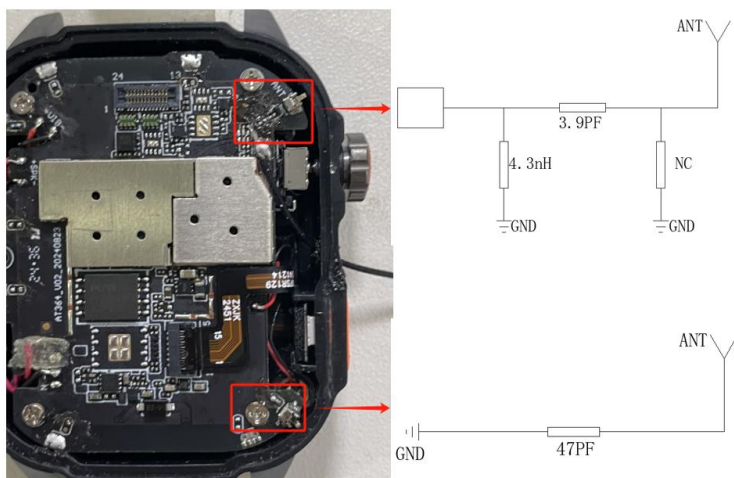


HT36-BT-Antenna report

1 : Supplied by the antenna manufacturer (data sheet

HT36-BT-Antenna



2 : Antenna data from lab test.

frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率(dB)	efficiency 效率(%)
2400	-7.57	-10.76	8.4
2410	-7.42	-10.85	8.23
2420	-7.34	-10.89	8.14
2430	-7.37	-10.91	8.11
2440	-7.34	-11.00	7.94
2450	-7.16	-10.96	8.01
2460	-7.11	-10.95	8.04
2470	-6.99	-10.99	7.97
2480	-6.83	-11.04	7.87
2490	-6.53	-10.87	8.18
2500	-6.33	-10.81	8.29

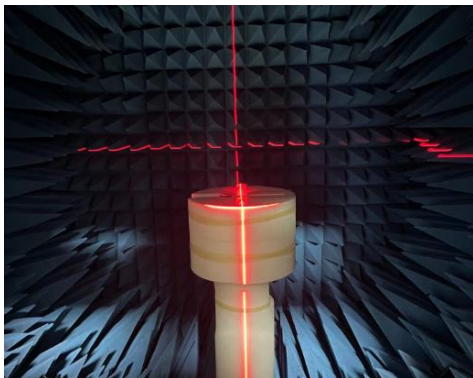
The test report must contain the following:

1 : Test sample photos:

金属面框天线



2 : Test setup Photos:



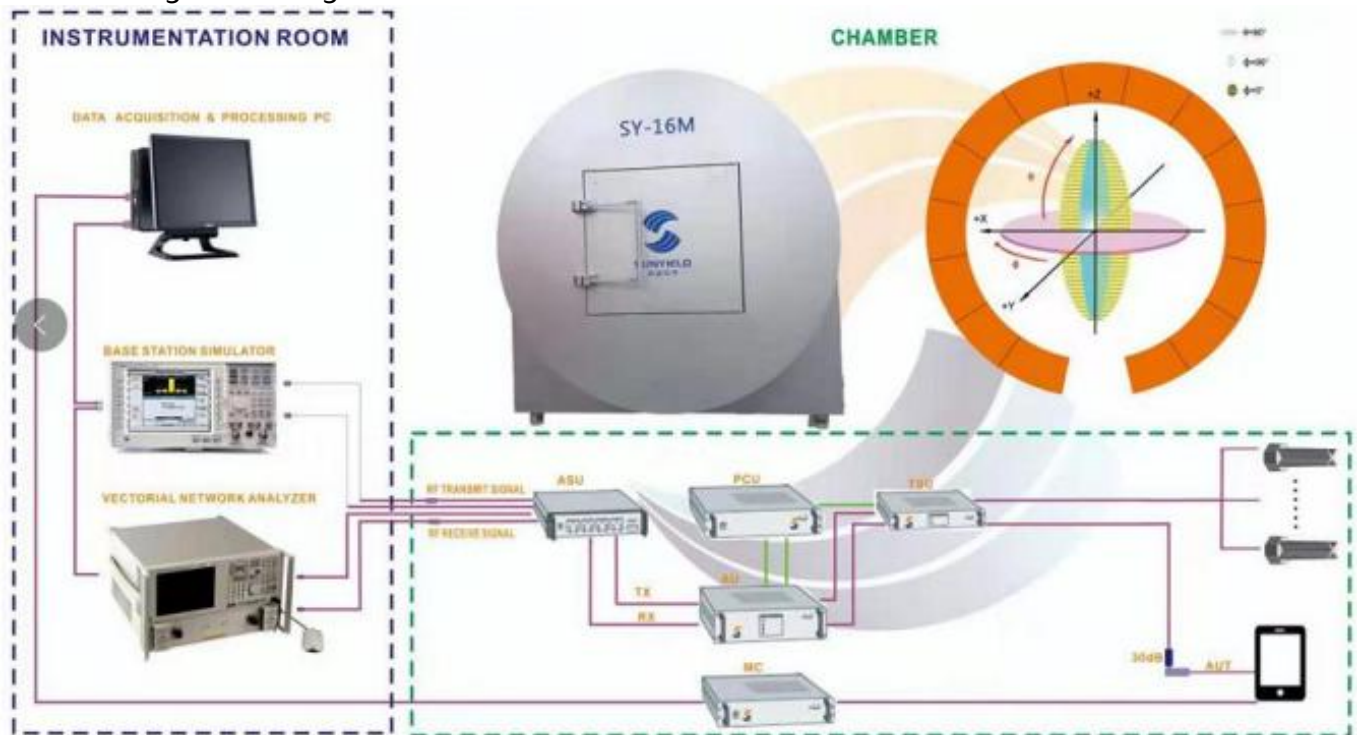
3 : Test procedure

Name	Parameter	Method	Standard no.
Mobile communication antenna	VSWR	Generic specification for antennas used in the mobile communications	GB/T 9410-2008
	Antenna gain		
	Radiation pattern		
Antenna performance	Radiation efficiency	IEEE Standard Test Procedures for Antennas	ANSI/IEEE Std 149-1979

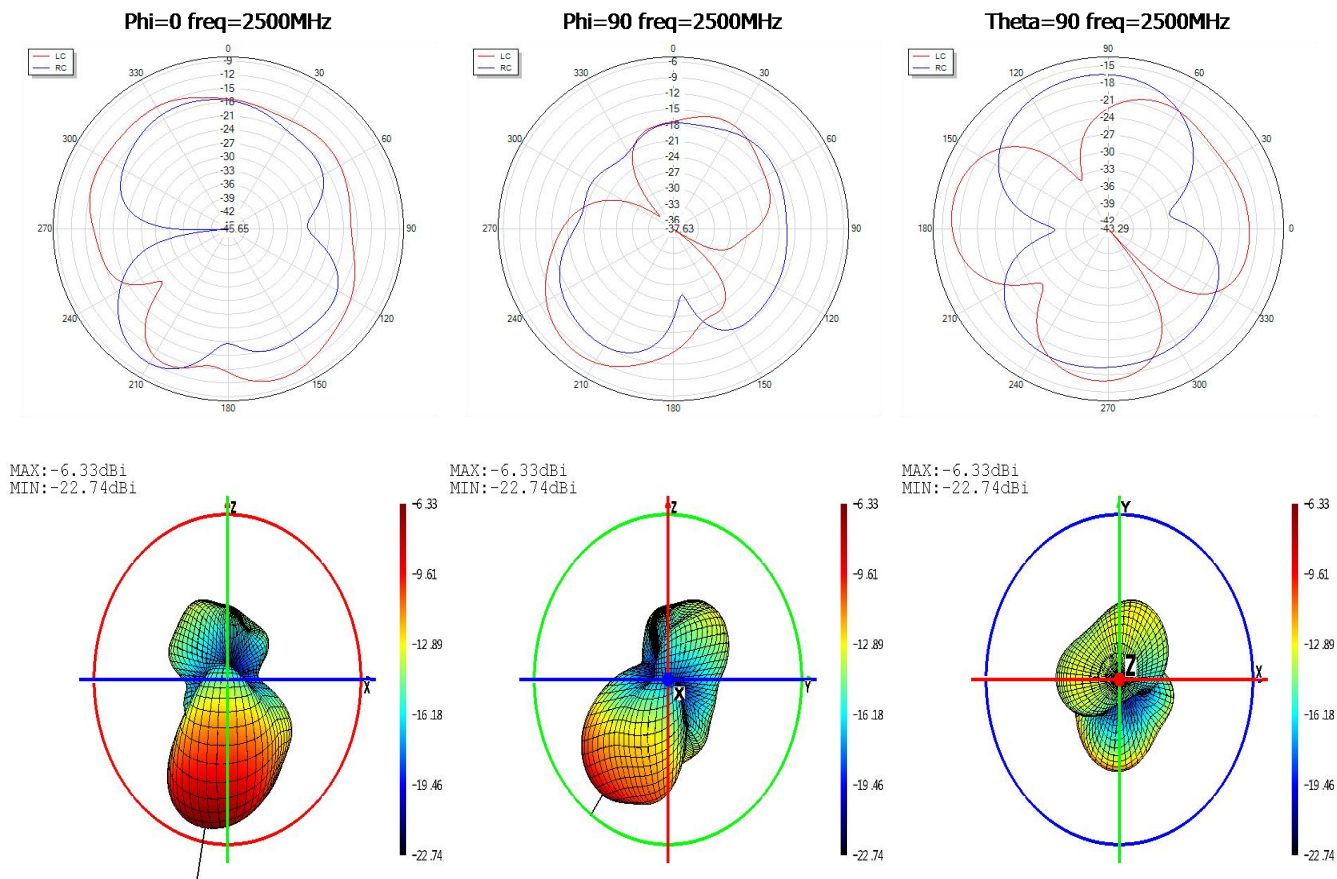
4 : Equipment list

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
Network Analyzer	Agilent	E5071B	E5071B-ATO-12478 MY42301894	2024/11/12	2025.11.11
Antenna	SUNYIELD	Standard antenna	SH800-005	2024/11/20	2025/11/19
Chamber	SUNYIELD	191043155HW	SY-16	2024/11/20	2025/11/19

5 : Test configuration diagram



6 : Antenna gain test diagram and data



frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率(dB)	efficiency 效率(%)
2400	-7.57	-10.76	8.4
2410	-7.42	-10.85	8.23
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2490	-6.53	-10.87	8.18
2500	-6.33	-10.81	8.29

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Test by : sam zhang

Test Data: 2025-9-4