



Antenna Performance Description

Applicant: Xiaomi Communications Co., Ltd



1. Antenna information

Antenna	Model Name	Antenna Pattern	Antenna Type	Manufacturer	Test party of Antenna gain
ANT8	P16	MDA	IFA Antenna	AAC Technologies	AAC Technologies
ANT9	P16	MDA	LOOP Antenna	AAC Technologies	AAC Technologies
NFC-ANT	P16	Ferrite+ FPC	LOOP Antenna	Shanghai Deman Electronics Technology Co.,Ltd. Kun Shan Innwave Communication Technology Co., Ltd.	Shanghai Deman Electronics Technology Co.,Ltd. Kun Shan Innwave Communication Technology Co., Ltd.

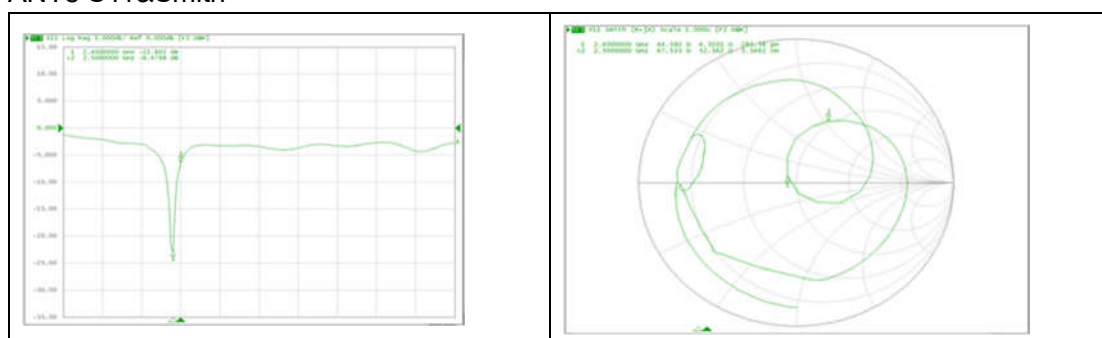


2、Test data

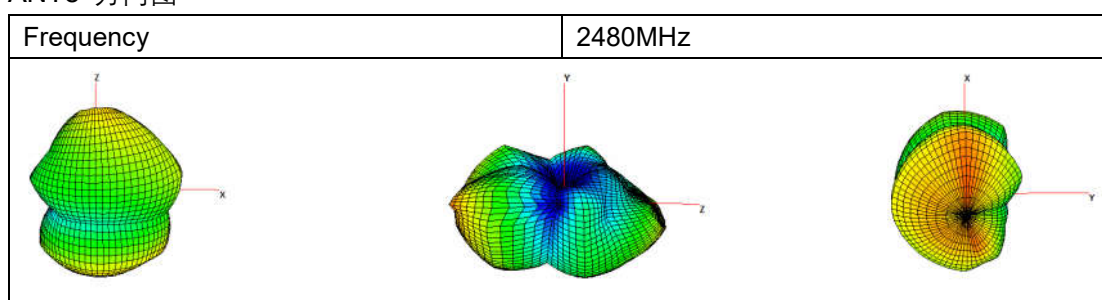
ANT8

Frequency	\	Peak Gain
Wlan2.4G(2.4-2.5GHz)	\	1

ANT8 S11&Smith



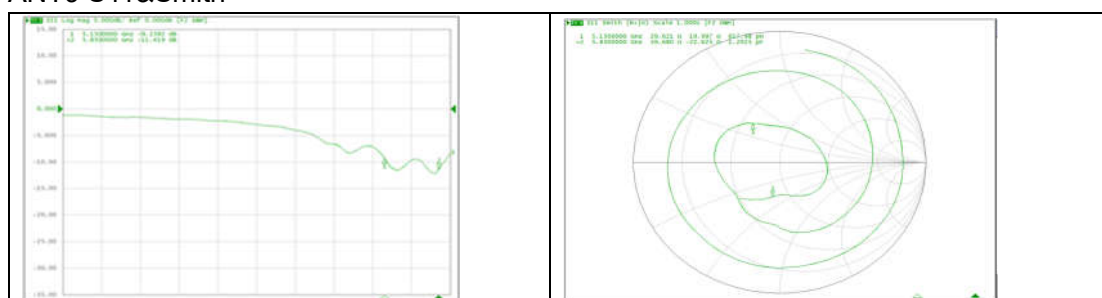
ANT8 方向图



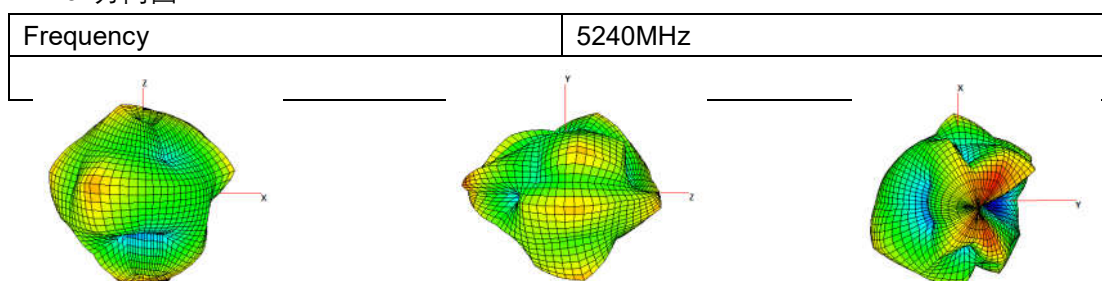
ANT9

Frequency	\	Peak Gain
5.15~5.25 GHz	\	-0.1
5.25~5.35 GHz	\	0.02
5.47~5.725 GHz	\	-1.4
5.725~5.85 GHz	\	-0.5

ANT9 S11&Smith



ANT9 方向图

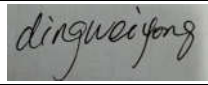
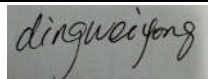




Frequency	5260MHz
Frequency	5700MHz
Frequency	5480MHz
Frequency	5840MHz

3、 Main Test Instruments



Name	Manufacturer	Serial Number	Cal., Date	Exp., Date	Test Engineer
E5071C	KEYSIGHT	MY46525609	2025-5-15	2025-11-14	
CMW500	Rohde-Schwarz	155159	2025-5-20	2025-11-19	

4、 Name of the test software

Satimo Wavestudio 2.0

5、 Test Site

AAC_ChangZhou_SG24

End of Test Report