

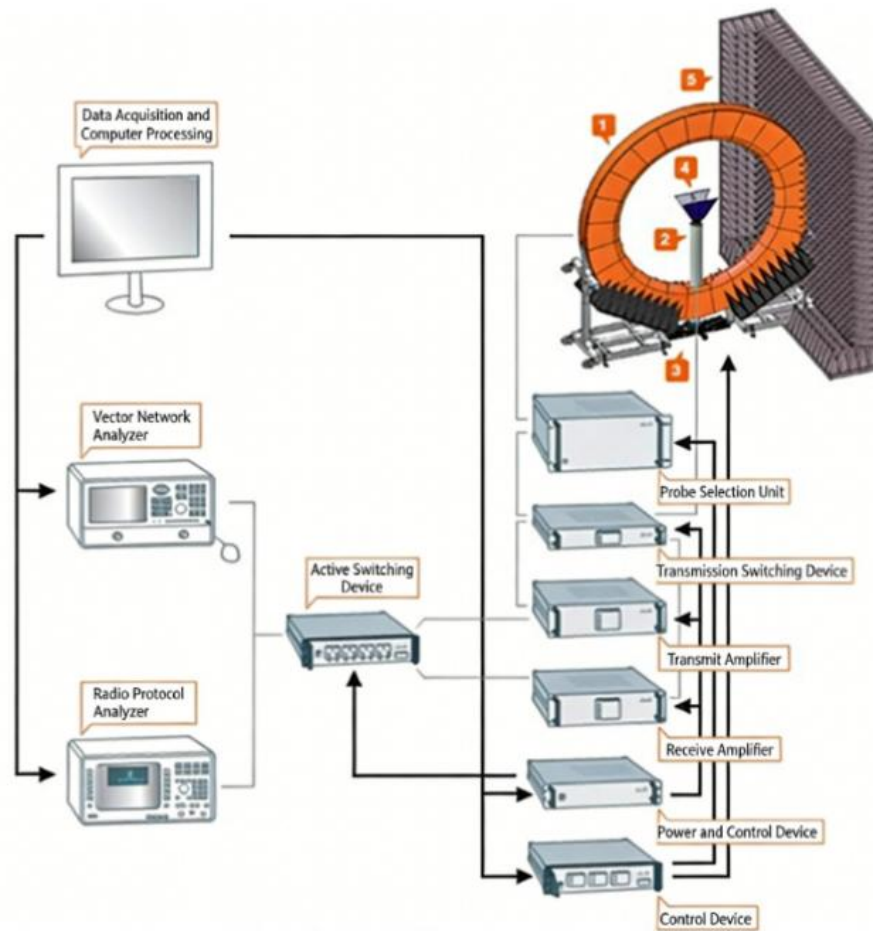
Antenna test report

Antenna Model	<u>Z567482</u>
Frequency	<u>800MHz-960MHz</u>
DATE	<u>2026-2-27</u>

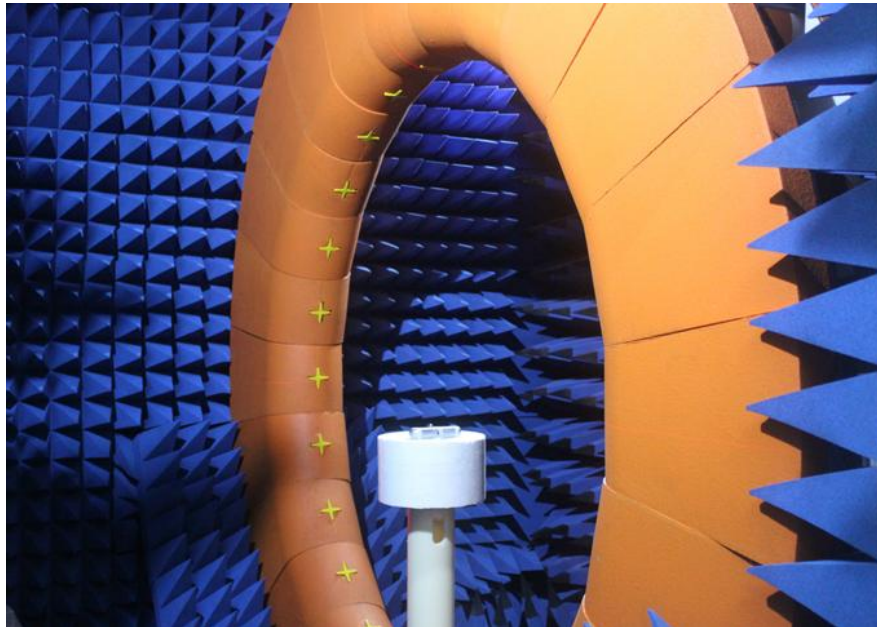
Manufacturer: Shenzhen Elecrow Limited

Manufacturer's address Elecrow, 5th Floor, Fengze Building B, Nanchang Huafeng Industrial Park, Hangcheng Street Hangkong Road, Baoan District, Shenzhen city, China

Test equipment and test environment



Test equipment



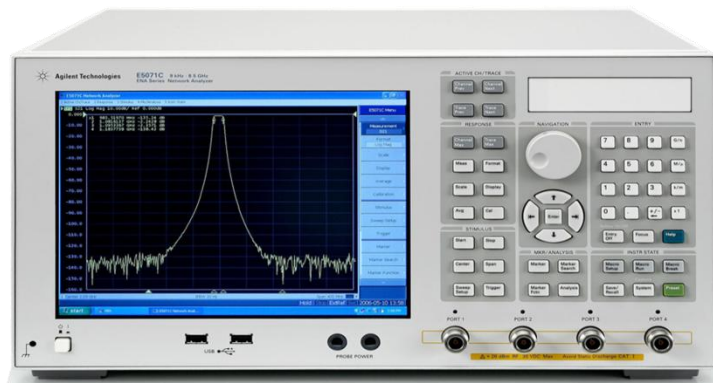
Probe Microwave Anechoic Chamber

➤ Frequency: 800MHz-960MHz

Key Test Indicators

- ◆ Passive Indicators
 - ◆ Gain
 - ◆ Efficiency
 - ◆ 3D Radiation Pattern
- Active Indicators
 - Total Radiated Power, TRP
 - Total Isotropic Sensitivity, TIS

Test equipment



Agilent E5071C Vector Network Analyzer

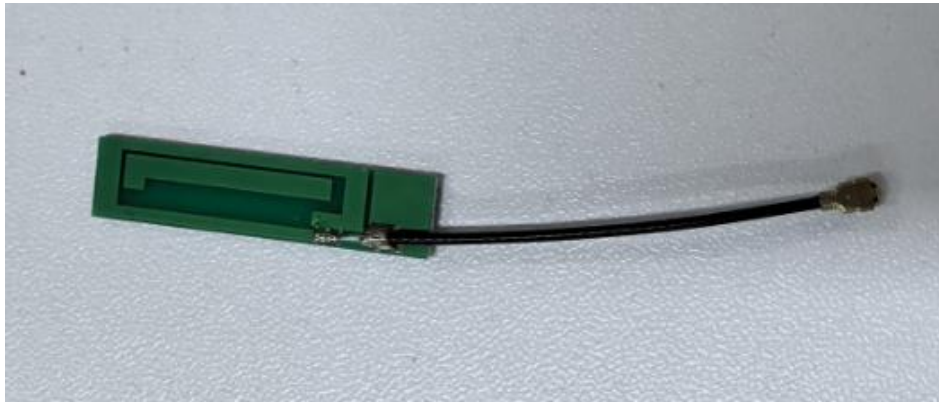
- Frequency: 800MHz-960MHz



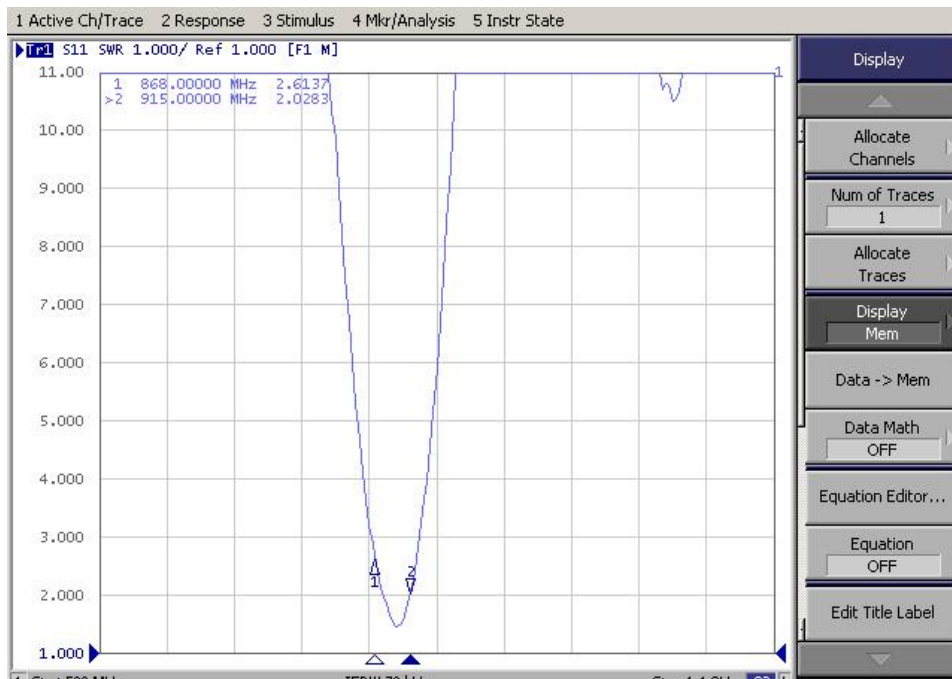
R&S CMW500 Wideband Radio Communication Tester

- GSM/3G/4G
- WIFI/ Bluetooth
- NB-IoT

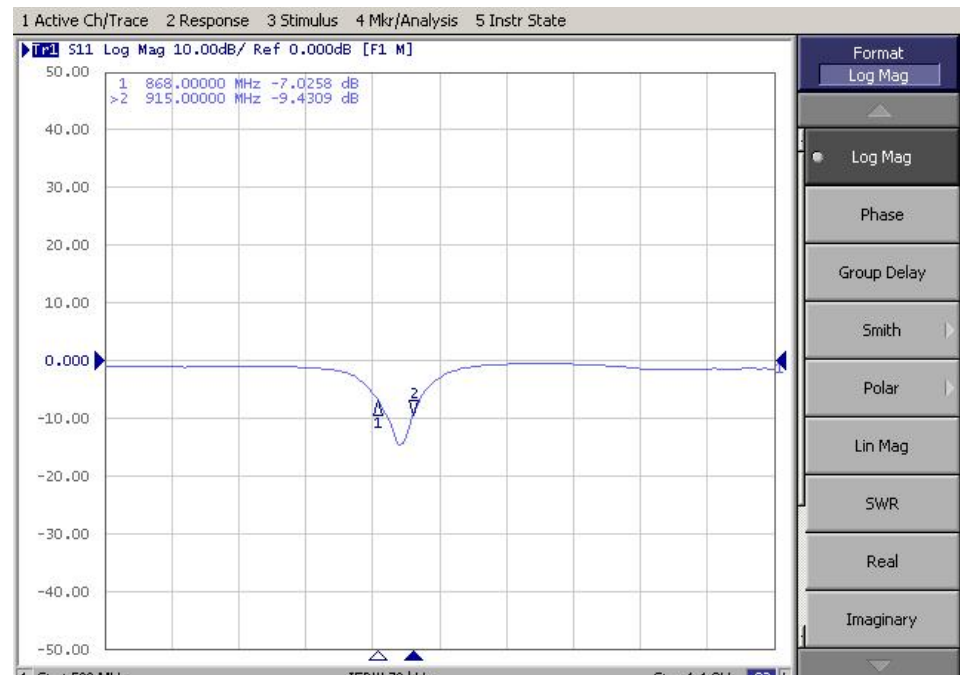
Antenna image



Antenna SWR



Antenna Return loss

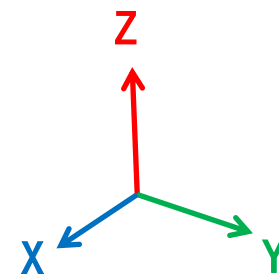
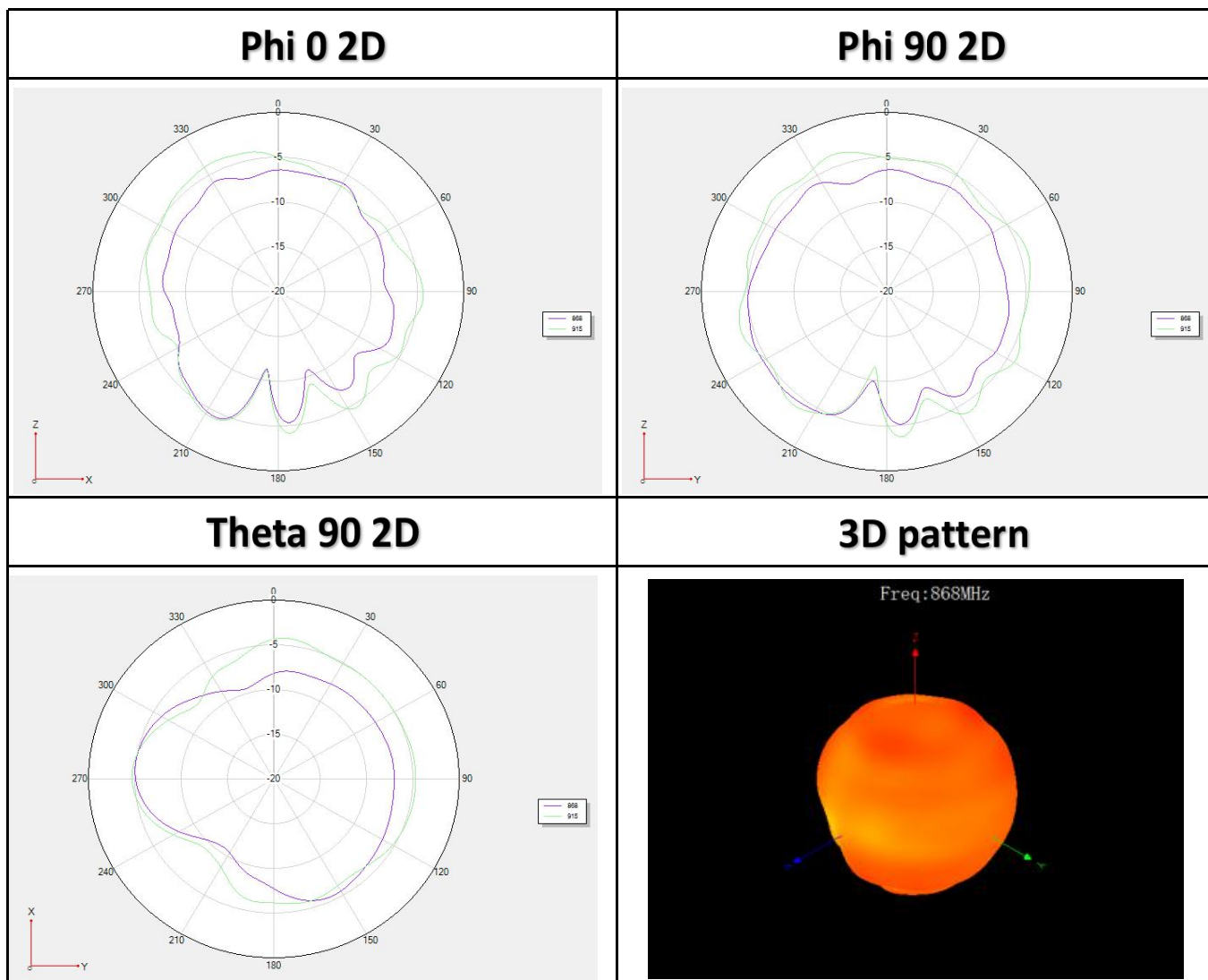


Antenna gain and efficiency

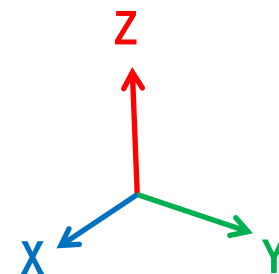
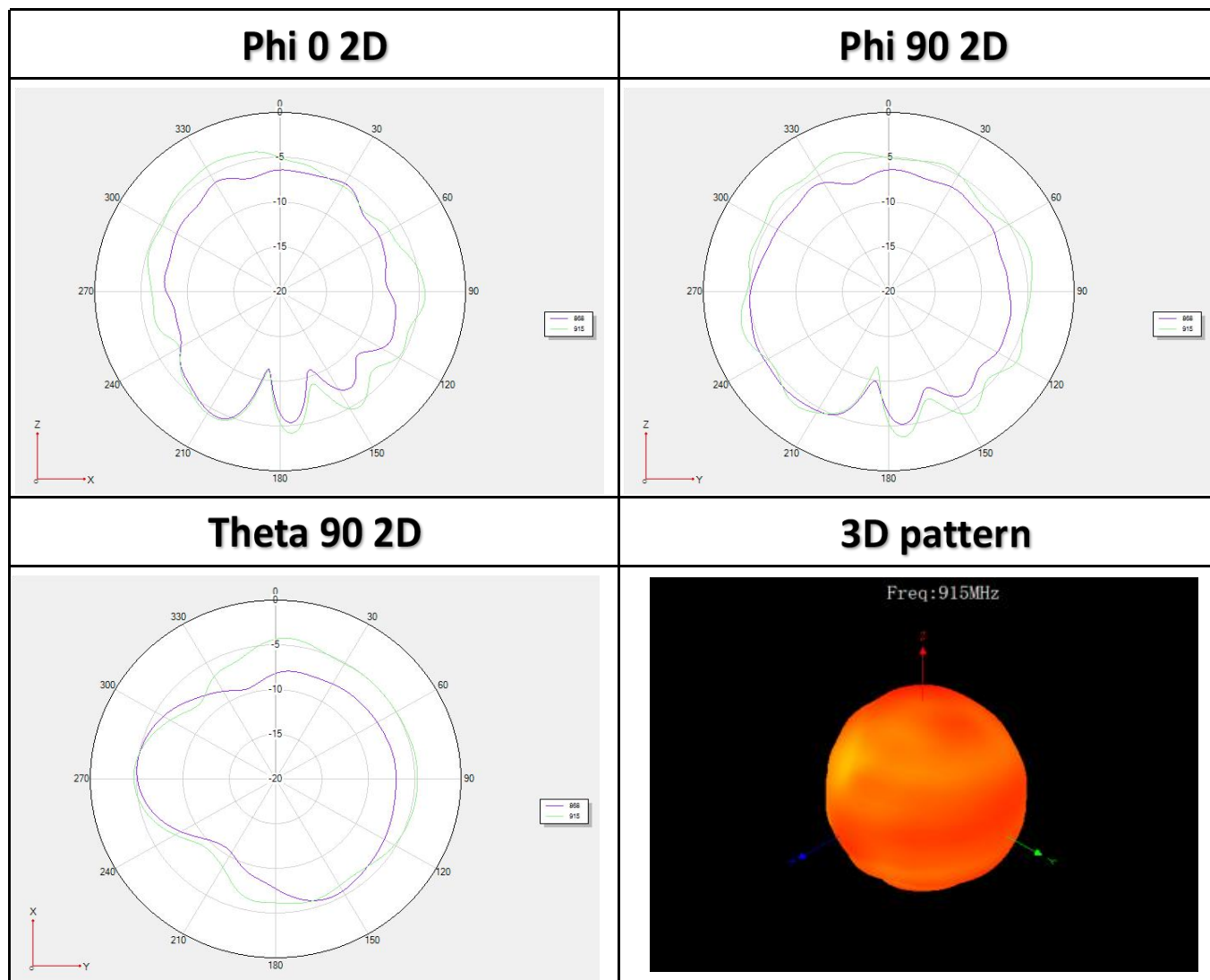
Freq(MHz)	Efficiency (%)	Gain(dBi)
859	31.08	0.83
862	32.06	0.93
865	32.49	0.97
868	33.11	1.01
871	33.80	1.04
874	34.10	1.07
877	34.58	1.10
880	34.81	1.16
883	35.51	1.21
886	35.72	1.23
889	35.75	1.27
892	35.56	1.22
895	35.04	1.18
898	34.60	1.13

Freq(MHz)	Efficiency (%)	Gain(dBi)
900	34.57	1.08
903	33.84	1.05
906	33.18	1.02
909	32.71	0.99
912	32.33	0.96
915	31.85	0.89
918	30.95	0.82
921	30.73	0.79
924	30.48	0.77
927	30.41	0.74
930	29.75	0.72

Antenna Radiation Pattern



Antenna Radiation Pattern



Thanks for your support!