



深圳市凯普深通讯科技有限公司

Shenzhen cape deep communication technology co., LTD

# Antenna Report

客 户：奥尼

项目名：

射 频：

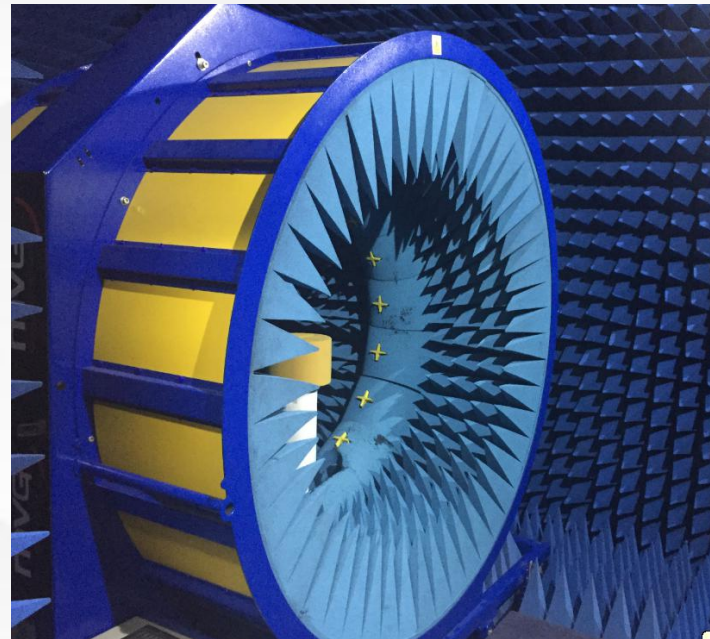
日 期：2021.09.24

版 本：



# Laboratory test environment and equipment

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item	equipment
S11、S12、VSWR、LOSS	网络分析仪E5071B、E5062A
Efficiency、Gain 3D Radiation Pattern	Satimo SG16暗室、GP7*4*3暗室、E5071B
TRP、TIS	Satimo SG16暗室、GP7*4*3暗室、8960、 CMW500、MT8820C、E4438C、



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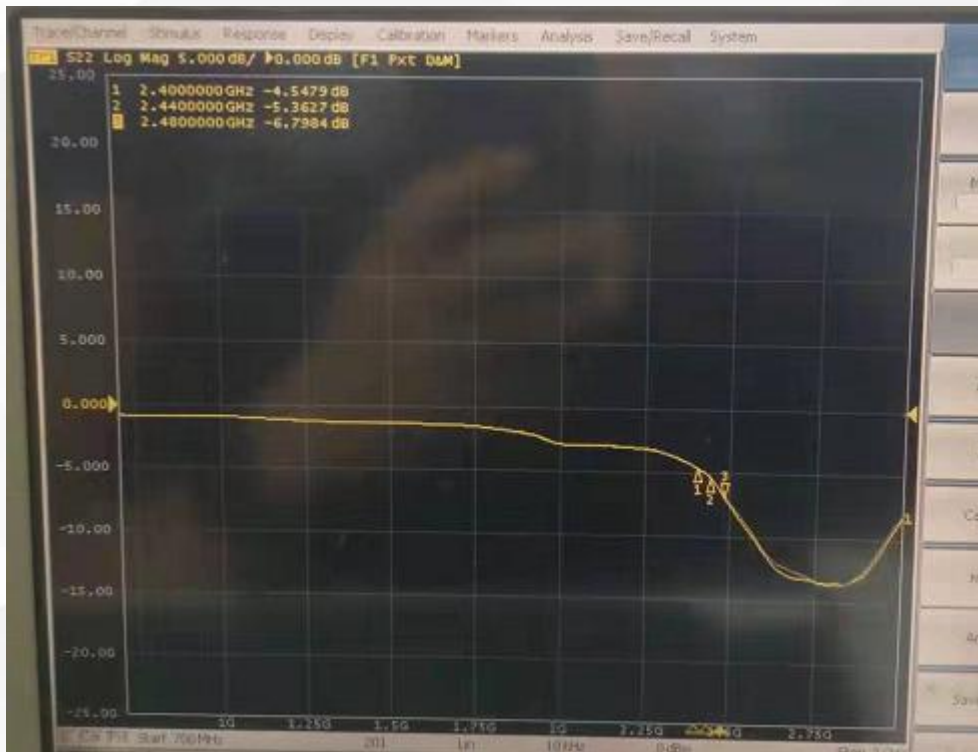
## Brief introduction of the project commissioning

		<b>Frequency Range</b>	
	<b>ANTENNA</b>	2400-2480M	

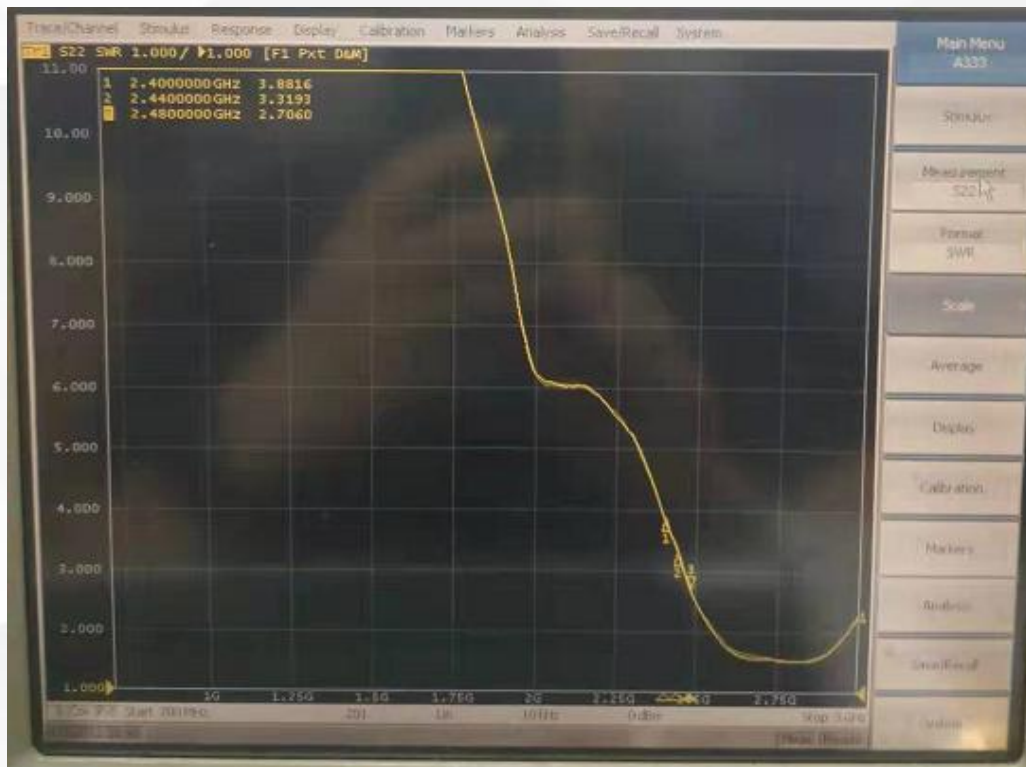


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# Antenna passive loss diagram



# 天线无源驻波图





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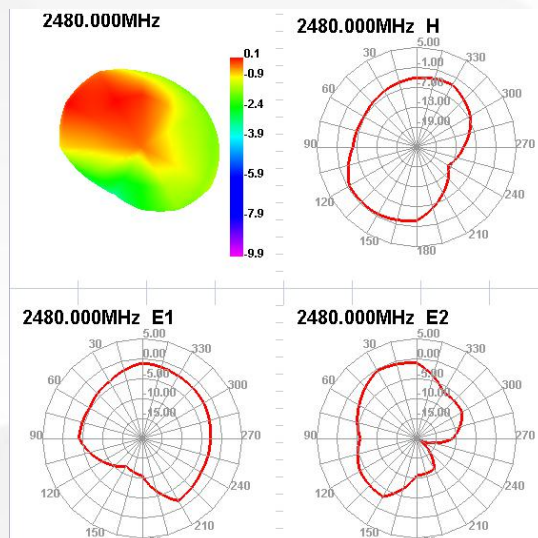
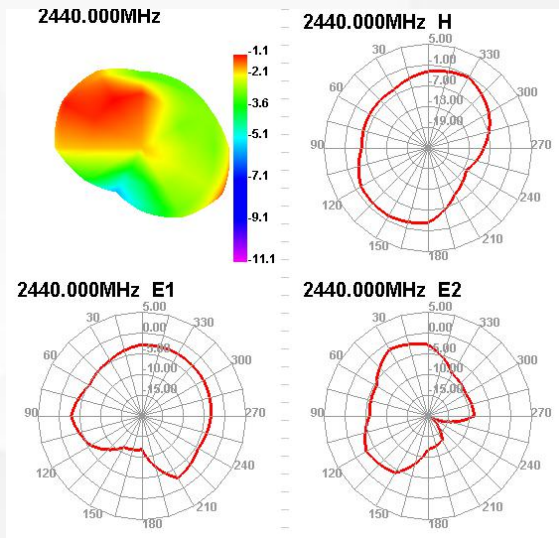
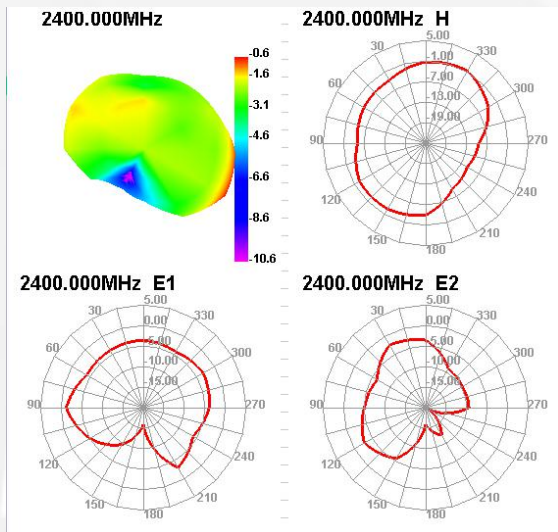
# Active efficiency diagram of the antenna

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	32.5	-4.88	-0.65
2410	29.23	-5.34	2.95
2420	28.92	-5.39	-1.43
2430	27.82	-5.56	-1.71
2440	32.31	-4.91	-1.09
2450	32.64	-4.86	-0.7
2460	34.97	-4.56	-0.16
2470	32.39	-4.9	-0.57
2480	36.21	-4.41	0.06
2490	40.79	-3.89	0.56
2500	44.86	-3.48	1.02



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# 天线无源方向图







# Antenna Picture

