



Shenzhen DBT Telecommunication Technology CO.,LTD

Antenna Test Report

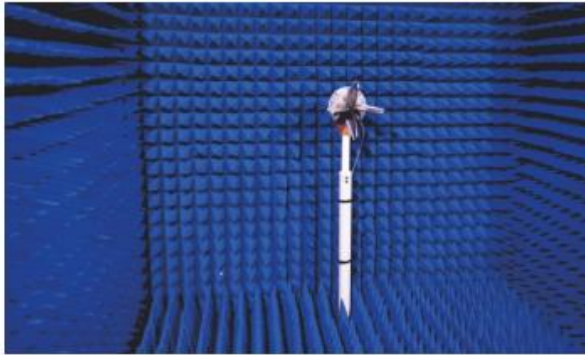
Customer: Shenzhen Commlite Technology CO., Ltd
Project: Qshot V2 Pro
Antenna System: 5.8G

TIME: 2026/01/29

Unit 505, Building 8, Phase II, Nanshan Cloud Valley, Taoyuan Street, Nanshan District, Shenzhen

Shenzhen DBT Telecommunication Technology CO.,LTD R&D Department

1. Test Devices



OTA-800

Brand: ETS

Frequency Range: 370MHz-8.5GHz

Functions: Passive and active testing; TRP and TIS testing for GSM, CDMA, 2G/3G/4G, WIFI, BT, and other standards.

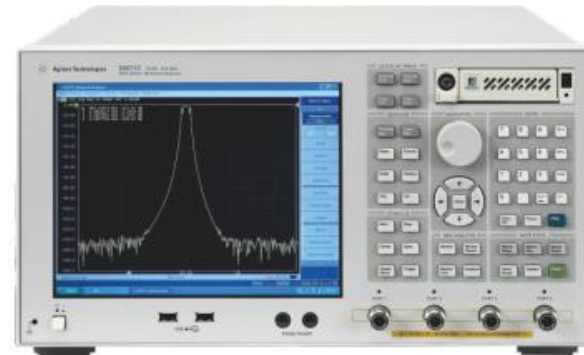


8960

Brand: Agilent

Frequency Range: 292MHz-2700GHz

Functions: Meets the requirements for 2G/3G active testing.



5071C

Brand: Agilent

Frequency Range: 9KHz-8.5GHz

Functions: Comprehensive passive antenna testing for 2G/3G/4G/BT/WIFI, etc.



CMW500

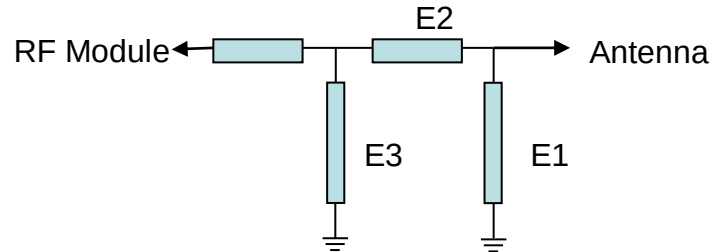
Brand: Rohde & Schwarz

Frequency Range: 70KHz-6GHz

Functions: Comprehensive active antenna testing for 2G/3G/4G/BT/WIFI/NB-IoT, etc.

2. Matching Circuit

The matching circuit has not been modified.

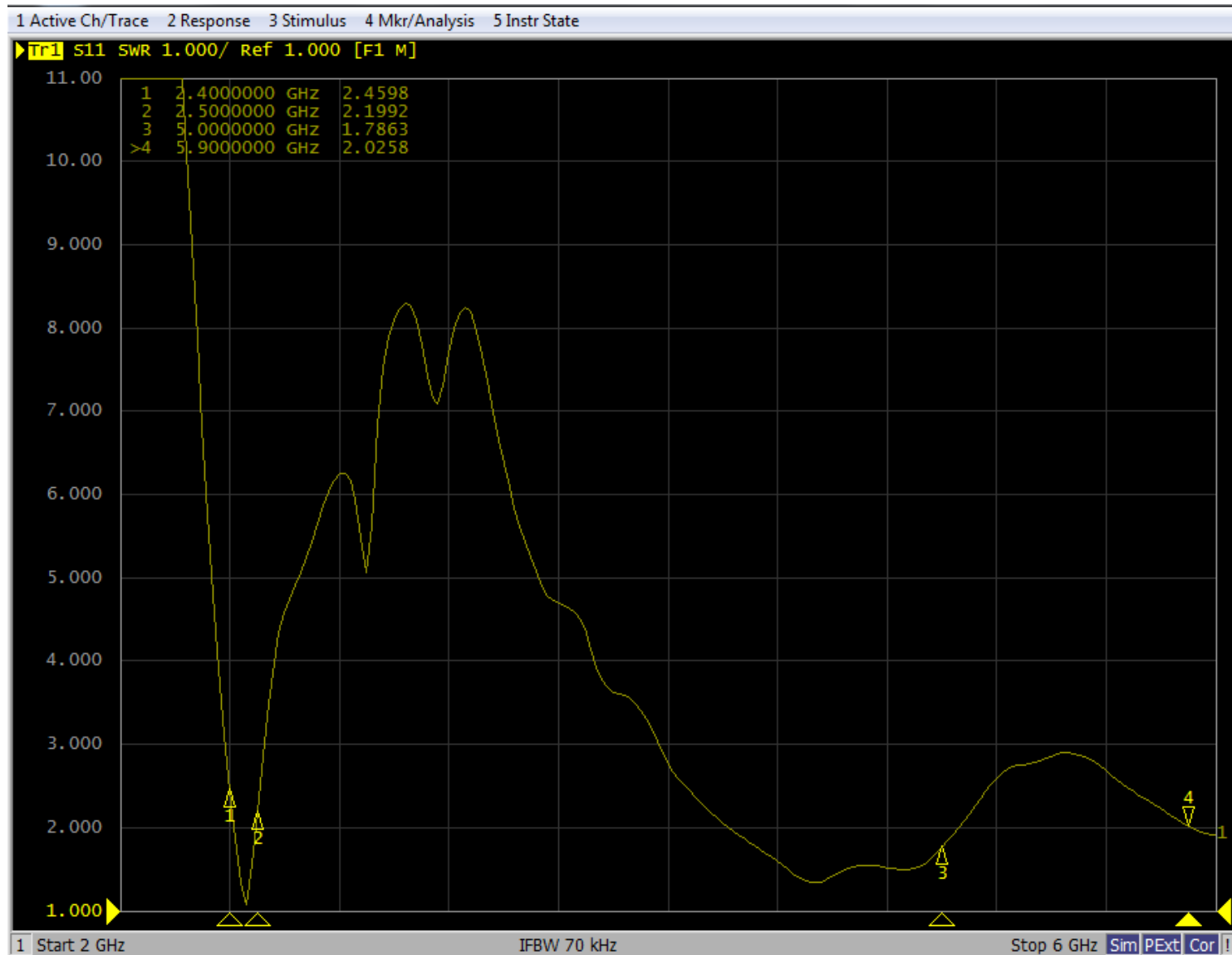


Element	2.4&5 G
E1	
E2	Default
E3	

3. Tested Object



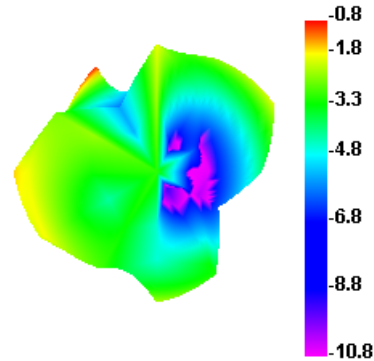
4. Standing Wave Diagram



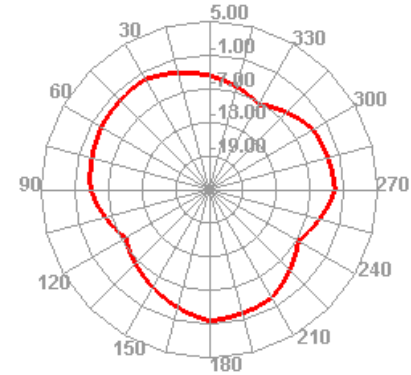
5. Passive Test Data

Freq (MHz)	Effi (%)	Gain (dBi)
5000	31.78	-0.77
5100	40.83	-0.02
5200	39.7	0.1
5300	44.35	0.35
5400	37.62	-0.85
5500	40.43	-0.19
5600	39.08	0.04
5700	25.22	-2.38
5800	25.07	-2.41
5900	20.41	-2.92

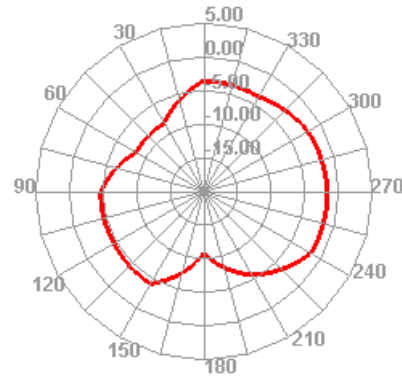
5400.000MHz



5400.000MHz H



5400.000MHz E1



5400.000MHz E2

