

Shenzhen Etheta Communicate Ltd.
(Shenzhen R&D)

Customer: TCL Communication Ltd.

Project name: Venus 8.7 WiFi

Product name: Venus 8.7-WIFI antenna

Material: FPC

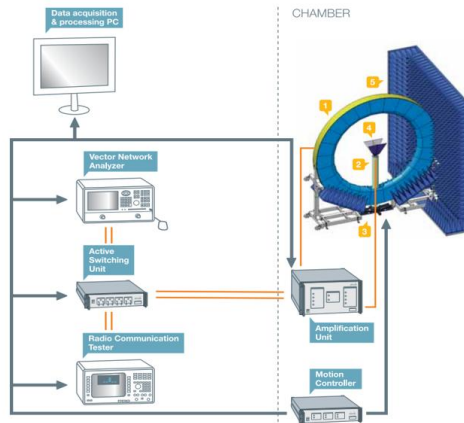
Date: 2024.7.3

Test system introduction:

 SATIMO暗室SG24测试环境简介

www.myetheta.com

暗室系统配置图



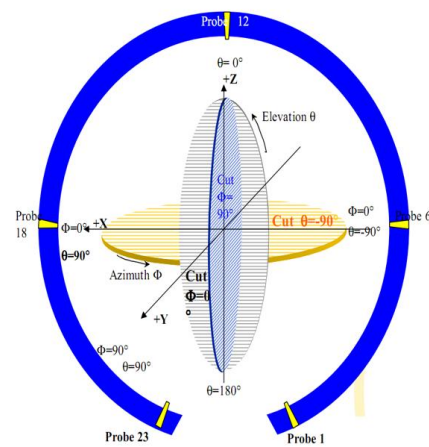
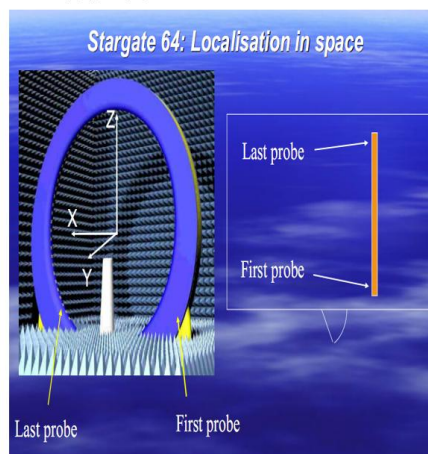
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SG24 – 坐标标识图

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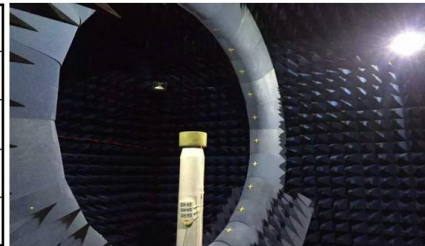


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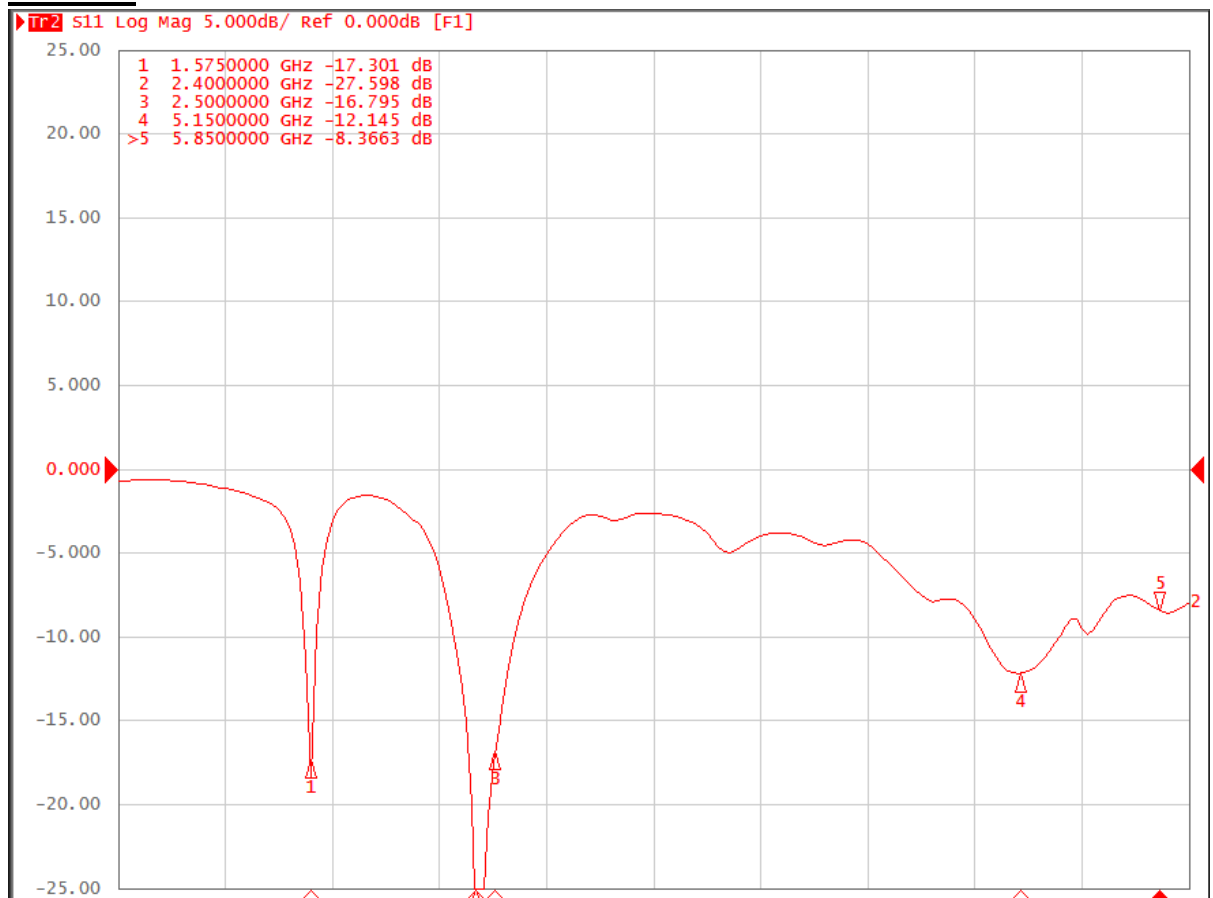
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测试项目	测试设备
S11、S12、VSWR、LOSS	网络分析仪E5071C
Efficiency、Gain 3D Radiation Pattern	Satimo SG24暗室、E5071B
TRP、TIS	Satimo SG24暗室、8960、 MT8820C
SAR@HAC	SAR 测试系统

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S11:

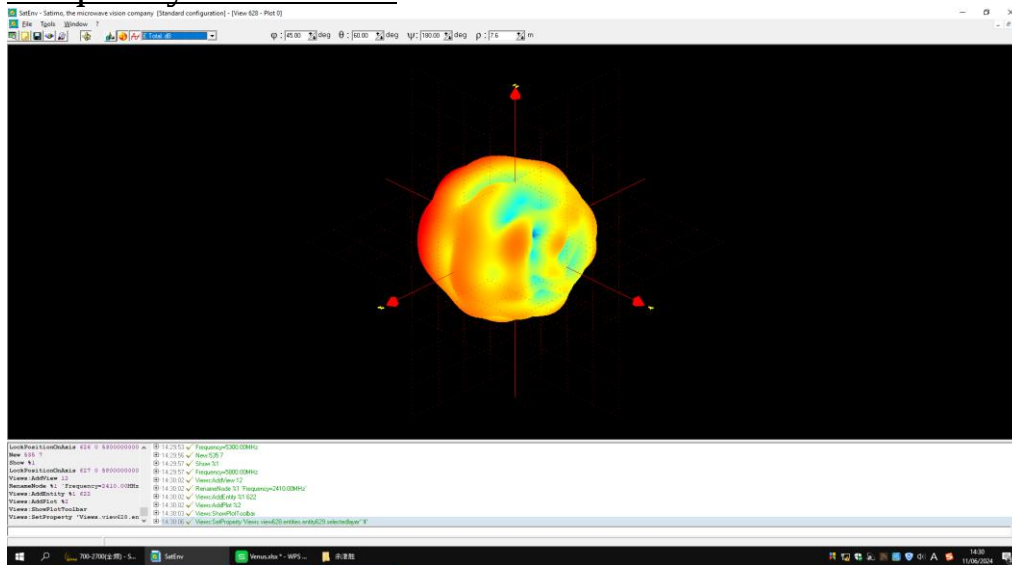


Effi, Gain:

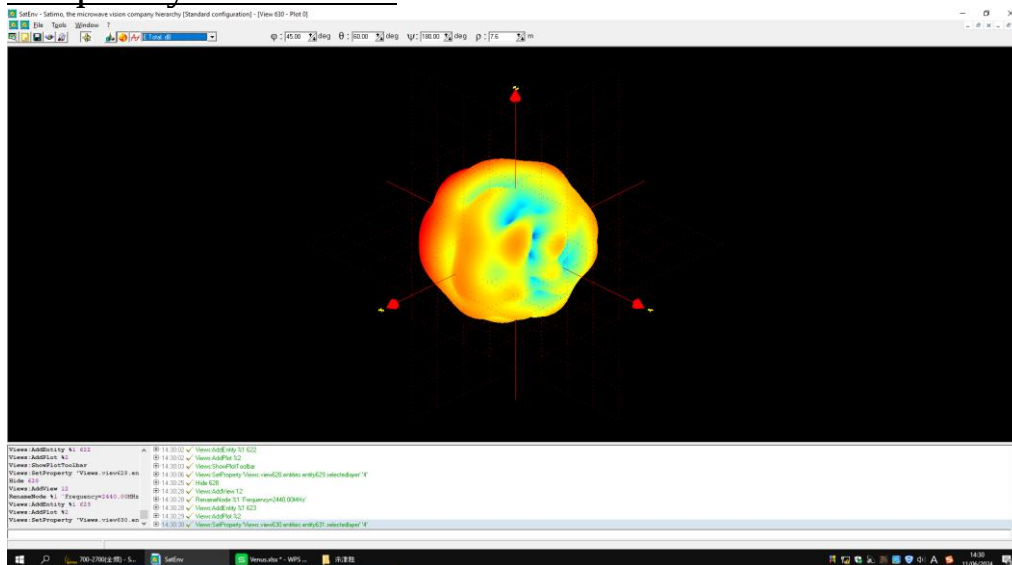
f(MHz)	E (%)	E (dB)
1550	51%	-2.95
1560	50%	-2.97
1570	49%	-3.08
1575	48%	-3.14
1580	46%	-3.34
1590	43%	-3.67
1600	39%	-4.13
1610	34%	-4.69
1620	30%	-5.21
1630	26%	-5.84
1640	22%	-6.61
1650	19%	-7.24
1660	16%	-8.07
2400	52%	-2.87
2410	54%	-2.67
2420	55%	-2.63
2430	56%	-2.48
2440	58%	-2.40
2450	57%	-2.41
2460	59%	-2.32
2470	59%	-2.30
2480	59%	-2.28
2490	59%	-2.32
2500	58%	-2.35
5150	38%	-4.23
5200	39%	-4.06
5250	37%	-4.28
5300	34%	-4.69
5350	36%	-4.38
5400	42%	-3.73
5450	46%	-3.40
5500	44%	-3.53
5550	46%	-3.39
5600	45%	-3.47
5650	44%	-3.52
5700	43%	-3.69
5750	42%	-3.80
5800	40%	-3.93
5850	37%	-4.33

3D Pattern:

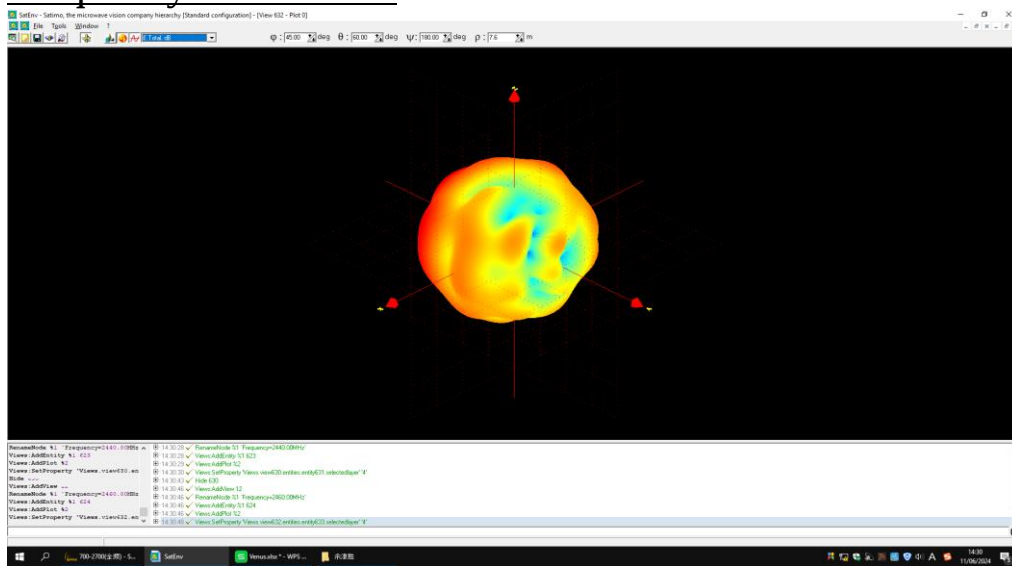
Frequency=2410MHz:



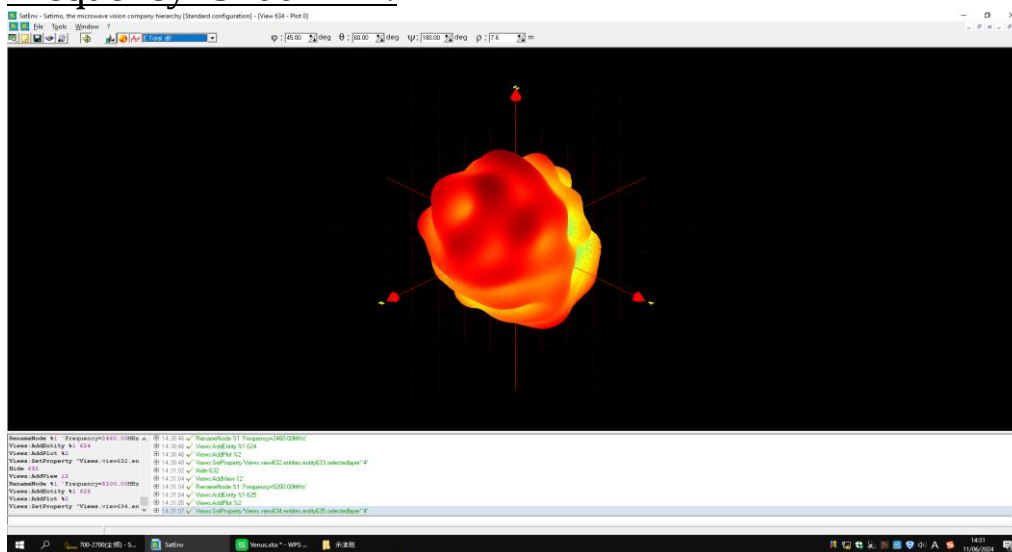
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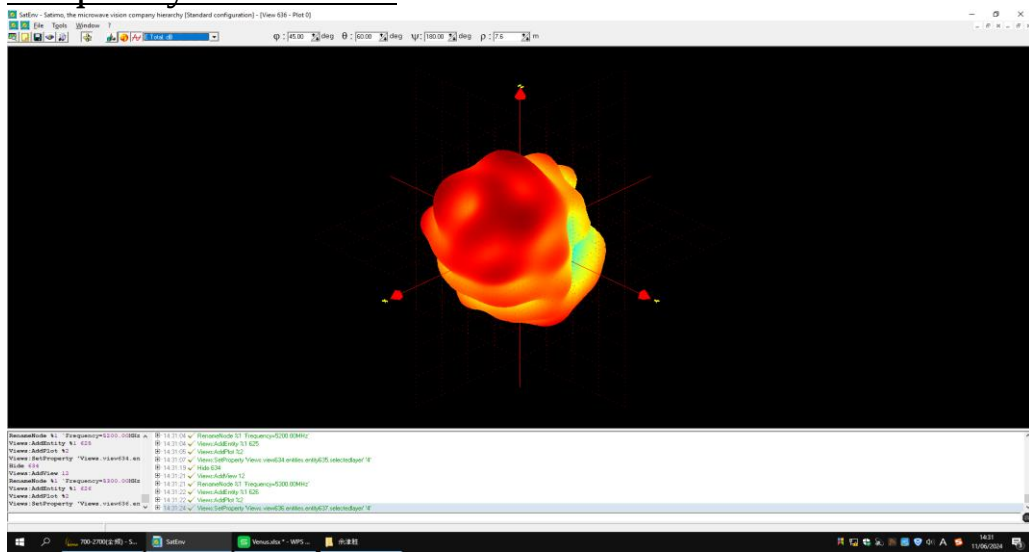
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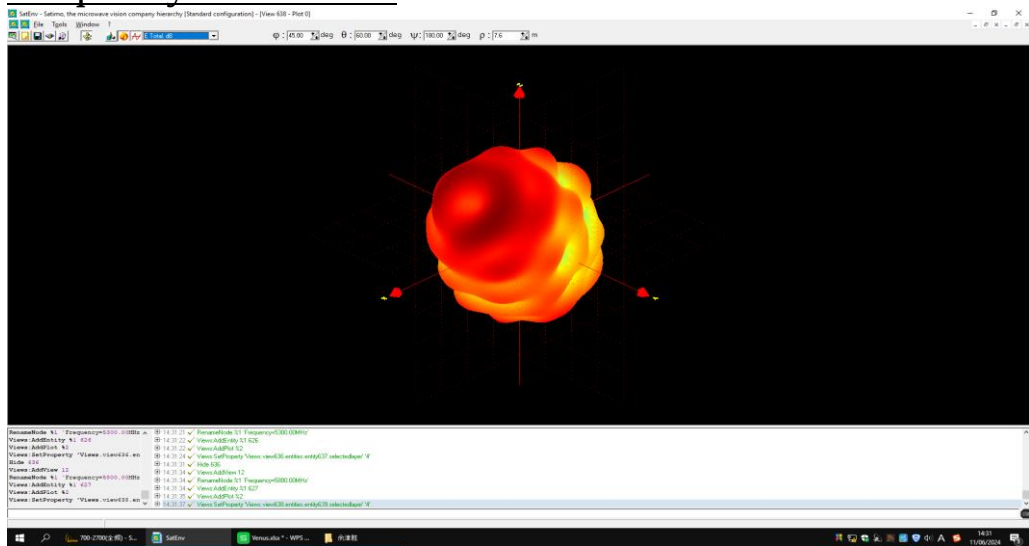
Frequency=5200MHz:



Frequency=5300MHz:



Frequency=5800MHz:



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