

Document Number:			
Sample Confirmation Letter			
Specification For Approval			
Customer:	Shenzhen Haowen Technology Industrial Co., Ltd		
Supplier:	Shenzhen DeYiDa Electronic Technology Co., Ltd		
Customer part number:	1-01-0002-6231	Specification and model:	HW-4G-A3
DESCRIPTION:	GSM External car antenna	Matching model:	ME34-08, ME41-02, MA80-08, ME32-04
Customer acknowledges (seal):		Supplier acknowledges (seal):	
Date:		Date:	2026-09-22
Name:		Name:	XIESHAOWEN
E-mail:		E-mail:	277430149@qq.com
TEL:		TEL:	18688532885
FAX:		FAX:	
remarks: This specification sheet is confidential and archived by Shenzhen Deyida Electronic Technology Co., Ltd. and related customers. Please keep it safe. Without the permission of our company and related customers, no one is allowed to disclose it to the outside world			

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V1.0					

天线照片 (Picture) :



(图片仅供参考, 以图纸为准)

电气参数 (Electrical parameters) :

Frequency 频率范围	700~960MHz&1710~2690MHz
Impedance 特性阻抗	50Ω
S.W.R. 电压驻波比	1:1.5
Antenna Gain 增益	4dBi
Polarization 极化形式	vertical polarization
Directionals 方向性	omnidirectional
Lightning Protections 雷电保护	DC grounding

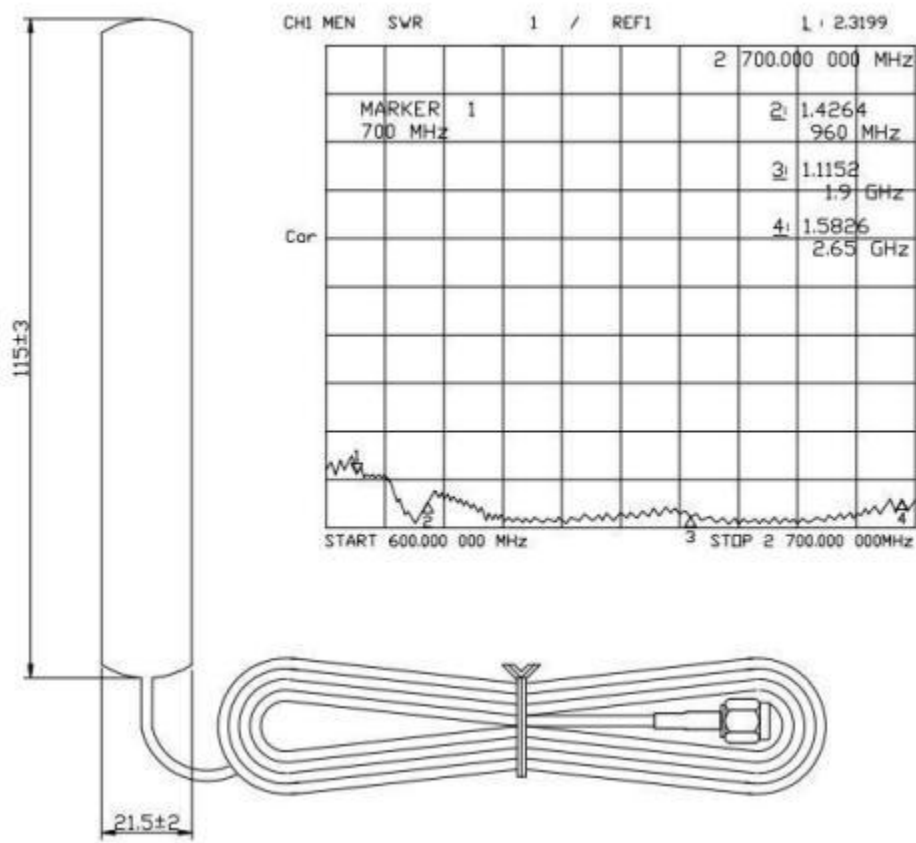
机械参数(Mechanical parameters):

Antenna Colour 天线颜色	black
RF Cable Model, line length 射频线型号/线长	RG174, black/ 3 meters
Connect Type 接口方式	SMA-J3 Gold plated straight head

工作/储存温度 (Operating/ Storage Temperature) :

Operating Temperature 工作温度	-40~85℃
Storage Temperature 储存温度	-40~85℃

结构图纸 (Structural drawings):



测试设备(Test equipment):



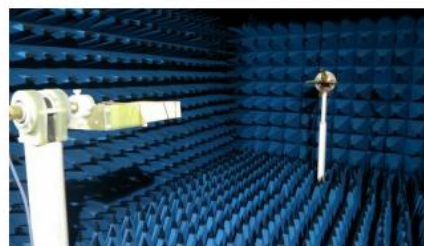
安捷伦 E5071C 网络分析仪



HP 8594E 频谱分析仪



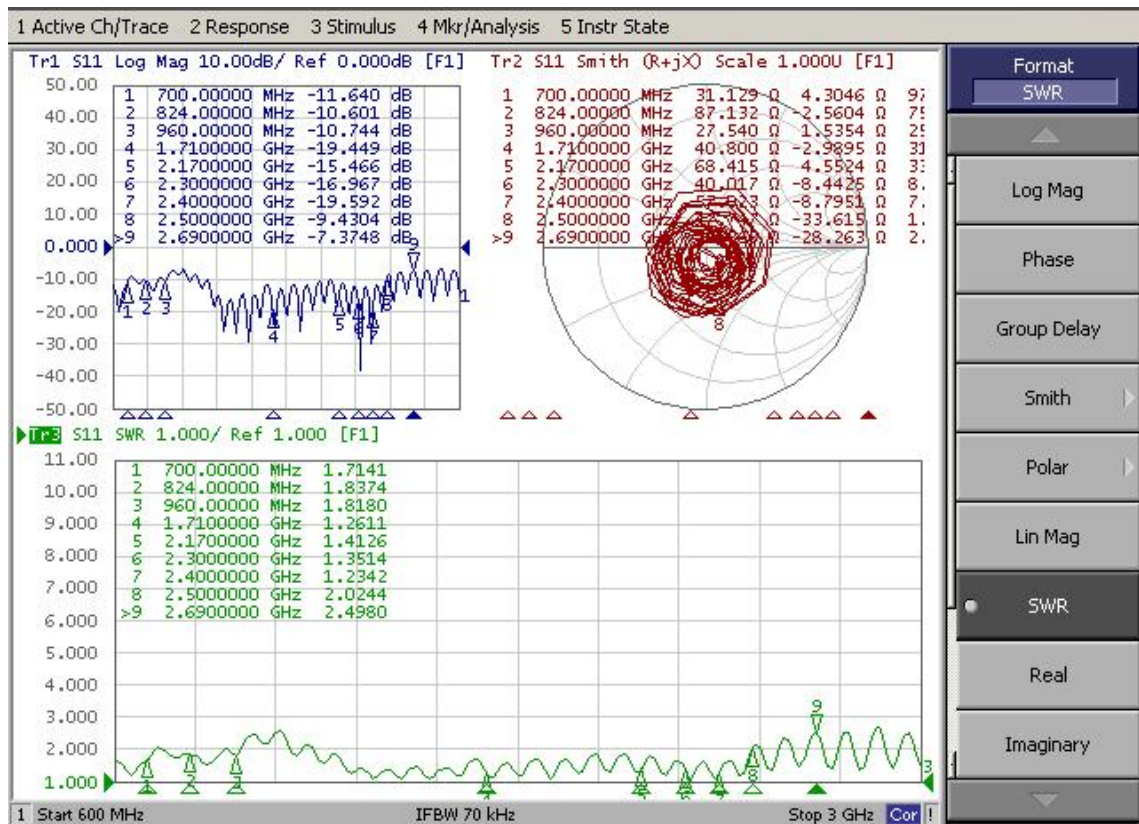
CMW-500



微波暗室

测试参数(Testing Parameters)

阻波比&回波损耗(V.S.W.R&Return Loss)



增益&效率(Gain&Efficiency)

FETUKEJI																		
Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Frequency (MHz)	700.0	800.0	880.0	960.0	1720.0	1800.0	1880.0	1960.0	2060.0	2100.0	2160.0	2200.0	2300.0	2400.0	2500.0	2600.0	2680.0	2700.0
Gain (dBi)	0.18	0.95	0.69	1.14	1.19	0.78	0.65	1.47	1.45	1.43	1.30	1.45	1.14	1.46	2.06	2.29	0.86	0.52
Efficiency (%)	23.68	32.86	38.91	38.36	37.12	36.36	35.03	44.97	43.38	43.41	43.03	45.78	42.05	44.49	47.30	43.96	34.83	34.08

2D、3D Radiation Patter

