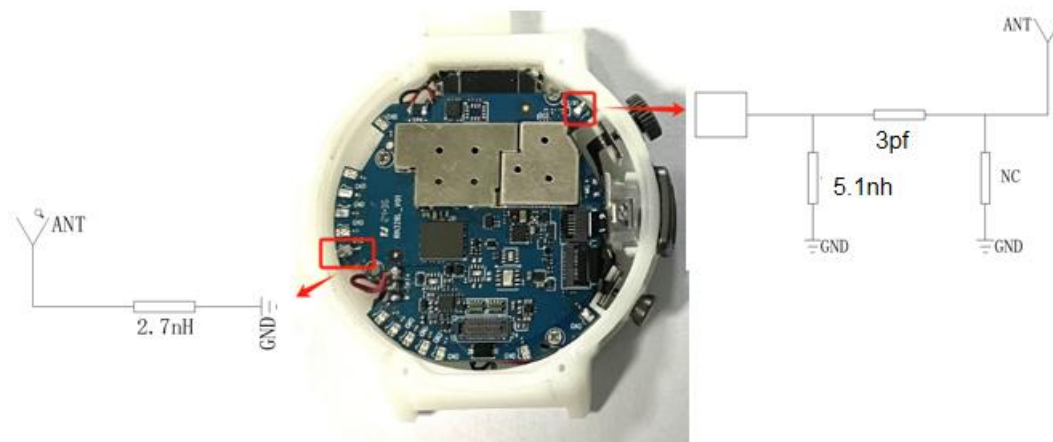


KE3PRO-BT-Antenna report

1 : Supplied by the antenna manufacturer (data sheet KE3PRO-BT-Antenna

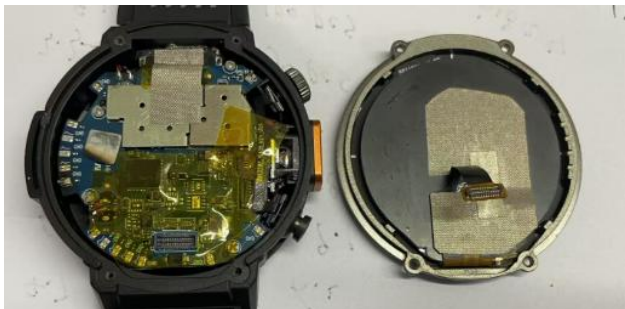


2 : Antenna data from lab tests.

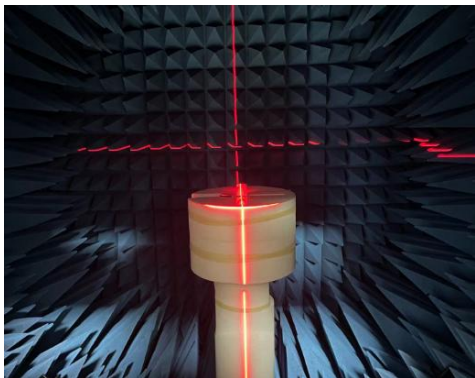
frequency 频率(MHz)	gain 增益(dBi)	efficiency 效率(dB)	efficiency 效率(%)
2400	-4.61	-10.4	9.11
2410	-4.33	-10.18	9.59
2420	-5.21	-10.22	9.5
2430	-6.05	-10.68	8.55
2440	-5.32	-10.43	9.06
2450	-5.2	-10.35	9.22
2460	-5.47	-10.43	9.05
2470	-5.4	-10.50	8.92
2480	-5.07	-10.40	9.11
2490	-5.15	-10.37	9.19
2500	-5.04	-10.27	9.39

The test report must contain the following:

1 : Test sample photos:



2 : Test setup Photos:



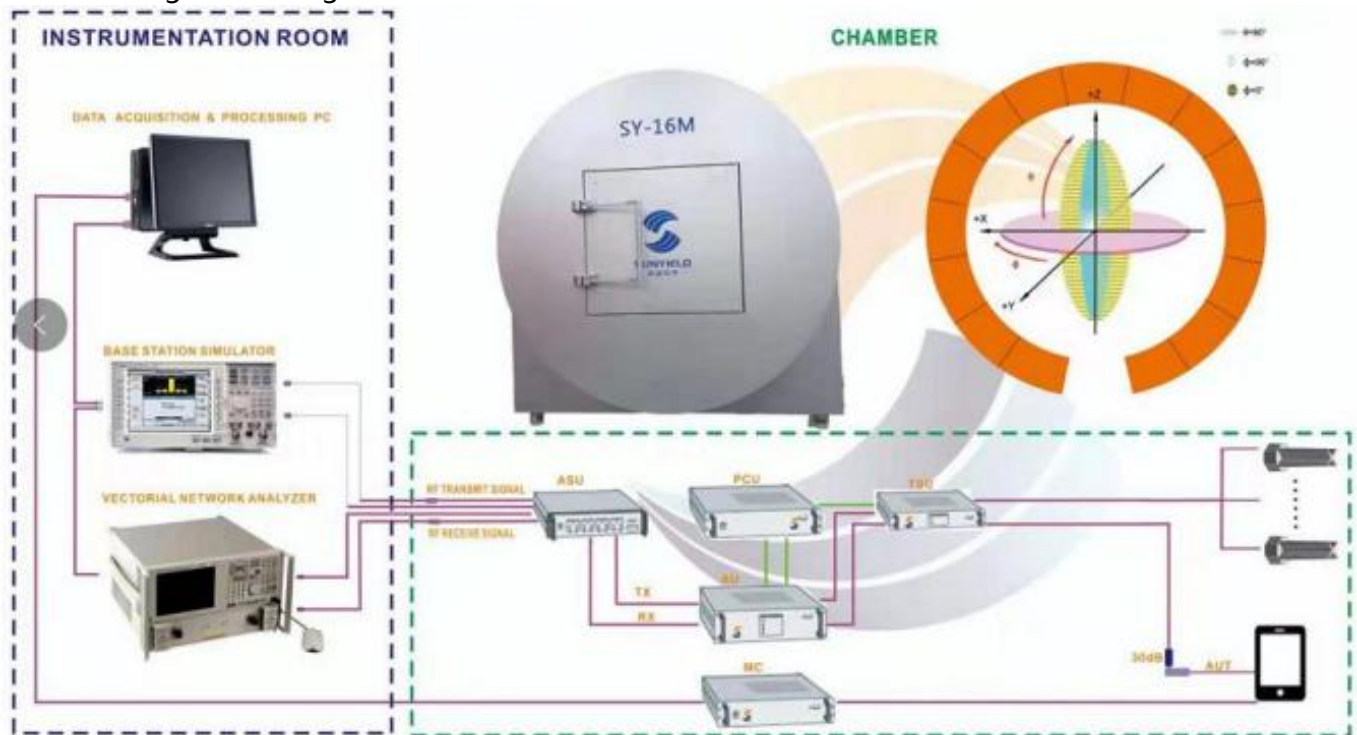
3 : Test procedure

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

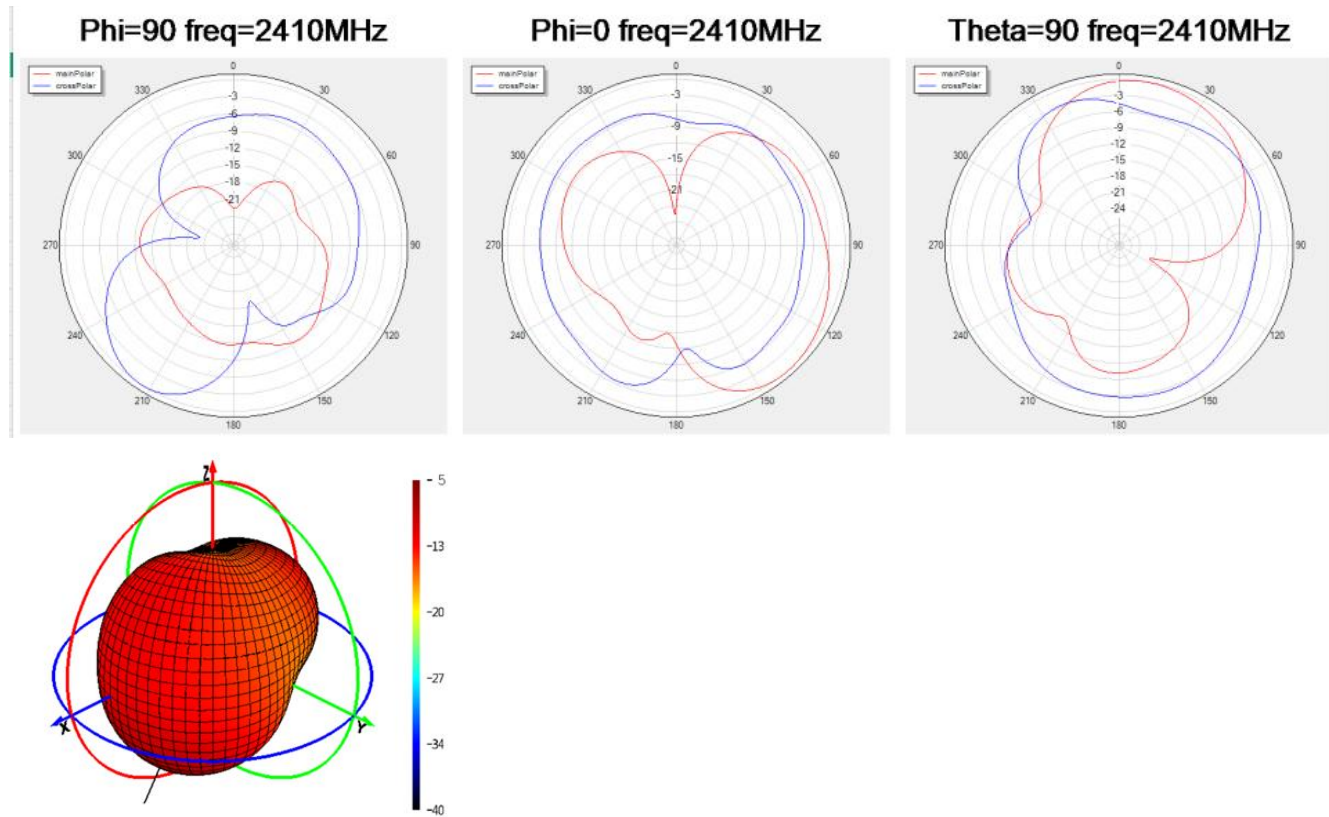
4 : Equipment list

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



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Test by : sam zhang

Test Data: 2025-4-19

