



深圳市国质信网络通讯有限公司
ShenZhen NQI network communication ltd

Antenna Test Report

For

Project SH-206H

Version: V1

Customer	DNS	Project	SH-206H
Band	BT	Color	
Issued by	冯工	Checked by	
Confirmed by		Date	2025.5.16

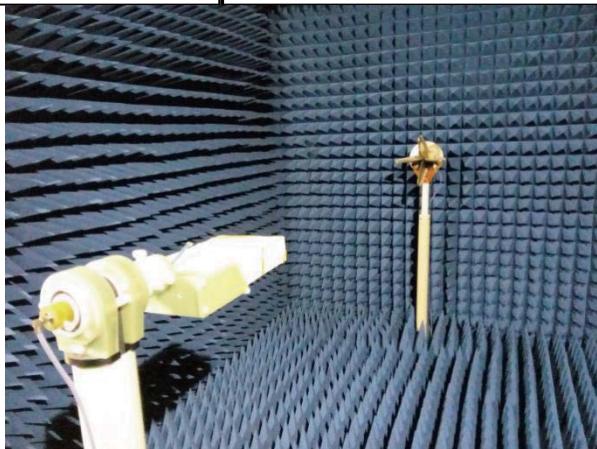
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—.Test equipment

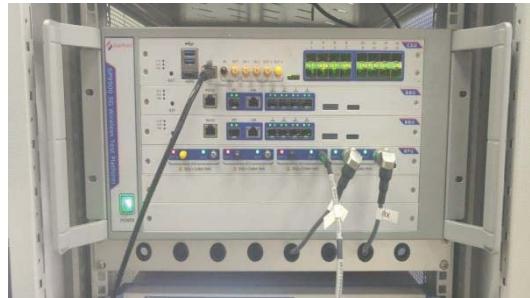
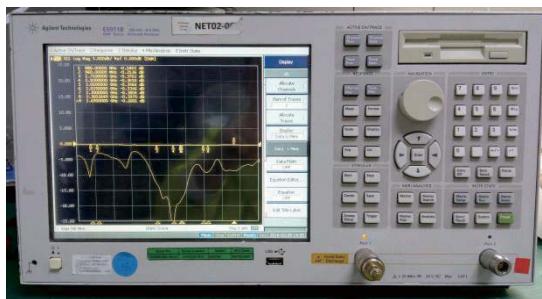
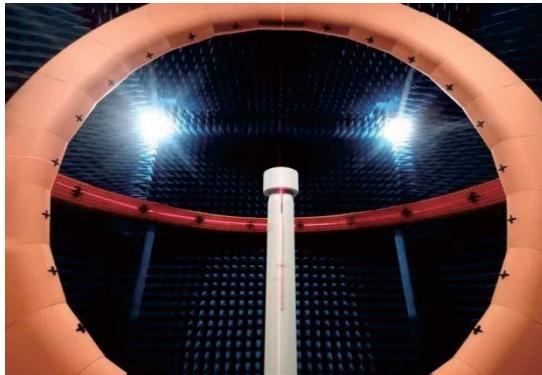
	Test Item	Devices
1.S-parameters	1. 回波损耗(RL) 2. 驻波比 (VSWR)	网络分析仪: Agilent E5071B RS ZVB8
2.Coupling Test	1. 发射功率 (MAX Power) 2. 接收灵敏度 (MIN Sens)	1.2G/3G 测试设备: Agilent 8960 2. 微波暗室: 广屏 ETS 3D Chamber (5x3x3)
3. 3D 无源测试 (Passive Test)	1. 效率 (η) 2. 增益 (Gain) 3.Radiation Pattern	1. 微波暗室: TEM24 3D Chamber (5x5x5) 广屏 ETS 3D Chamber (5x3x3) 2. 网络分析仪: Agilent E5071B
4.3D 有源测试 (Active Test)	1. 3D 功率 (TRP) 2. 3D 灵敏度 (TIS) 3.Throughput Test 4.Head and Hand Test 5.Head Phantom Test	1. 微波暗室: TEM24 3D Chamber (5x5x5) 广屏 ETS 3D Chamber (5x3x3) 2.2G/3G 测试设备: Agilent 8960 3.4G 测试设备: 安立 MT8820C/CMW500 4.WIFI/BT/NB-iot 测试设备: CMW500 5. 5G 测试设备: 星河亮点 SP9500-CTS



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二. Definitions

VSWR: Voltage Standing Wave Rate

TRP: total radiated power

TIS: total isotropic sensitivity

三 . Cell-Phone Photo and Dealing Methord

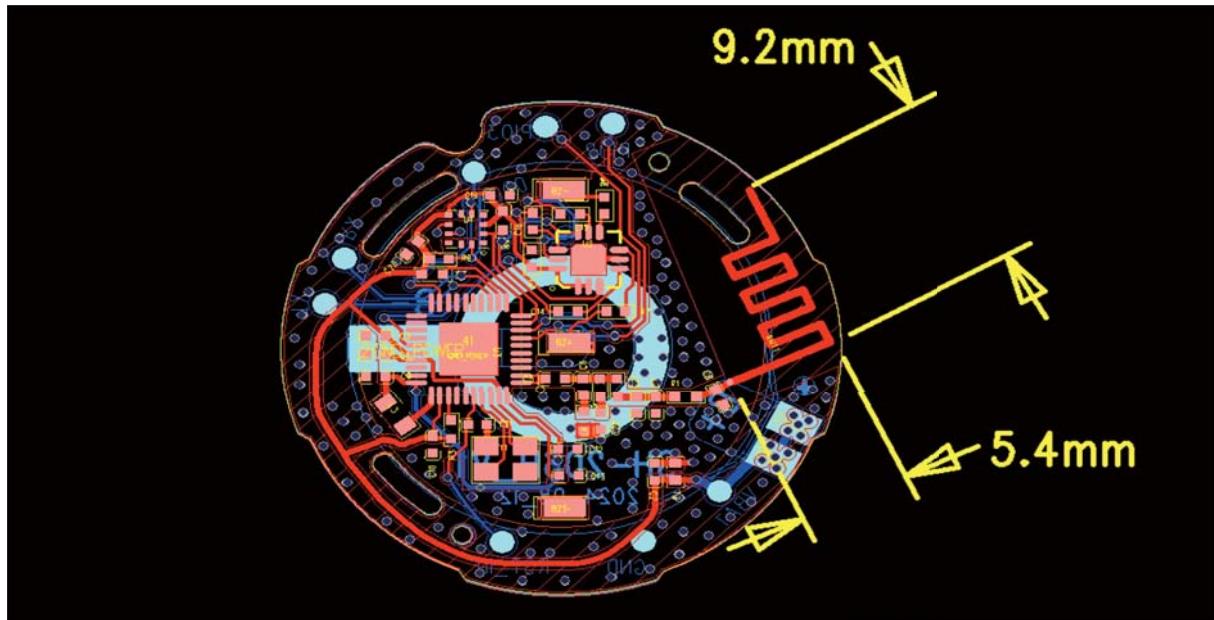


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四.Matching Circuit



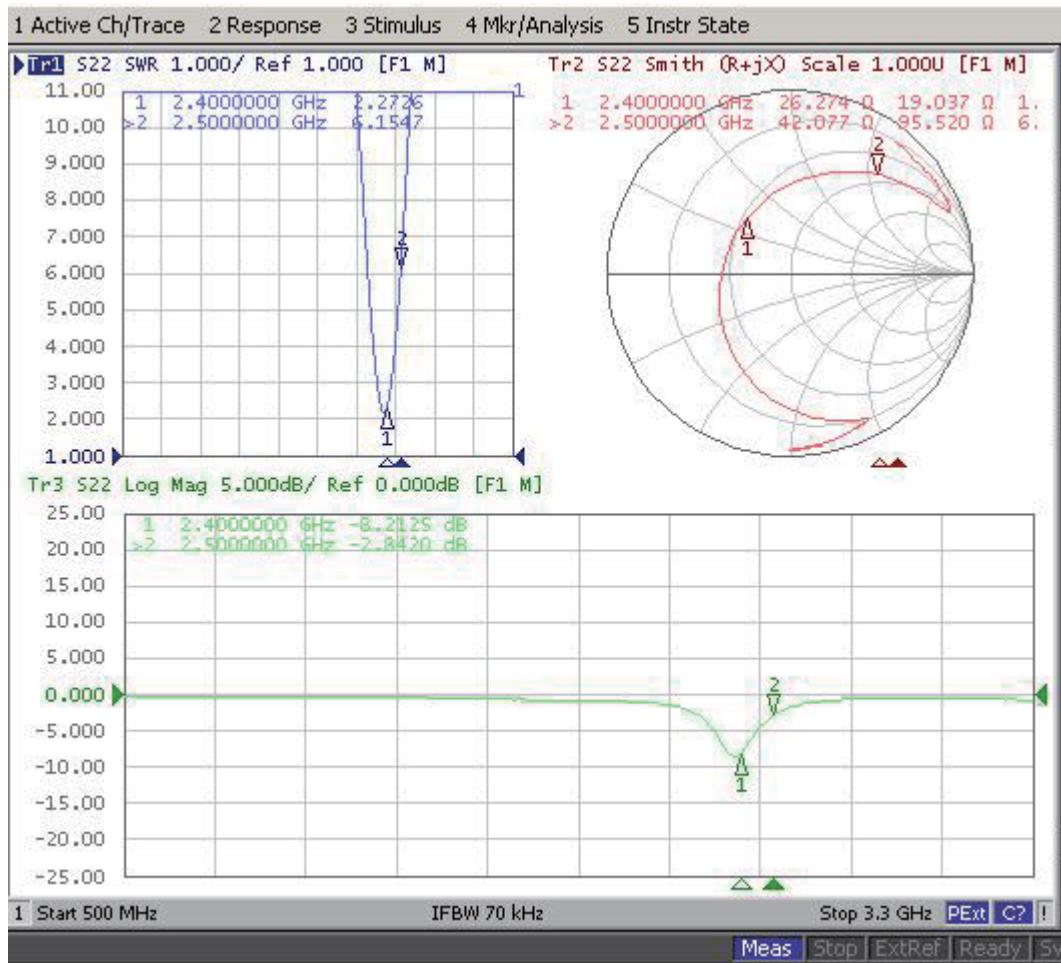
Manufacturer: Shenzhen DNS Industries Co., Ltd.

Address: 23/F Building A, Shenzhen International Innovation Center, No.1006 Shennan Road, Futian, Shenzhen, China

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五.Pассивный тест

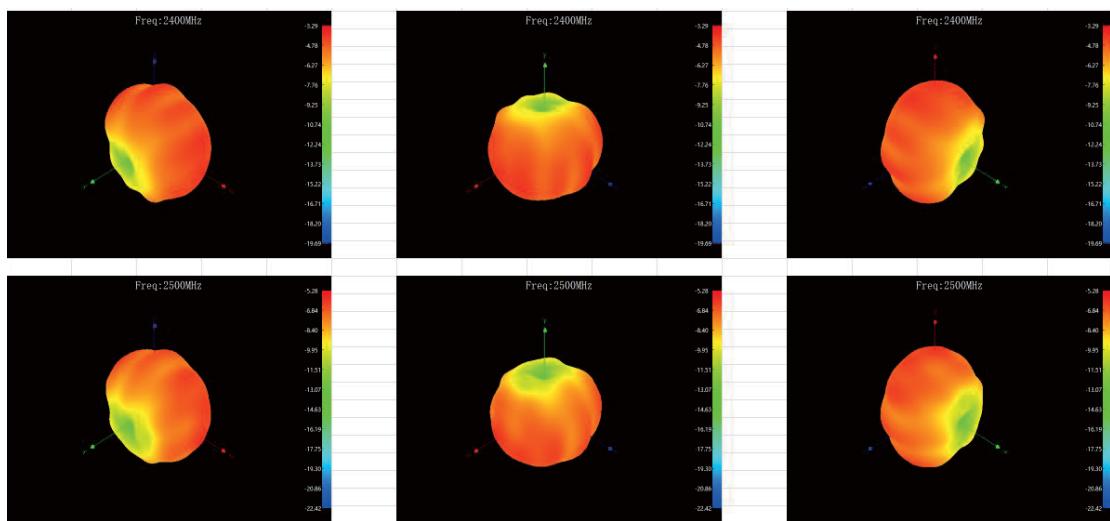


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Frequenc y/Mhz	Efficiency / %	MaxGain/ dBi
2400	18.24	-3.29
2410	17.14	-3.41
2420	17.02	-2.88
2430	16.29	-2.91
2440	16	-3.11
2450	15.45	-2.98
2460	15.31	-3.44
2470	14.49	-3.79
2480	12.42	-4.94
2490	11.59	-5.2
2500	10.94	-5.28



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