

2026

Antenna Test Report

customer name:

Test Date: September 1, 2026

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catalogue

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OA-WH1022 WIFI 5G Antenna



The antenna should be installed in the center position, as shown in the figure above.

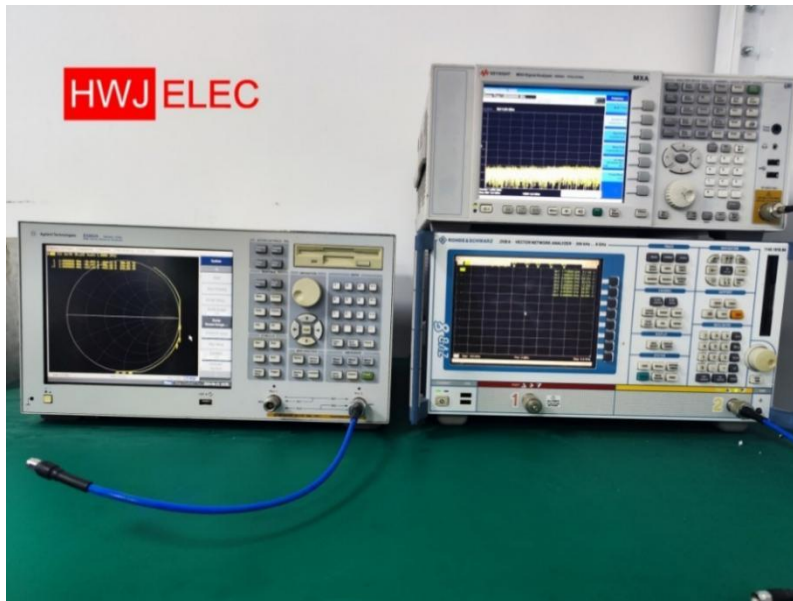
Coaxial cable specifications: RF0.81, IPEX Gen-4 interface, length: 60 mm.

I Matching and Tuning Data

No match found

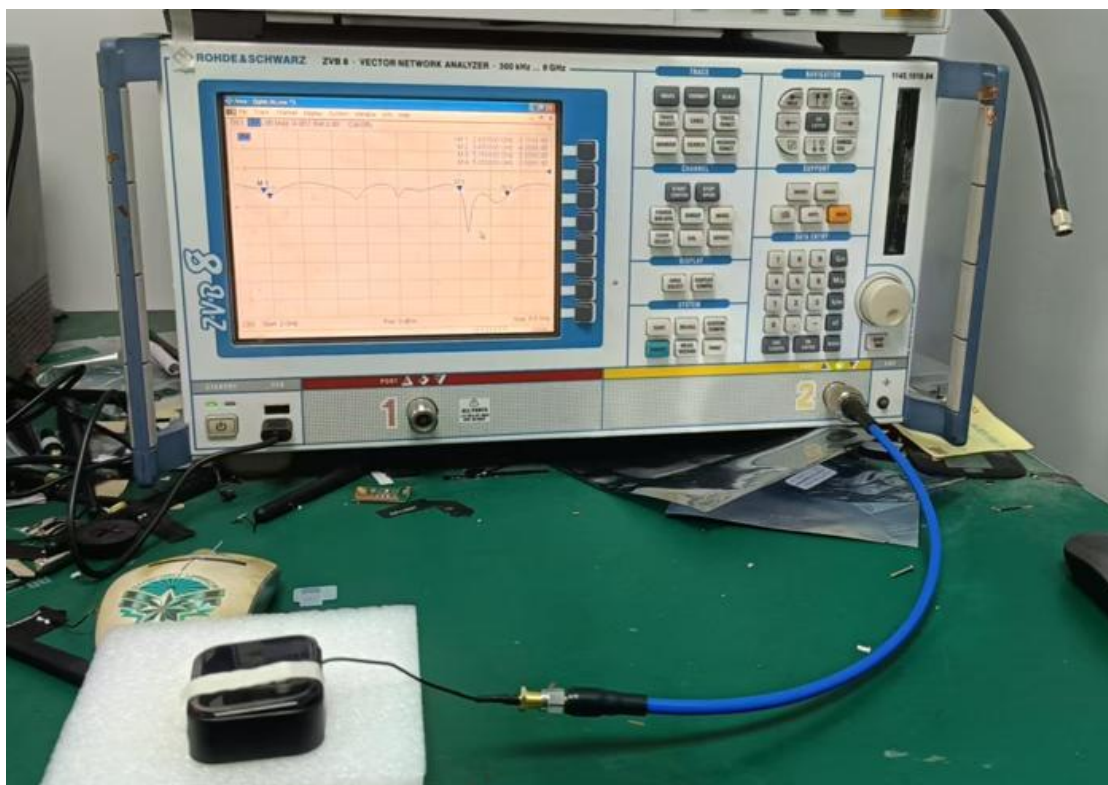
Note: The peripheral component values specified in the RF chip reference design should be used in accordance with the manufacturer's reference design; the aforementioned antenna matching components are independent and cannot be interchanged.

II Sparameter testing

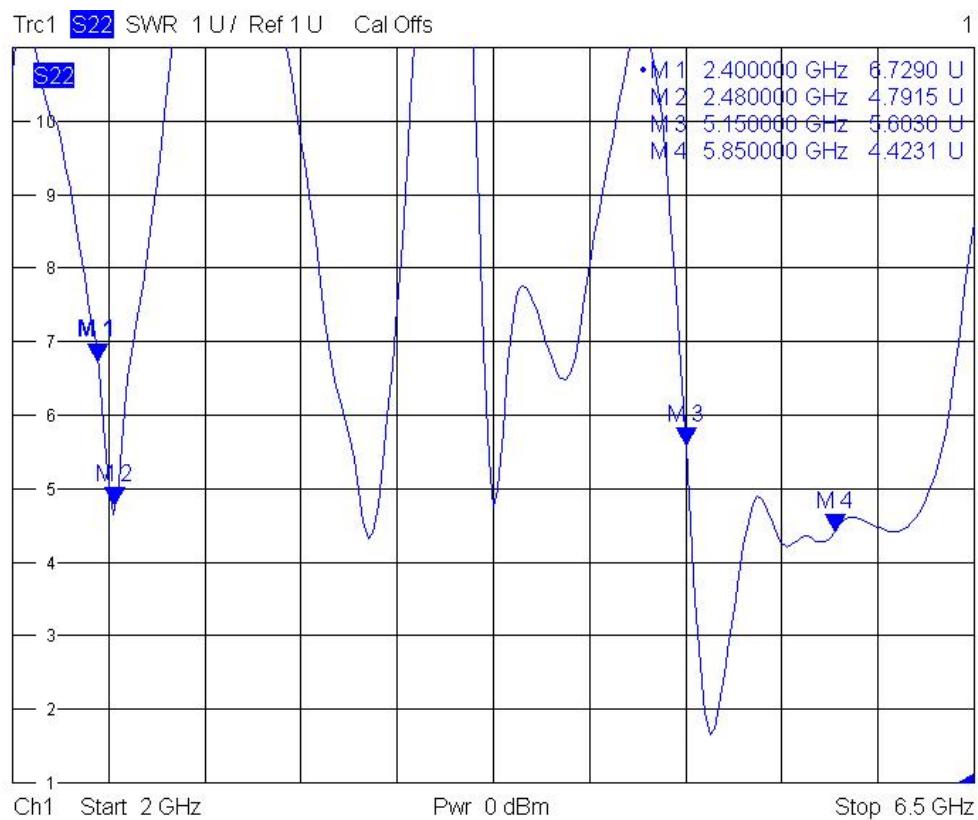


Model: E5062A, ZVB8, N9020A

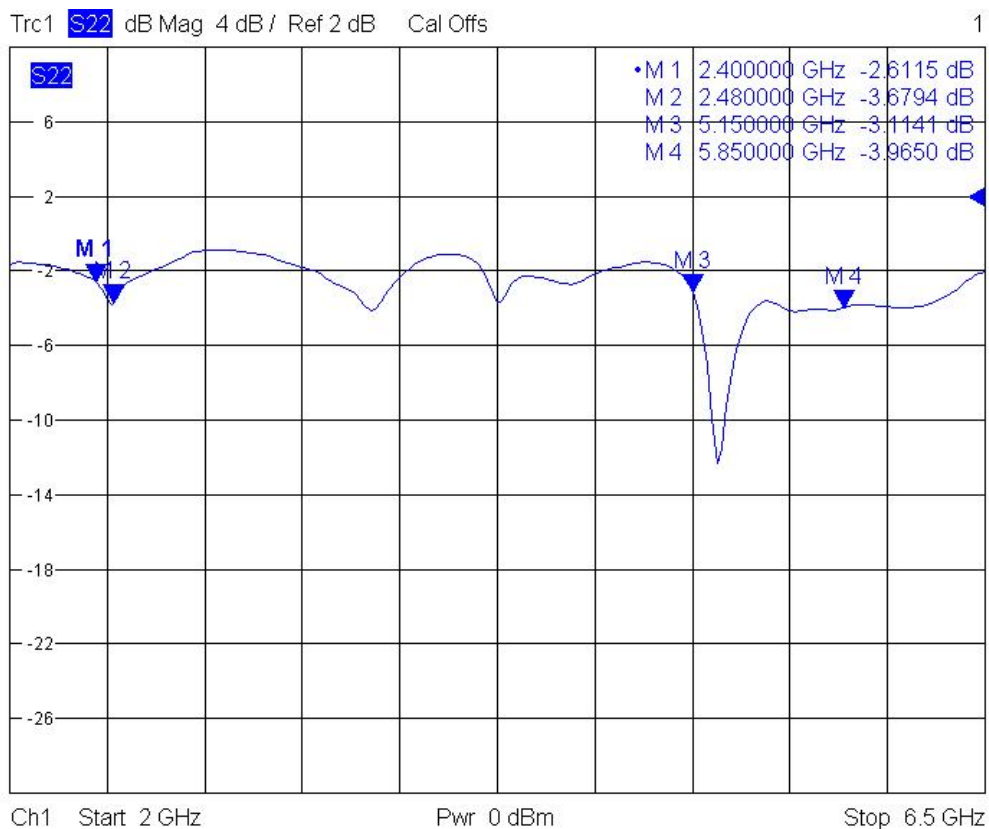
Full-system testing environment



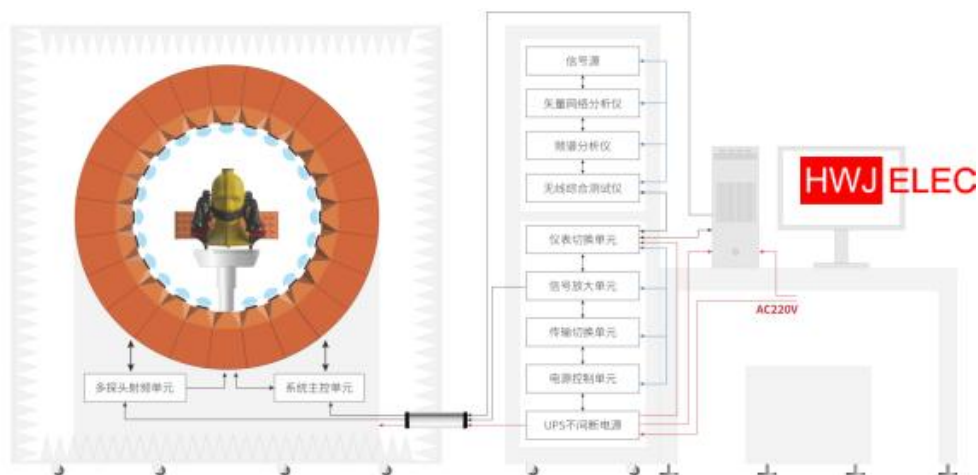
antenna standing wave ratio



return loss

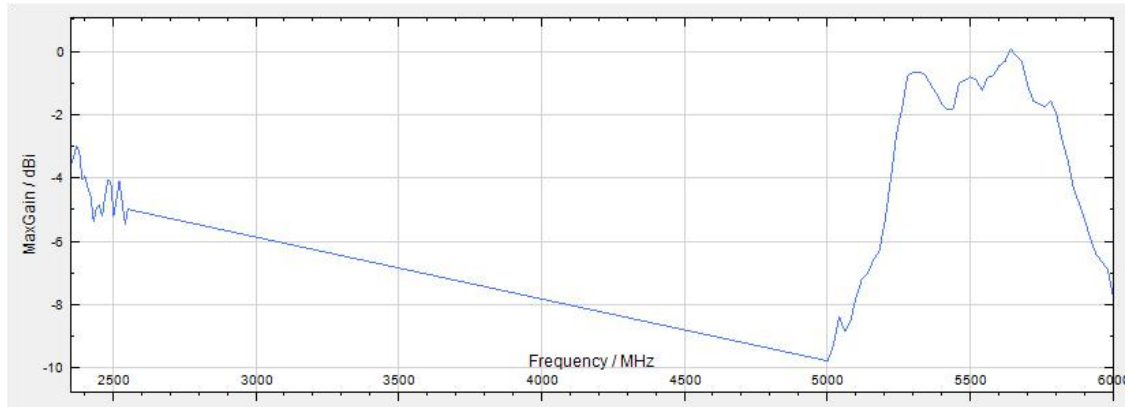


III 3D Microwave Anechoic Chamber Test

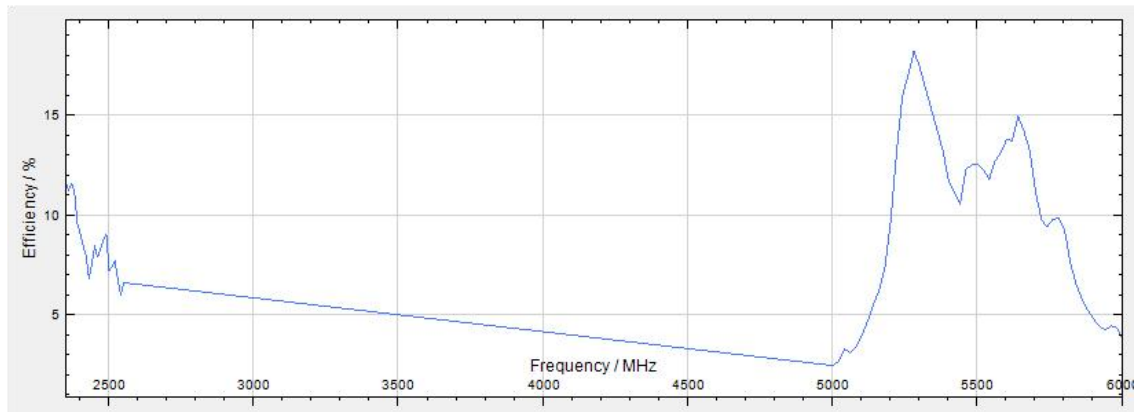


Equipment models: ATS-200, E5071C, CMW500

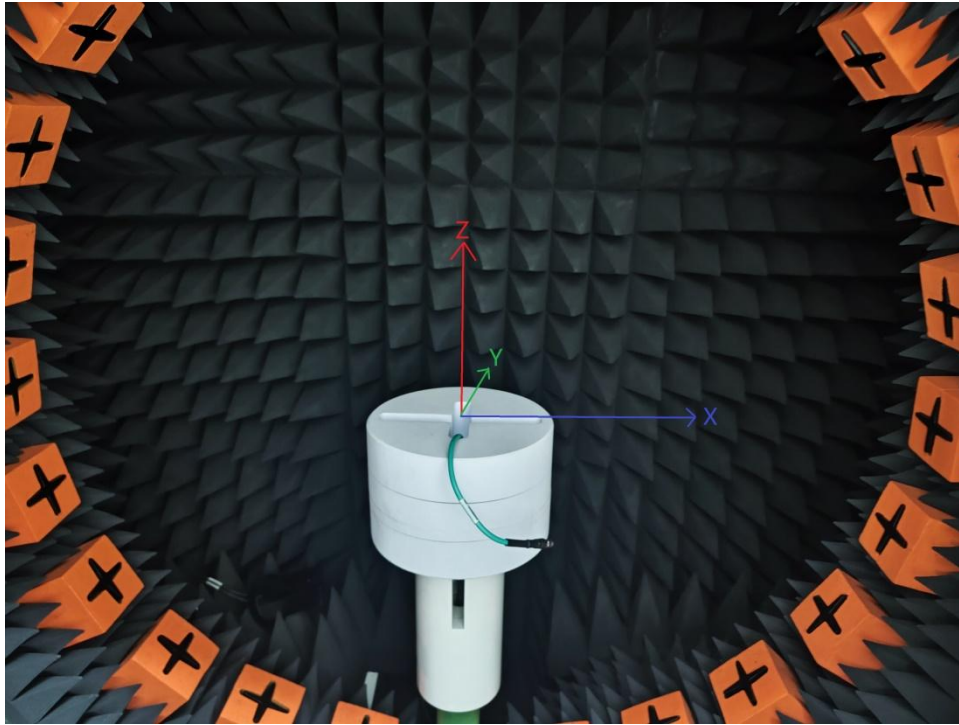
Antenna gain plot



Antenna efficiency plot



Darkroom Orientation Diagram

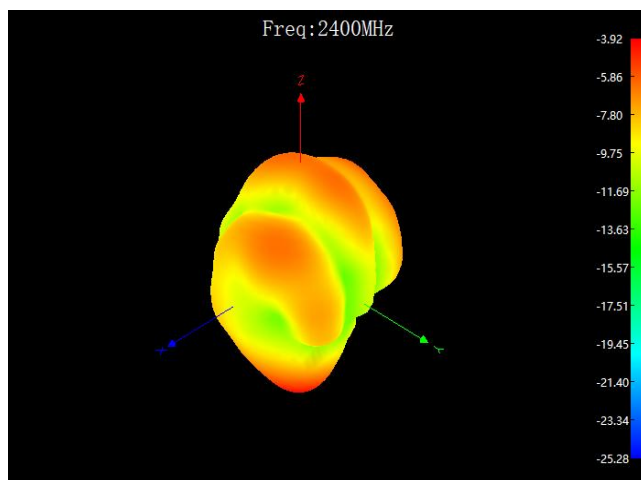
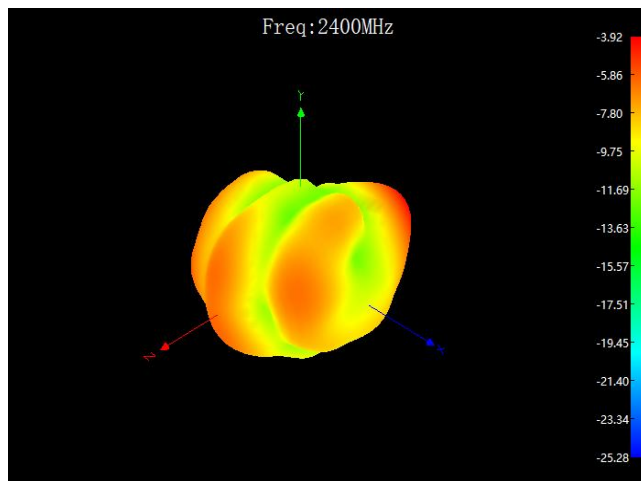
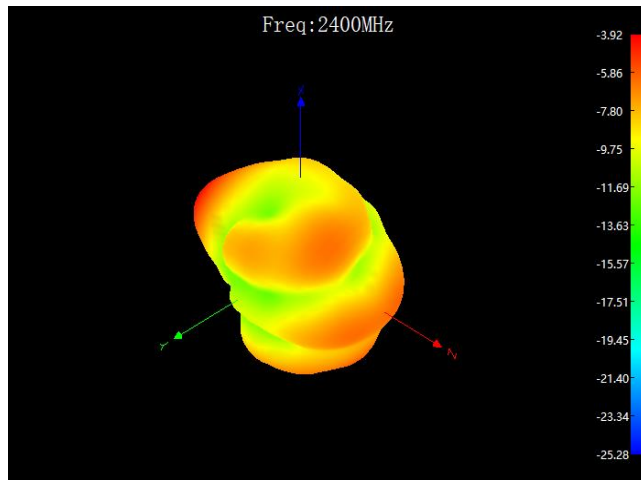


Product Darkroom Testing Environment Diagram

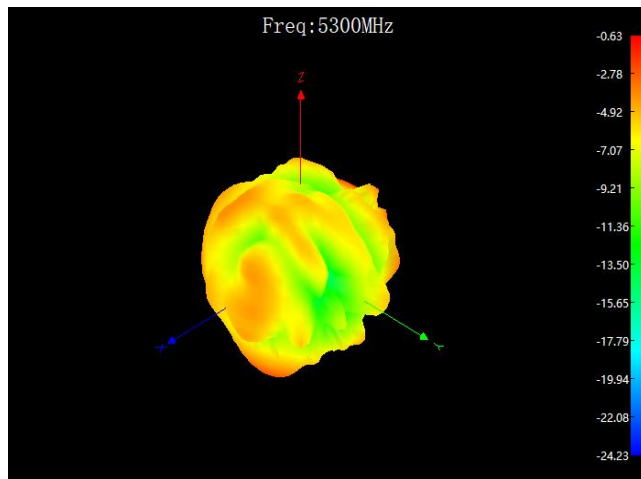
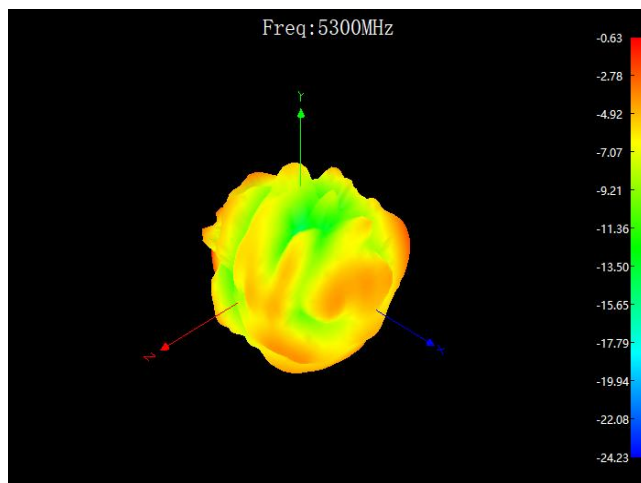
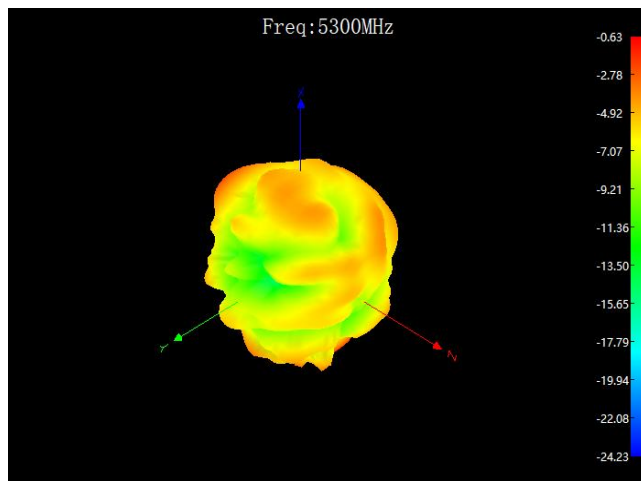


3D radiation pattern

2400 MHz



5300 MHz



Antenna Size Diagram

