

天线规格书

Antenna Specification

产品名称 Product Name: LTE 天线/LTE Antenna

产品型号 Model: 030389F4GA

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制造商 Manufacturer: Guangzhou Xaircraft Technology CO.,LTD.

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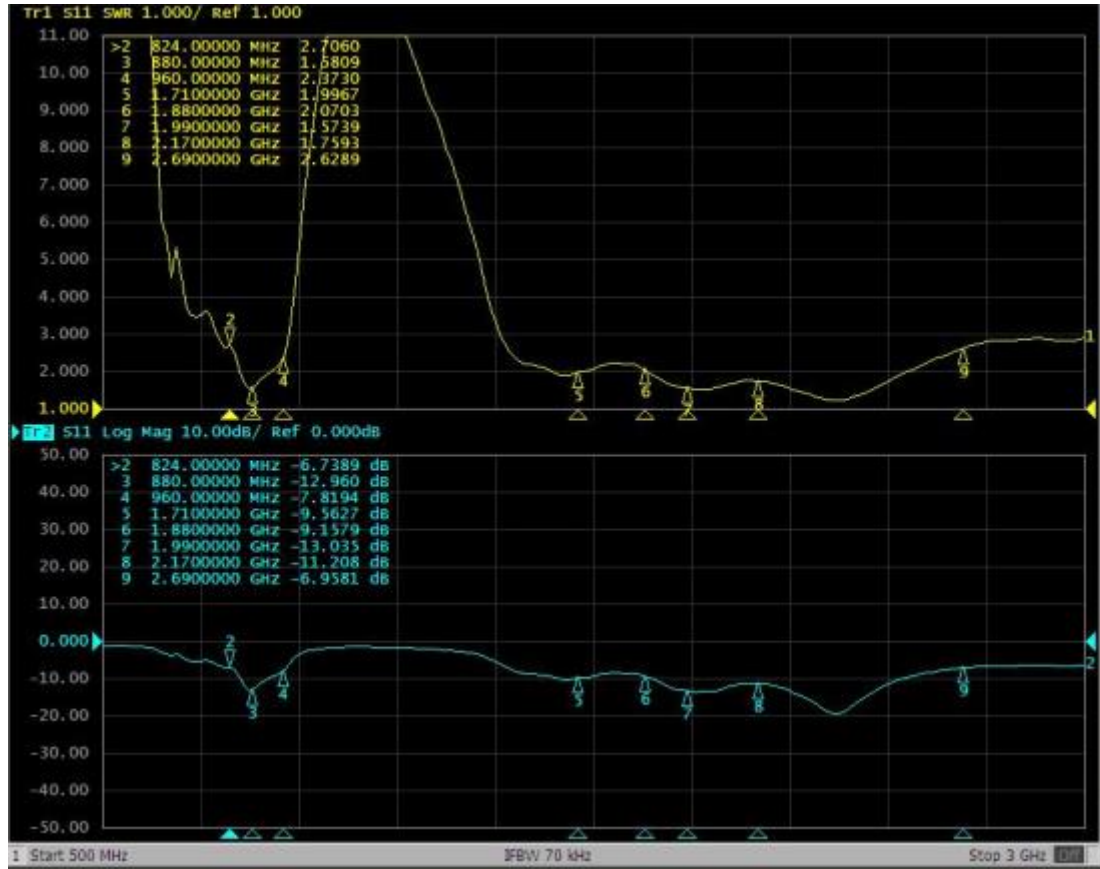
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1. 天线特性 Features

Table1:

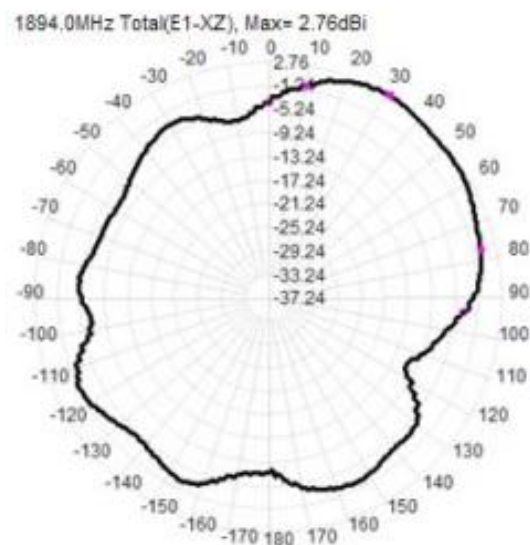
Frequency	824-960MHz	1710-2690MHz
VSWR	≤ 3	≤ 2.5
Return Loss	$\leq -6\text{db}$	$\leq -7\text{db}$
Impedance	50 Ohm	50 Ohm
Efficiency(%)	35	55
Peak Gain(dBi)	0	2.8
Polarization	Linear	
Cable Type	RG113	
Connector Type	IPEX	
Operation Temperature	$-40^{\circ}\text{C} \text{----} +80^{\circ}\text{C}$	
Storage Temperature	$-40^{\circ}\text{C} \text{----} +80^{\circ}\text{C}$	

2. 天线 S 参数 S Parameters



3.天线方向图 Radiation Patterns

	Frequency Band		Antenna Gain (dBi)
<u>GSM850</u>	<u>GSM850</u>	Uplink: 824 MHz ~ 849 MHz Downlink: 869 MHz ~ 894 MHz	0.5
<u>PCS1900</u>	<u>PCS1900</u>	Uplink :1850 MHz ~ 1910 MHz Downlink: 1930 MHz ~ 1990MHz	2.8
<u>WCDMA</u>	Band II	Uplink: 1850 MHz ~ 1910 MHz Downlink: 1930 MHz ~ 1990MHz	2.8
	Band IV	Uplink: 1710 MHz ~ 1755 MHz Downlink: 2110 MHz ~ 2155MHz	2.8
<u>LTE</u>	<u>B2</u>	Uplink: 1850 MHz ~ 1910 MHz Downlink: 1930 MHz ~ 1990MHz	2.8
	<u>B4</u>	Uplink: 1710 MHz ~ 1755 MHz Downlink: 2110 MHz ~ 2155MHz	2.8
	<u>B5</u>	Uplink: 824 MHz ~ 849 MHz Downlink: 869 MHz ~ 894 MHz	0.5
	<u>B7</u>	Uplink: 2500 MHz ~ 2570 MHz Downlink: 2620 MHz ~ 2690MHz	2.8
	<u>B25</u>	Uplink: 1850 MHz ~ 1915 MHz Downlink: 1930 MHz ~ 1995MHz	2.8
	<u>B26</u>	Uplink: 814 MHz ~ 849 MHz Downlink: 859 MHz ~ 894 MHz	0.5
	<u>B38</u>	Uplink: 2570 MHz ~ 2620 MHz Downlink: 2570 MHz ~ 2620MHz	2.0
	<u>B41</u>	Uplink: 2496 MHz ~ 2690 MHz Downlink: 2496 MHz ~ 2690MHz	2.0



4.产品结构图 Product Drawing

