



Antenna Performance Description

Applicant: Xiaomi Communications Co., Ltd

Project: 25057RN09G

Test date: 2025/04/29

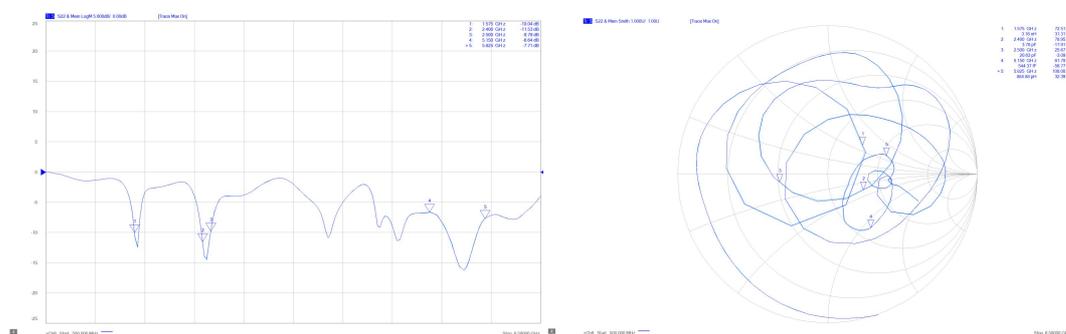


1. Antenna information

Antenna	Pattern	Antenna Type	Manufacturer	Address
GPS/WIFI/BT	FPC	PIFA Antenna	AAC Technologies Holdings Inc.	AAC Technology Building, NO.18. , Xinxi Road, North Hi-Tech Industrial Park, Nanshan District, Shenzhen, P.R. China 518057
NFC Antenna	FPC	FPC+Ferrite	KunShan Innwave Communication Technology	Building H, No. 55, Shengchuang Road, Yushan Town, Kunshan City, Jiangsu Province

2. Test data

Band for Antenna 3	Combo ant	
	Effi.(dB)	peak gain(dBi)
2.4G	-5.6	0.92
5G (5.15-5.25GHz)	-5.3	-0.19
5G (5.25-5.35GHz)	-4.5	-0.04
5G (5.47-5.725GHz)	-5.2	0.62
5G (5.725-5.85GHz)	-5.5	0.43
Bluetooth	-5.6	0.92

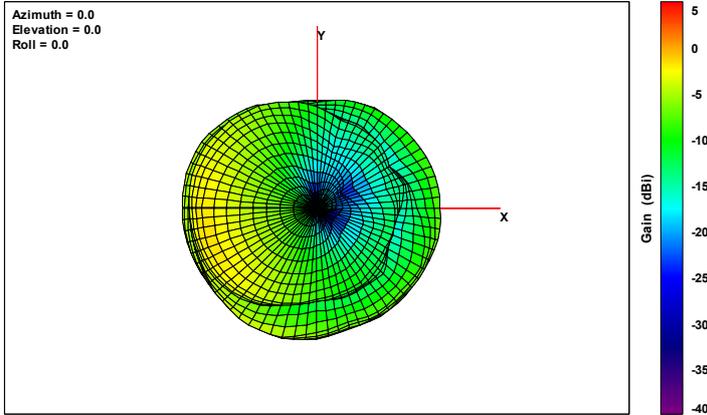




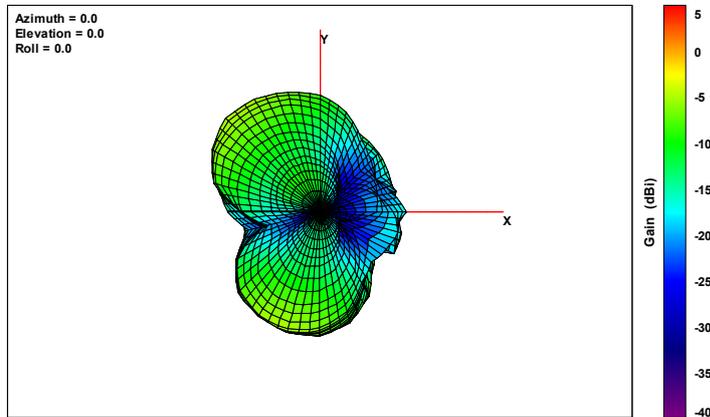
Frequency

2450MHz

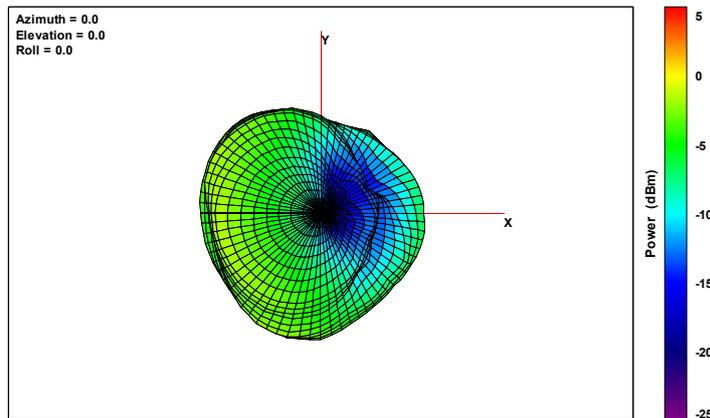
Theta Log Magnitude



Phi Log Magnitude



Total Power

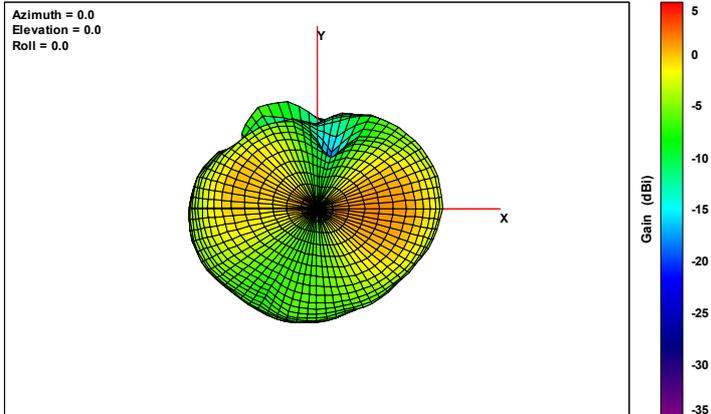




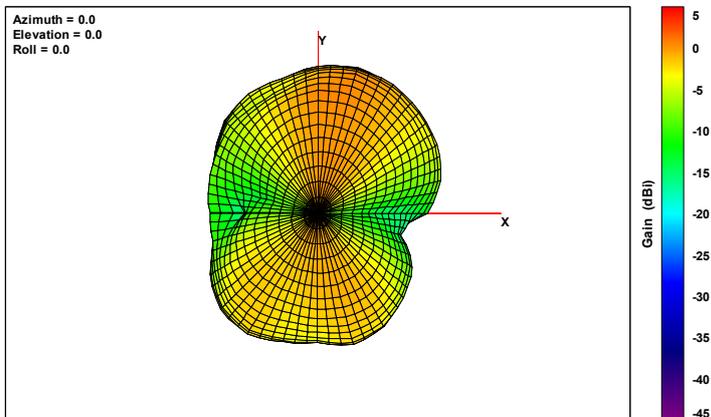
Frequency

5G

Theta Log Magnitude



Phi Log Magnitude



Total Power

