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## Antenna Performance Description

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

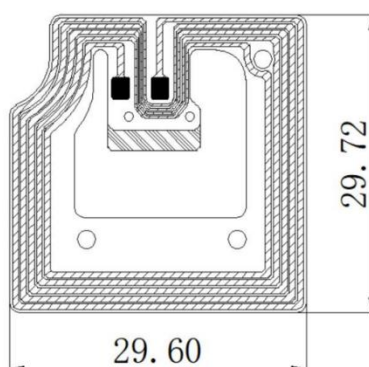
**Antenna Model:** C3V Antenna

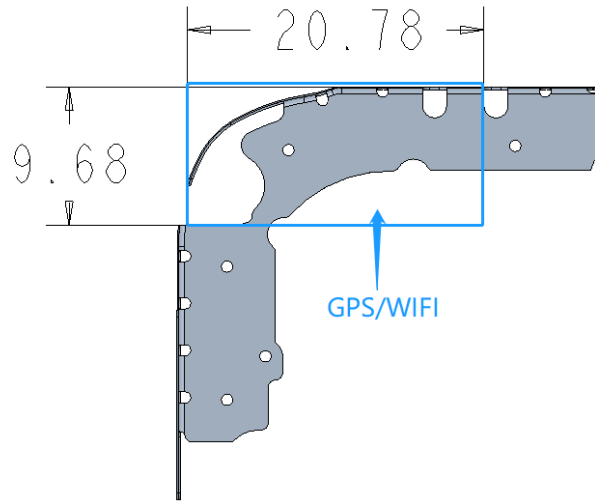
**Test date:** 2023/11/13



## 1. Antenna information

Antenna	Pattern	Antenna Type	Manufacturer	Address	Test party of Antenna gain
GPS/WIFI/BT	FPC	PIFA Antenna	AAC ACOUSTIC TECHNOLOGIES HOLDINGS INC.	AAC Technology Building, NO.18., Xinx Road, North Hi-Tech Industrial Park, Nanshan District, Shenzhen, P.R. China 518057	AAC ACOUSTIC TECHNOLOGIES HOLDINGS INC.
NFC	N/A	FPC (Flexible Printed Circuit) antenna 34.6mm*25.85mm	Shanghai Deman Electronic Technology	Factory No.3, No.1259 Ping An Road zhuanqiao Town, Minhang Industrial Park, Shanghai	N/A



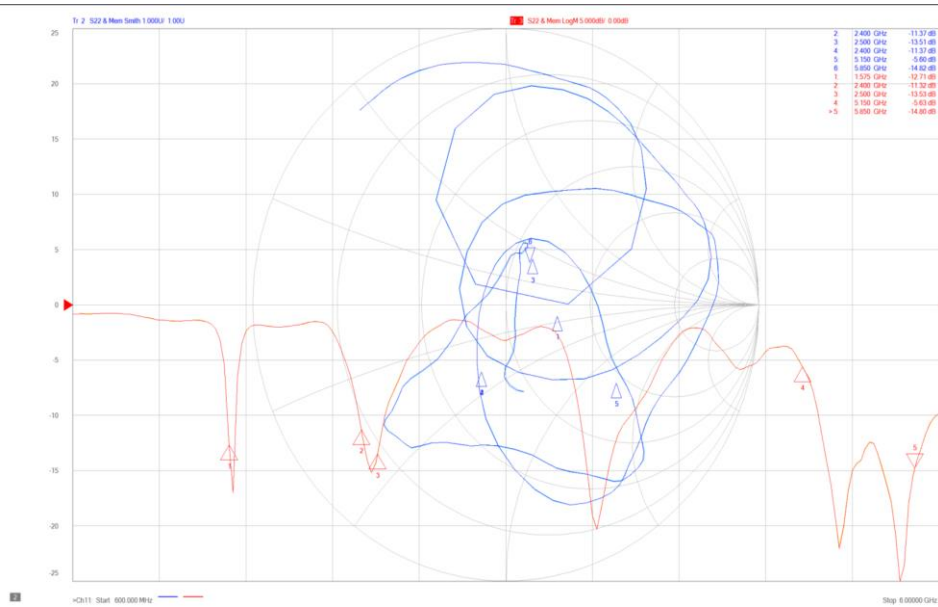




## 2. Test data

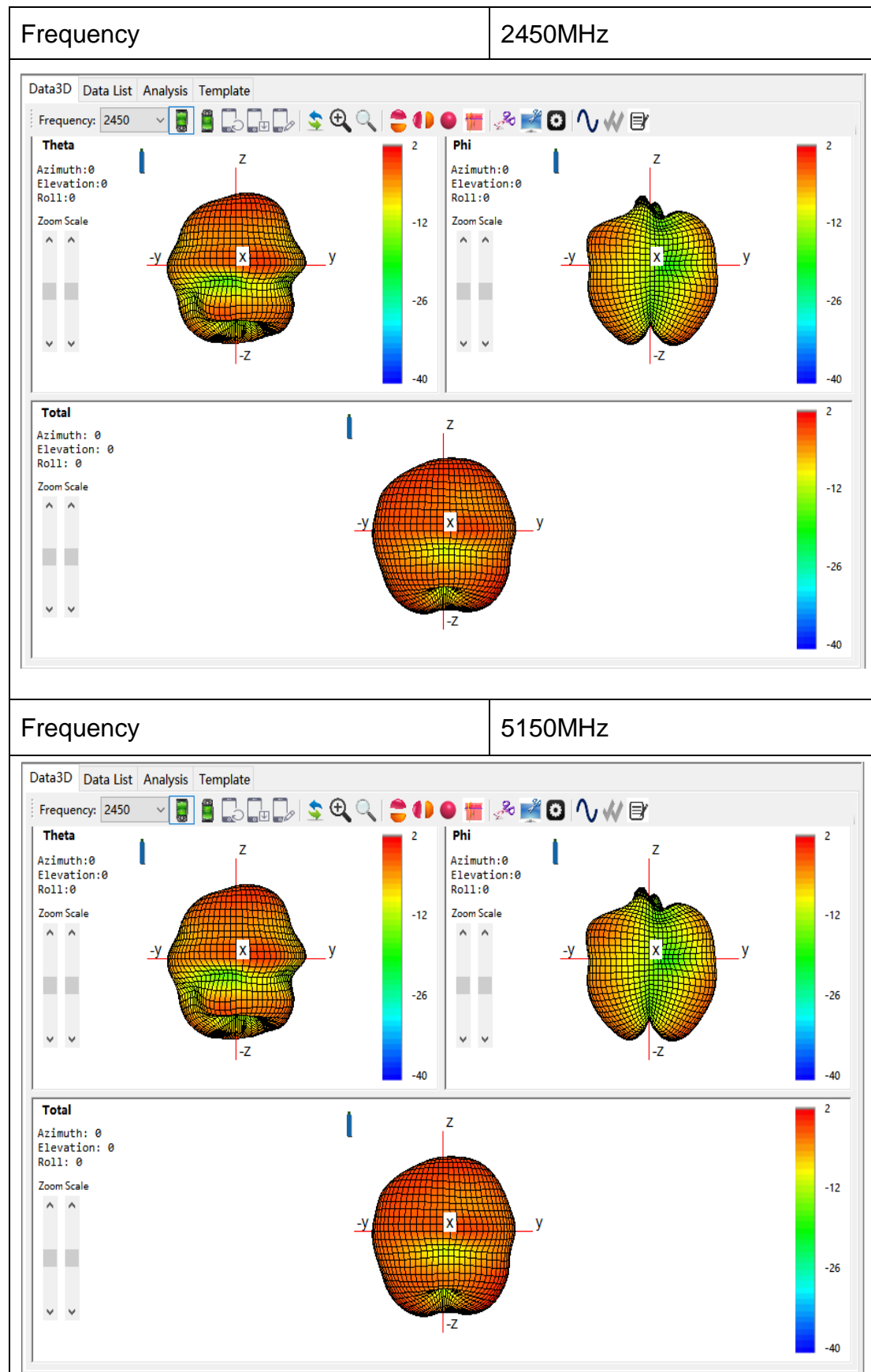
Band for Antenna 6	Combo ant	
	Effi.(dBi)	Peak gain(dBi)
<b>2.4G</b>	-5.01	-1.25
5G (5.15-5.25GHz)	-3.69	-1.11
5G (5.25-5.35GHz)	-4.06	-1.25
5G (5.47-5.725GHz)	-4.56	-1.75
5G (5.725-5.85GHz)	-3.90	-1.44
Bluetooth	-5.01	-1.25

S11:





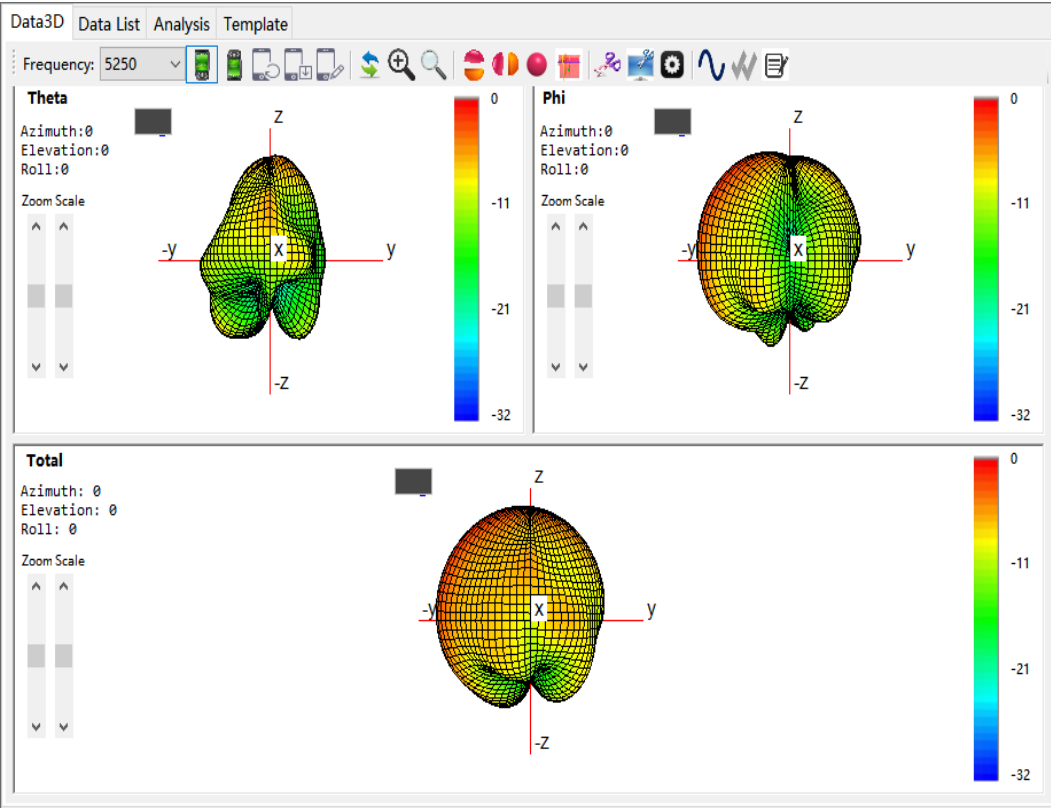
3D:





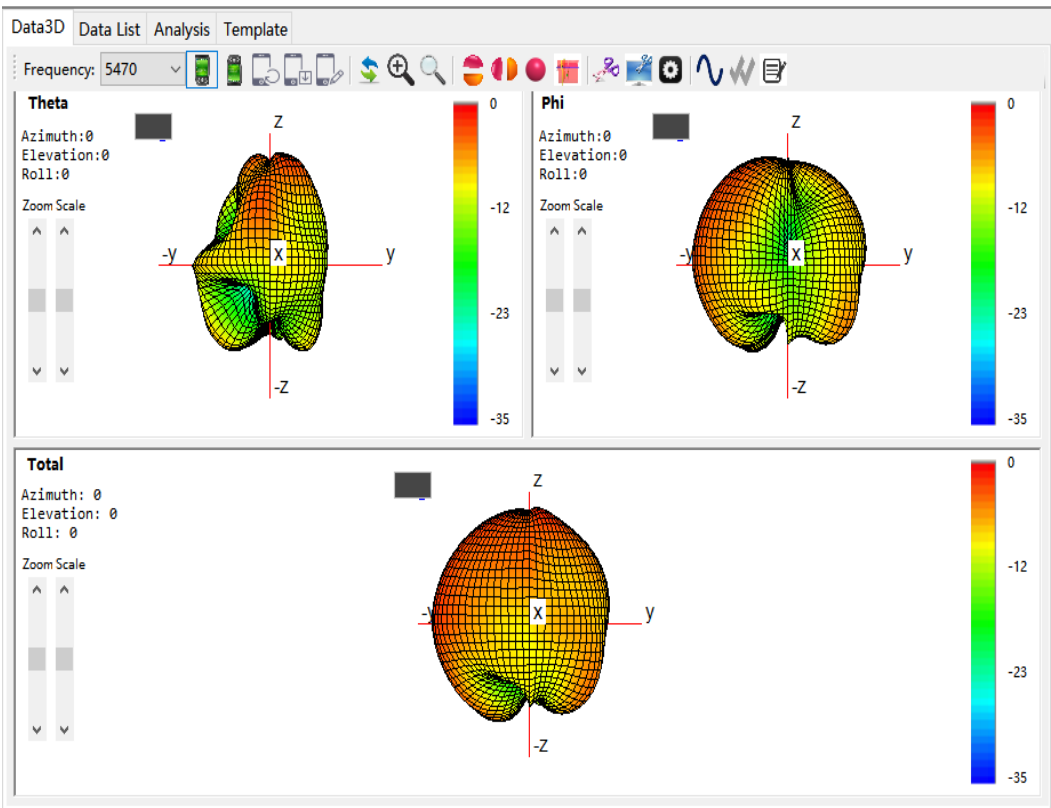
Frequency

5250MHz



Frequency

5470MHz





### 3. Main Test Instruments

Name	Manufacturer	Model name	Serial Number	Software	Cal., Date	Exp., Date
P9371A	KEYSIGHT	P9371A	MY57212591	Network Analyzer	2023-4-7	2024-4-7

## 4. Test Site

Shanghai



End of Test Report