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## Antenna Performance Description

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

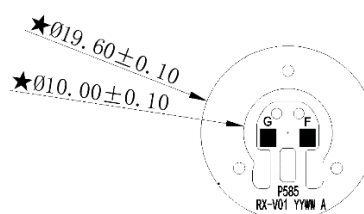
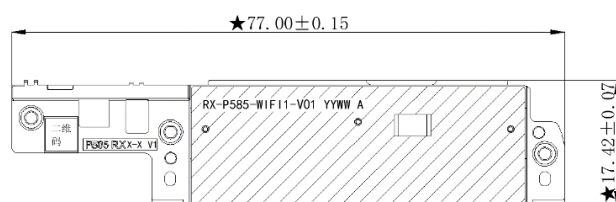
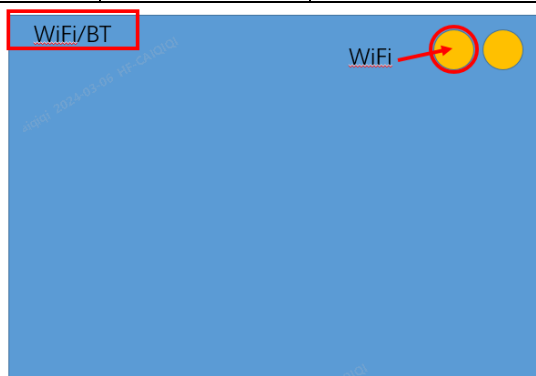
**Antenna Model:** N83 Antenna

**Test date:** 2024/3/01



## 1. Antenna information

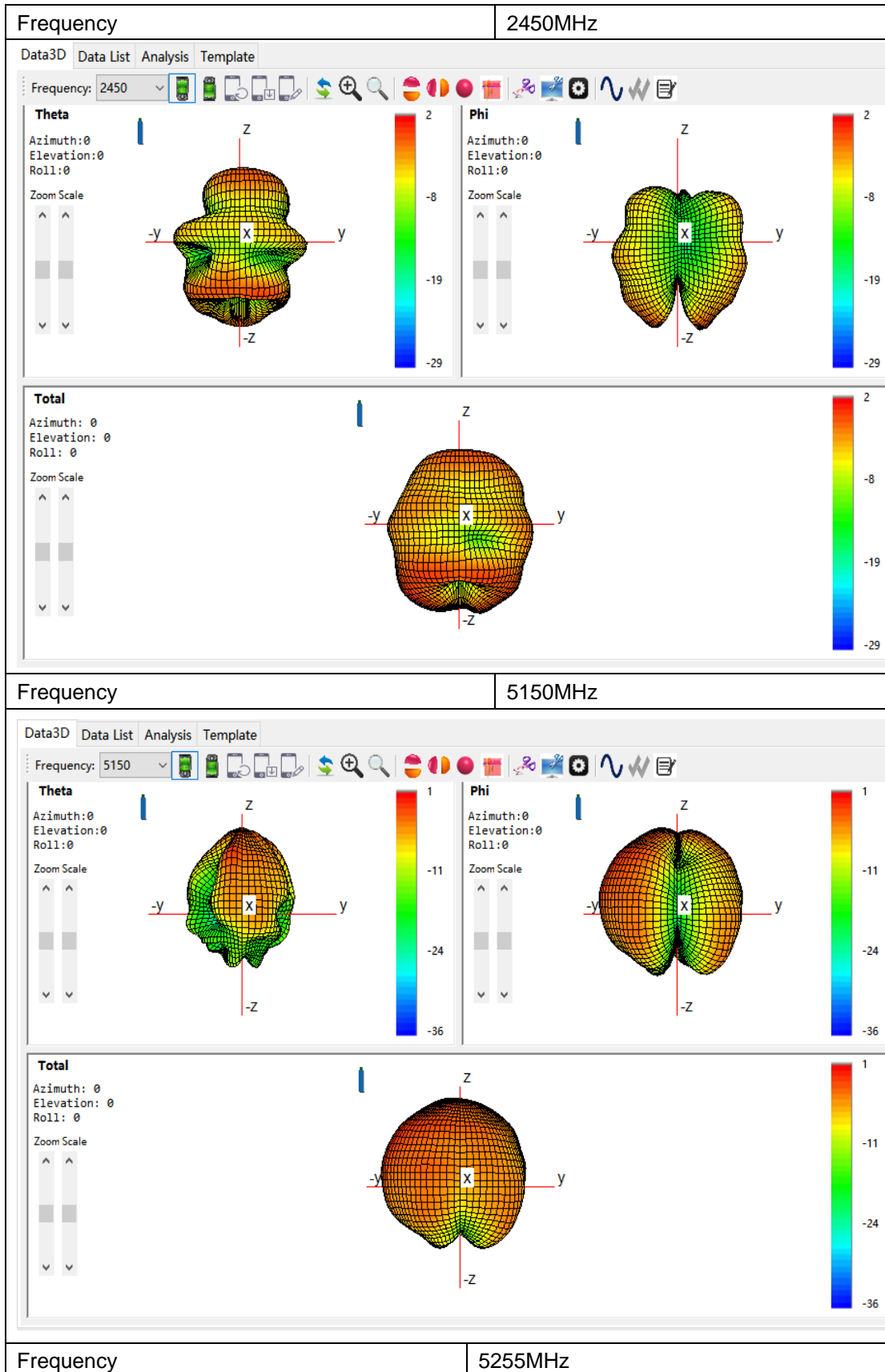
Antenna	Pattern	Antenna Type	Manufacturer	Address	Test party of Antenna gain
WIFI/BT	FPC	PIFA Antenna	Kunshan Innwave Communication Technology Co., Ltd.	Building H, No.55 Shengchuang Road, Yushan Town, Kunshan City, Jiangsu Province	Kunshan Innwave Communication Technology Co., Ltd.
WIFI	FPC	PIFA Antenna	Kunshan Innwave Communication Technology Co., Ltd.	Building H, No.55 Shengchuang Road, Yushan Town, Kunshan City, Jiangsu Province	Kunshan Innwave Communication Technology Co., Ltd.

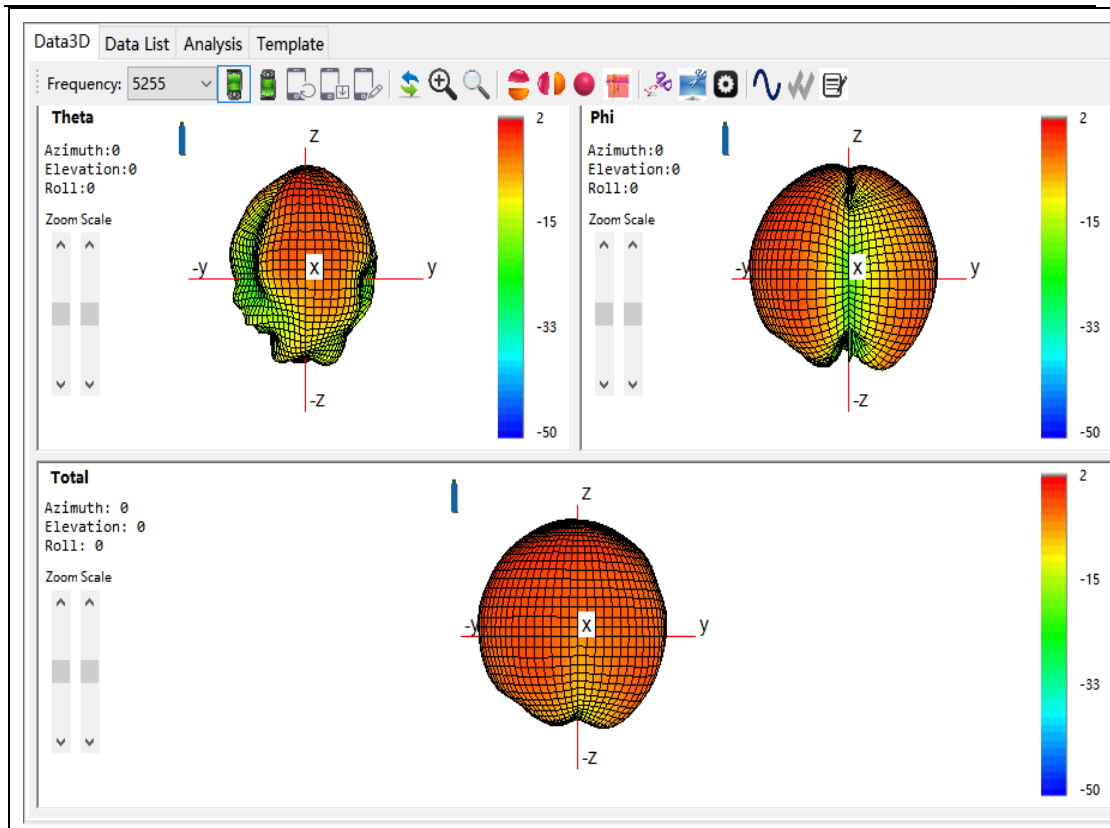


## 2. Test data

Band for Antenna 3	CHAIN1		CHAIN0	
	Effi.(dBi)	peak gain(dBi)	Effi.(dBi)	peak gain(dBi)
2.4G	-5.3	-0.7	-4.5	-0.7
5G (5.15-5.25GHz)	-5.7	0.9	-6.7	0.3
5G (5.25-5.35GHz)	-6	0.8	-6.6	0.5
5G (5.47-5.725GHz)	-5	0.5	-5.8	0.8
5G (5.725-5.85GHz)	-4.8	0.5	-4.1	0.5

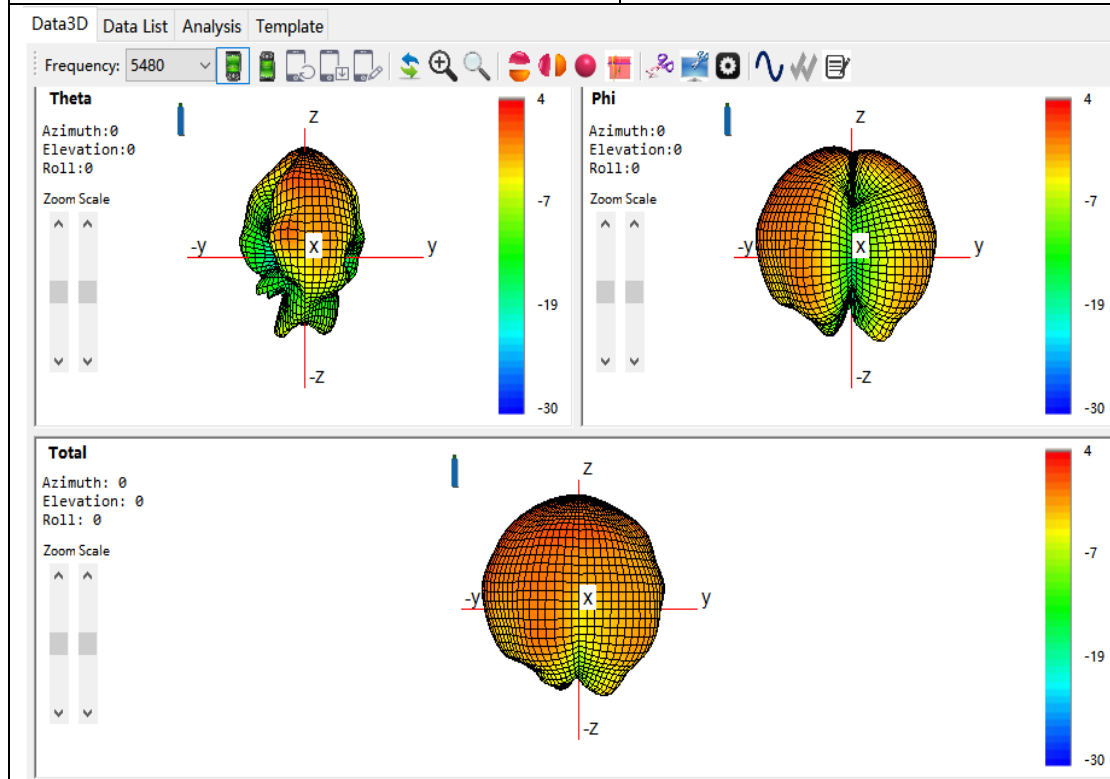






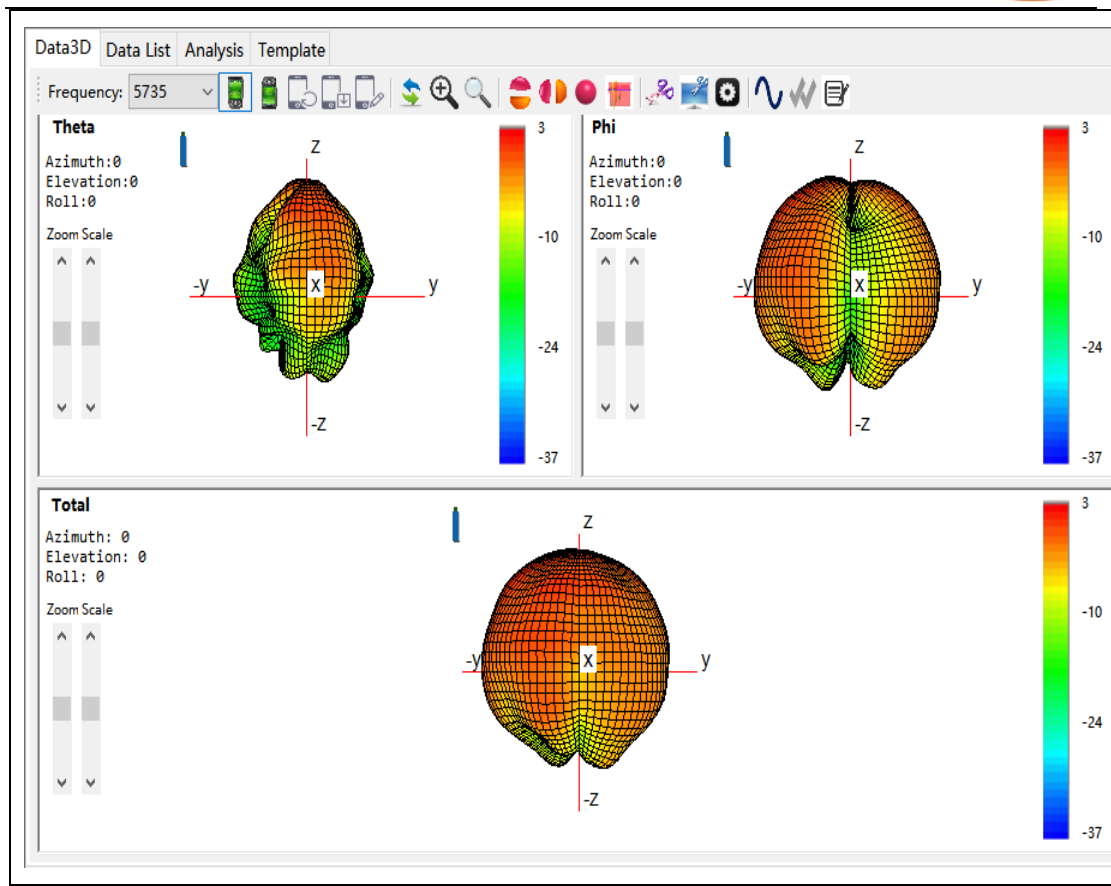
Frequency

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	2022-4-21	2023-4-20

### 4. Test Site

Shanghai



End