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## Antenna Performance Description

**Applicant:** Xiaomi Communications Co., Ltd

**Antenna Model:** O19 Antenna

**Test date:** 2025/04/09

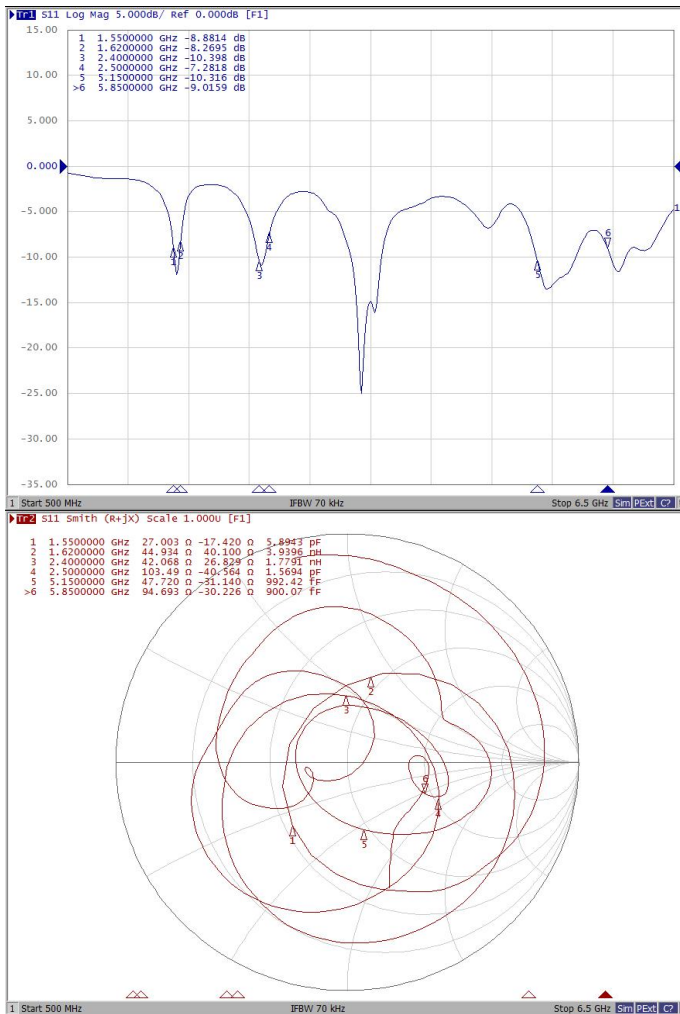


## 1. Antenna information

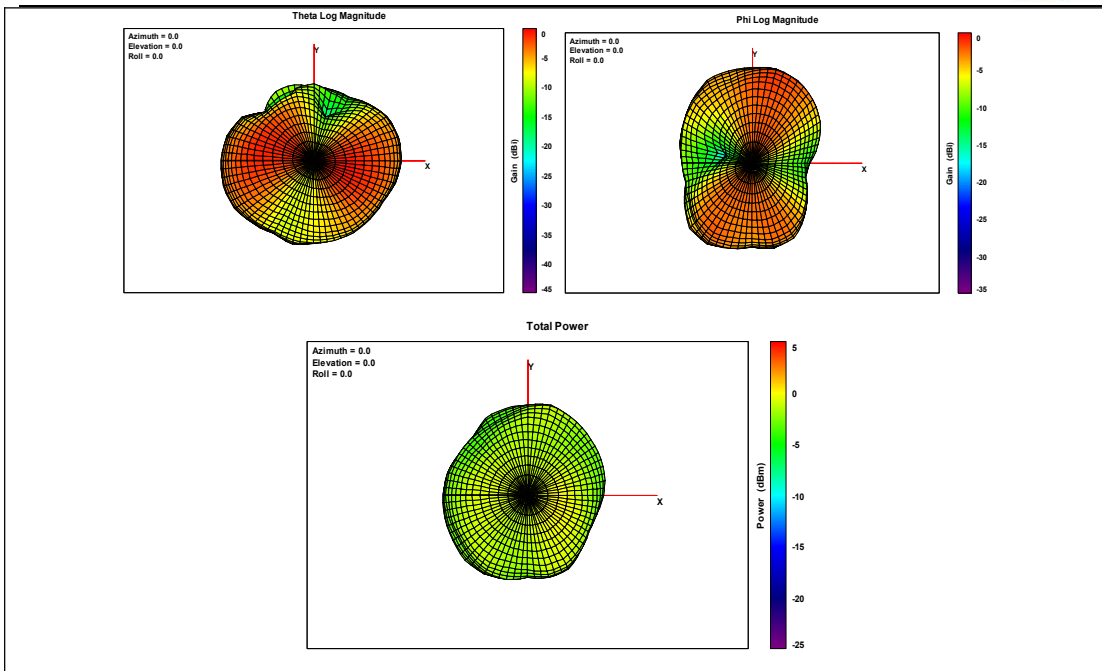
Antenna	Pattern	Antenna Type	Manufacturer	Address	Test party of Antenna gain
GPS/WIFI/BT	FPC	PIFA Antenna	AAC Technologies Holdings Inc.	AAC Technology Building, NO.18. , Xixi Road, North Hi-Tech Industrial Park, Nanshan District, Shenzhen, P.R. China 518057	Kunshan Innowave Communication Technology Co., Ltd.

## 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

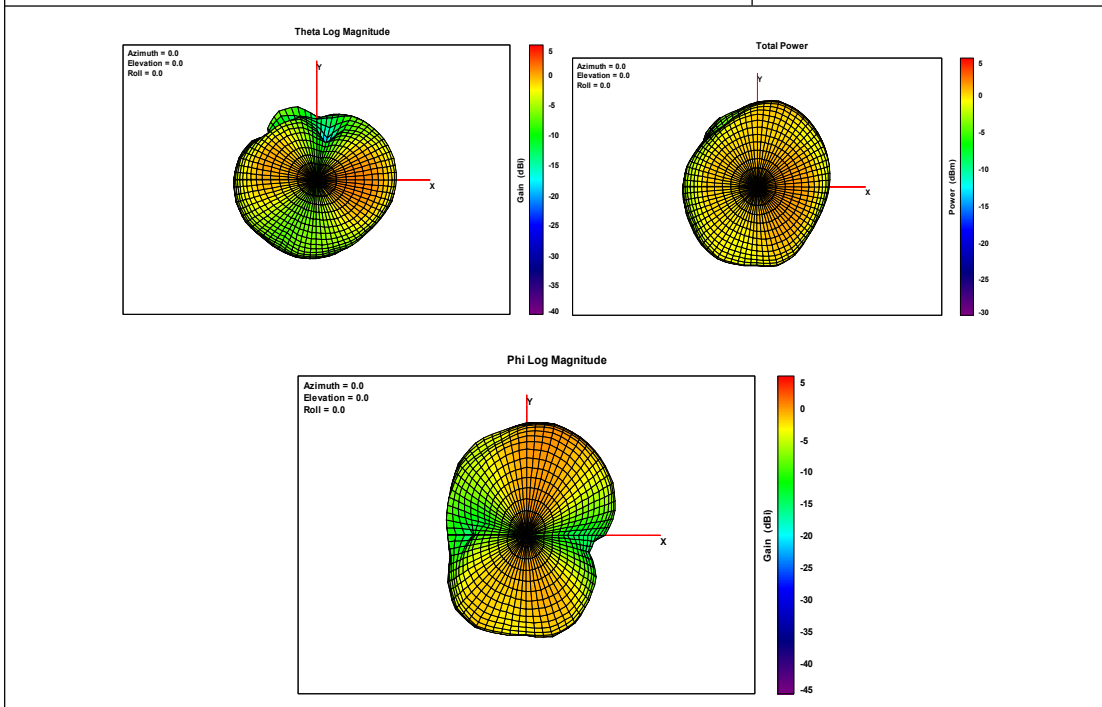






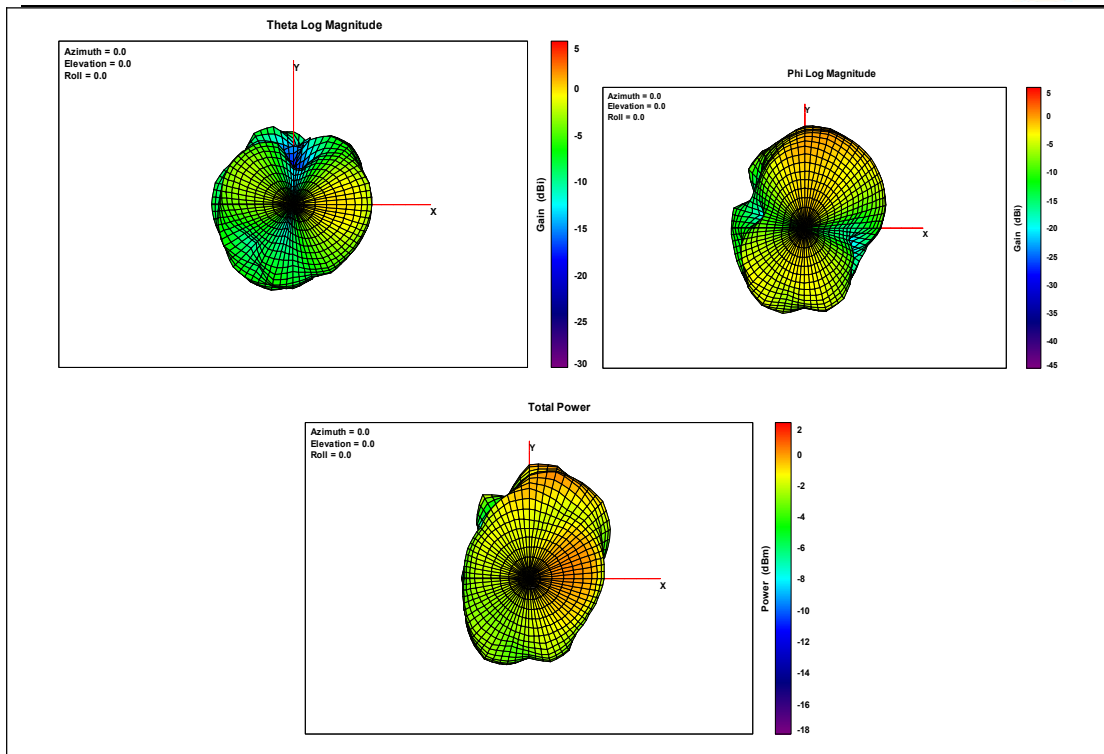
Frequency

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	2025-4-9

### 4. Test Site

Shanghai



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Signature: *Leo Huang*

End of Test Report