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## Antenna Performance Description

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

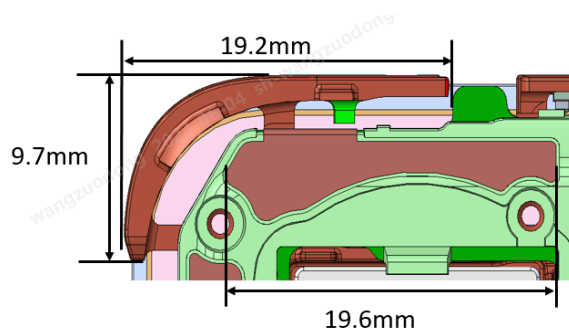
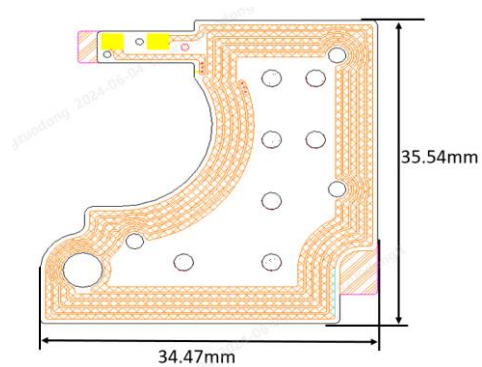
**Antenna Model:** O17 Antenna

**Test date:** 2024/06/20



# 1. Antenna information

Antenna	Pattern	Antenna	Manufacturer	Address	Test party of
GPS/WIFI/BT	MAD+FP C	PIFA Antenna	AAC ACOUSTIC TECHNOLOGIES HOLDINGS INC.	AAC Technology Building, NO.18., Xinxi Road, North Hi-Tech Industrial Park, Nanshan	AAC ACOUSTIC TECHNOLOGIES HOLDINGS INC.
NFC	N/A	FPC (Flexible Printed Circuit) antenna 35.54mm*34.4	Shanghai Deman Electronic Technology	Factory No.3, No.1259 Ping An Road zhuangqiao Town, Minhang Industrial	N/A

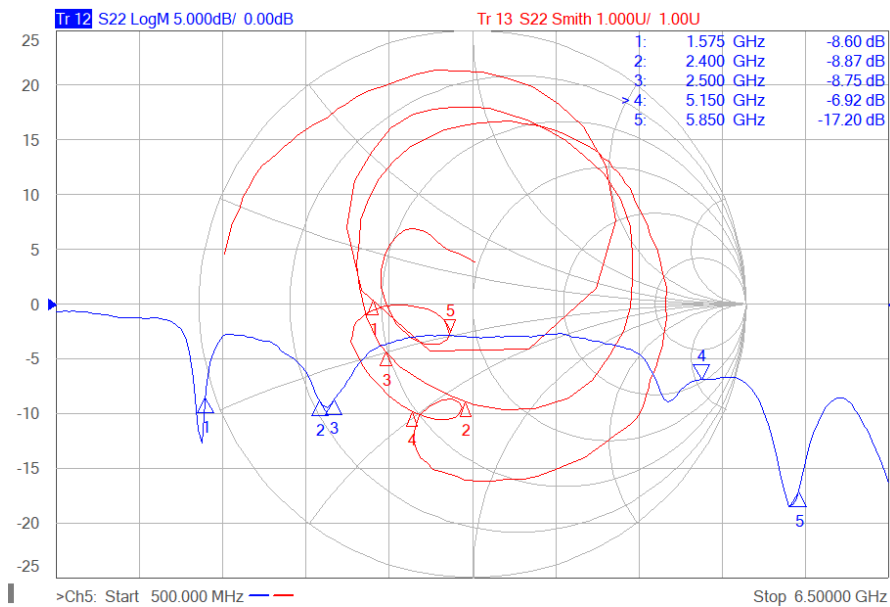




## 2. Test data

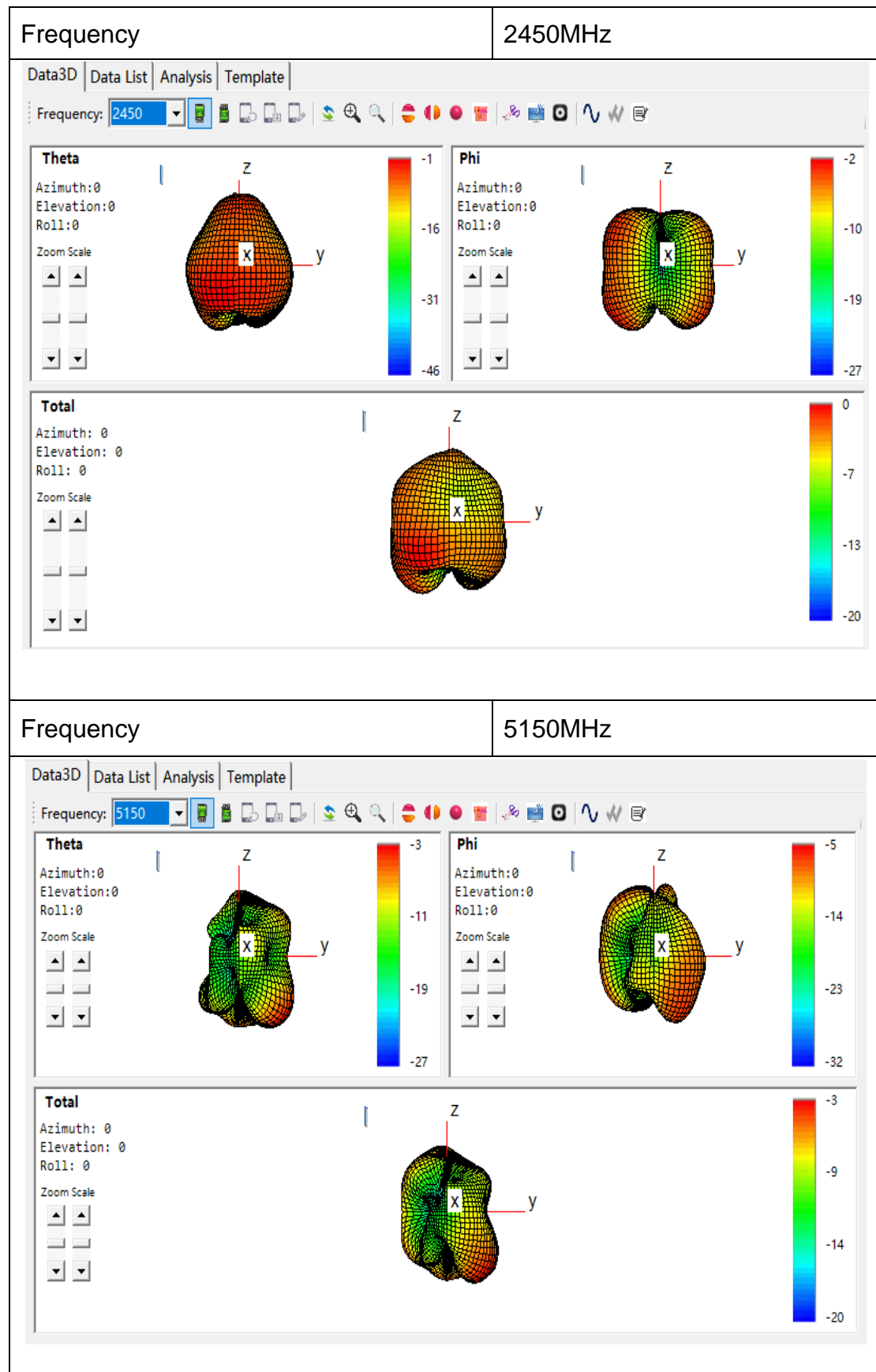
Band for Antenna 6	Combo ant	
	Effi.(dBi)	Peak gain(dBi)
<b>2.4G</b>	-6.5	-2.3
5G (5.15-5.25GHz)	-5.4	-1.9
5G (5.25-5.35GHz)	-5.9	-2.1
5G (5.47-5.725GHz)	-6.3	-2.3
5G (5.725-5.85GHz)	-5.9	-2.1
Bluetooth	-6.5	-2.3

S11:





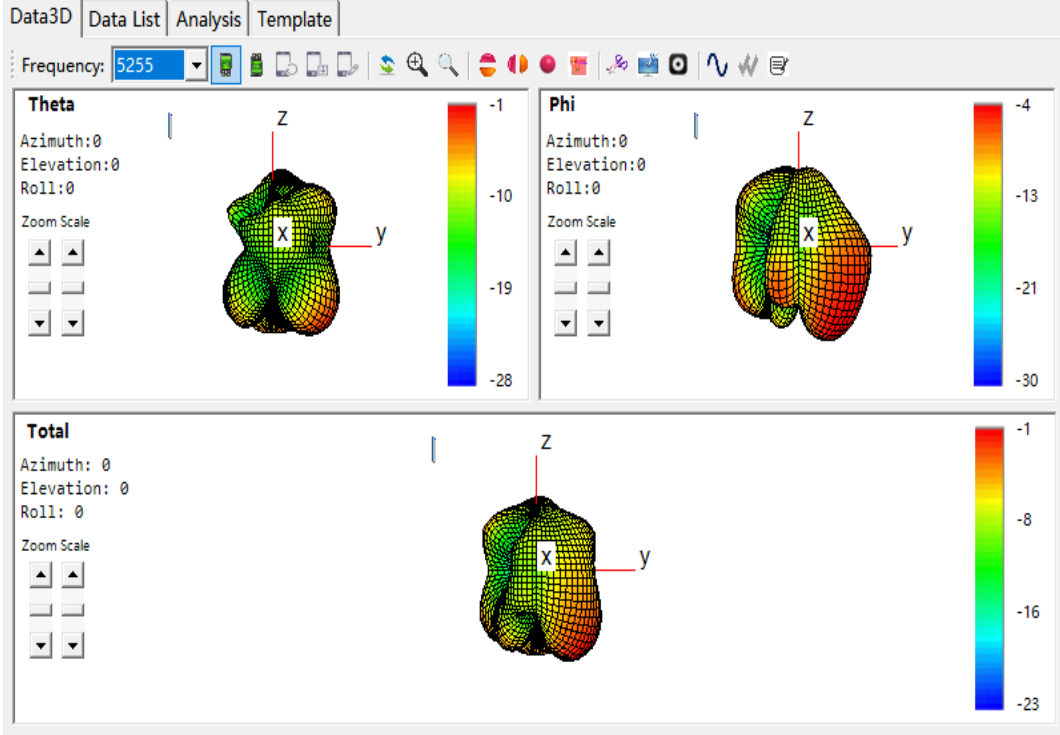
3D:





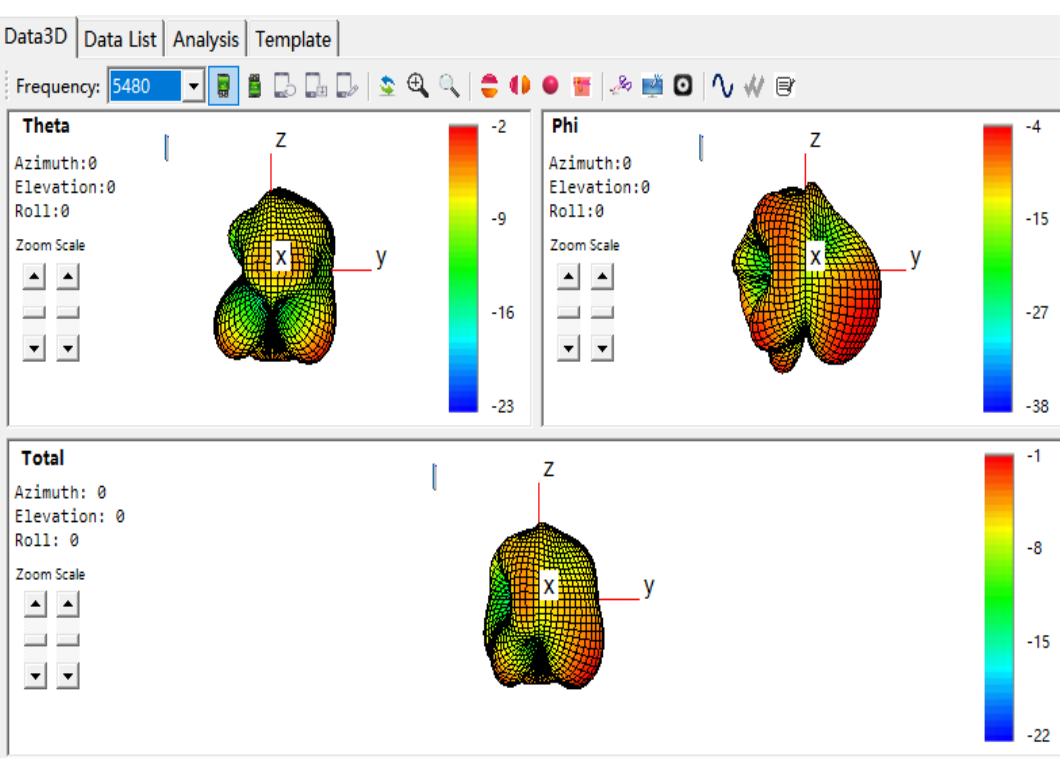
Frequency

5250MHz



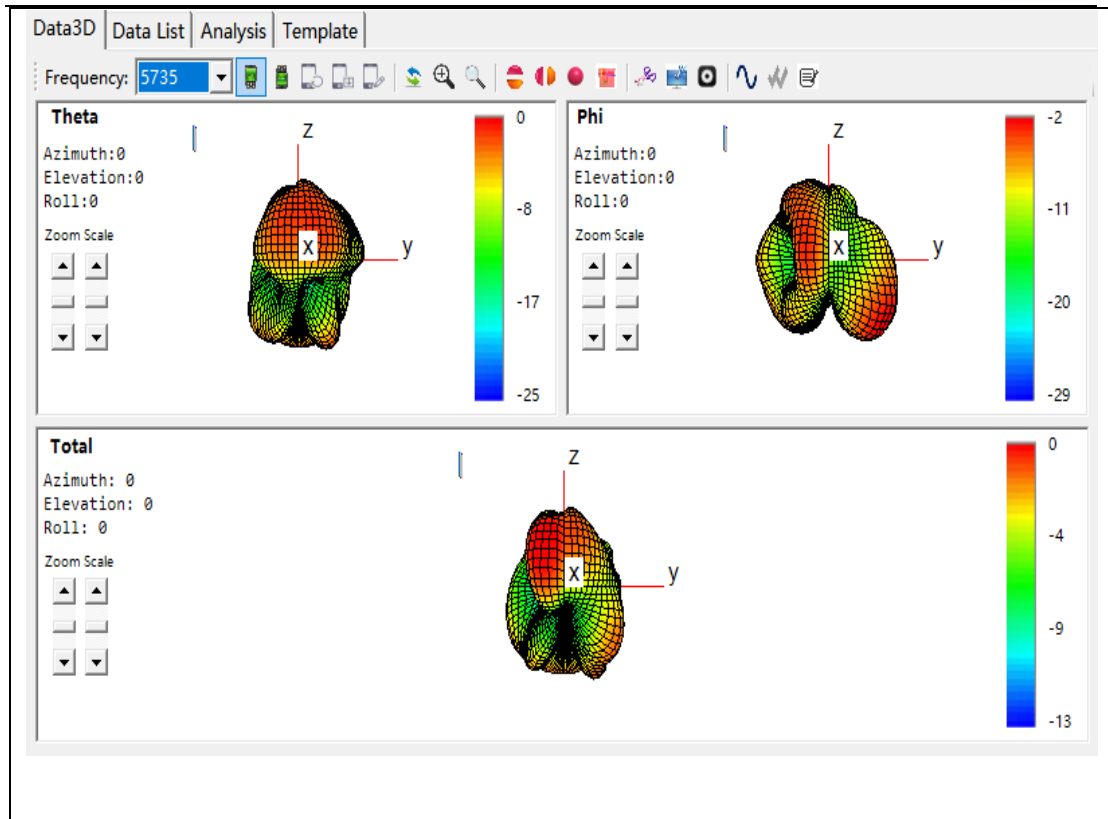
Frequency

5470MHz



Frequency

5730MHz



### 3. Main Test Instruments

Name	Manufacturer	Model name	Serial Number	Software	Cal., Date	Exp., Date
P9371A	KEYSIGHT	P9371A	MY57212591	Network Analyzer	2024-4-1	2025-4-1

## 4. Test Site

Shanghai



End of Test Report