

# CAR GSM Antenna

## MODEL: GSM-5

Five Band 800/900/1800/1900/2170MHz



### 1. GENERAL DESCRIPTION

Model No	P/N
GSM-5	GSM-5-3M-SMA-M

Below is a table summarizing the antenna design specification.

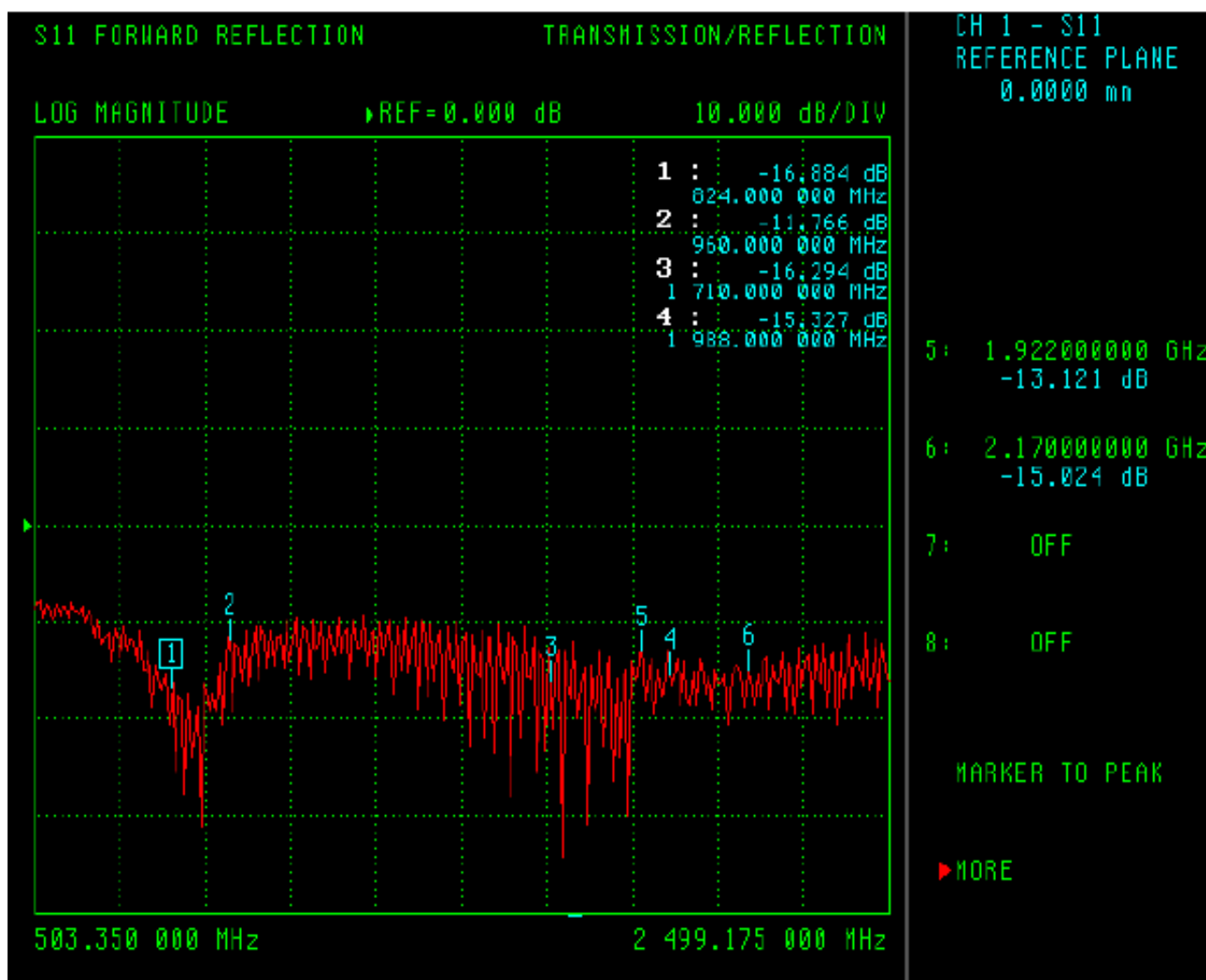
#### 1.2 Electrica Properties

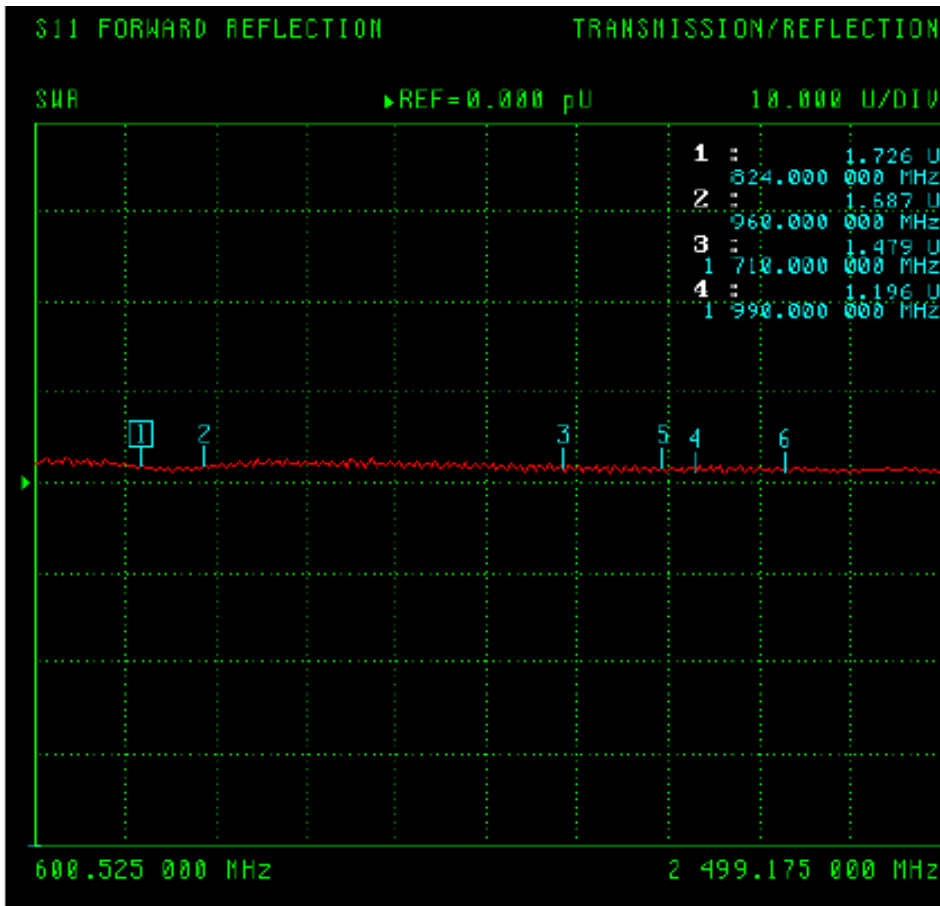
Parameter	Description
Frequency Band	800/900/1800/1900/2170 Mhz
Nominal Impedance	50 ohm
Polarization	Vertical
Electrical Wave	$1/2 \lambda$ Dipole
Return Loss	
V.S.W.R	2.0:1
Antenna Average Gain	3.0dBi
Note: Gain includes the cable loss	

#### 1.2 Mechanical Properties

Parameter	Description
Antenna Type	Inside Glass Antenna
Antenna Material	TPR
Touch Type	3M stick cloth Type
Connector Type	SMA-Type
Antenna Dimensions	44.8mm (L) x 44.8mm (W) x 14.3mm (H)
Antenna Cable Total Length	3000mm ± 10
Antenna Color	Black
Operating Temperature Range	-20°C~+60°C
Storage Temperature Range	-30°C~+70°C

### . FREQUENCY





CH 1 - S11  
REFERENCE PLANE  
0.0000 nn

5: 1.922000000 GHz  
1.537 U

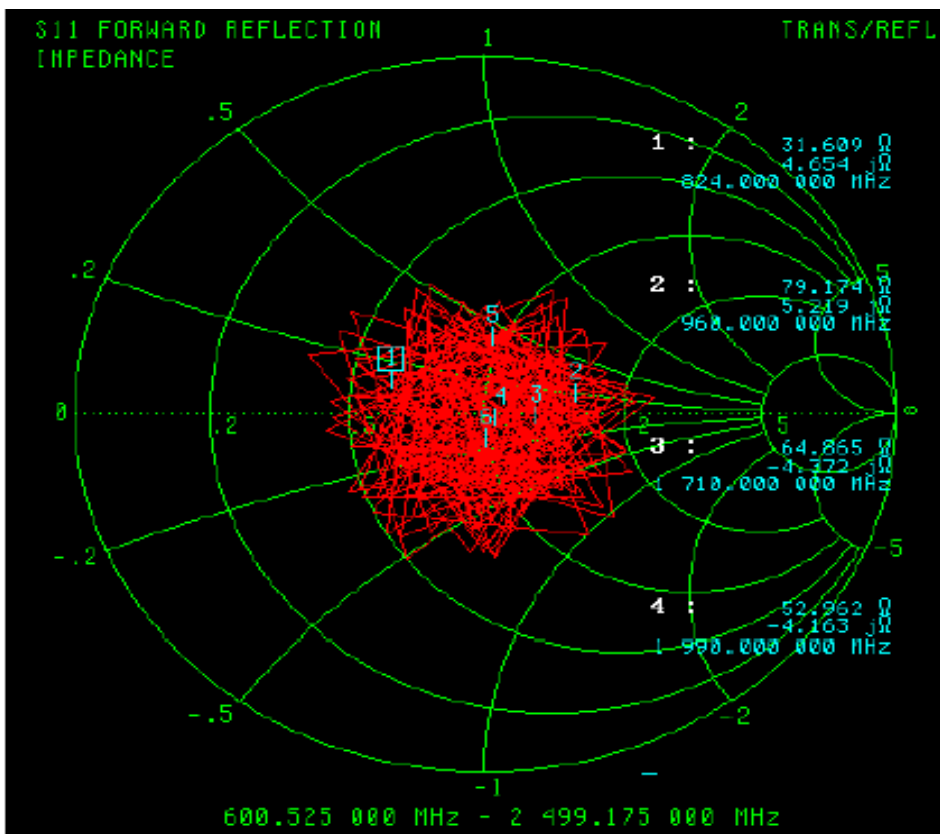
6: 2.170000000 GHz  
1.232 U

7: OFF

8: OFF

MARKER TO PEAK

► MORE



CH 1 - S11  
REFERENCE PLANE  
0.0000 nn

5: 1.922000000 GHz  
48.598 Ω  
19.024 jΩ

6: 2.170000000 GHz  
50.075 Ω  
-9.640 jΩ

7: OFF

8: OFF

MARKER TO PEAK

► MORE