

Shenzhen Etheta Communicate Ltd.
(Shenzhen R&D)

Customer: TCL Communication Ltd.

Project name: Venus 8.7

Product name: Venus 8.7-WIFI antenna

Material: FPC

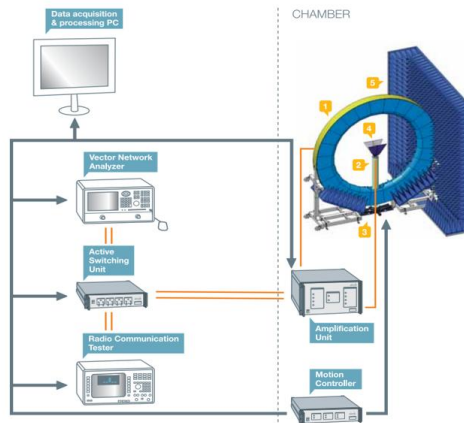
Date: 2025.03.26

Test system introduction:

 SATIMO暗室SG24测试环境简介

www.myetheta.com

暗室系统配置图



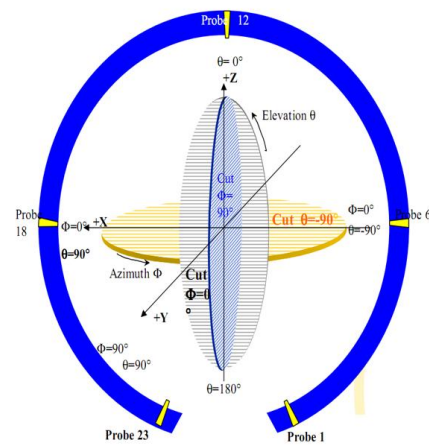
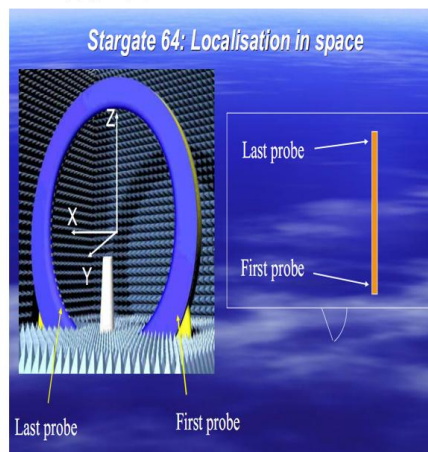
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SG24 – 坐标标识图

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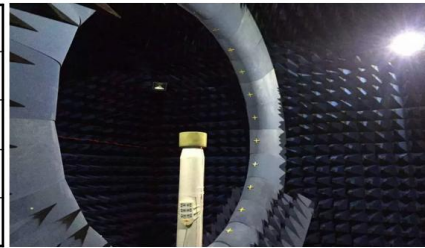


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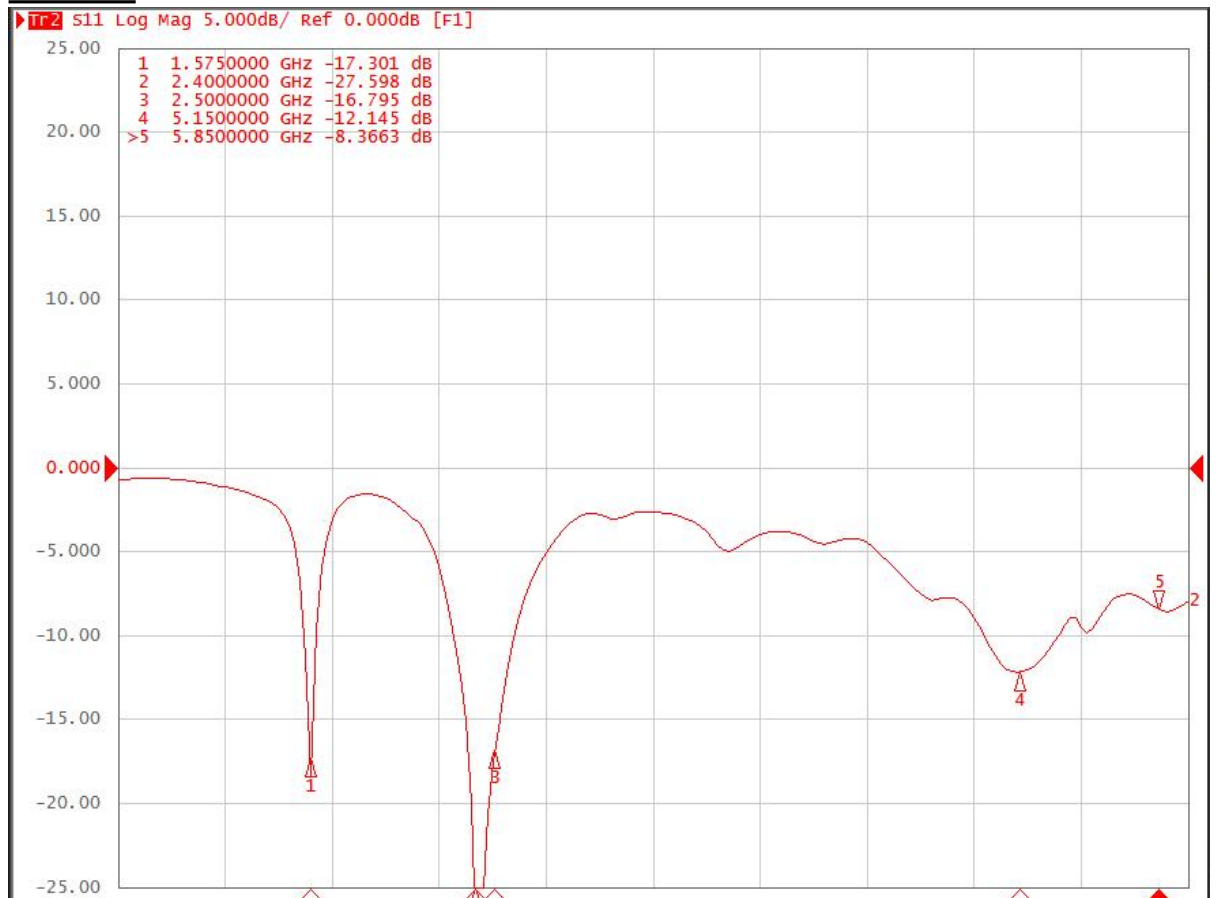
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测试项目	测试设备
S11、S12、VSWR、LOSS	网络分析仪E5071C
Efficiency、Gain 3D Radiation Pattern	Satimo SG24暗室、E5071B
TRP、TIS	Satimo SG24暗室、8960、 MT8820C
SAR@HAC	SAR 测试系统

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S11:

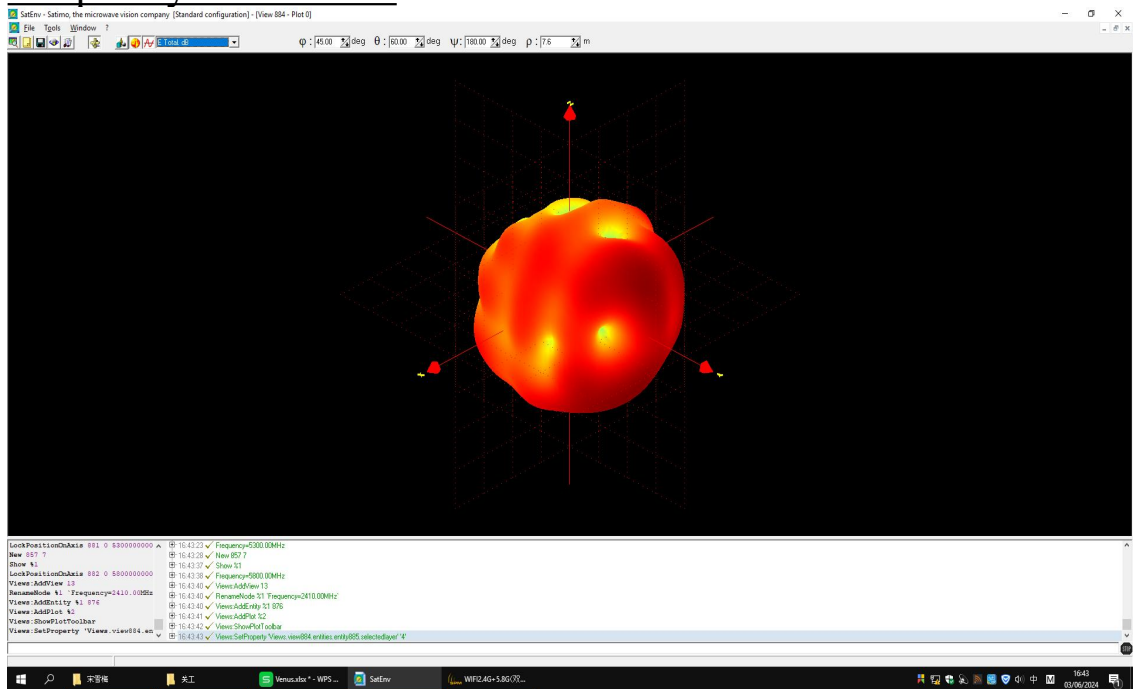


Effi, Gain:

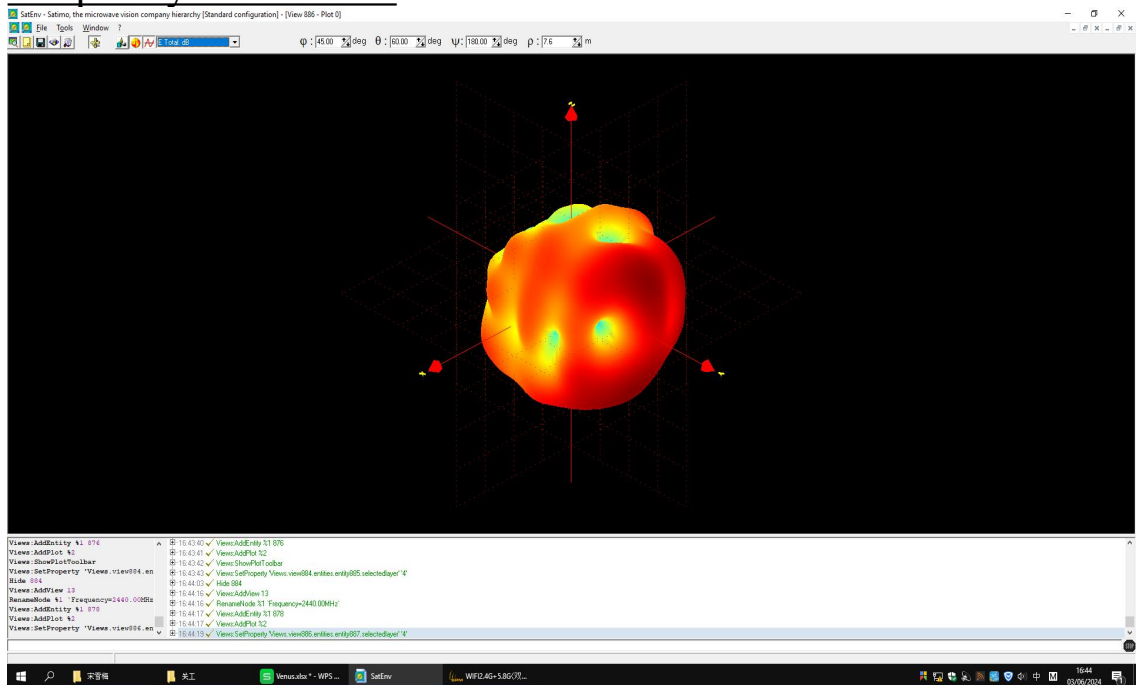
f(MHz)	E (%)	E (dB)	Gain (dBi)
2400	55%	-2.61	1.17
2410	55%	-2.59	1.13
2420	54%	-2.69	1.22
2430	55%	-2.62	1.19
2440	54%	-2.68	1.16
2450	53%	-2.76	1.06
2460	53%	-2.73	1.12
2470	53%	-2.78	1.16
2480	53%	-2.79	1.18
2490	52%	-2.87	1.13
2500	51%	-2.92	1.15
5150	47%	-3.28	0.14
5200	47%	-3.27	0.29
5250	43%	-3.71	0.53
5300	43%	-3.90	0.58
5350	44%	-3.56	0.26
5400	46%	-3.35	0.47
5450	48%	-3.20	0.41
5500	46%	-3.40	0.34
5550	46%	-3.34	0.39
5600	45%	-3.42	0.52
5650	46%	-3.39	0.51
5700	46%	-3.36	0.37
5750	47%	-3.32	0.20
5800	47%	-3.29	0.24
5850	44%	-3.56	0.25

3D Pattern:

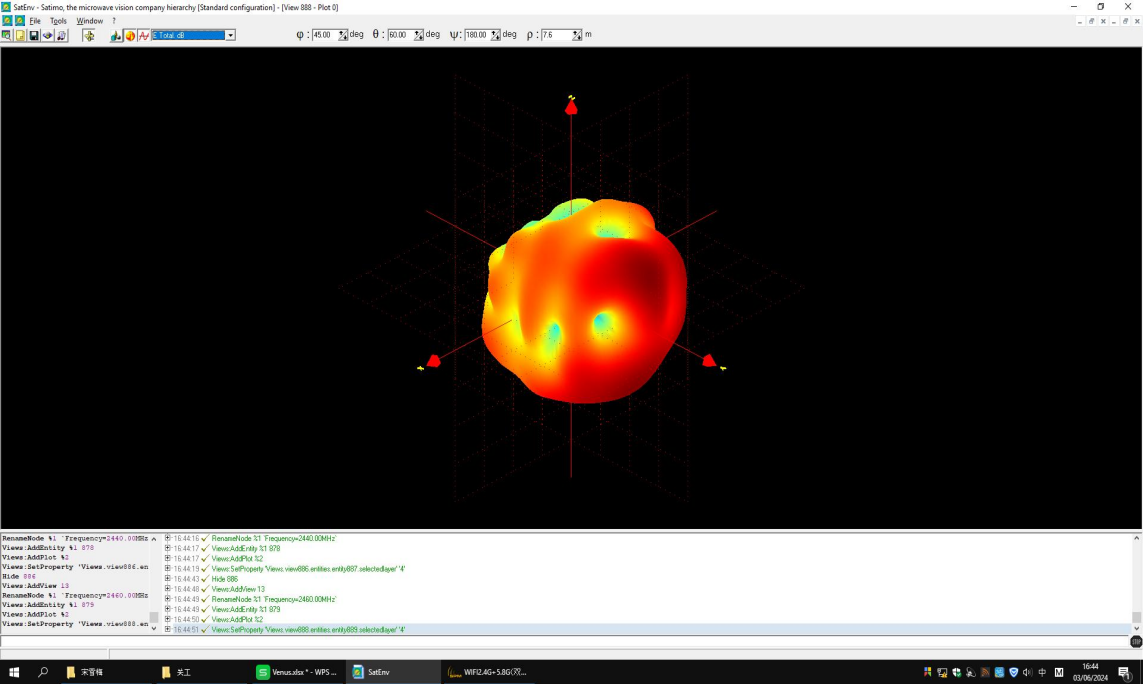
Frequency=2412MHz:



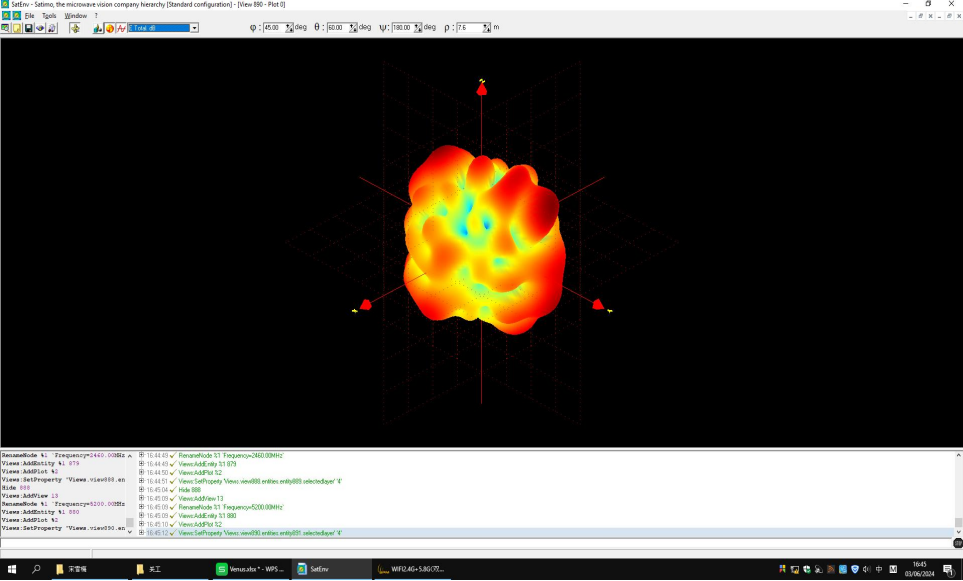
Frequency=2437MHz:



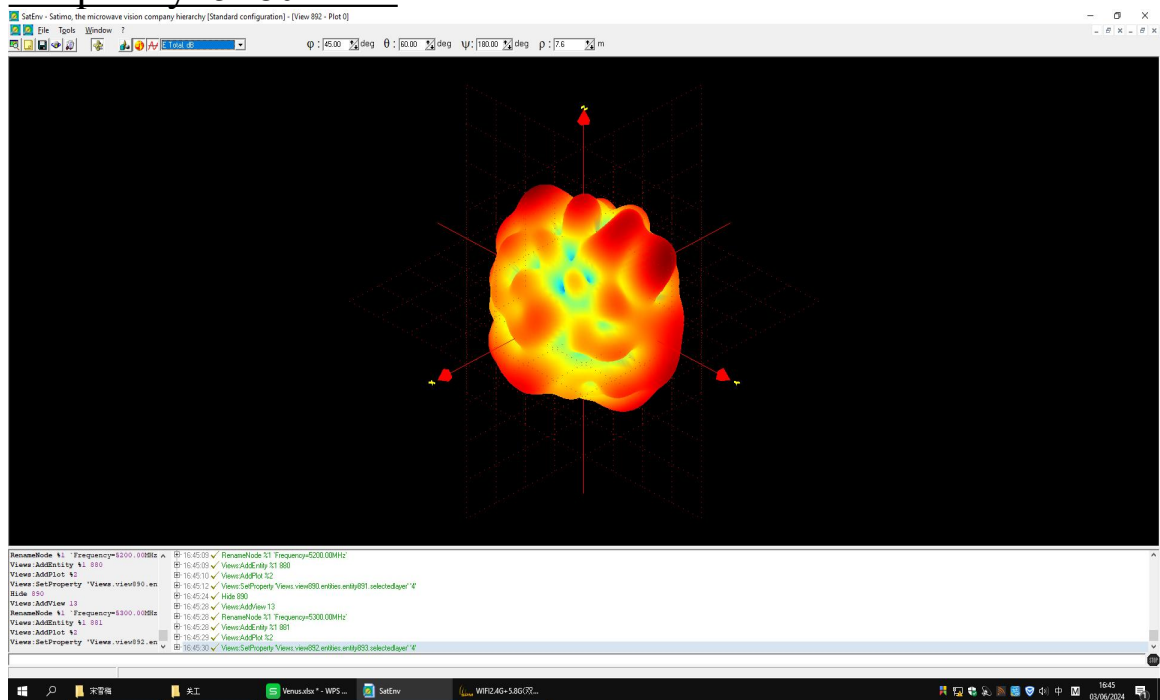
Frequency=2462MHz:



Frequency=5200MHz:



Frequency=5280MHz:



Frequency=5785MHz:

