



Antenna Performance Description

Applicant: Xiaomi Communications Co., Ltd

Antenna Model: O19 Antenna

Test date: 2025/04/19



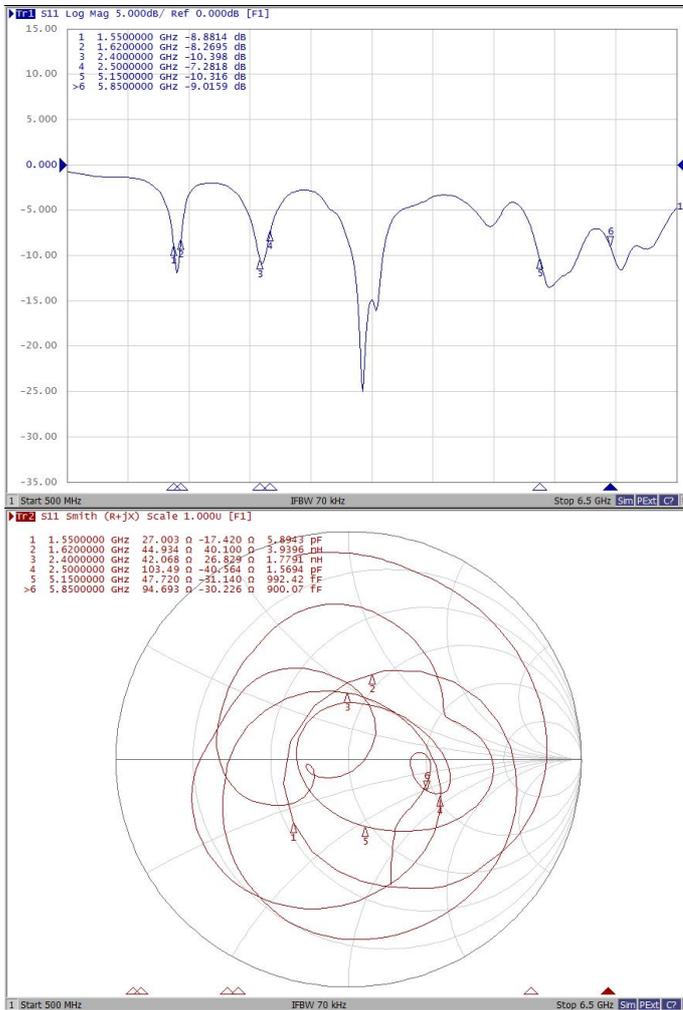
1. Antenna information

Antenna	Pattern	Antenna Type	Manufacturer	Address	Test party of Antenna gain
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	Kunshan Innowave Communication Technology Co., Ltd.
NFC	FPC	FPC+Ferrite	KunShan Innowave Communication Technology	Building H, No. 55, Shengchuang Road, Yushan Town, Kunshan City, Jiangsu Province	N/A



2. Test data

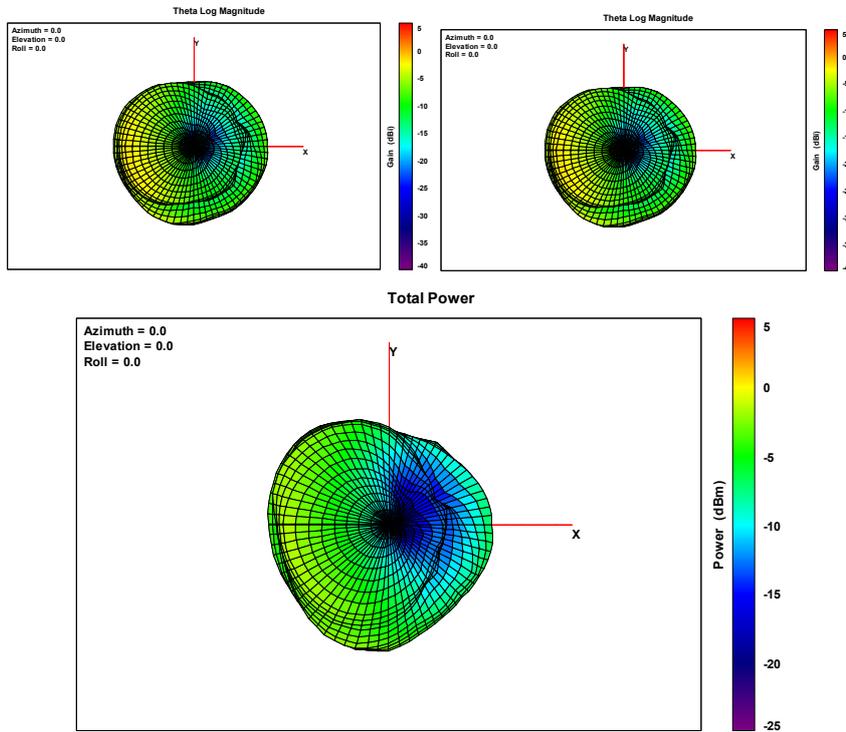
Band for Antenna 3	Combo ant	
	Effi.(dBi)	peak gain(dBi)
2.4G	-5.01	-0.5
5G (5.15-5.25GHz)	-3.47	-1.4
5G (5.25-5.35GHz)	-3.07	-1.6
5G (5.47-5.725GHz)	-3.82	-1.2
5G (5.725-5.85GHz)	-5.34	-1.1
Bluetooth	-5.01	-0.5





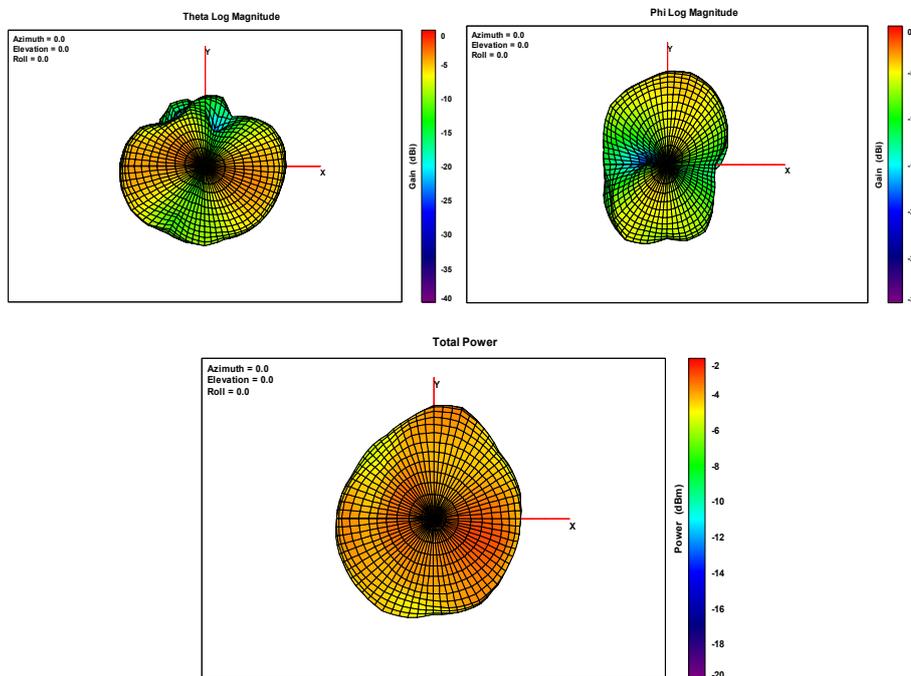
Frequency

2450MHz



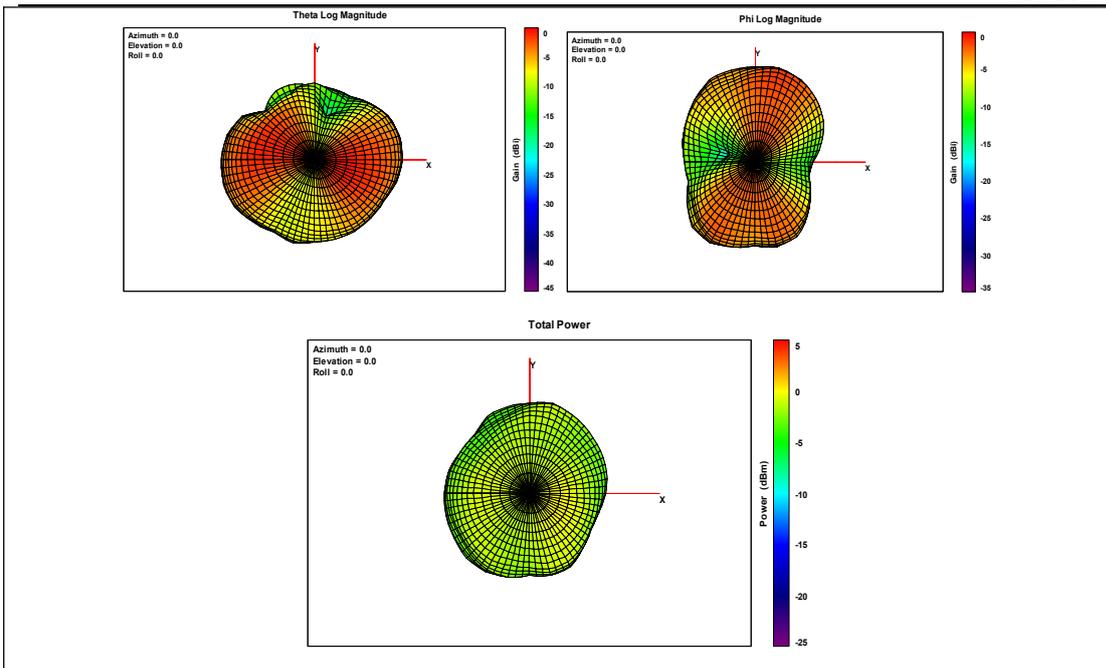
Frequency

5150MHz



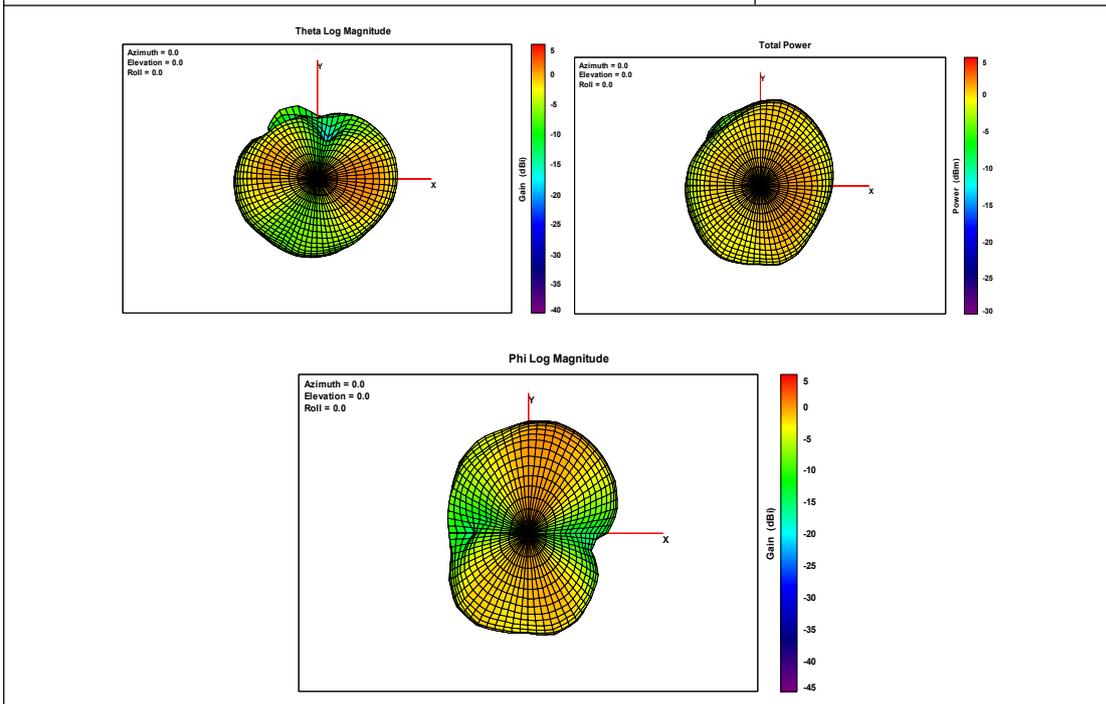
Frequency

5255MHz



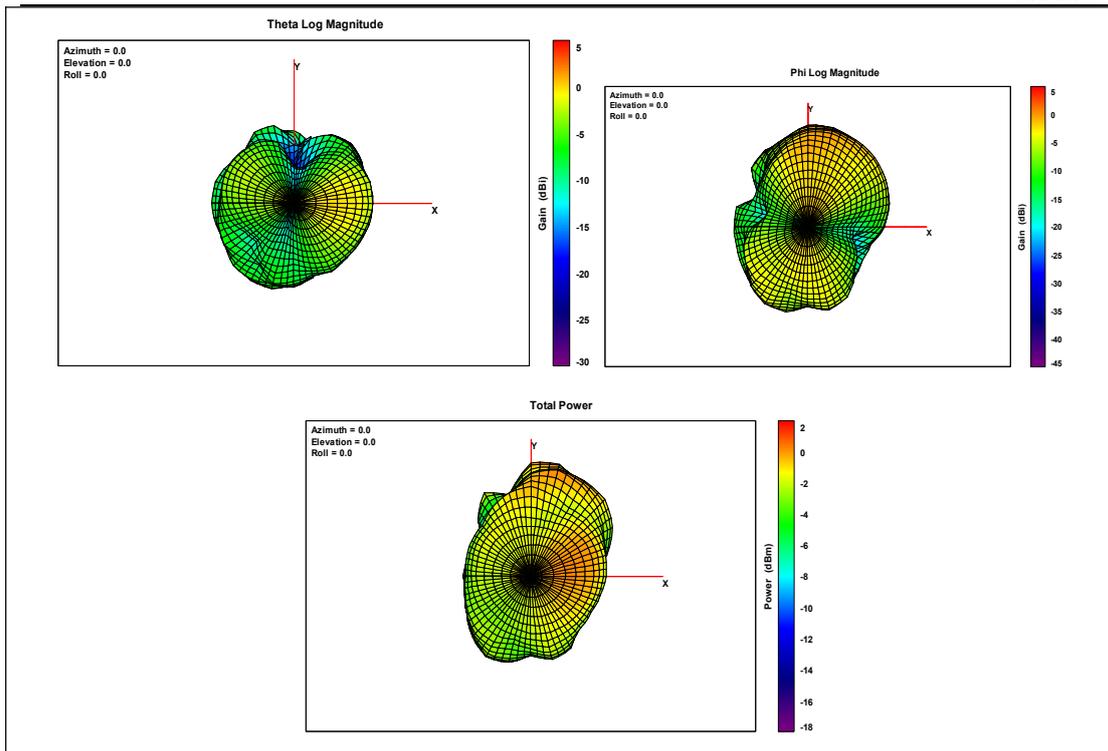
Frequency

5480MHz



Frequency

5735MHz



3. Main Test Instruments

Name	Manufacturer	Model name	Serial Number	Software	Cal., Date	Exp., Date
E5071C	KEYSIGHT	E5071C	EQ60215	Network Analyzer 13.10	2025-4-9	2026-4-9

4. Test Site

Shanghai



Signature: Leo Huang

End of Test Report