

Project Information

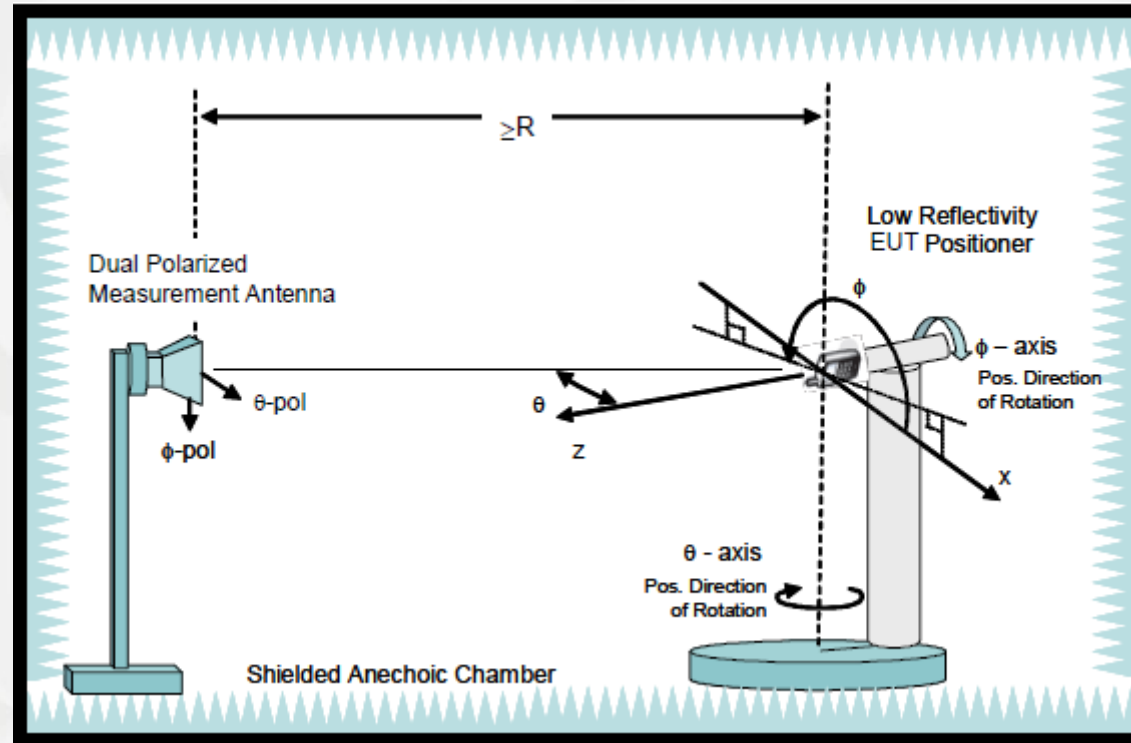
客户名称 Customer Name	深圳金信诺高新技术股份有限公司 Kingsignal Technology Co., Ltd
项目名称 Project Name	
工作频段 Working Band	2.4-2.5G/5.15-5.85G
规格 Description	PCB+CABLE+IPEX
版本 Version	V1.0
日期 Date	

Tuning Instrument

Network Analyzer	Agilent E5071C
Frequency Range	100KHz ~ 8.5GHz
Test Item	Return Loss/VSWR/Smith Chart /Isolation

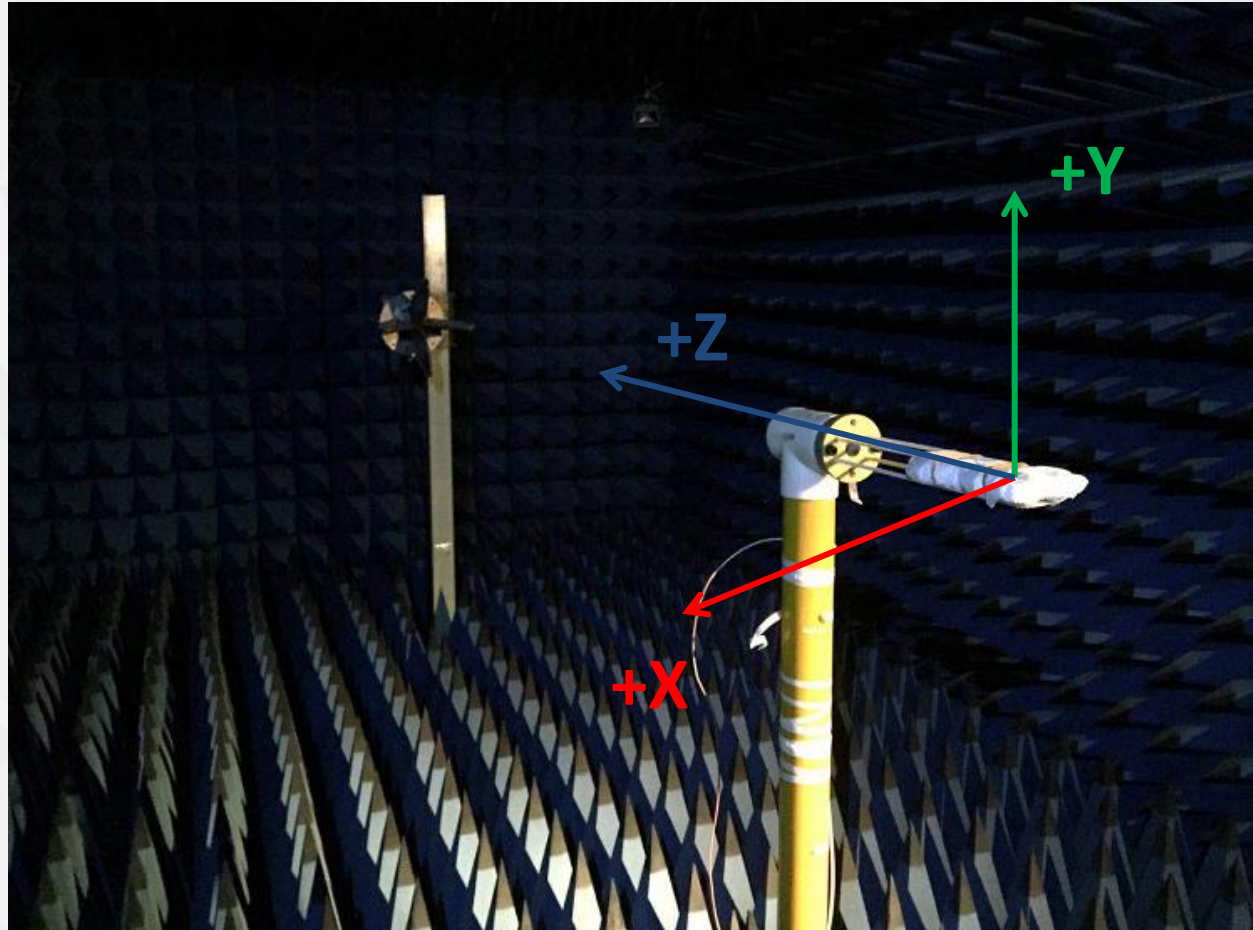


Typical Setup for Test System



Combined-Axes System

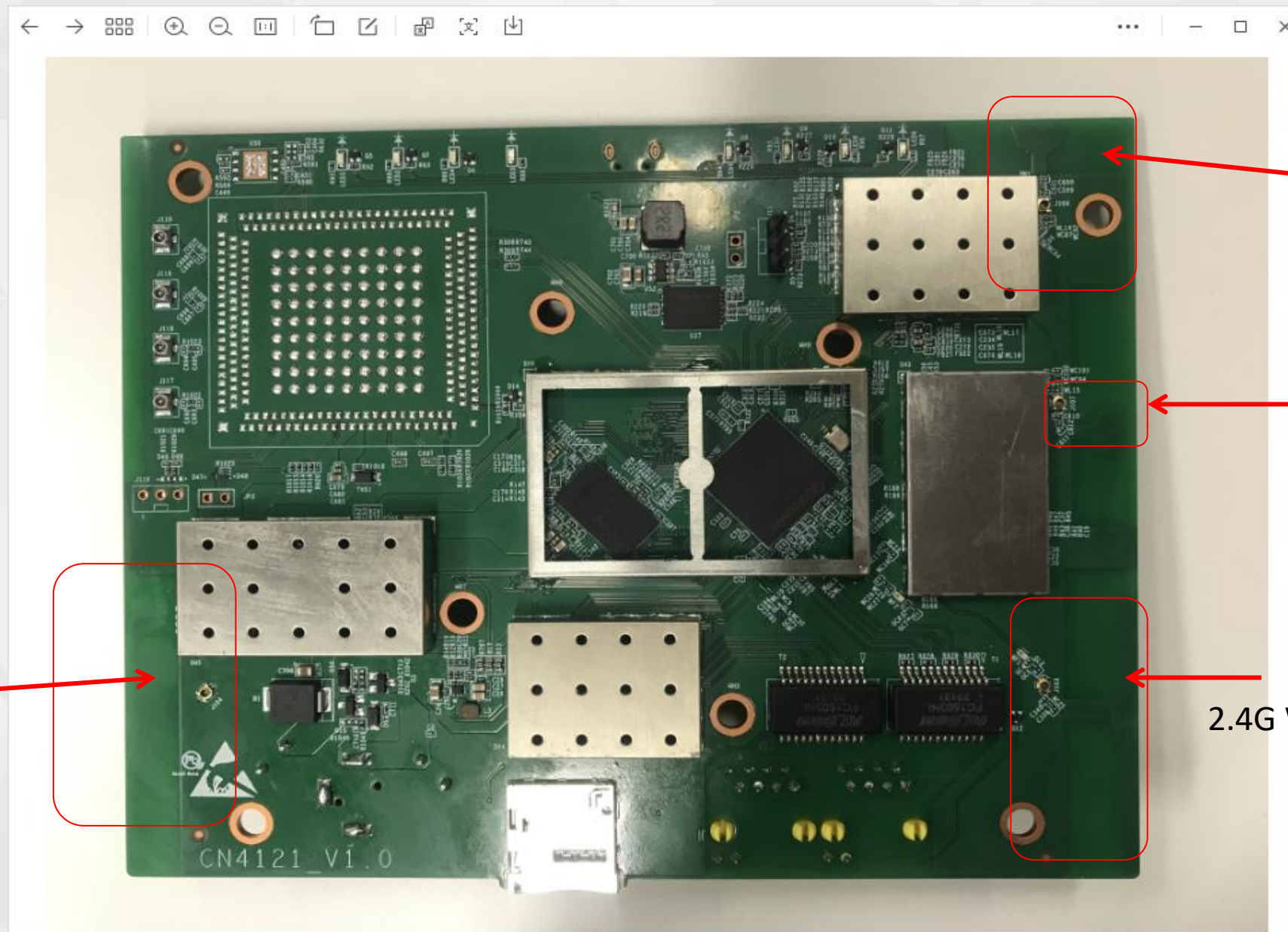
Anechoic Chamber



Combined-Axes System

Comment: E1 plane means XZ section, E2 plane means YZ section, H plane means XY section.

Antenna Sample Description



2.4G WIFI 2#

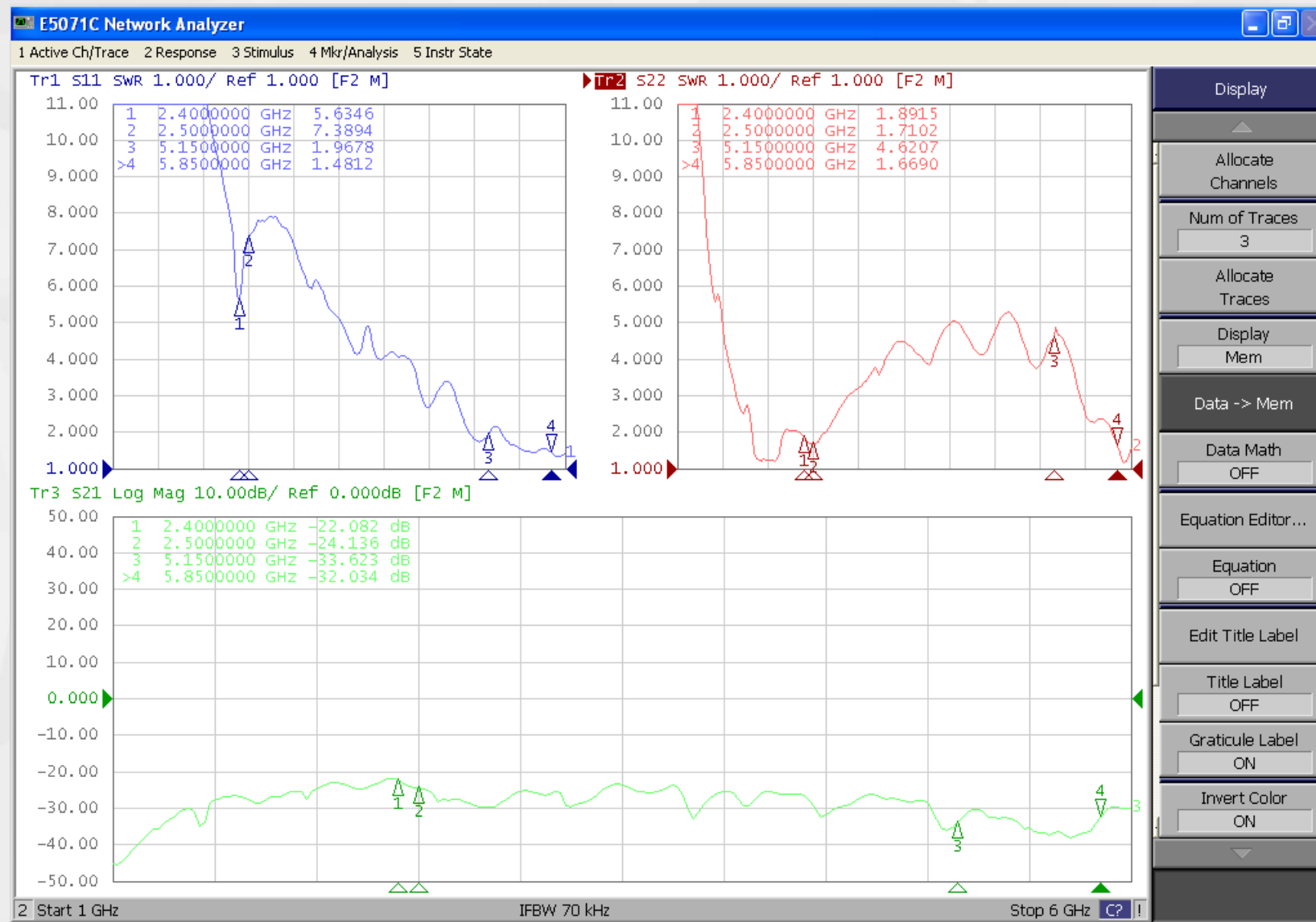
5.8G WIFI 2#

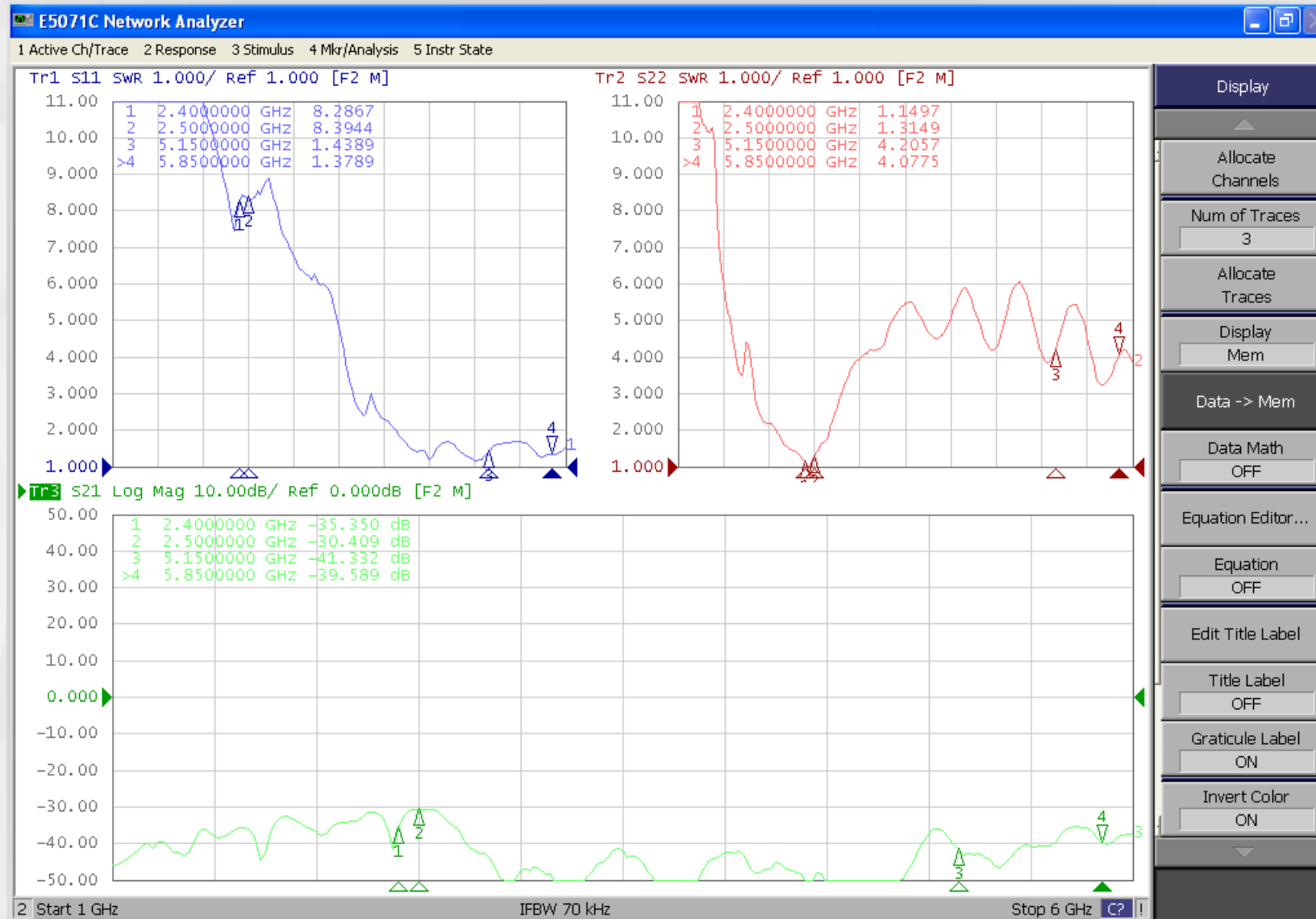
5.8G WiFi 1#

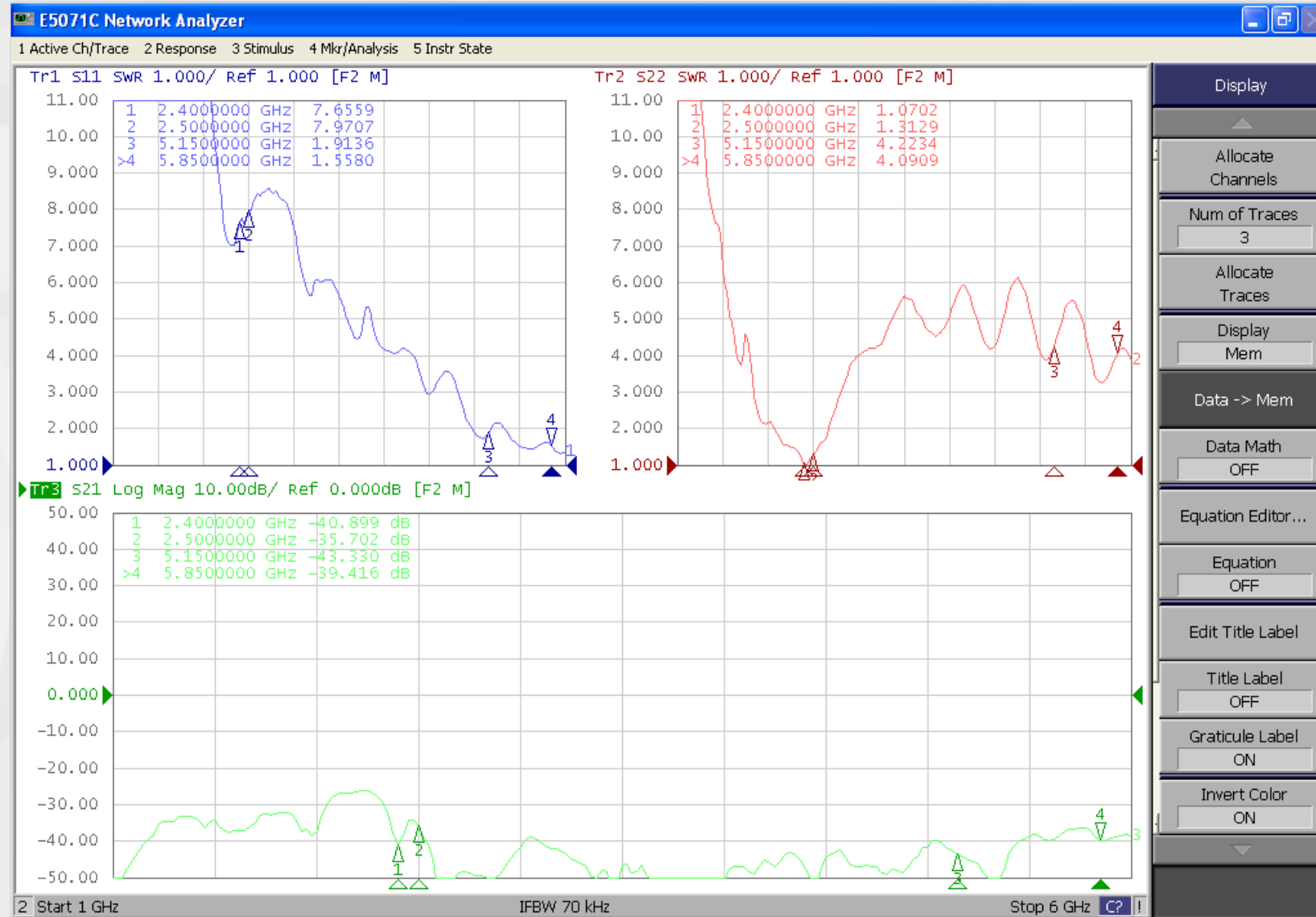
2.4G WiFi 1#











Display

Allocate Channels

Num of Traces
3

Allocate Traces

Display Mem

Data -> Mem

Data Math
OFF

Equation Editor...

Equation
OFF

Edit Title Label

Title Label
OFF

Graticule Label
ON

Invert Color
ON



Test Result - Passive

2.4G WIFI 1#



24-1-2021-01
-14-10-56-45.;

2.4G WIFI 2#



24-2-2021-01
-14-10-55-43.;

5.8G WIFI 1#



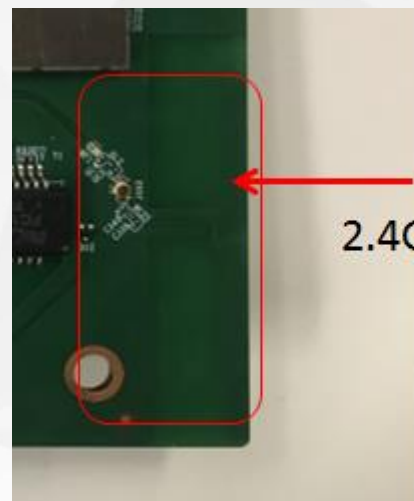
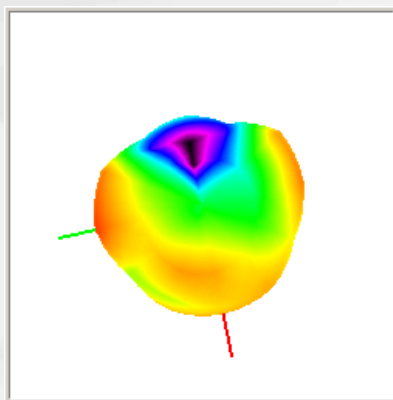
58-1-2021-01
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5.8G WIFI 2#

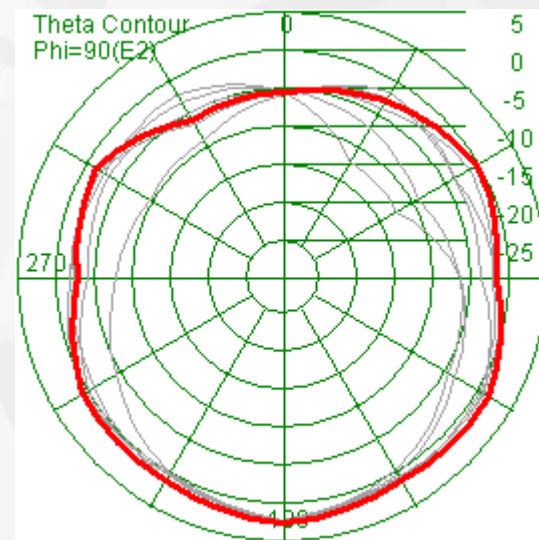
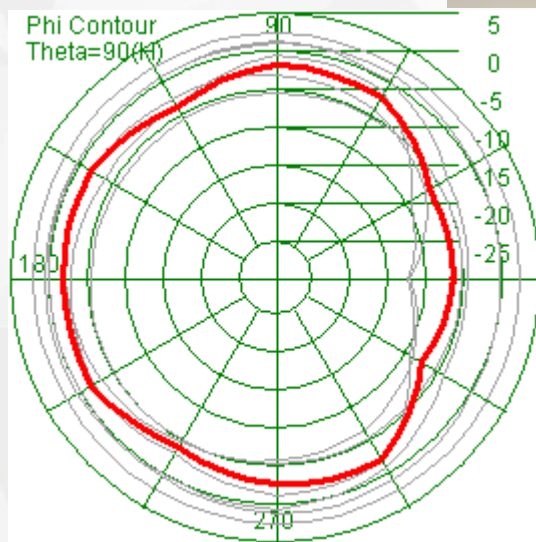
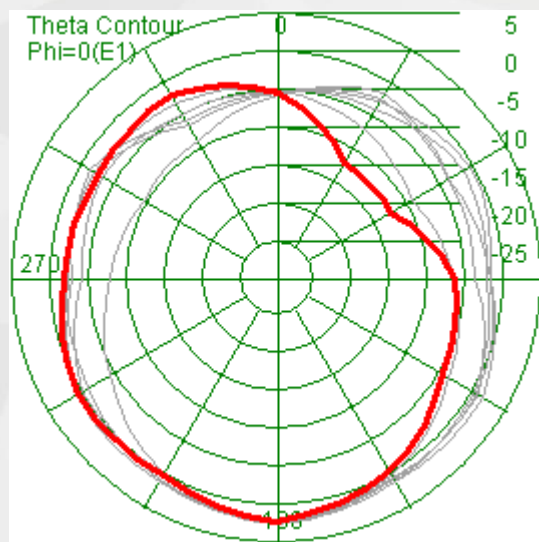


58-2-2021-01
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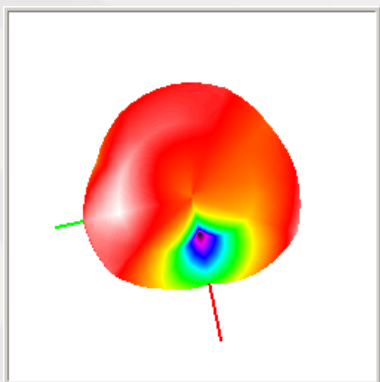
Radiation pattern – 2.4G 1#



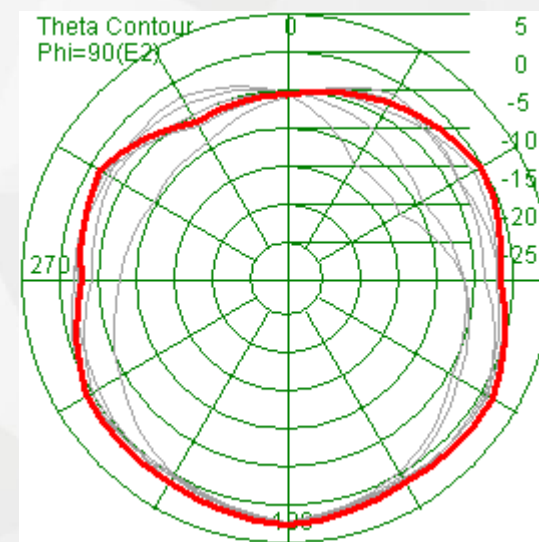
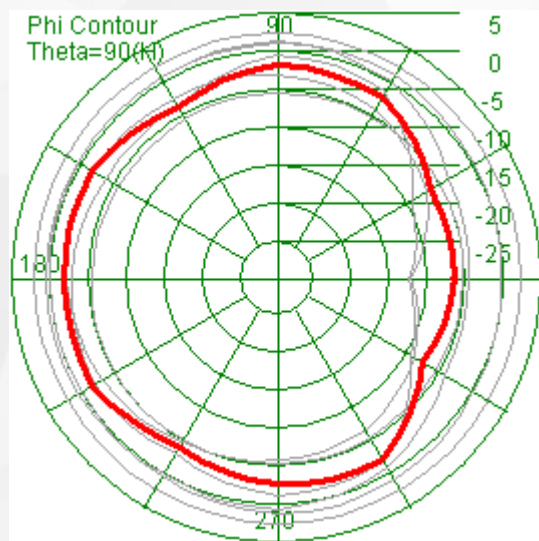
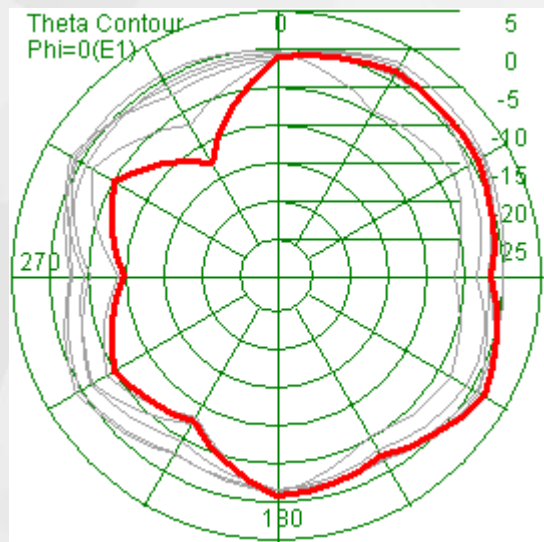
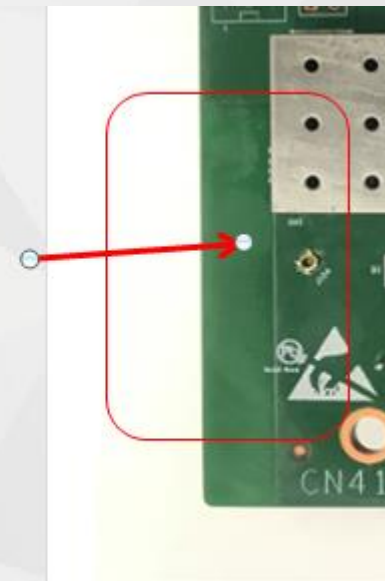
2.4G WiFi 1#



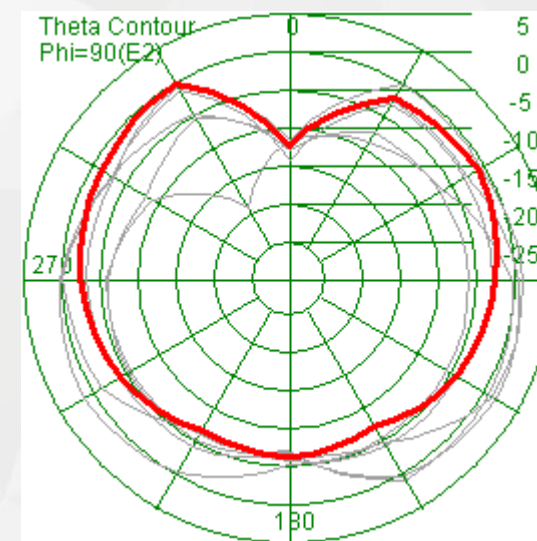
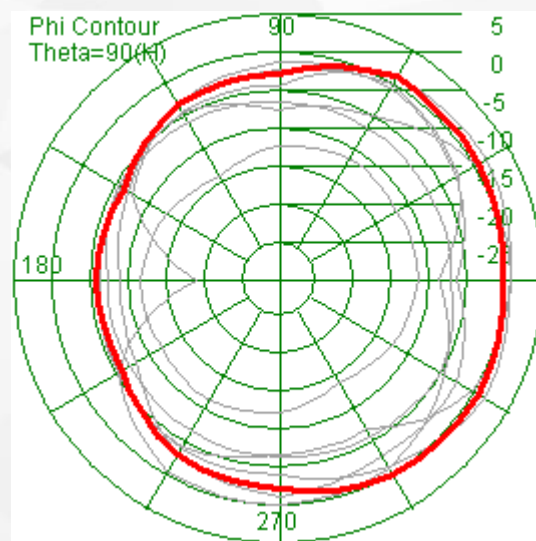
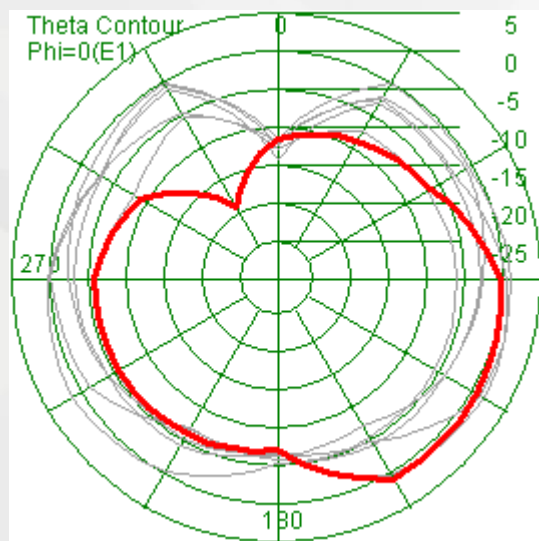
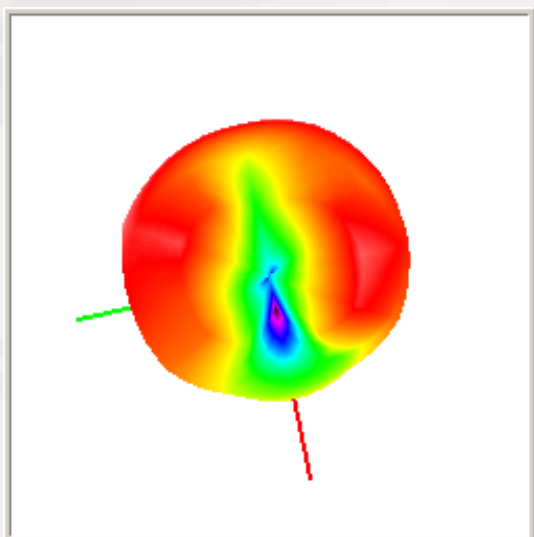
Radiation pattern – 2.4G 2#



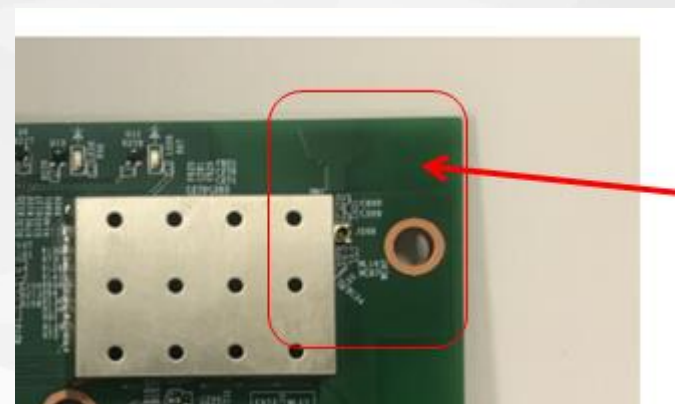
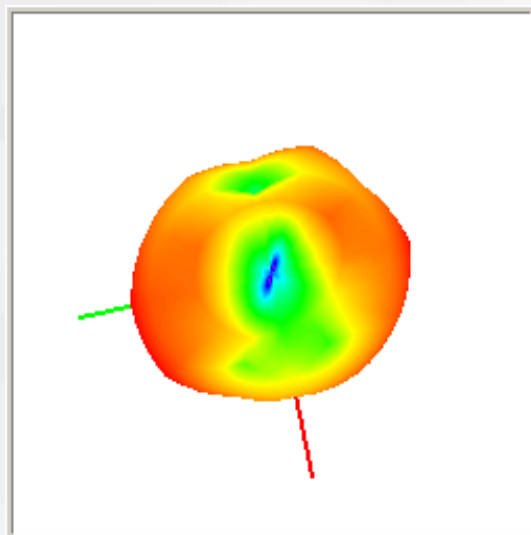
2.4G WIFI 2#



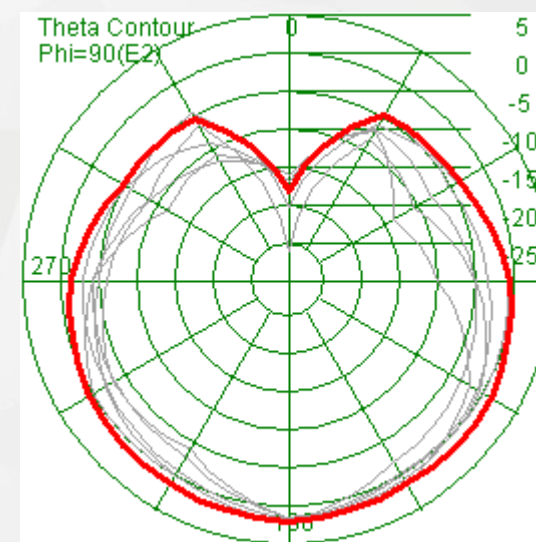
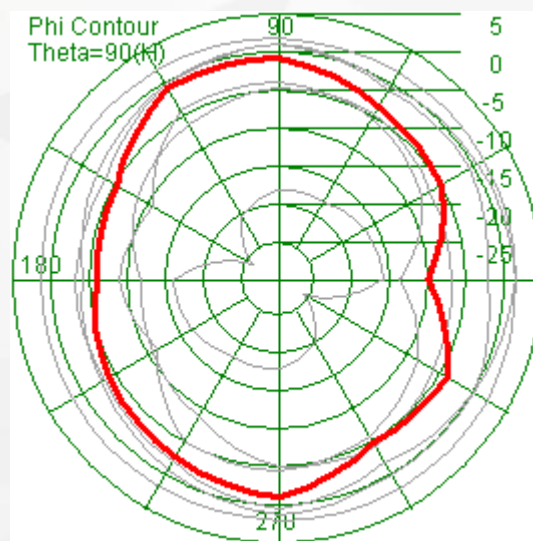
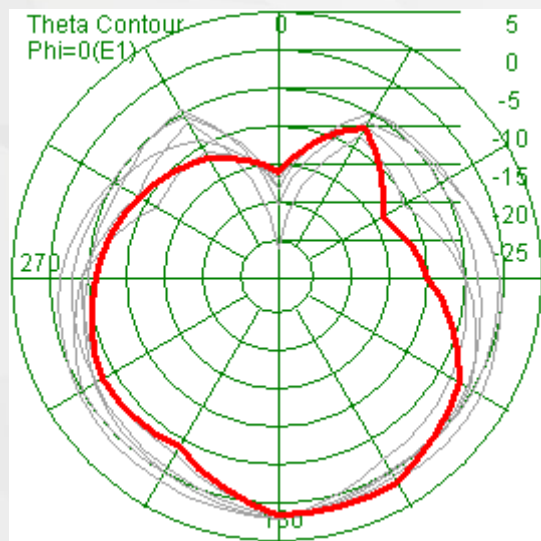
Radiation pattern – 5.8G 1#



Radiation pattern – 5.5G 2#



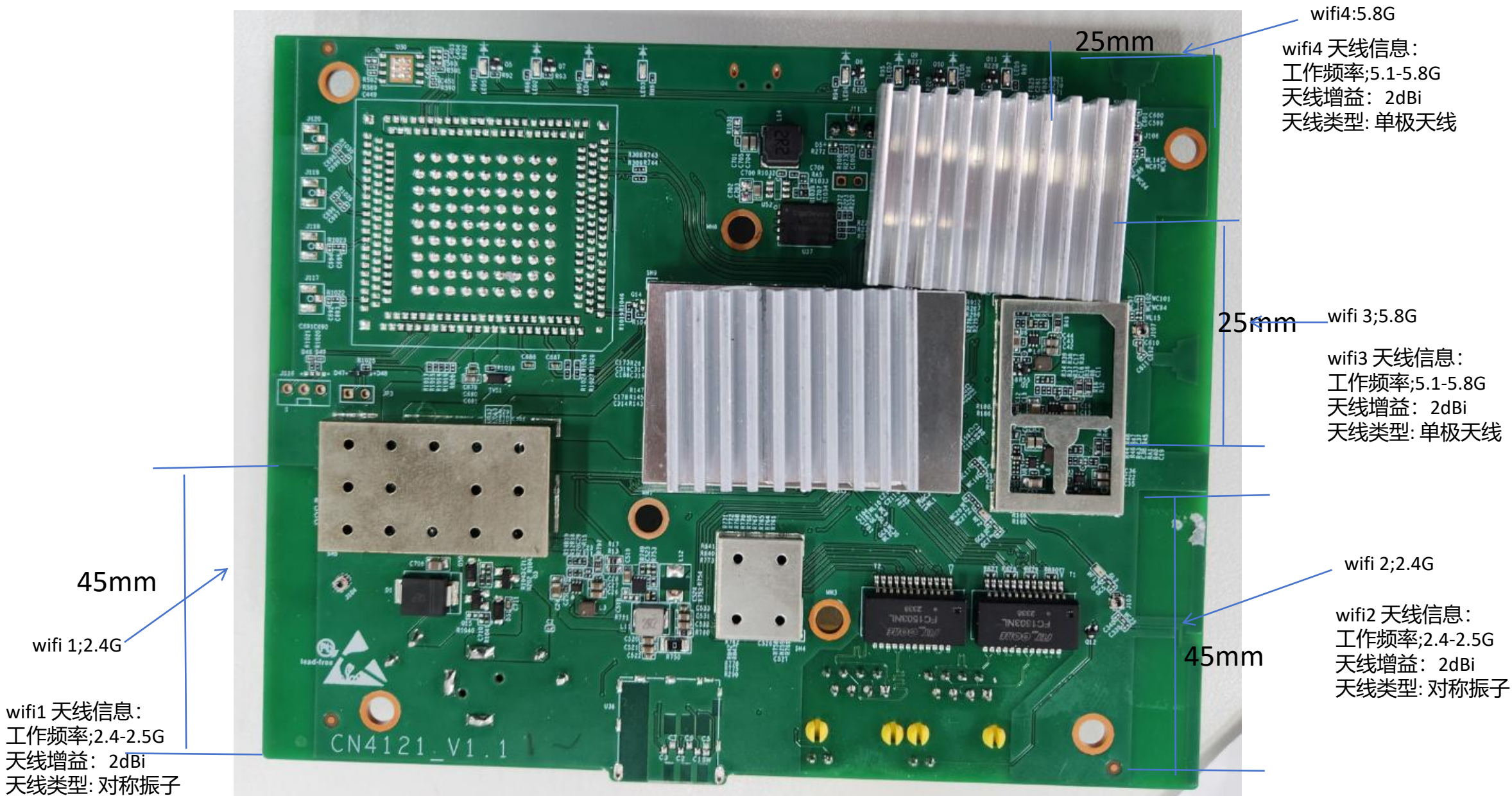
5.8G WIFI 2#



Gain

gain	No1	No2
2400.00	2.30	2.43
2450.00	2.19	1.78
2500.00	3.10	2.37
gain	No3	No4
5150.00	1.84	2.38
5500.00	1.52	1.84
5850.00	1.19	2.74

Cable 长度150mm
线径 1.37



制造商：深圳金信诺高新技术股份有限公司