

# CAR GSM Antenna

## MODEL: MA-79



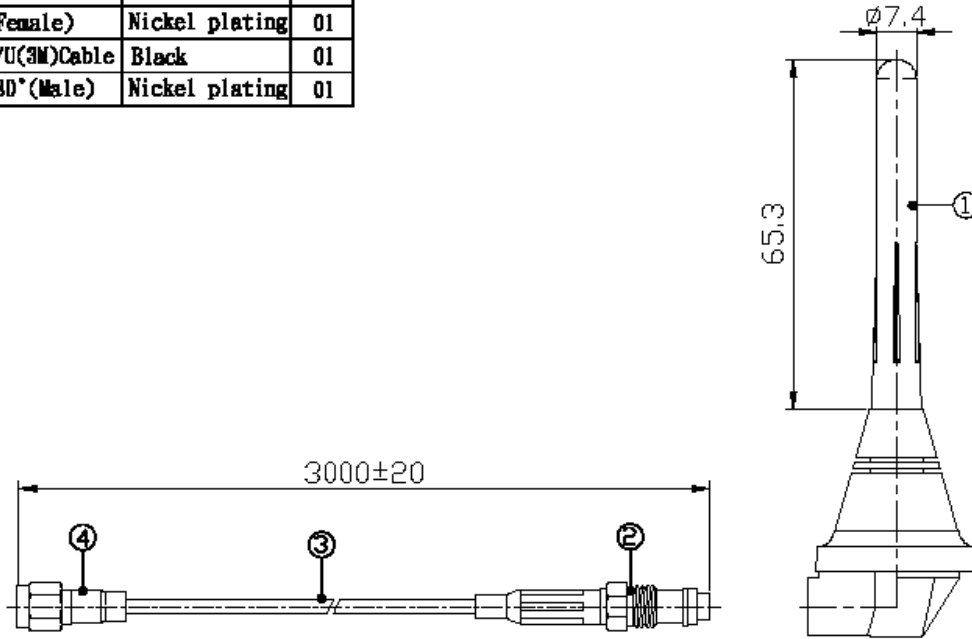
### 1. Electrica Properties


Parameter	Description
Frequency Band	824-960 / 1710-1990 / 1990-2170MHZ
Nominal Impedance	50 ohm
Polarization	Vertical
Electrical Wave	1 / 4 $\lambda$ Dipole
Return Loss	Please See Data-1
V.S.W.R	2.3:1
Antenna Average Gain	0-3dBi

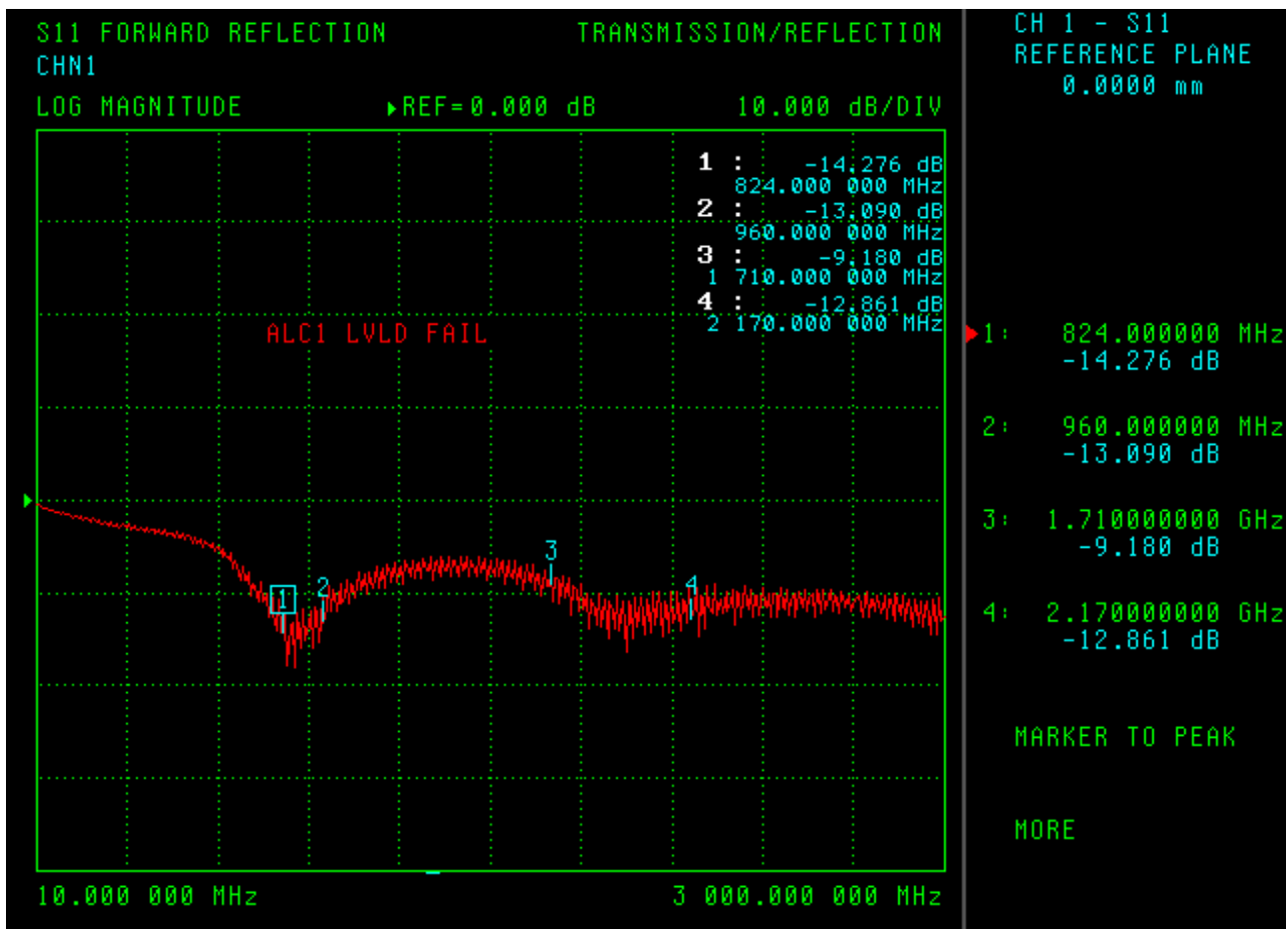
### 2. Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Touch Type	Screw Type
Connector Type	FME 180°-Type
Antenna Dimensions	65.3 mm $\pm$ 2
Antenna Cable Total Length	3000 mm $\pm$ 20
Antenna Color	Black
Operating Temperature Range	-20°C~+60°C
Storage Temperature Range	-30°C~+70°C

NO.	NAME	FINISH	Q. TY
01	Core tube	Black	01
02	FME (Female)	Nickel plating	01
03	RG-58/U(3M)Cable	Black	01
04	SMA 180°(Male)	Nickel plating	01



 Third angle projection	CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
					824-866/1710-2170MHz	M/M		20090204
	TOLERANCE	X.XX±0.15 <th>NAME</th> <th>PARTS NUMBER</th> <th>APPROVED</th> <th>CHECKED</th> <th>DRAWING</th> <th>DESIGNED</th>	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
	SURFACE ROUGHNESS	$\sqrt{\text{V}}$	APPEARANCE					



S11 FORWARD REFLECTION  
CHN1

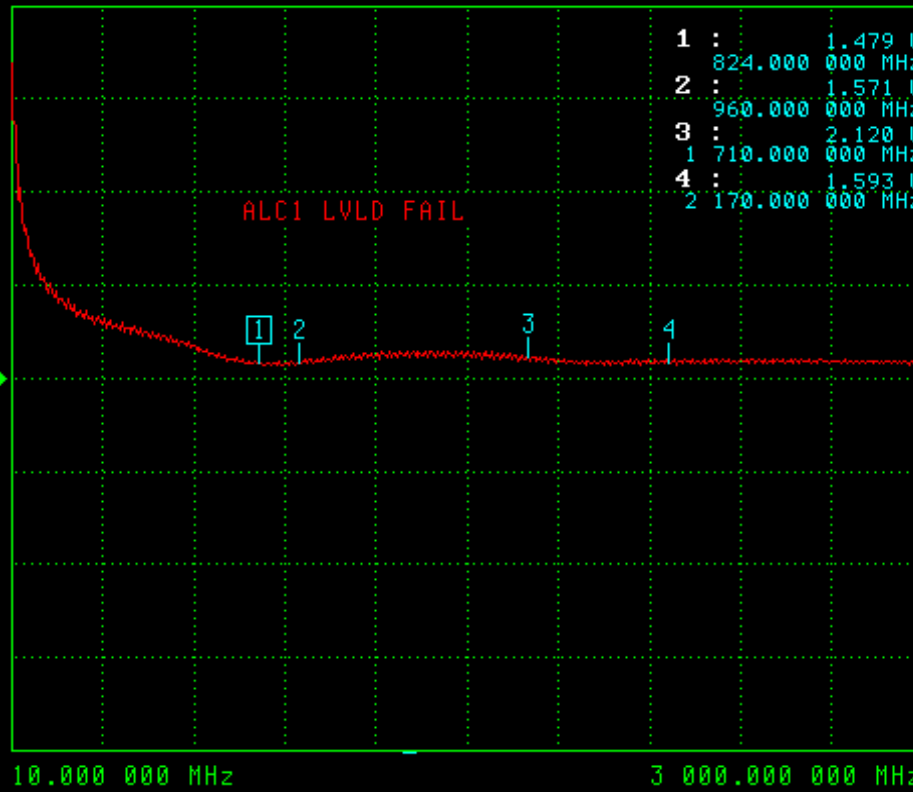
TRANSMISSION/REFLECTION

SWR

REF=0.000 pU

10.000 U/DIV

CH 1 - S11  
REFERENCE PLANE  
0.0000 mm



1 : 1.479 U  
824.000 000 MHz  
2 : 1.571 U  
960.000 000 MHz  
3 : 2.120 U  
1 710.000 000 MHz  
4 : 1.593 U  
2 170.000 000 MHz

1: 824.000000 MHz  
1.479 U  
2: 960.000000 MHz  
1.571 U  
3: 1.71000000 GHz  
2.120 U  
4: 2.17000000 GHz  
1.593 U

MARKER TO PEAK

MORE