

产品规格说明书

PRODUCT SPECIFICATION

产品名称 / Product Name
GTW800天线 / GTW800 Antenna

产品编码 / Product Code
GTW800天线 / GTW800 Antenna

编写Written by: 柳海威 Liu Haiwei

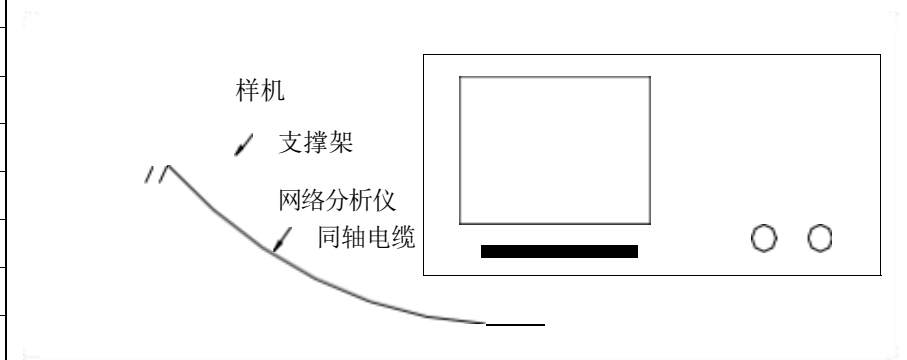
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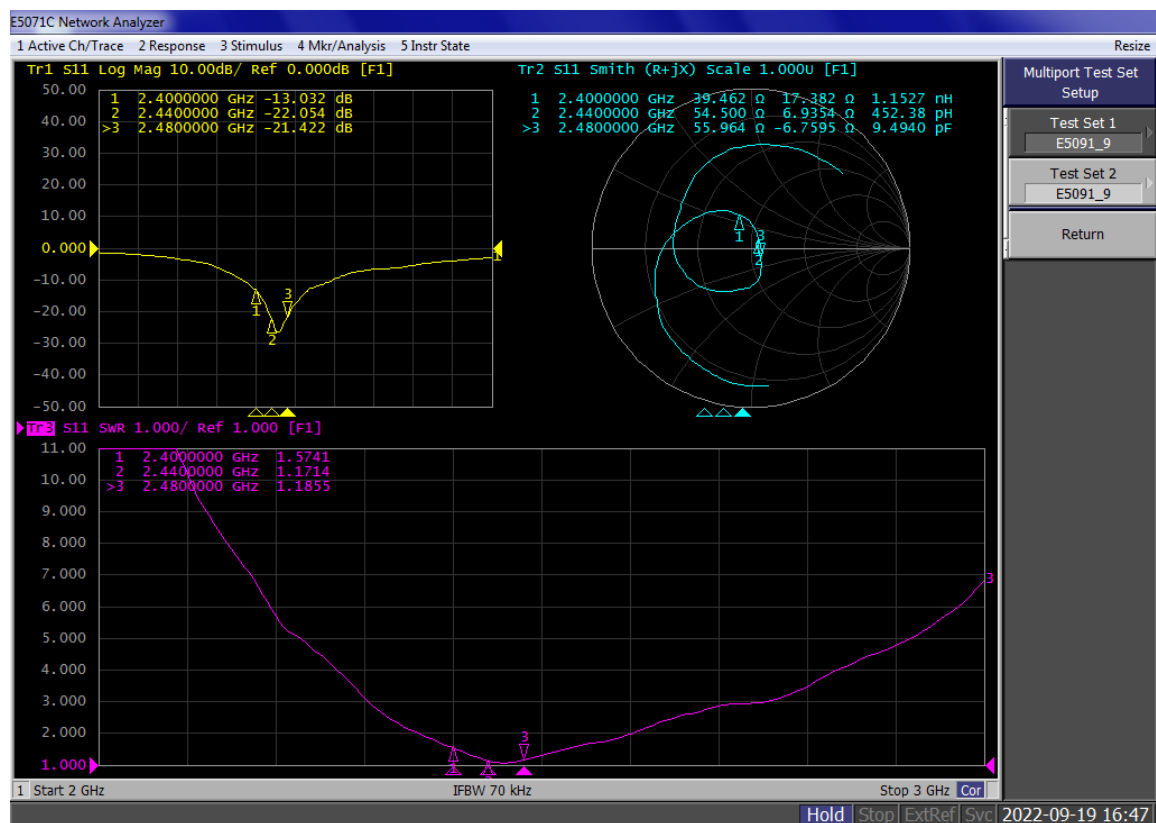
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天 线 规 格 书Antenna Specification		
品名Product Name		GTW800天线/ GTW800 Antenna
机型Model		BLE RGB蓝牙控制器 / BLE RGB Bluetooth Controller
电 气 性 能	1. 带宽 Bandwidth	2.402GHz ~2.480GHz
	2. 输入阻抗 Input Impedance	50 Ω
	3. VSWR	与指定的样机装配时, 自然放置进行测定。 Measured when assembled with the designated prototype and placed naturally.
		2.402GHz~2.480GHz
		VSWR<1.6
	4. GAIN	Peak Gain (dBi) -2.693 Average Gain (dBi) >-7.339
	天线形态 Antenna Type	Plannar Inverted F on board
		测试方法:
		(一) 将待测天线(DUT)装配在指定的样机上。 (1) Assemble the antenna under test (DUT) onto the designated prototype.
		(二) 用50 Ω 同轴电缆连接测试件上的测试点和网络分析仪, 测试电缆上加装磁环, 以减少感应电流的影响。 (2) Connect the test point on the DUT and the network analyzer using a 50 Ω coaxial cable. A ferrite core shall be added to the test cable to reduce the influence of induced current.
		(三) 将样机放在高度为20 cm的支架上 , 测试OPEN或CLOSE时的VSWR。 (3) Place the prototype on a support stand of 20 cm height, and measure VSWR under OPEN or CLOSE status.
		(四). 按下图装设测试电路。 (4) Set up the test circuit as shown in the figure below.

	
	(五). 测试环境无特别规定。 （周围无较大金属物，在常温常湿中进行） (5) No special test environment is required. (Tests shall be carried out at normal temperature and humidity, with no large metal objects nearby.)
4. 容许功率 Allowable Power	1W
5. 工作温度范围 Operating Temperature Range	-25~+65℃
6. 保存温度范围 Storage Temperature Range	-40~+85℃

天线规格书Antenna Specification

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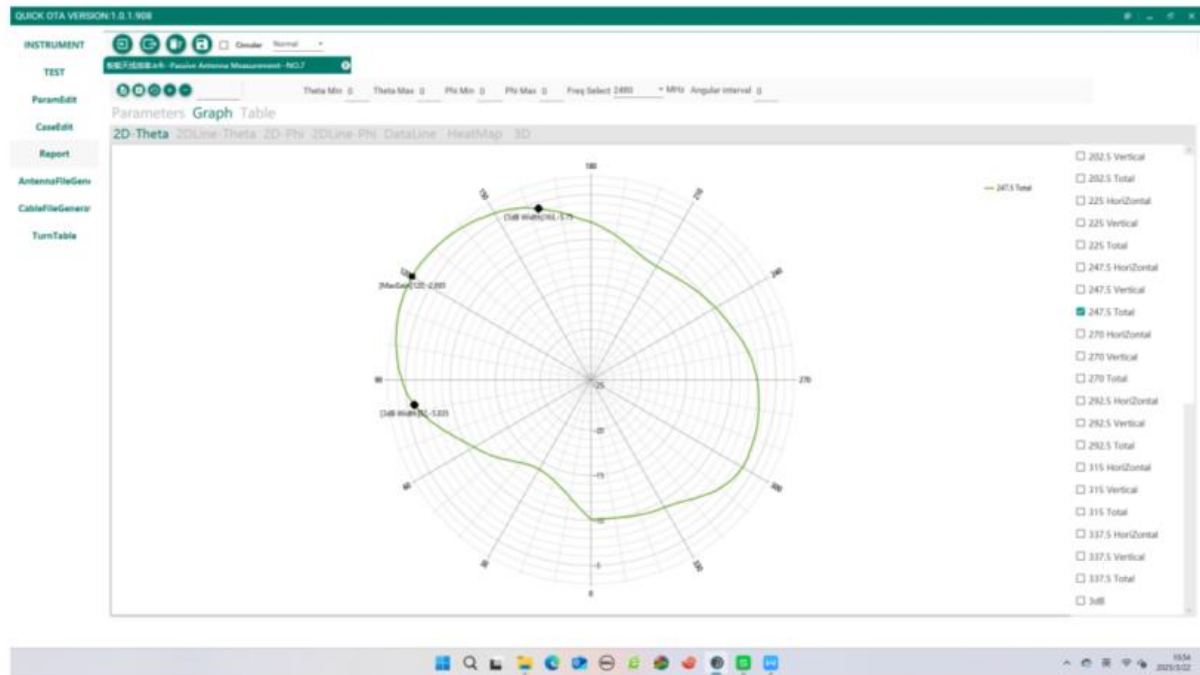
RETURN LOSS

天线规格书Antenna Specification

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机型Model BLE RGB蓝牙控制器 / BLE RGB Bluetooth Controller

天线 2480MHz 2D-Theta Pattern



天线 2480MHz 2D-Phi Pattern

