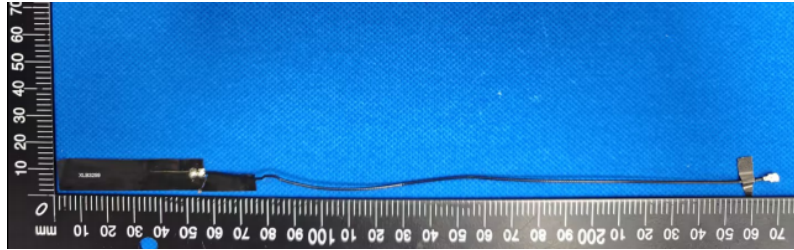


Antenna Specification

Manufacturer:	<u>Shenzhen Everything Connected Communication Co., Ltd.</u>
Address:	<u>Room 1101-1112, Building 4, Fangdacheng, No.2 Longzhu 4th Road, Taoyuan Sub-district, Nanshan District, Shenzhen City, Guangdong Province, P.R.China</u>
Antenna Type	<u>FPC Antenna</u>

一，Antenna Photo&Length

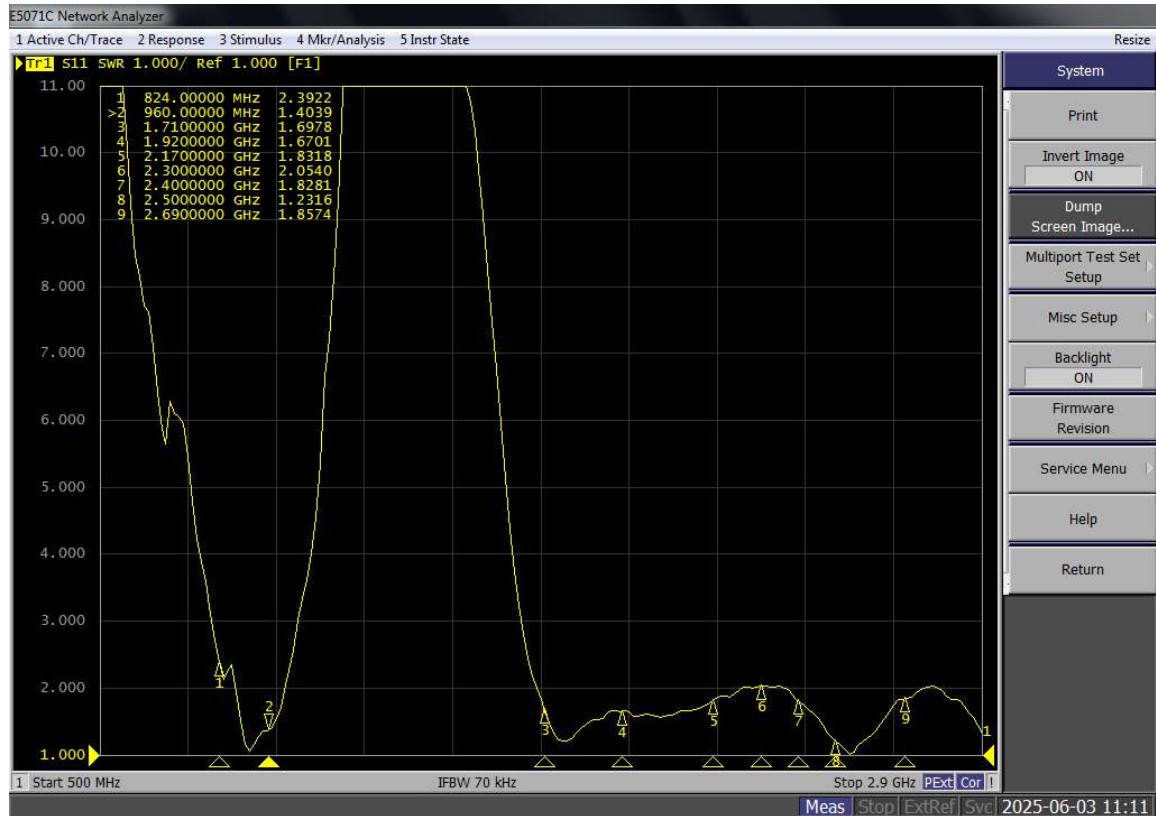


二、Product Test Parameters

FPC Antenna			
电气参数ELECTRICAL SPECTFICATIONS		机械参数 MECHANICAL SPECTFICATIONS	
频率范围 FrenquencyRange 824-960/1710-2700MHz		尺寸Dimensions	73.4*15.1*0.2mm
输入阻抗 Impedance	50 Ω	连接器型号Connector	一代IPEX
驻波比 VSWR	≤ 3.0	线长linelength	1.13黑色220 $\pm$ 2mm
增益 Gain	-0.36/5.20dBi	工作温度WorkingTemperature	-45 $^{\circ}$ C - +85 $^{\circ}$ C
极化方式 Polarization	Line	存放温度Limit Temperature	-45 $^{\circ}$ C - +85 $^{\circ}$ C
辐射方向 Radiation	omnidirectional		

三、Antenna Passive Parameters:

1. Return Loss:



2. Passive Efficiency and Gain:

Gain&Efficiency&PhaseCenter 增益、效率和相位中心								
frequency 频率 (MHz)	gain 增 益(dBi)	efficiency 效率(%)	frequency 频率 (MHz)	gain 增 益(dBi)	efficiency 效率(%)	frequency 频率 (MHz)	gain 增 益(dBi)	efficiency 效率(%)
820	-2.63	23.54	930	0.48	38.67	1910	5.56	78.7
830	-1.73	25.73	940	1.06	41.33	1940	5.96	79.62
840	-1.85	26.28	950	1.11	42.9	1970	5.68	75.68
850	-1.81	26.96	960	1.41	42.9	2000	5.64	76.74
860	-1.24	29.06	1700	1.03	56.62	2030	5.5	73.45
870	-0.67	31.93	1730	0.34	59.57	2060	5.45	74.99
880	-0.34	35.12	1760	3.9	68.87	2090	5.34	70.47
890	-0.11	37.81	1790	4.06	73.11	2120	5.47	73.96
900	0.04	37.27	1820	4.71	78.52	2150	4.9	72.11
910	0.37	36.96	1850	4.91	77.8	2180	5.04	73.62
920	0.47	37.65	1880	5.38	82.22	2210	5.48	73.45

2240	5.62	77.8	2420	5.24	82.6	2600	5.71	75.86
2270	5.47	75.34	2450	5.55	82.22	2630	5.88	78.34
2300	5.93	79.25	2480	6	79.62	2660	6.15	77.45
2330	5.61	80.54	2510	5.86	82.04	2690	6.26	74.13
2360	5.66	80.35	2540	5.87	77.8			
2390	5.68	82.99	2570	5.84	79.98			

3. 2D/3D Radiation Pattern

