



Antenna Performance Description

Applicant: Xiaomi Communications Co., Ltd

Product description: Mobile Phone

Model Name: P19A

Test date: 2025/4/13



1. Antenna information

Antenna	Pattern	Antenna Type	Manufacturer	Test party of Antenna gain
ANT9	Metal Frame	PIFA Antenna	Luxshare-ict	No. 277, Baisheng Road, Jinxi Town, Kunshan City, Suzhou City, Jiangsu Province



2. Test data

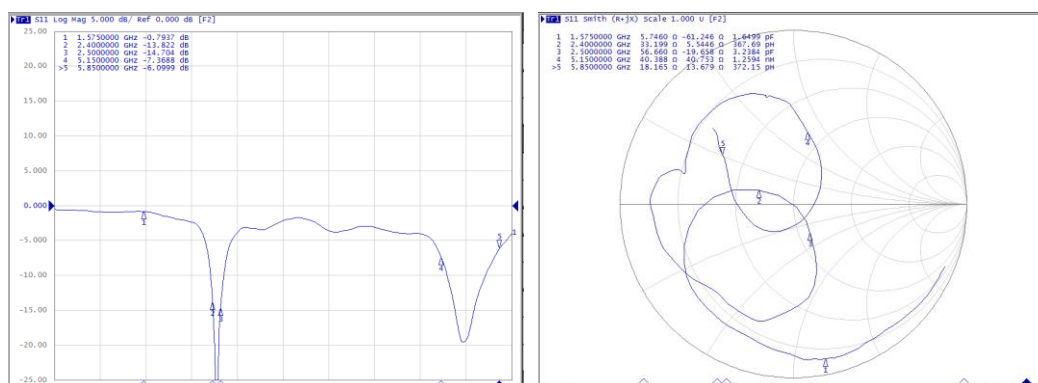
Bands for Antenna 9	ANT9	
	Avg.Effi.(dB)	Peak gain(dBi)
WIFI 2.4G/BT	-5.3	0.38
5.15~5.25 GHz	-5.8	-3.0
5.25~5.35 GHz	-4.8	-2.9
5.47~5.725 GHz	-3.9	-2.3
5.725~5.85 GHz	-4.5	-1.8

S 参数

ANT9

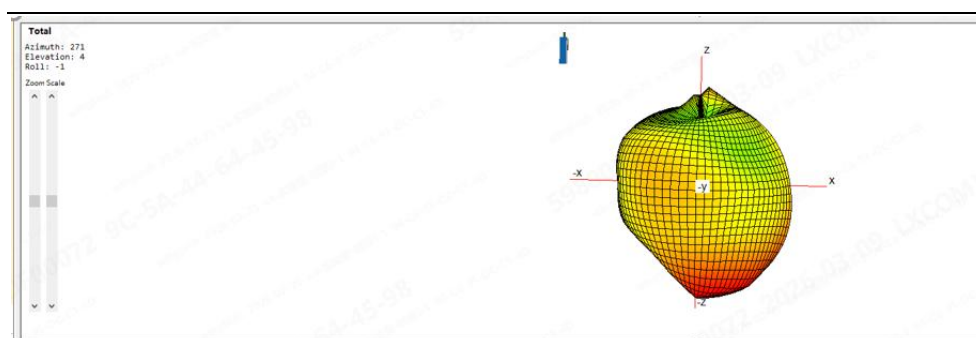
WIFI 2.4G/WIFI 5G/BT

S11&SMITH

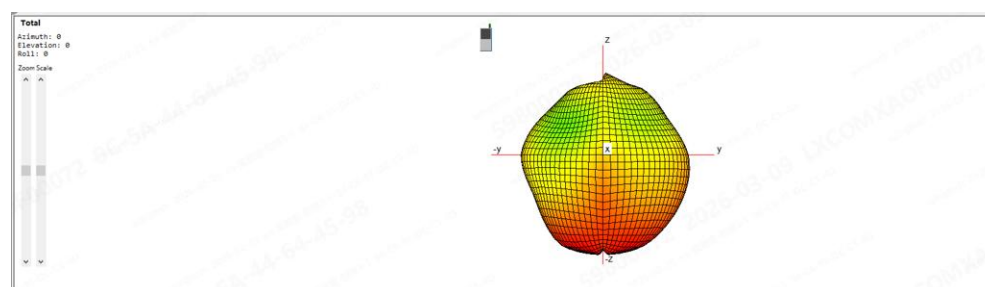


Peak gain

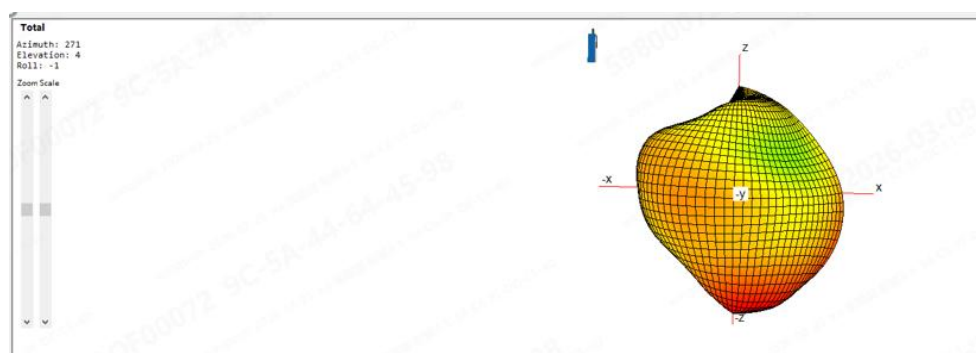
2.4GHZ



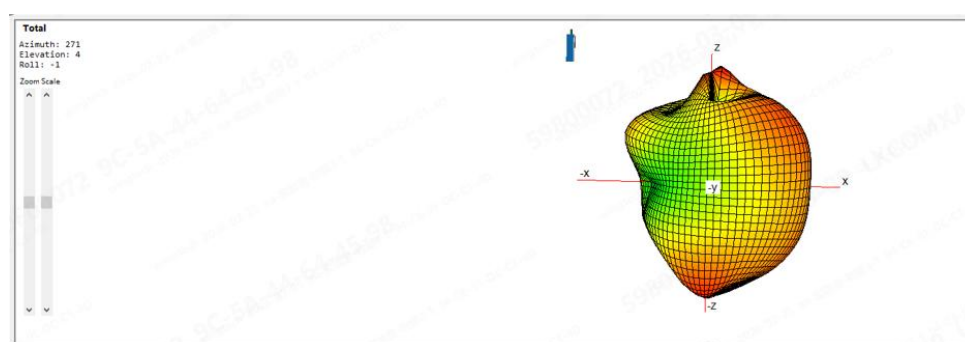
2.45GHZ



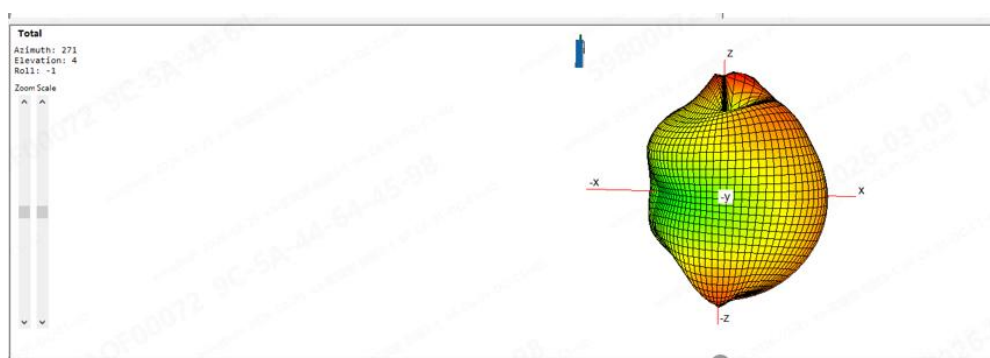
2.5GHZ



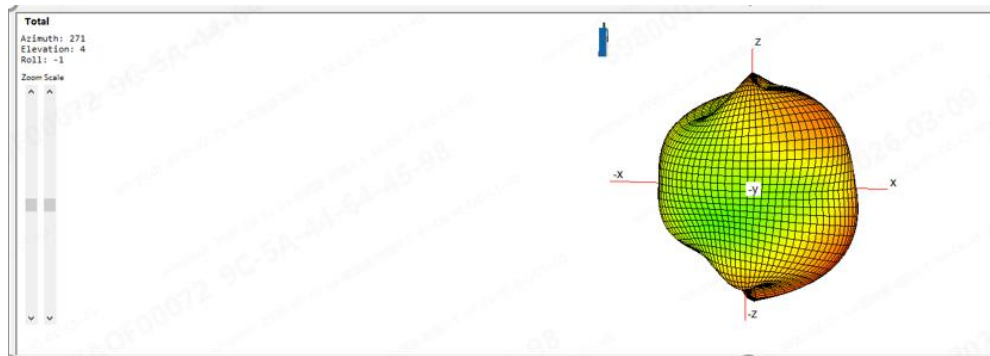
5.16GHZ



5.4GHZ



5.85GHZ



Peak gain

3. Main Test Instruments

Name	Manufacturer	Model name	Serial Number	Software	Cal., Date	Due date
E5071C	KEYSIGHT	E5071C	EQ60215	Network Analyzer 13.10	2026-4-9	2027-4-8



4. Test Site

ShangHai

Signature: Leo Huang

End of Test Report