



Antenna Performance Description

Applicant: Xiaomi Communications Co., Ltd

Antenna Model: O19 Antenna

Test date: 2025/04/19



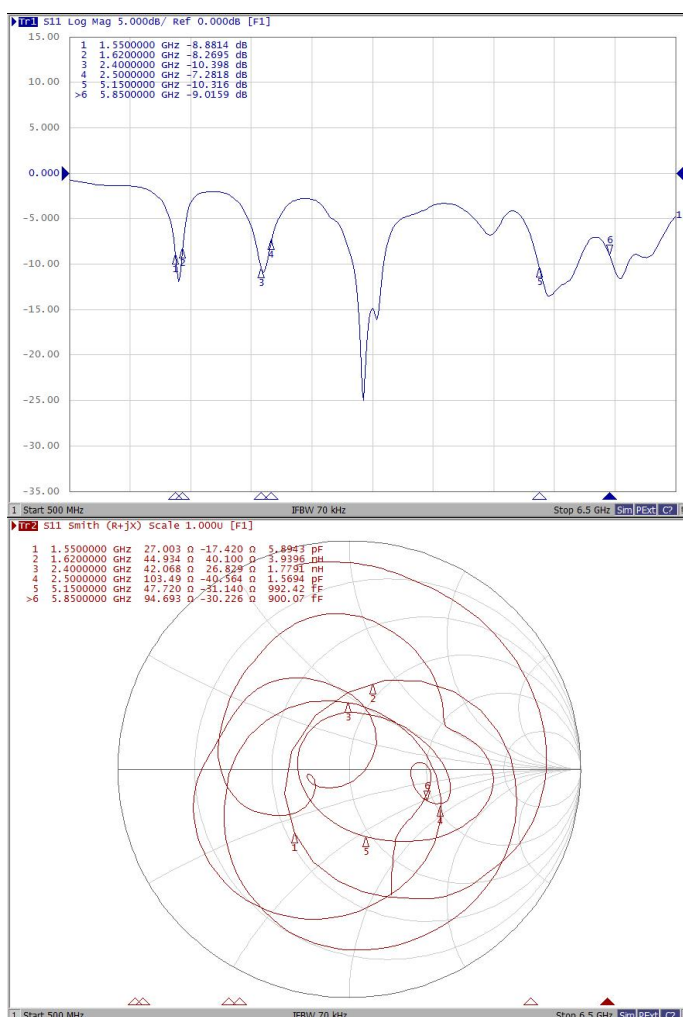
1. Antenna information

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

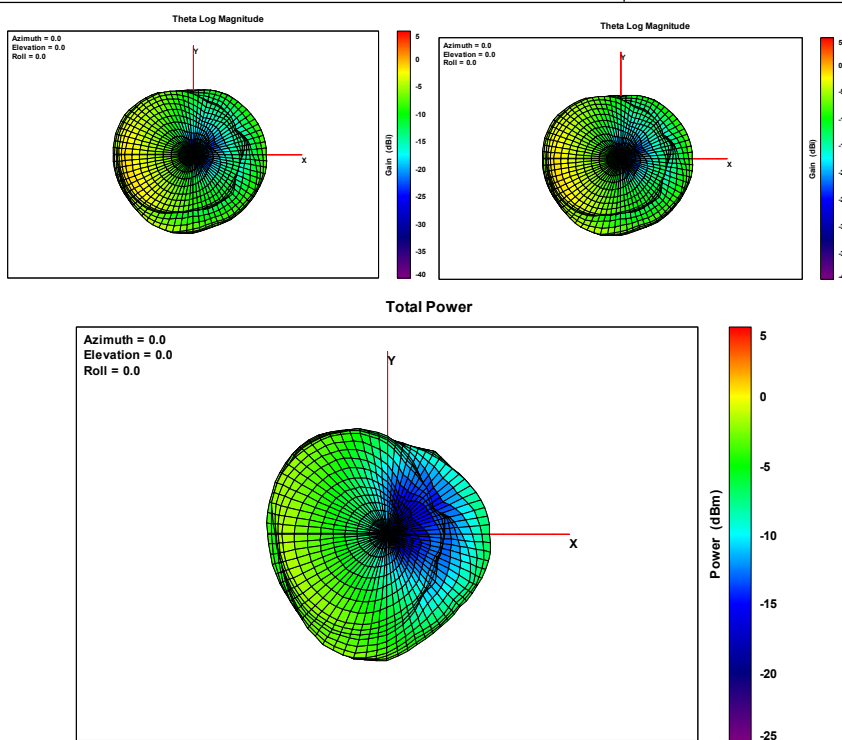
Band for Antenna 3	Combo ant	
	Effi.(dBi)	peak gain(dBi)
2.4G	-5.01	-0.5
5G (5.15-5.25GHz)	-3.47	-1.4
5G (5.25-5.35GHz)	-3.07	-1.6
5G (5.47-5.725GHz)	-3.82	-1.2
5G (5.725-5.85GHz)	-5.34	-1.1
Bluetooth	-5.01	-0.5





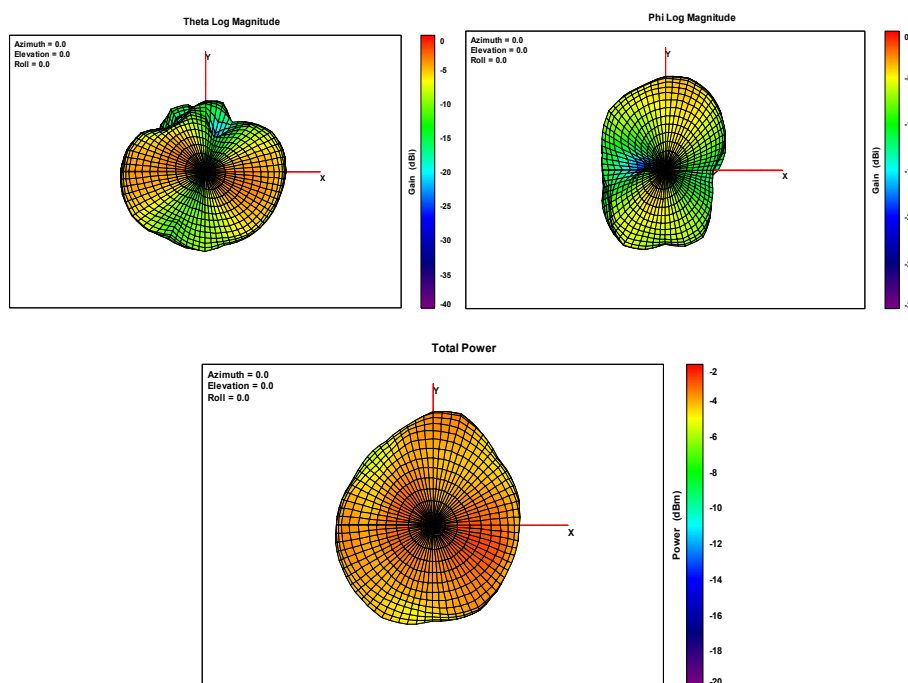
Frequency

2450MHz



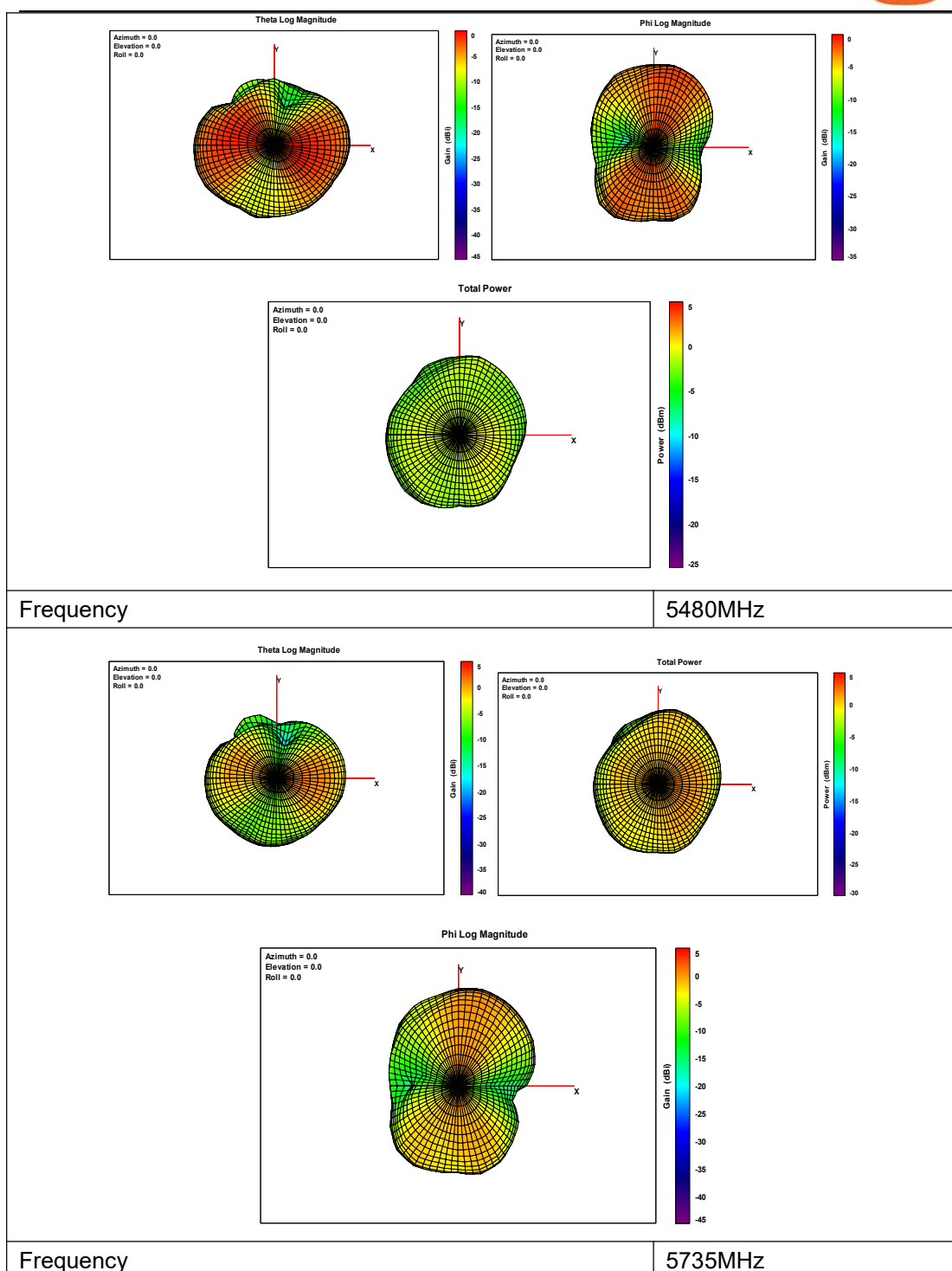
Frequency

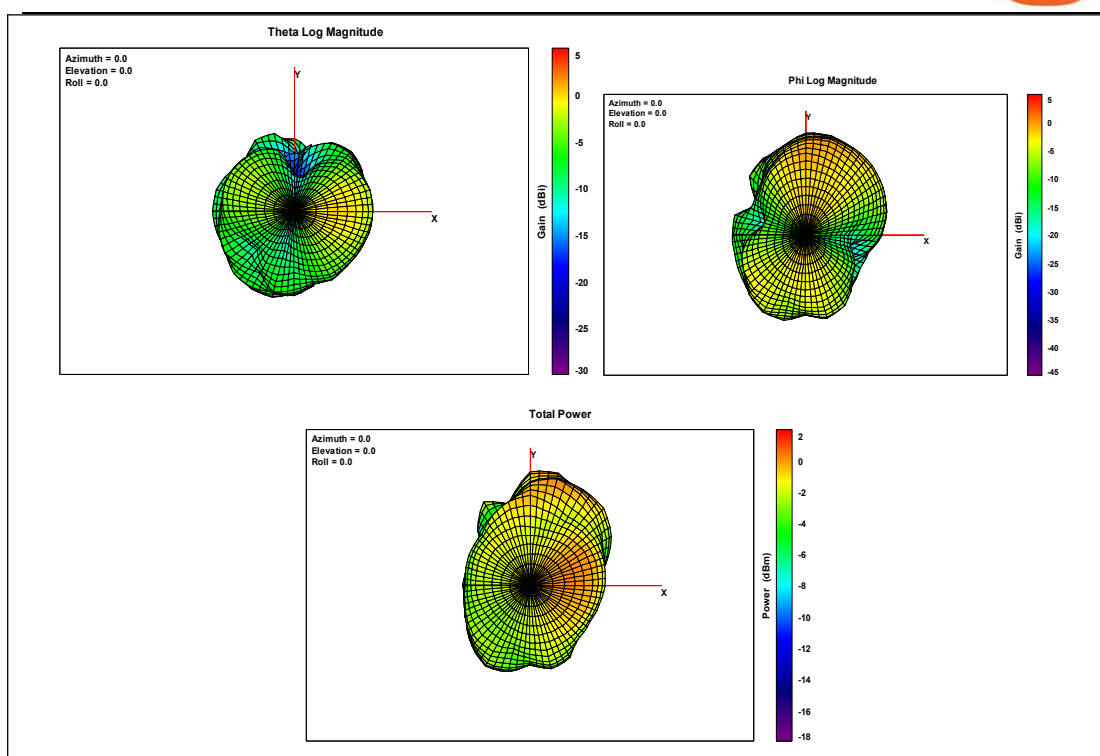
5150MHz



Frequency

5255MHz





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