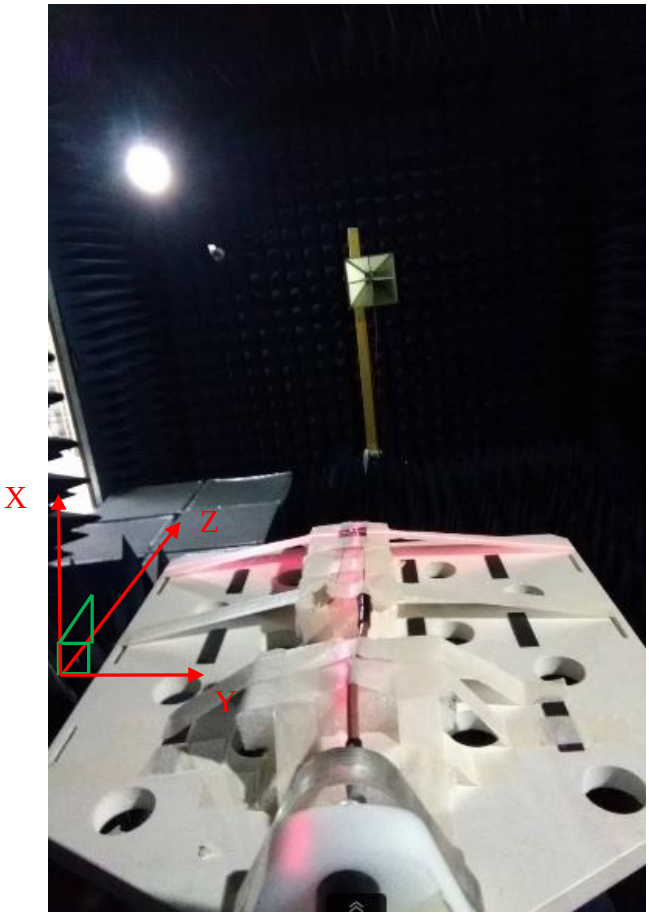
DATE： 2021/06/03

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

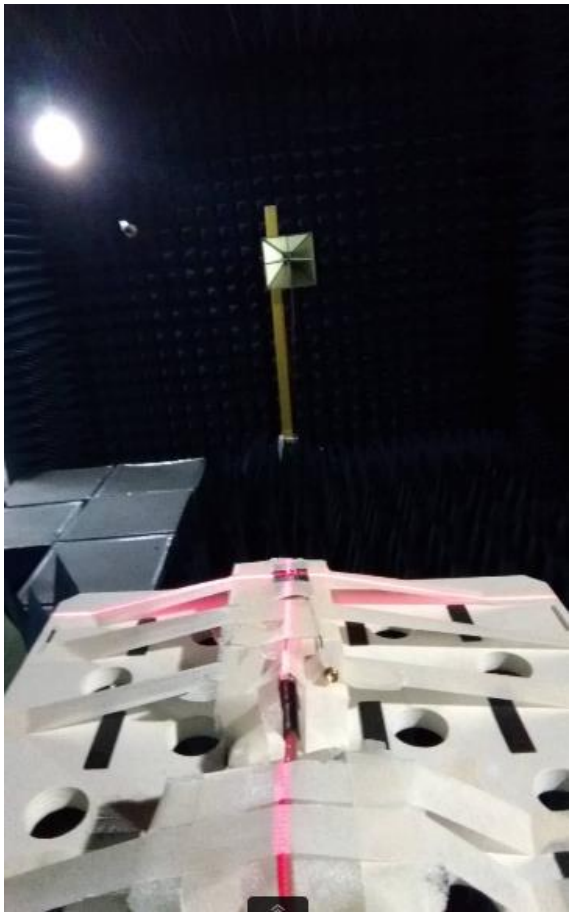
Test time：2021/06/03		
Company：晶訊CC&C	Model：P52 Antenna-L/R	Project： 2.4GHZ+5GHZ ANTENNA

Photo：

場型量測示意圖



ANTENNA-R

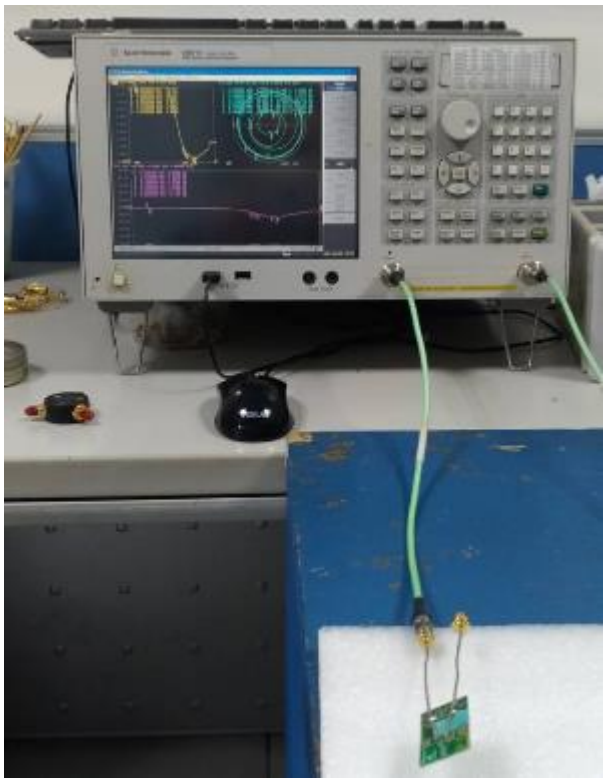


ANTENNA-L

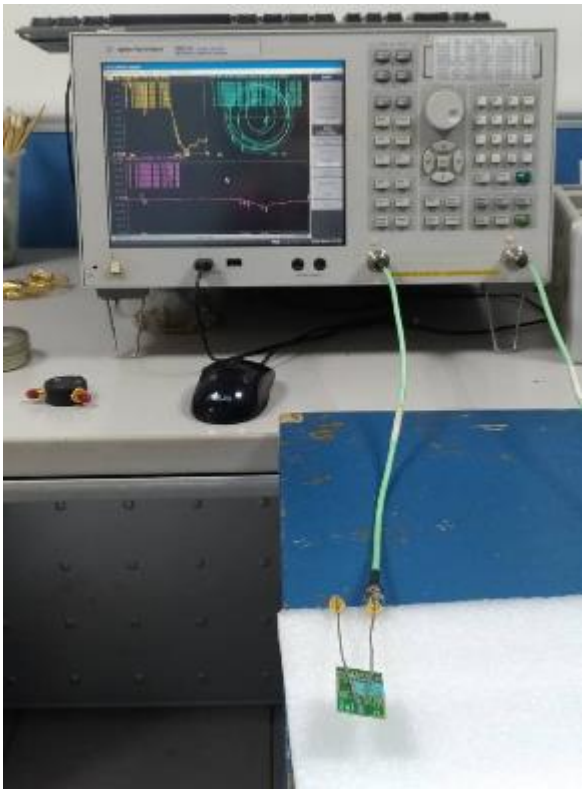
Test time：2021/06/03		
Company：晶訊CC&C	Model：P52 Antenna-L/R	Project： 2.4GHZ+5GHZ ANTENNA

Photo：

網儀量測示意圖



ANTENNA-R

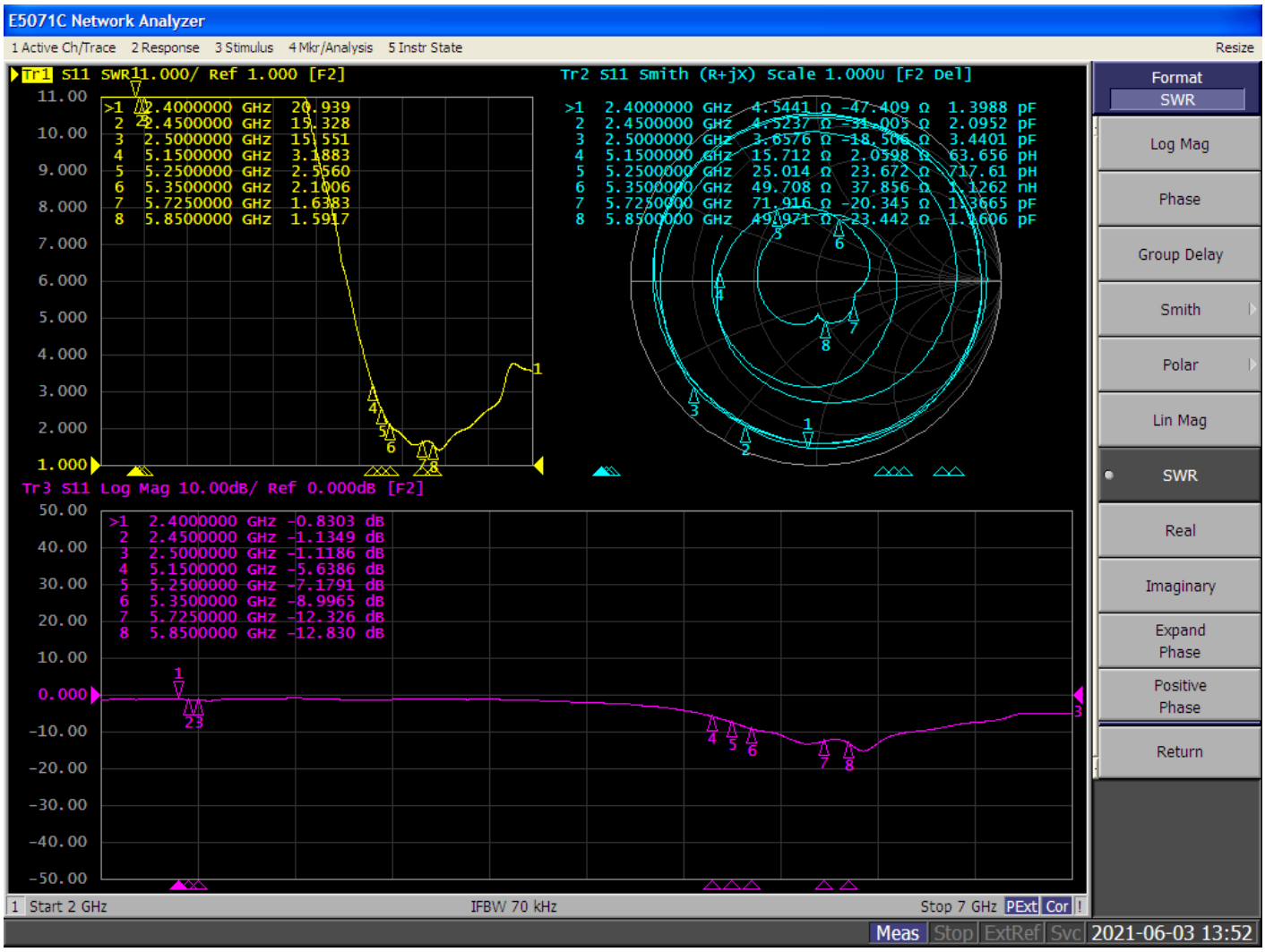


ANTENNA-L

Test time：2021/06/03		
Company：晶訊CC&C	Model：P52 Antenna-L/R	Project：2.4GHZ+5GHZ ANTENNA

Photo：

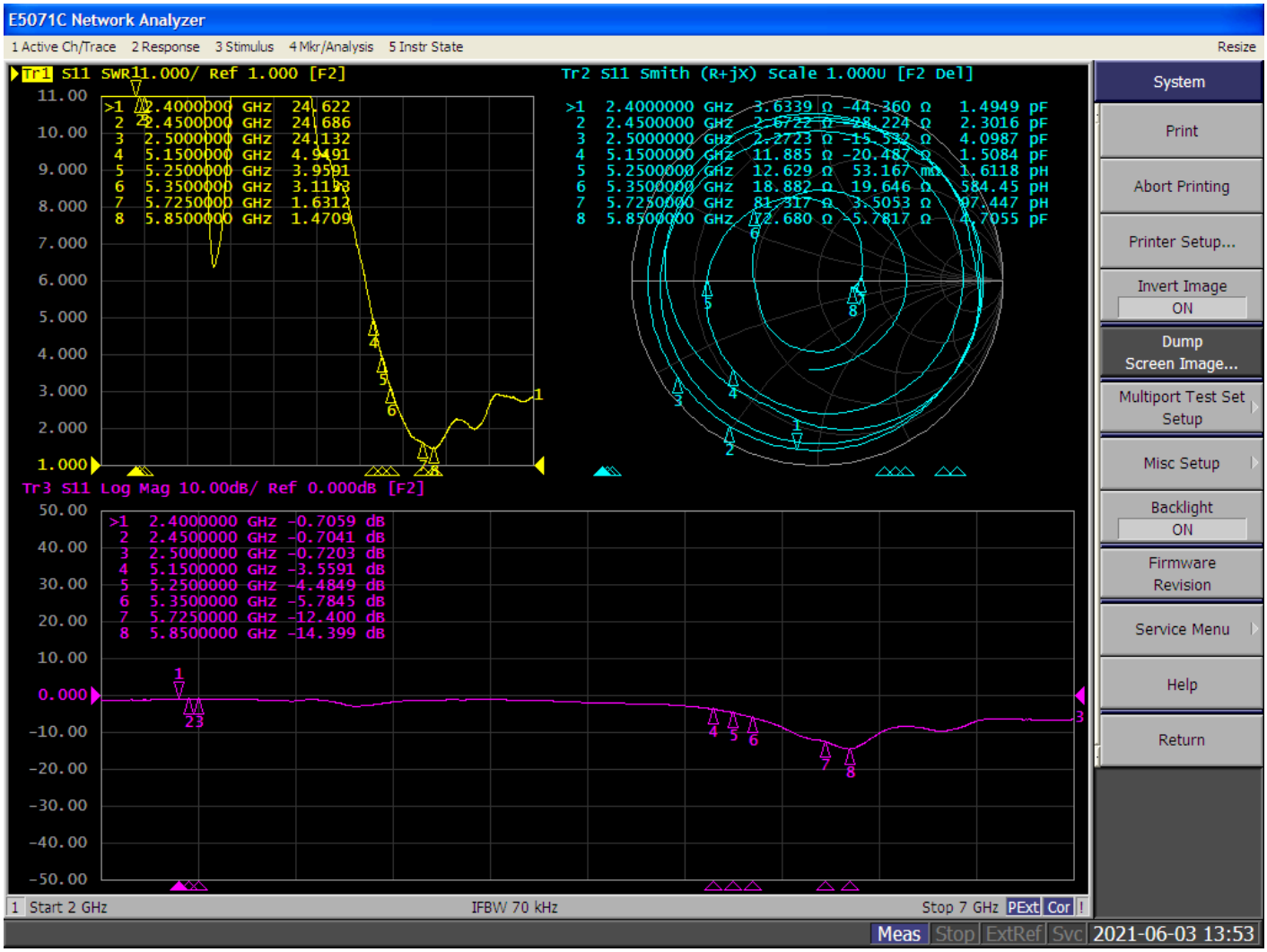
Return Loss & VSWR & Smith
ANTENNA-R



Test time：2021/06/03		
Company：晶訊CC&C	Model：P52 Antenna-L/R	Project：2.4GHZ+5GHZ ANTENNA

Photo：

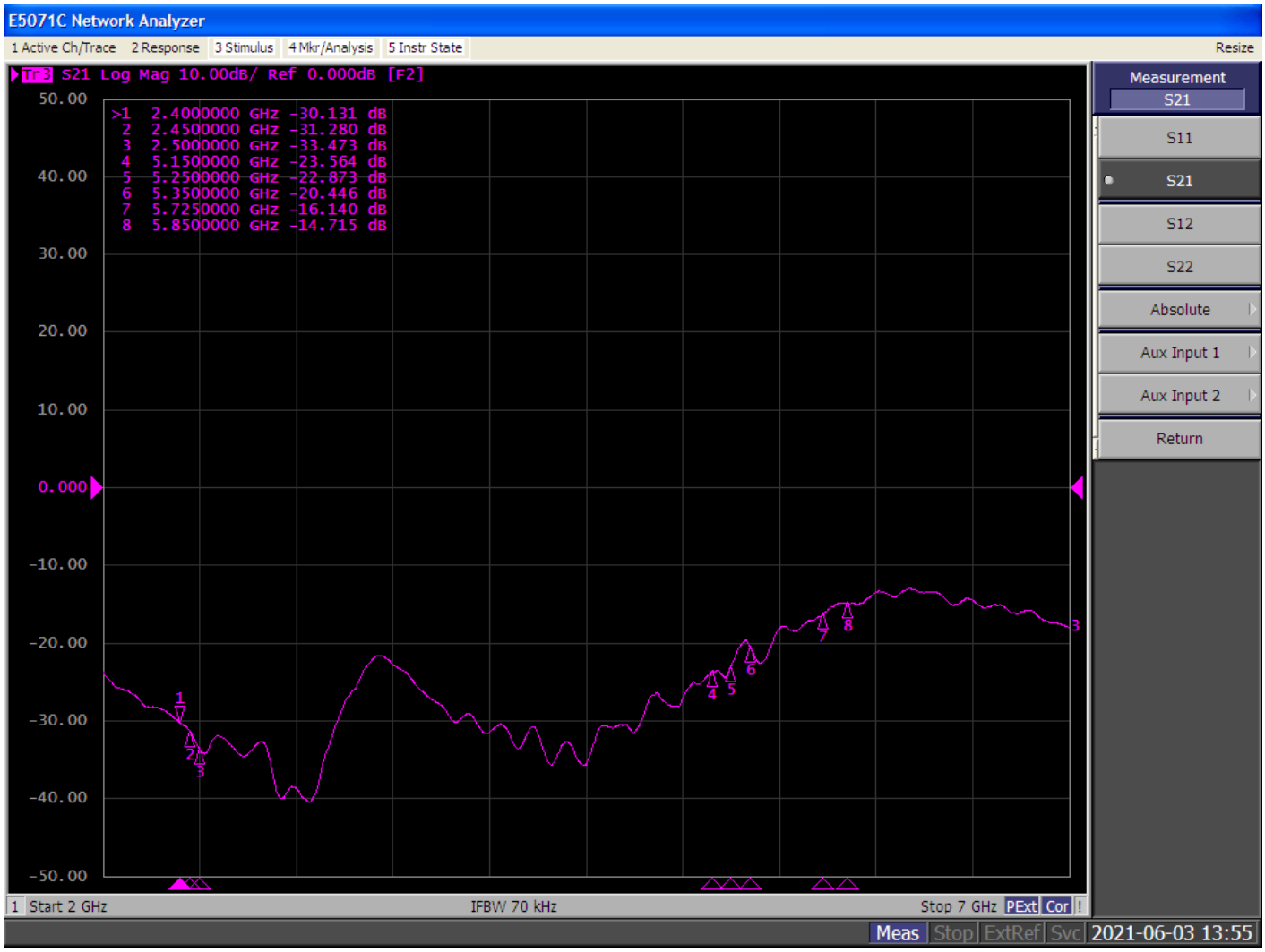
Return Loss & VSWR & Smith
ANTENNA-L



Test time：2021/06/03		
Company：晶訊CC&C	Model：P52 Antenna-L/R	Project：2.4GHZ+5GHZ ANTENNA

Photo：

Isolation

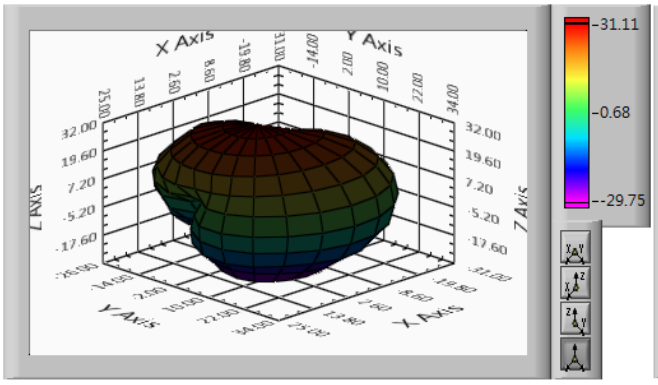


Test time：2021/06/03		
Company：晶訊CC&C	Model：P52 Antenna-L/R	Project：2.4GHZ+5GHZ ANTENNA

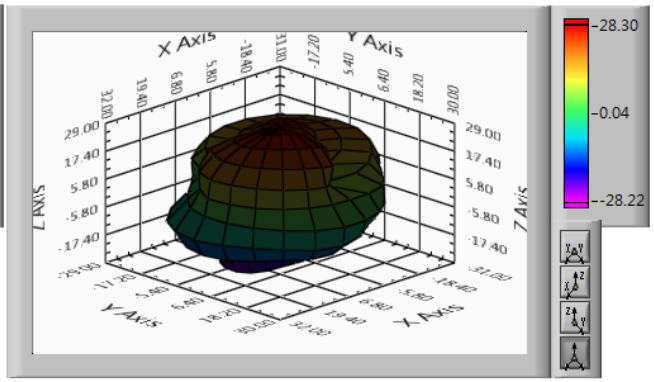
Photo：

3D Radiation Pattern

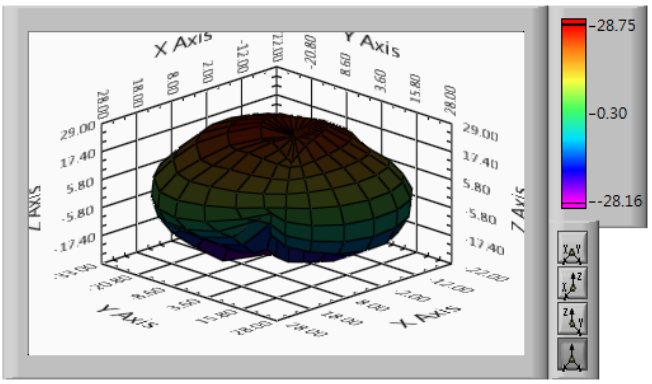
ANTENNA-R



2400 MHz



2450 MHz

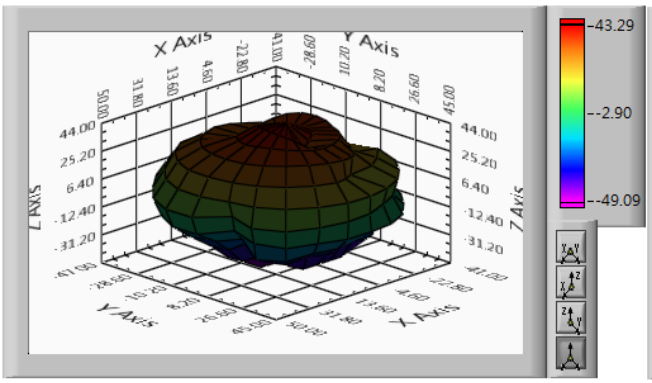


2500 MHz

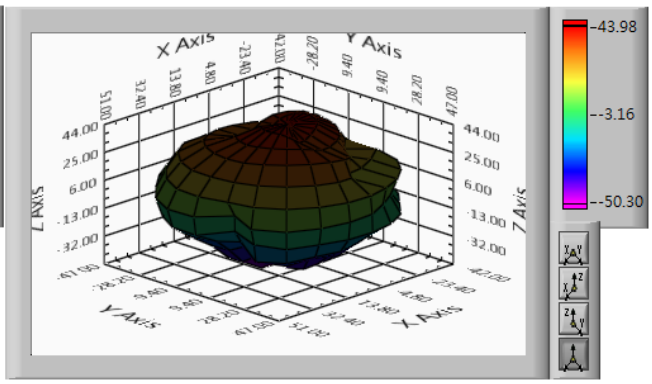
Test time：2021/06/03		
Company：晶訊CC&C	Model：P52 Antenna-L/R	Project：2.4GHZ+5GHZ ANTENNA

Photo：

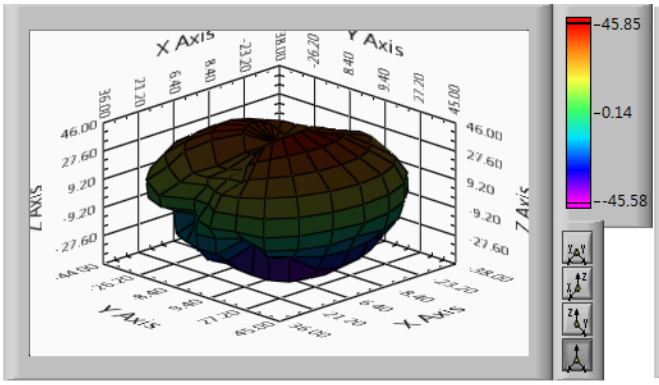
3D Radiation Pattern



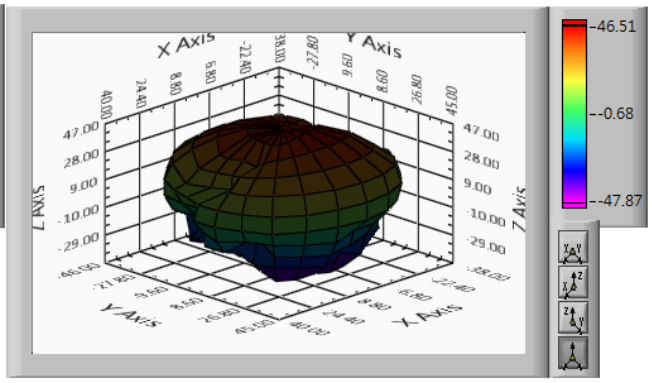
5150 MHz



5250 MHz



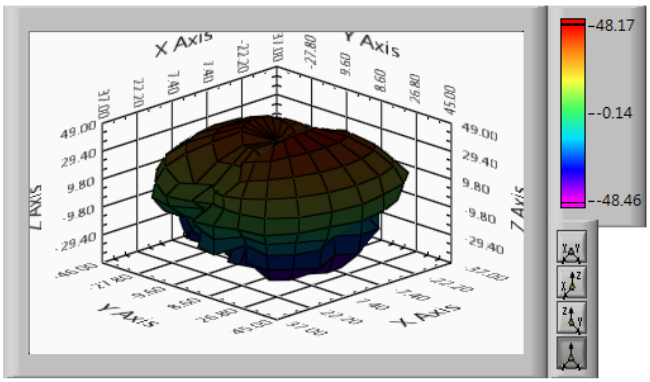
5350 MHz



5725 MHz

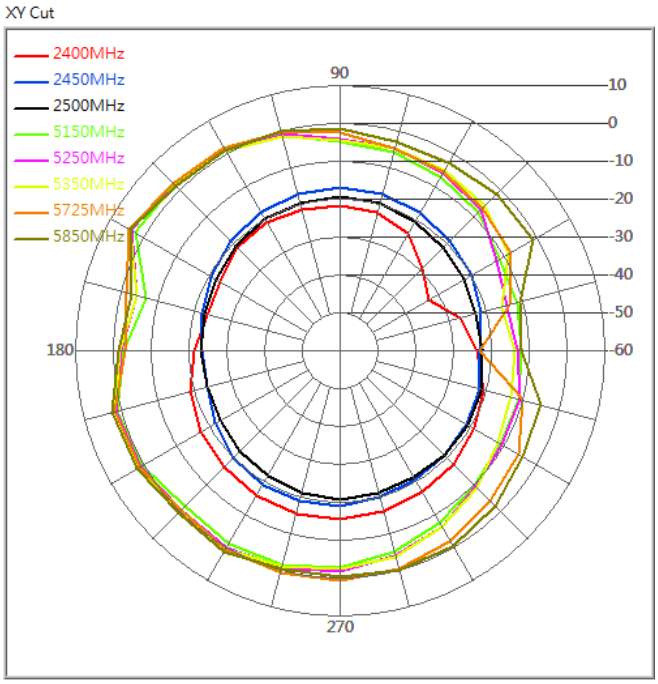
Test time：2021/06/03		
Company：晶訊CC&C	Model：P52 Antenna-L/R	Project：2.4GHZ+5GHZ ANTENNA

Photo：
3D Radiation Pattern



5850 MHz

Photo：
2D Radiation Pattern
XYCUT

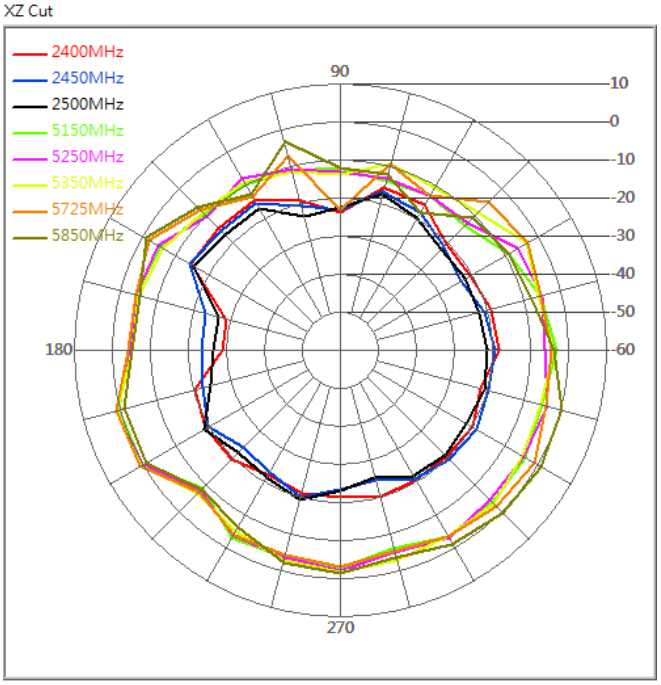


Test time：2021/06/03		
Company：晶訊CC&C	Model:P52 Antenna-L/R	Project：2.4GHZ+5GHZ ANTENNA

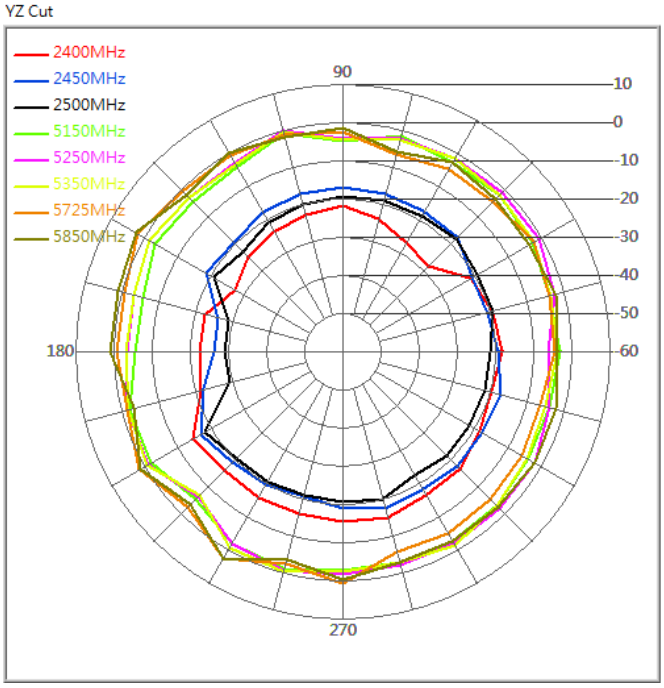
Photo：

2D Radiation Pattern

XZCUT



YZCUT



3D Antenna Gain

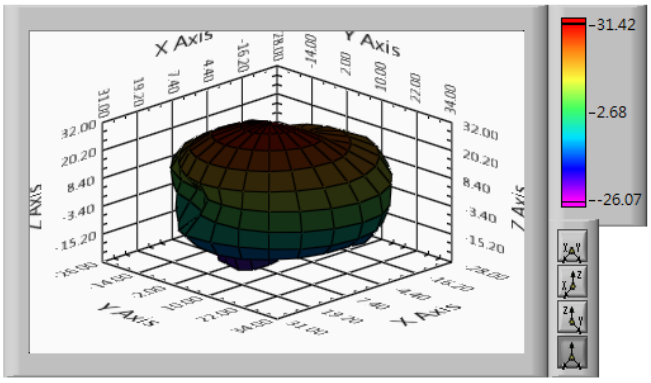
Frequency (MHz)	Peak Gain (dBi)	Efficiency (%)
2400	-13.33	1.4
2450	-13.61	1.26
2500	-14.72	0.88
5150	3.36	50.01
5250	4.25	57.98
5350	4.97	57.87
5725	6.05	67.53
5850	5.33	79.28

Test time：2021/06/03		
Company：晶訊CC&C	Model：P52 Antenna-L/R	Project：2.4GHZ+5GHZ ANTENNA

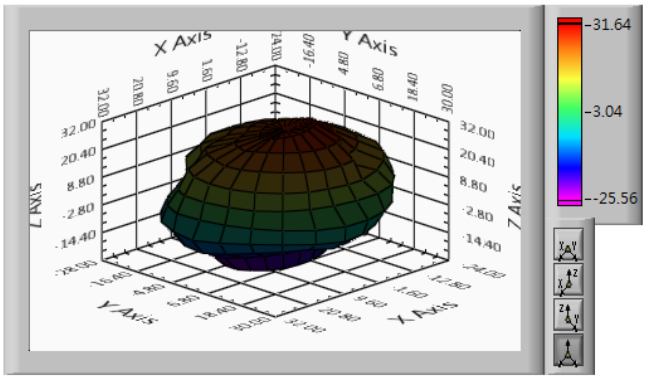
Photo：

3D Radiation Pattern

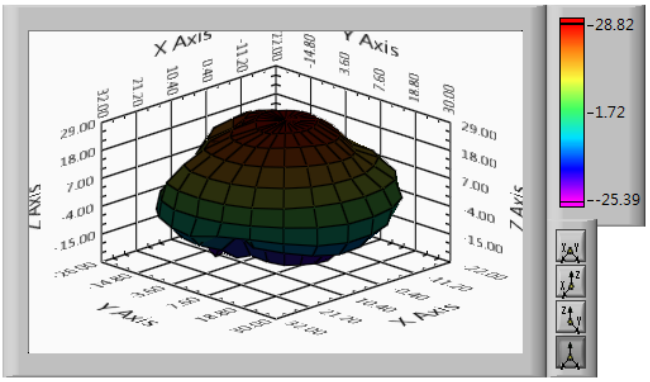
ANTENNA-L



2400 MHz



2450 MHz

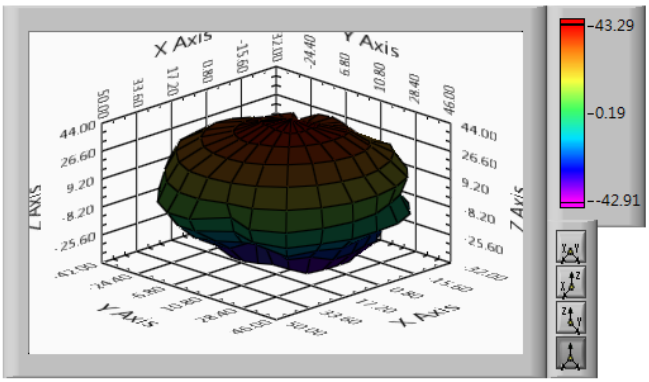


2500 MHz

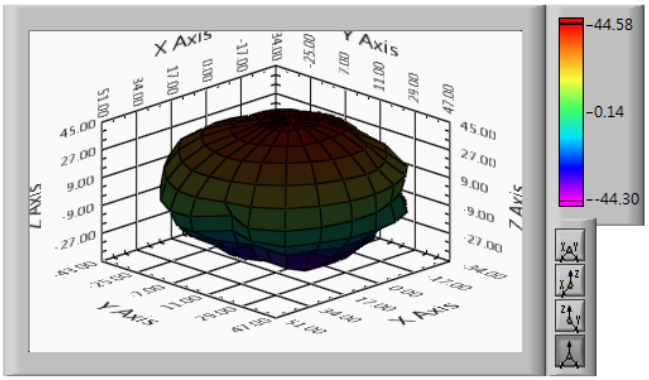
Test time：2021/06/03		
Company：晶訊CC&C	Model：P52 Antenna-L/R	Project：2.4GHZ+5GHZ ANTENNA

Photo：

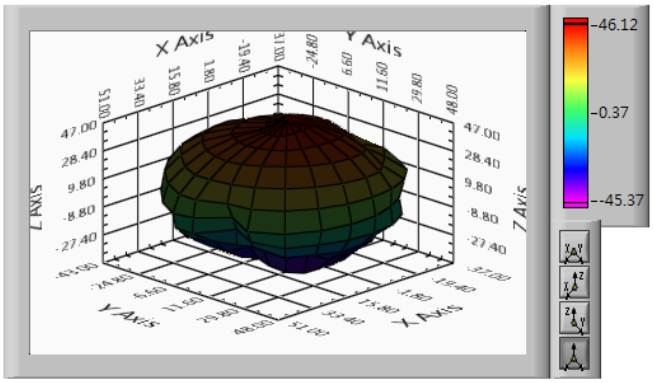
3D Radiation Pattern



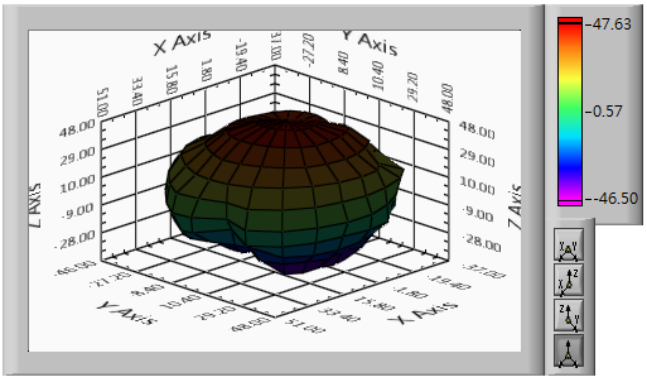
5150 MHz



5250 MHz



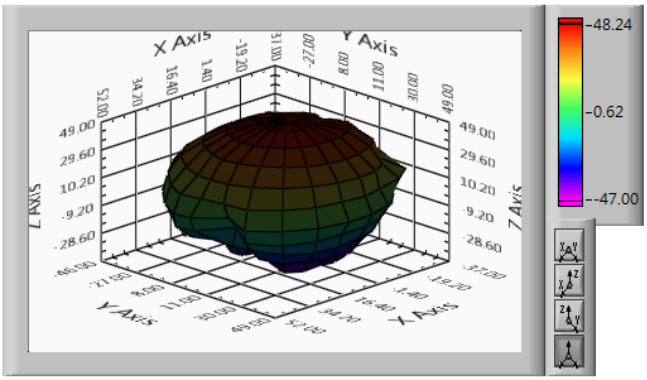
5350 MHz



5725 MHz

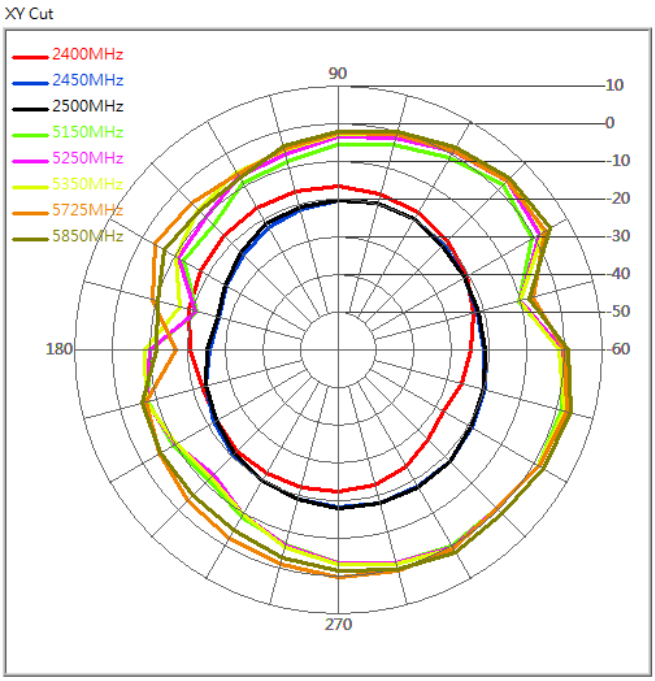
Test time：2021/06/03		
Company：晶訊CC&C	Model：P52 Antenna-L/R	Project：2.4GHZ+5GHZ ANTENNA

Photo：
3D Radiation Pattern



5850 MHz

Photo：
2D Radiation Pattern
XYCUT



Test time：2021/06/03		
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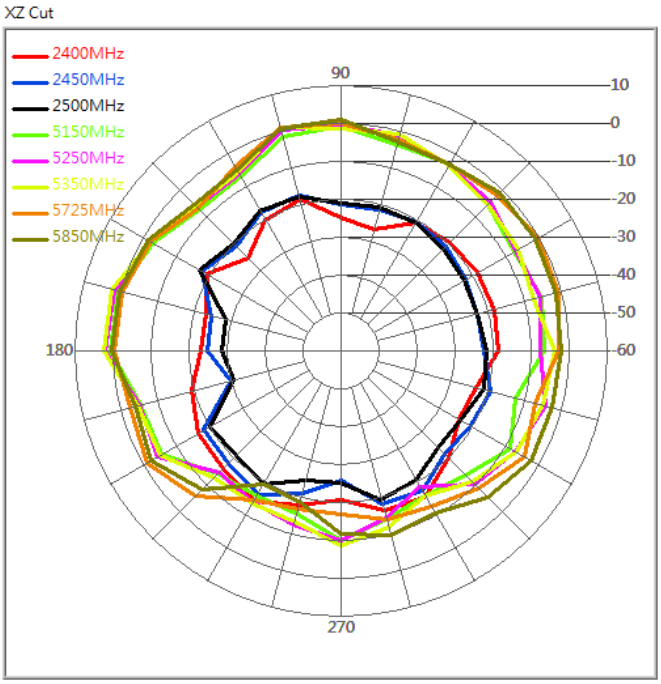
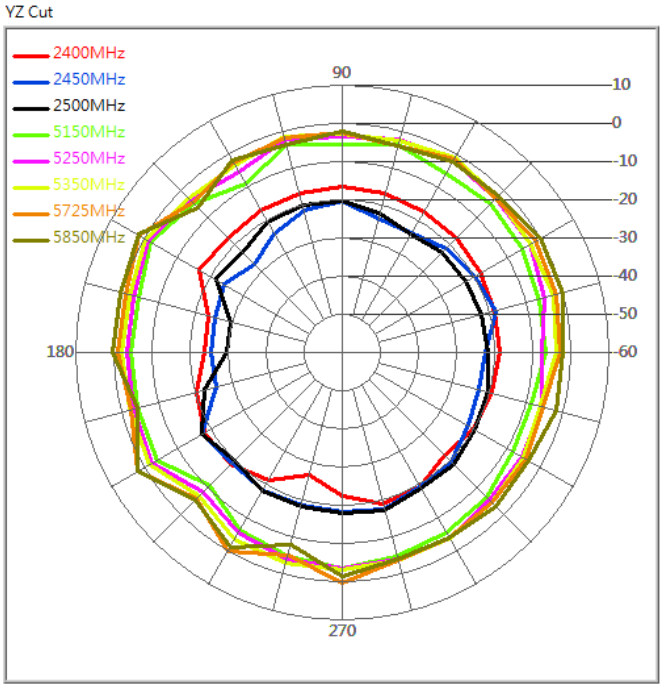
2D Radiation Pattern

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