



## GSM 850/900/1800/1900/2100MHz 2dBi FOR SMA PLUG



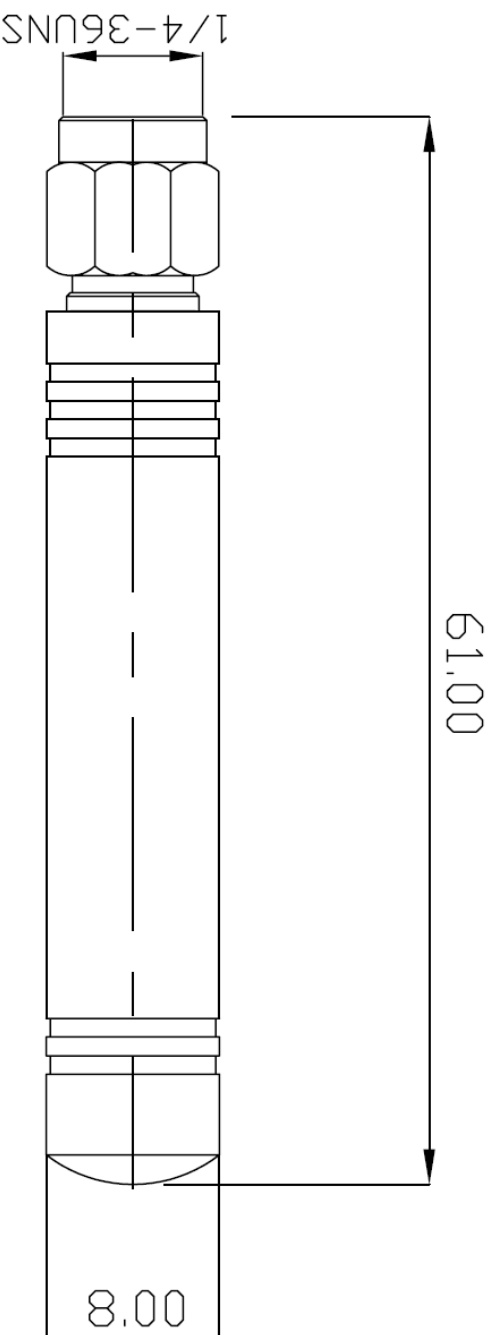
### Specifications/Special Features :

Global System for Mobile Communication  
850/900/1800/1900/2100 MHz phone antenna,  
Broadband design for GSM/UMTS/WCDMA  
systems.

Specification	
Model No.	GSM-02-SM
Frequency	850/900/1800/1900/2100 MHz
Gain	2 dBi
V.S.W.R	$\leq 2:1$
Polarization	Vertical
Connector	SMA Male (Option)
Impedance	50 $\Omega$
Operation temperature	-20°C ~+60°C
Storage temperature	-30°C ~+75°C
Dimensions	L61 x W8 x H8 mm

GSM-02-SM

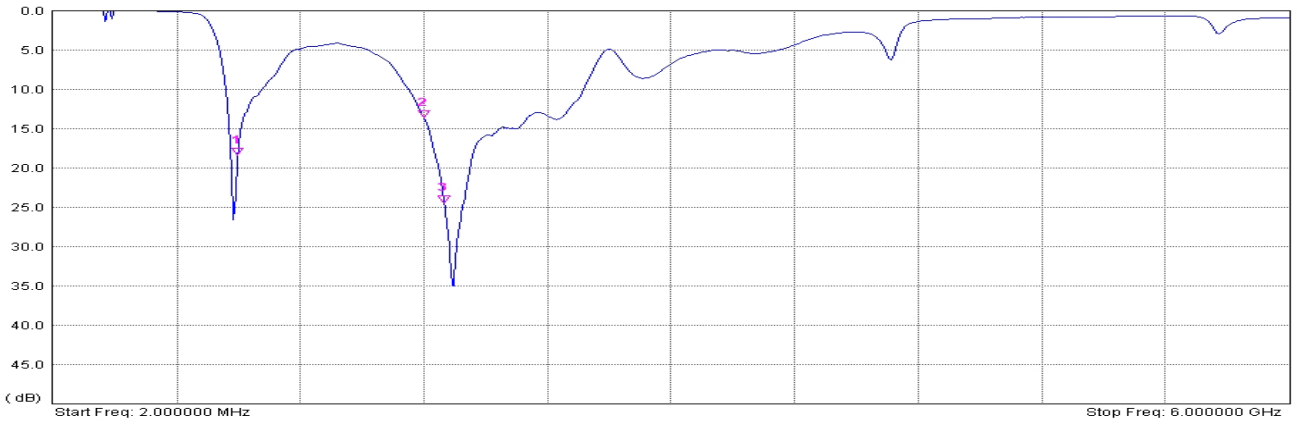
GSM 850/900/1800/1900/2100MHz 2dBi FOR SMA MALE



SMA MALE

1	FREQUENCY : 850/900/1800/1900/2100 MHz	6	IMPEDANCE : 50 $\Omega$
2	GAIN : 2 dBi	7	
3	V.S.W.R : <=2:1	8	
4	LENGTH : 61 mm	9	
5	CONNECTOR : SMA MALE (Option)	10	

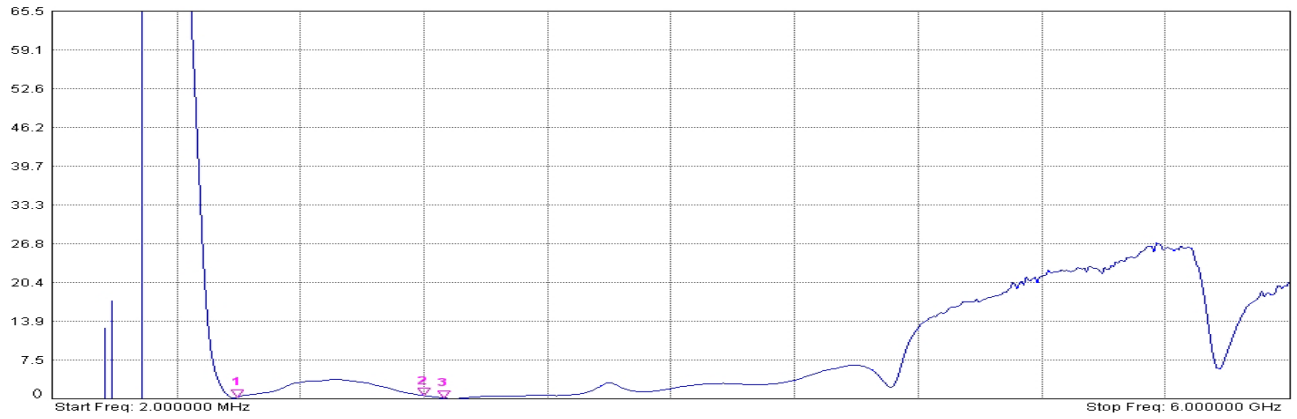
S11 Log Magnitude  
 Captured (2008/11/24 下午 04:13:37)



Mkr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	<input type="checkbox"/>	<input type="checkbox"/>	896.2473 MHz	18.38 dB	--	--
2	<input type="checkbox"/>	<input type="checkbox"/>	1.8014 GHz	13.60 dB	--	--
3	<input type="checkbox"/>	<input type="checkbox"/>	1.8995 GHz	24.43 dB	--	--
4	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--
5	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--
6	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--

Measurement Parameters			
Calibration Status	On	Ref. Plane Leng	0
Cal Mode	Standard		
Data Points	551	Serial Number	651009
Output Power	High	Base Ver.	V1.48
Start Frequency	2.000000 MHz	App Ver.	V1.48
Stop Frequency	6.000000 GHz	Date	11/24/2008 4:13:37 PM
Smoothing %	0	Device Name	

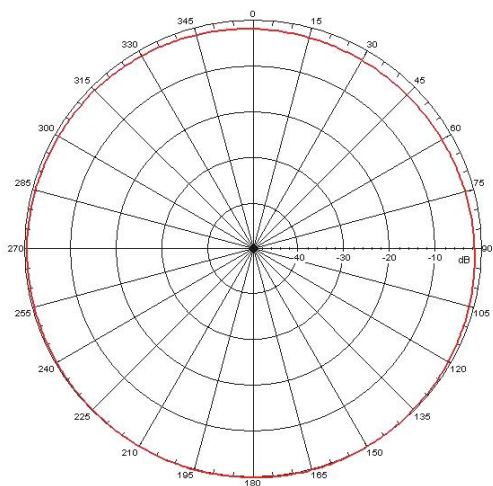
S11 VSWR  
 Captured (2008/11/24 下午 04:13:37)



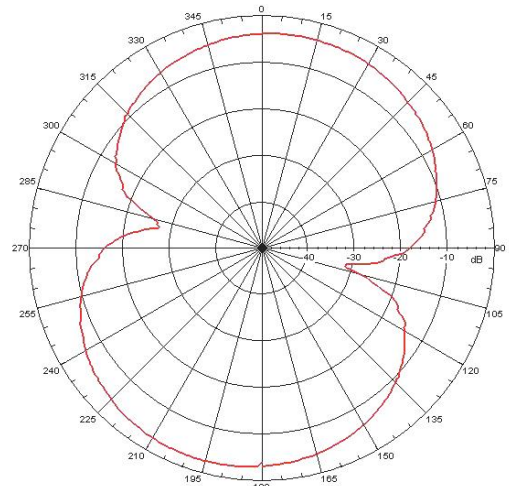
Mkr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	<input type="checkbox"/>	<input type="checkbox"/>	896.2473 MHz	1.27	--	--
2	<input type="checkbox"/>	<input type="checkbox"/>	1.8014 GHz	1.53	--	--
3	<input type="checkbox"/>	<input type="checkbox"/>	1.8995 GHz	1.13	--	--
4	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--
5	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--
6	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--

Measurement Parameters			
Calibration Status	On	Ref. Plane Leng	0
Cal Mode	Standard		
Data Points	551	Serial Number	651009
Output Power	High	Base Ver.	V1.48
Start Frequency	2.000000 MHz	App Ver.	V1.48
Stop Frequency	6.000000 GHz	Date	11/24/2008 4:13:37 PM
Smoothing %	0	Device Name	

H-PLANE



E-PLANE



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