



东莞市森岭智能科技有限公司

DONGGUAN SLEing INTEL-TECH CO., LTD

## 电性测试报告

### Test Reports

#### Electrical Properties

Frequency	850-940 MHz
Impedance	50 Ohm Nominal
V.S.W.R	$\leq 1.92$
Return Loss	-10dB Max
Radiation	Omni-directional
Gain (Peak)	4.01 dBi
Polarization	Linear, Vertical
Admitted Power	2 W
Connector	MHF

#### Physical Properties

Antenna Material	FPCB
Cable Type	$\Phi 1.13\text{mm}$ Black
Operating Temp	-40°C-85°C
Storage Temp.	-5°C-30°C
Model	SLEingB244550170

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Add: Room 323, Building 15, No. 1 Xuefu Road, Songshan Lake Park, Dongguan City, Guangdong Province, China

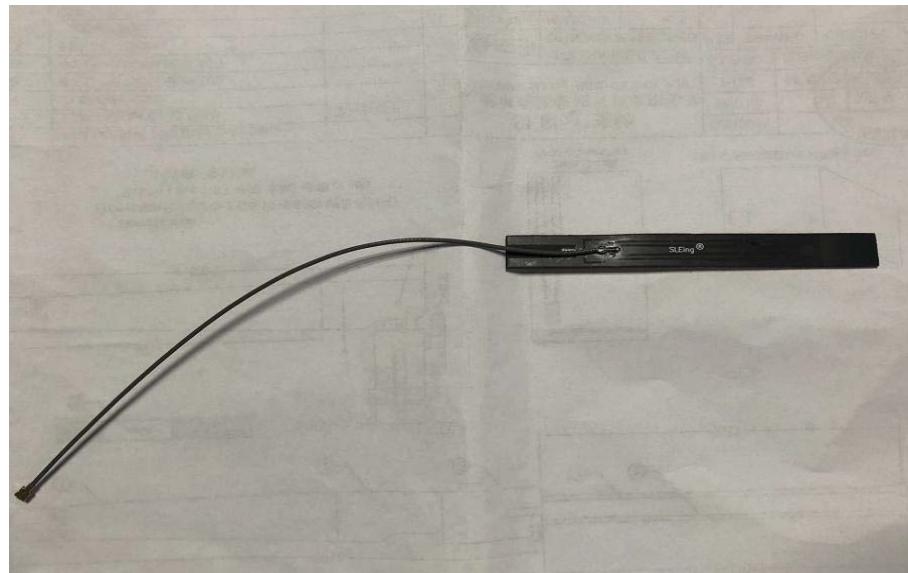
天线组装图

Antenna assembly diagram

Device



Antenna

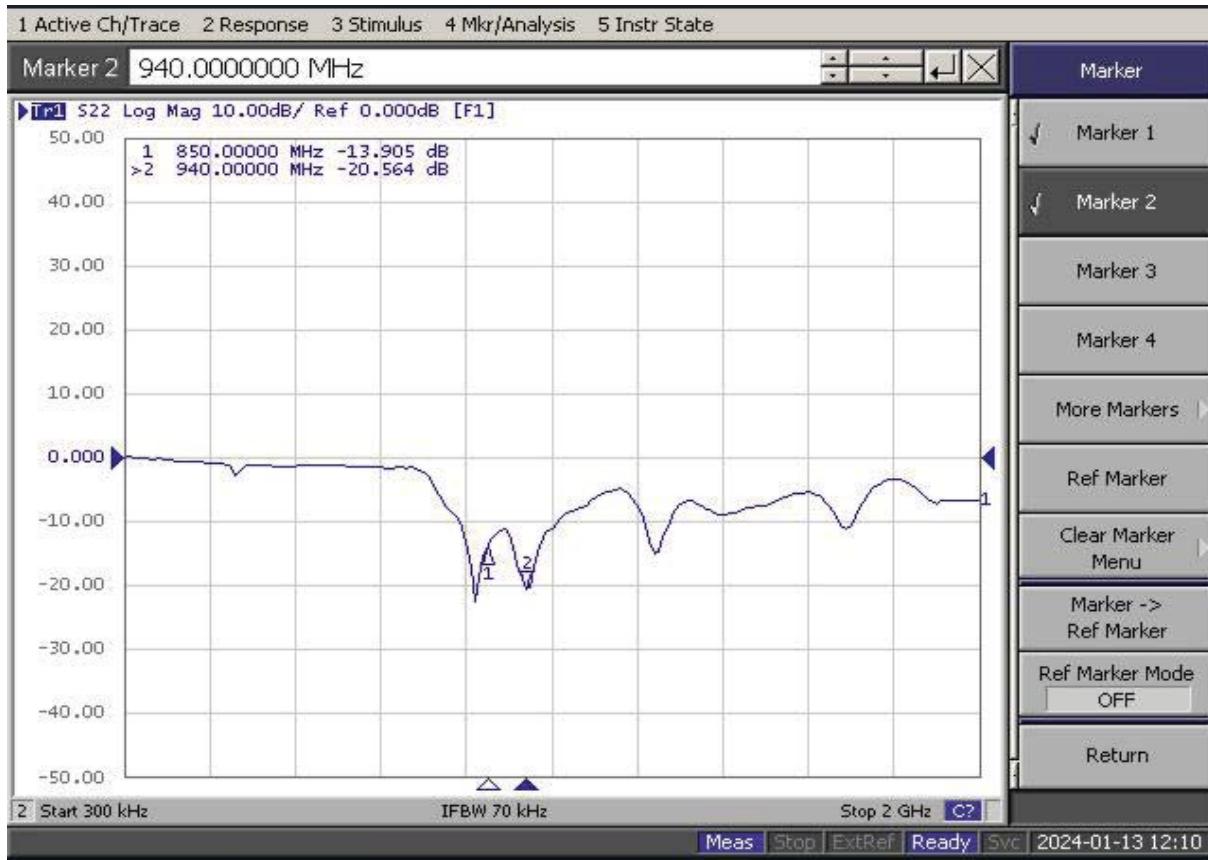


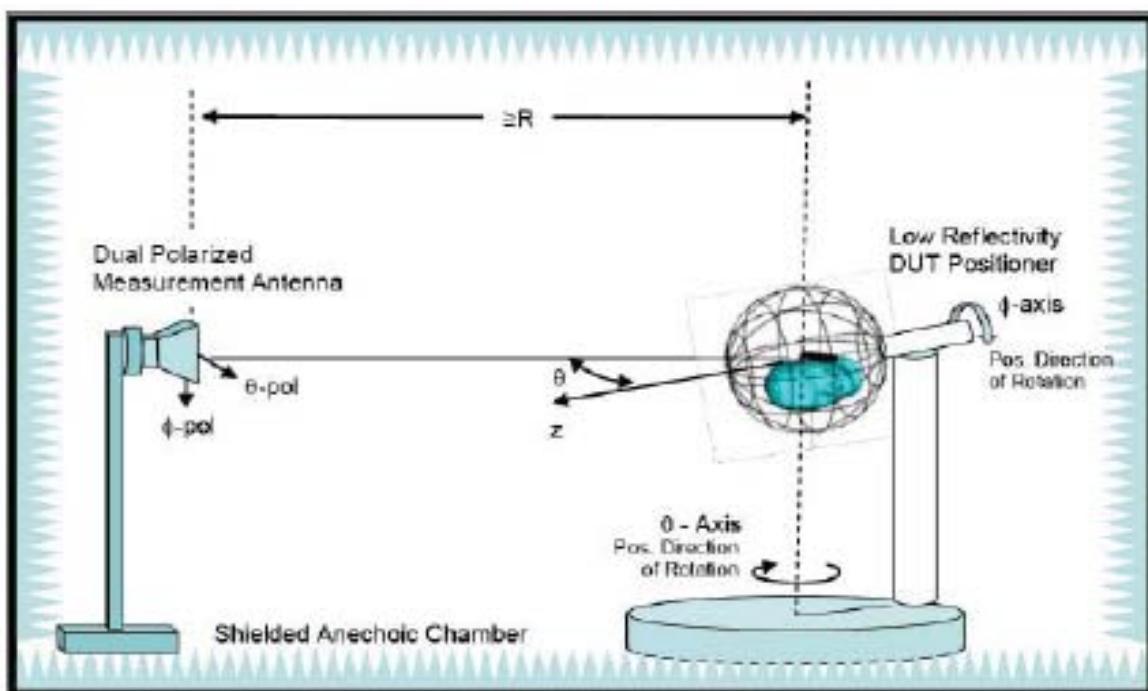
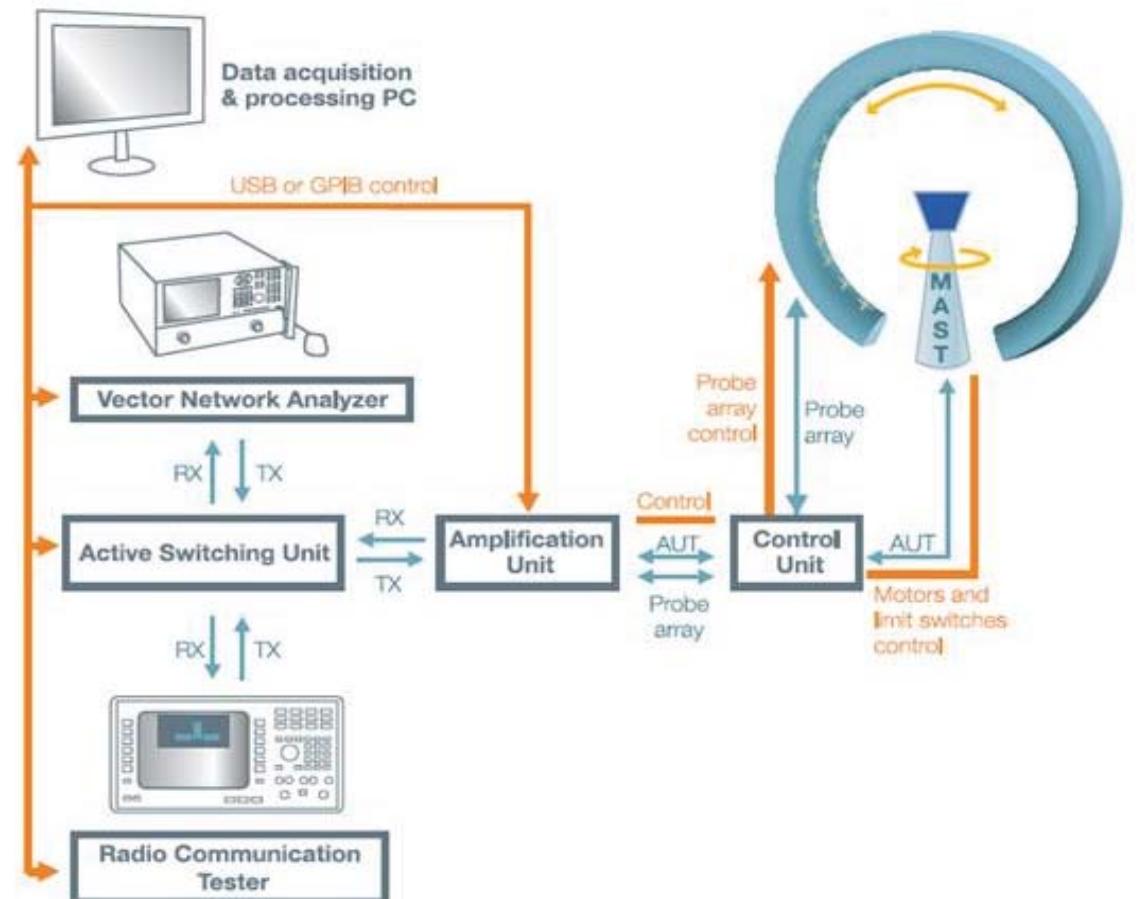
S参数测试  
S Parameter Test

Agilent E5071C Network Analyzer



RF Antenna (Return Loss)

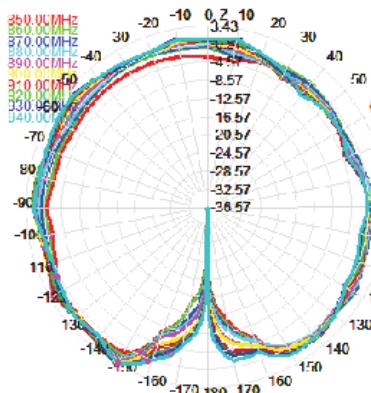


测试设备  
Test Setup

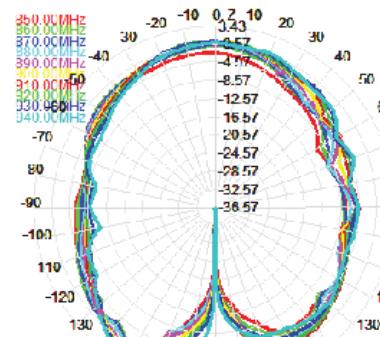
测试效率  
Test Efficiency

Frequency ID	1	2	3	4	5	6	7	8	9	10
Frequency (MHz)	850	860	870	880	890	900	910	920	930	940
Gain (dBi)	1.66	2.32	2.74	2.71	2.50	2.55	3.35	3.60	3.86	4.01
Efficiency (%)	50.85	58.68	61.59	62.43	63.45	64.34	65.94	64.83	62.84	63.74

XZ



YZ



XY

