

# ME COMPONENTES LTDA

MOBILE COMMUNICATION ANTENNA

## 技术条件 SPECIFICATION

产品型号: GSM3/UT/1

Part Number



发送日期 Issuing Date		拟制 Prepared by	
发送人 Issuing by		审核 Checked by	
页数 Page		批准 Approved by	

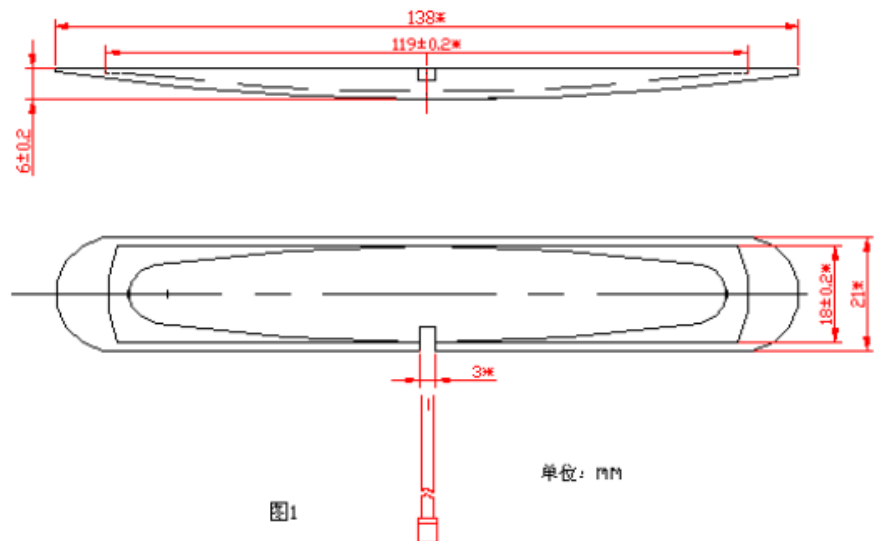
ME COMPONENTES E EQUIPAMENTOS ELETRÔNICOS LTDA

ADD: SHCLN QUADRA 316 BLOCO A LOJAS 91/93

TEL:55 61 3202 7170 FAX: 55 61 3202 7170

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一、外形尺寸：      Dimensions (Unit: mm)

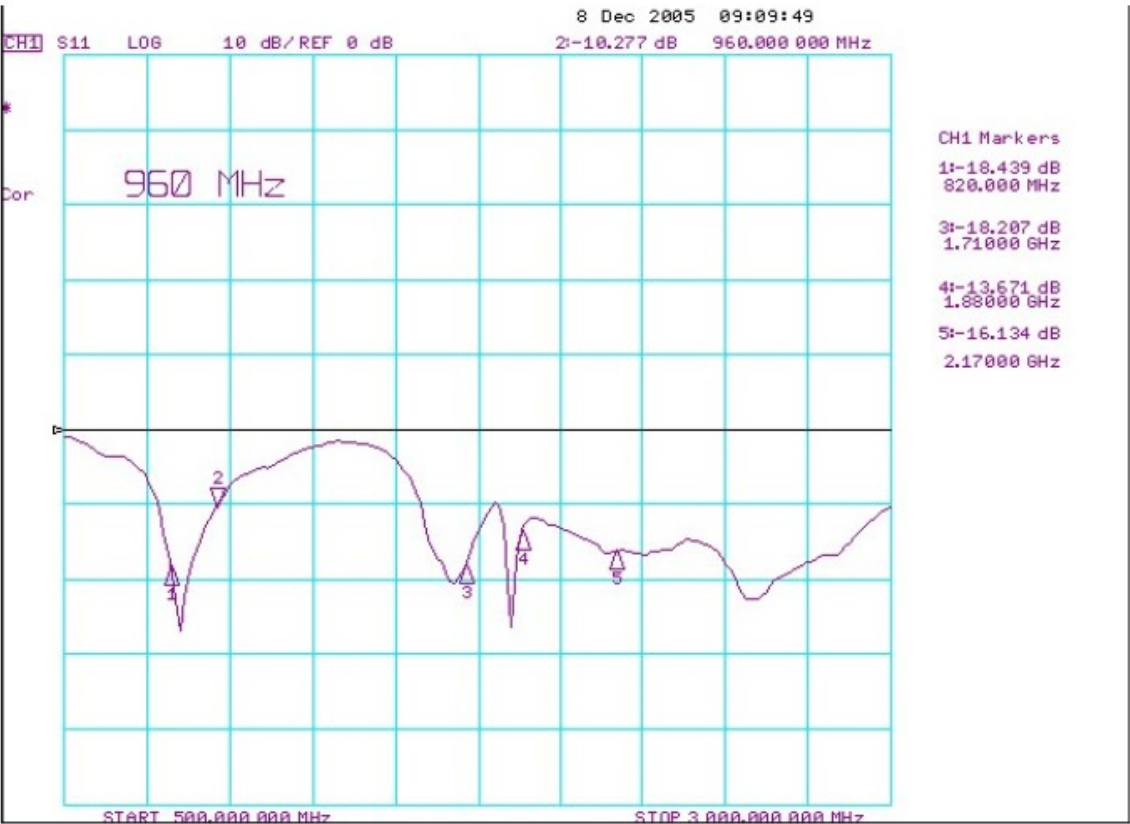


二、天线特性      The Specification for GSM Antenna

型号 特性	GSM3/UT/6
工作频率 Working Frequency	GSM900: 820MHz~960MHz GSM1800: 1710MHz~1880MHz GSM1900: 1850MHz~1990MHz UMTS: 1900MHz~2170MHz
电压驻波比 V.S.W.R	2:1
带宽 Band Width	140MHz@900MHz 170MHz@1800MHz <a href="#">140MHz@1900MHz</a> 270MHz@2000MHz
阻抗 Impendence	50 ohm
最高增益 Peak Gain	1 dBi@900 MHz 2dBi@1800 MHz 2.5dBi@1900 MHz 3dBi@2000 MHz
辐射方位 Azimuth	Omni-directional
天线极化 Polarization	Linear Polarization

三、特性曲线

Characteristic curve



四、结构特性

Mechanical Specification

型号	
特性	
外型尺寸 Size	如图 1
电缆 Cable	RG174 3 meter long or other
连接器型号 Connector	SMA Male
固定方式 Mounting	Adhesive Type
外壳颜色 Housing	黑 Black

## 五、环境特性 Environmental Specification

工作温度 Working Temp	-40℃~+85℃
极限温度 Storage Temp	-40℃~+100℃
振动 Vibration	Sine sweep 1g(0-p) 10~50~10Hz each axis
湿度 Humidity	95%~100%RH
可靠性 MTBF=1×10 <sup>-6</sup> /pc.hr	40℃±5℃      DC=3V±0.3V 数量 2000pcs    持续时间为 480h

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