



Shenzhen DBT Telecommunication Technology CO.,LTD

Antenna Testing Report

Client: Guangdong Welland Technology Co., Ltd.

Project : FI2611WB

Antenna standard : BLE

TIME:2026/04/21

1. Test Equipment

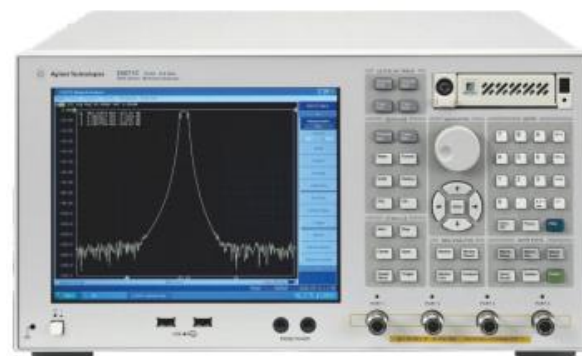


OTA-800

Brand : ETS ✓

Frequency range : 370MHz-8.5GHz

Features : passive,active test; G Net, C Net, 2 G/3G/4G, WIFI and BT, TRP, TIS test



5071C

Brand : Agilent ✓

Frequency range : 9KHz-8.5GHz

Features : 2G/3G/4G/BT/WIFI antenna comprehensive passive test



8960

Brand : Agilent

Frequency range : 292MHz-2700GHz

Features : 2G/3G active test



CMW500

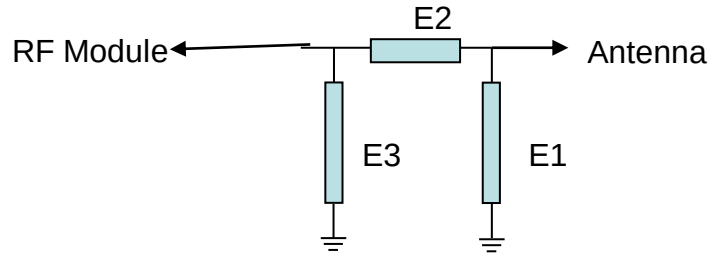
Brand : Rohde & Schwarz

Frequency range : 70KHz-6GHz

Features : 2G/3G/4G/BT/WIFI/NB-Lot antenna comprehensive passive test

2. Matching Circuit

The matching circuit has been modified.

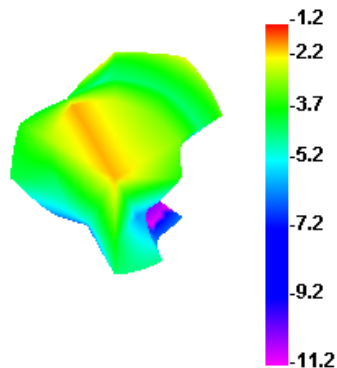


Element	2.4 G
E1	1 PF
E2	5.1 NH
E3	0.5 PF

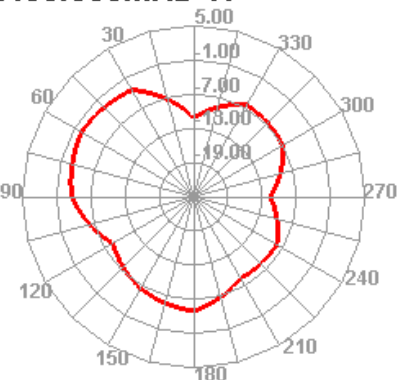
3. Test Data

Freq (MHz)	Effi (%)	Gain (dBi)
2400	32.2	-1.22
2410	31.52	-1.3
2420	30.05	-1.5
2430	31.91	-1.17
2440	29.23	-1.43
2450	29.49	-1.25
2460	26.17	-1.59
2470	26.77	-1.28
2480	26.39	-1.29
2490	23.88	-1.66
2500	24.44	-1.69

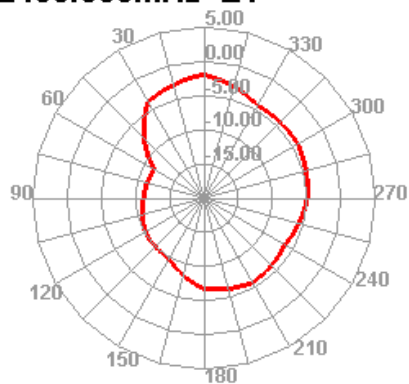
2450.000MHz



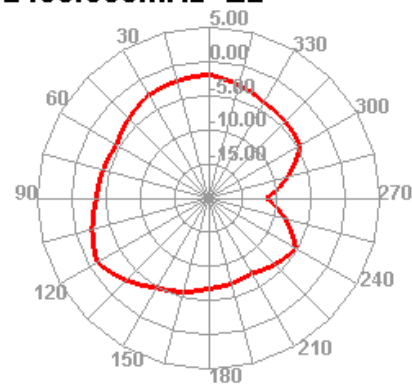
2450.000MHz H



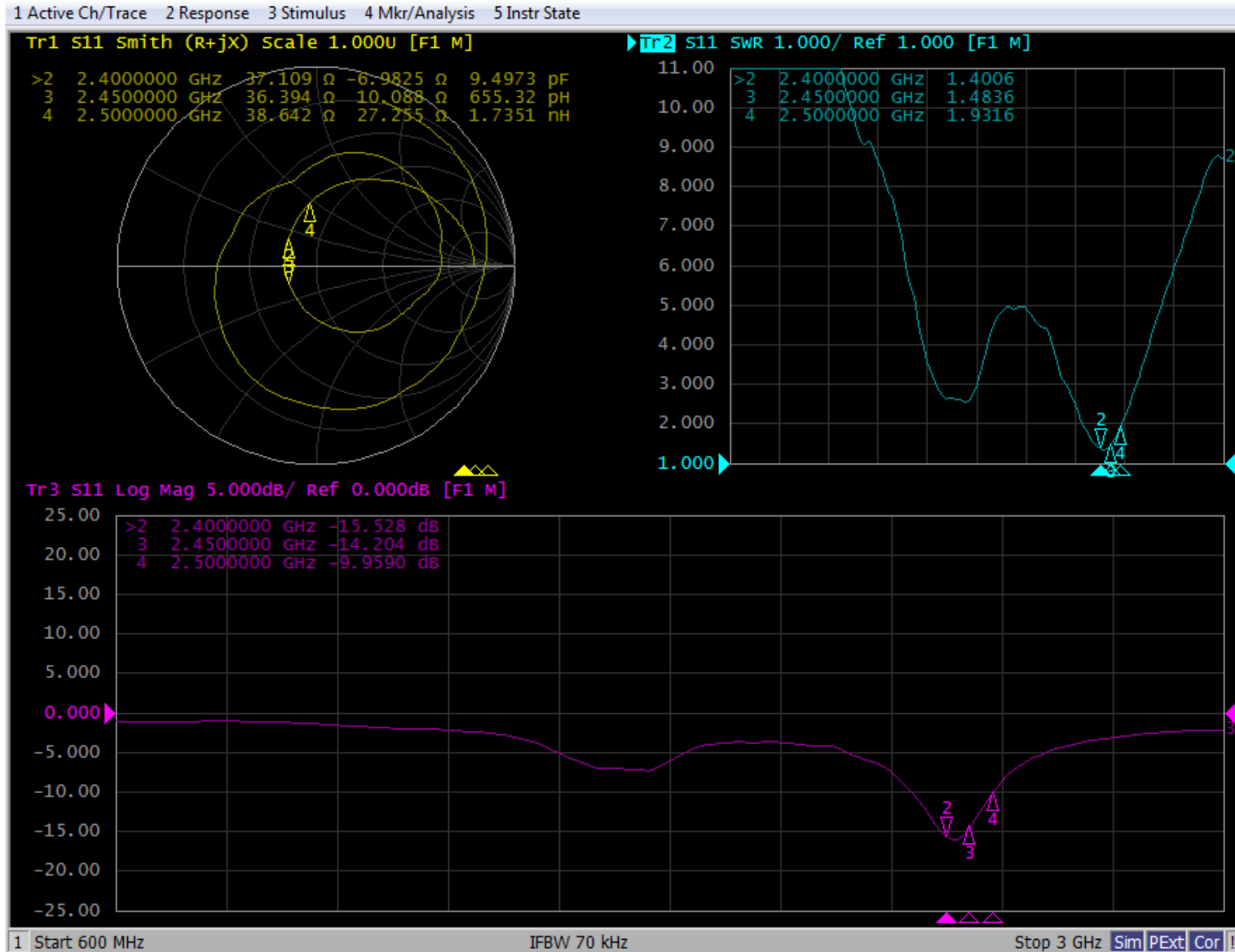
2450.000MHz E1



2450.000MHz E2



4. Passive Data





Company Introduction:

Shenzhen DBT Telecommunication Technology Co.,LTD . was established in October 2008. With a research and development laboratory spanning 1,000 square meters, it is a high-tech enterprise that integrates the R&D, production, sales, and service of communication antennas. Focusing on wireless mobile communication technology and contactless mobile payment technology, its main products include internal antennas for wireless mobile devices (such as mobile phones, POS terminals, PDAs, and mobile PCs) and NFC contactless mobile payment antennas. In addition to selling mobile terminal antenna products, the company also provides customers with RF wireless performance testing and solutions for complete mobile devices.

The company is equipped with state-of-the-art instruments and facilities, as well as plastic and metal mold shops, providing customers with an excellent platform for antenna hardware R&D.

Guided by its corporate philosophy of integrity in business and quality first, Dibitong provides its customers with high-quality products and unwavering service.

Company Vision:

To enable everyone to enjoy high-quality communication.

Contract Information:

TELL : 0755-83763273

FAX : 0755-83763348

Email: dbt1668@163.com

Address: Building 8, Building 505, Yungu Phase II, Pingshan 1st Road, Xili Town, Nanshan District, Shenzhen