

# 天线规格书

## Antenna Specification

产品名称 Product Name: 4G 天线/4G Antenna

产品型号 Model: 030265F4GA

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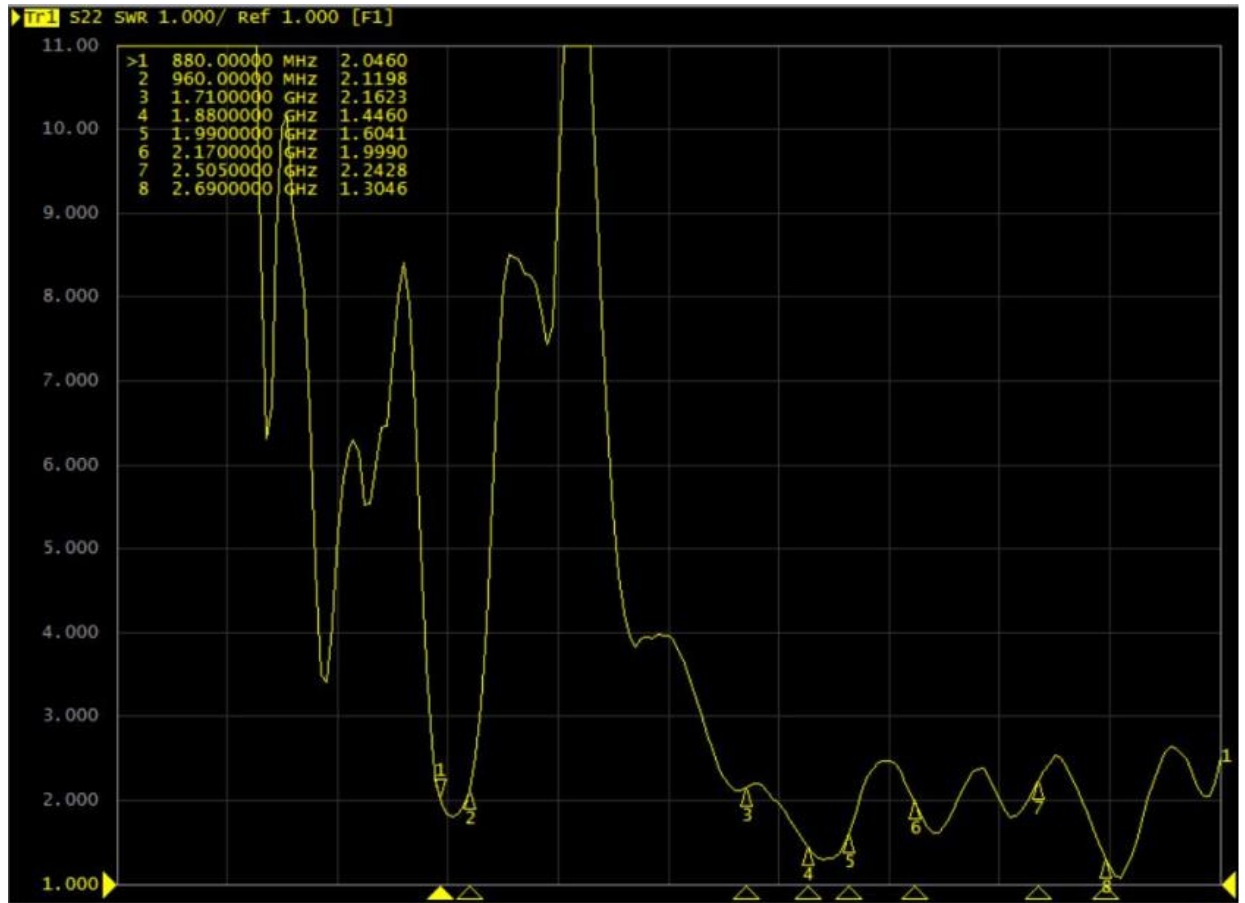
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## 1. 天线特性 Features

Table1:

Frequency	880-960MHz	1710-2690MHz
VSWR	$\leq 3$	$\leq 3$
Return Loss	$\leq -6\text{db}$	$\leq -6\text{db}$
Impedance	50 Ohm	50 Ohm
Efficiency(%)	45	74
Polarization	Linear	
Cable Type	RG316	
Connector Type	FAKRA	
Operation Temperature	$-40^{\circ}\text{C}$ ---- $+85^{\circ}\text{C}$	
Storage Temperature	$-40^{\circ}\text{C}$ ---- $+90^{\circ}\text{C}$	

## 2. 天线 S 参数 S Parameters



### 3. 天线增益 Antenna Gain

	Frequency Band		Antenna Gain (dBi)
<b>GSM850</b>	GSM850	Uplink: 824 MHz ~ 849 MHz Downlink: 869 MHz ~ 894 MHz	2
<b>PCS1900</b>	PCS1900	Uplink :1850 MHz ~ 1910 MHz Downlink: 1930 MHz ~ 1990MHz	2.8
<b>WCDMA</b>	Band 2	Uplink: 1850 MHz ~ 1910 MHz Downlink: 1930 MHz ~1990MHz	2.8
	Band 4	Uplink: 1710 MHz ~ 1755 MHz Downlink: 2110 MHz ~ 2155MHz	2.8
<b>LTE</b>	B2	Uplink: 1850 MHz ~ 1910 MHz Downlink: 1930 MHz ~ 1990MHz	2.8
	B4	Uplink: 1710 MHz ~ 1755 MHz Downlink: 2110 MHz ~ 2155MHz	2.8
	B5	Uplink: 824 MHz ~ 849 MHz Downlink: 869 MHz ~ 894 MHz	2
	B7	Uplink: 2500 MHz ~ 2570 MHz Downlink: 2620 MHz ~ 2690MHz	2.5
	B12	Uplink: 699 MHz ~ 716 MHz Downlink: 729 MHz ~ 746 MHz	-3

	B13	Uplink: 777 MHz ~ 787 MHz Downlink: 746 MHz ~ 756 MHz	-2
	B25	Uplink: 1850 MHz ~ 1915 MHz Downlink: 1930 MHz ~ 1995MHz	2.8
	B26	Uplink: 814 MHz ~ 849 MHz Downlink: 859 MHz ~ 894 MHz	2
	B38	Uplink: 2570 MHz ~ 2620 MHz Downlink: 2570 MHz ~ 2620MHz	2.5
	B41	Uplink: 2496 MHz ~ 2690 MHz Downlink: 2496 MHz ~ 2690MHz	2.5

4. 产品结构图 Product Drawing

