



Antenna Performance Description

Applicant: Xiaomi Communications Co., Ltd

Antenna Model: M7 Antenna

Test date: 2022/11/06

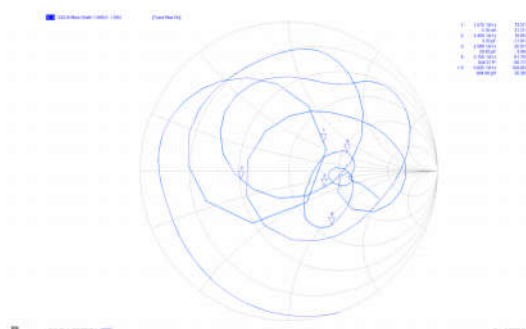
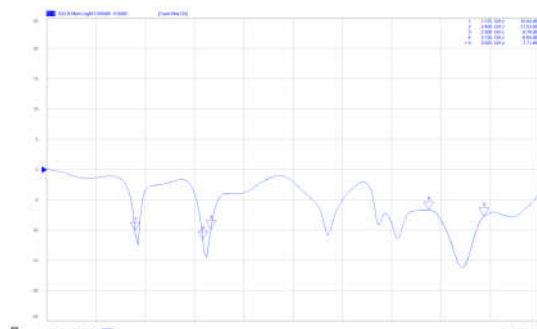


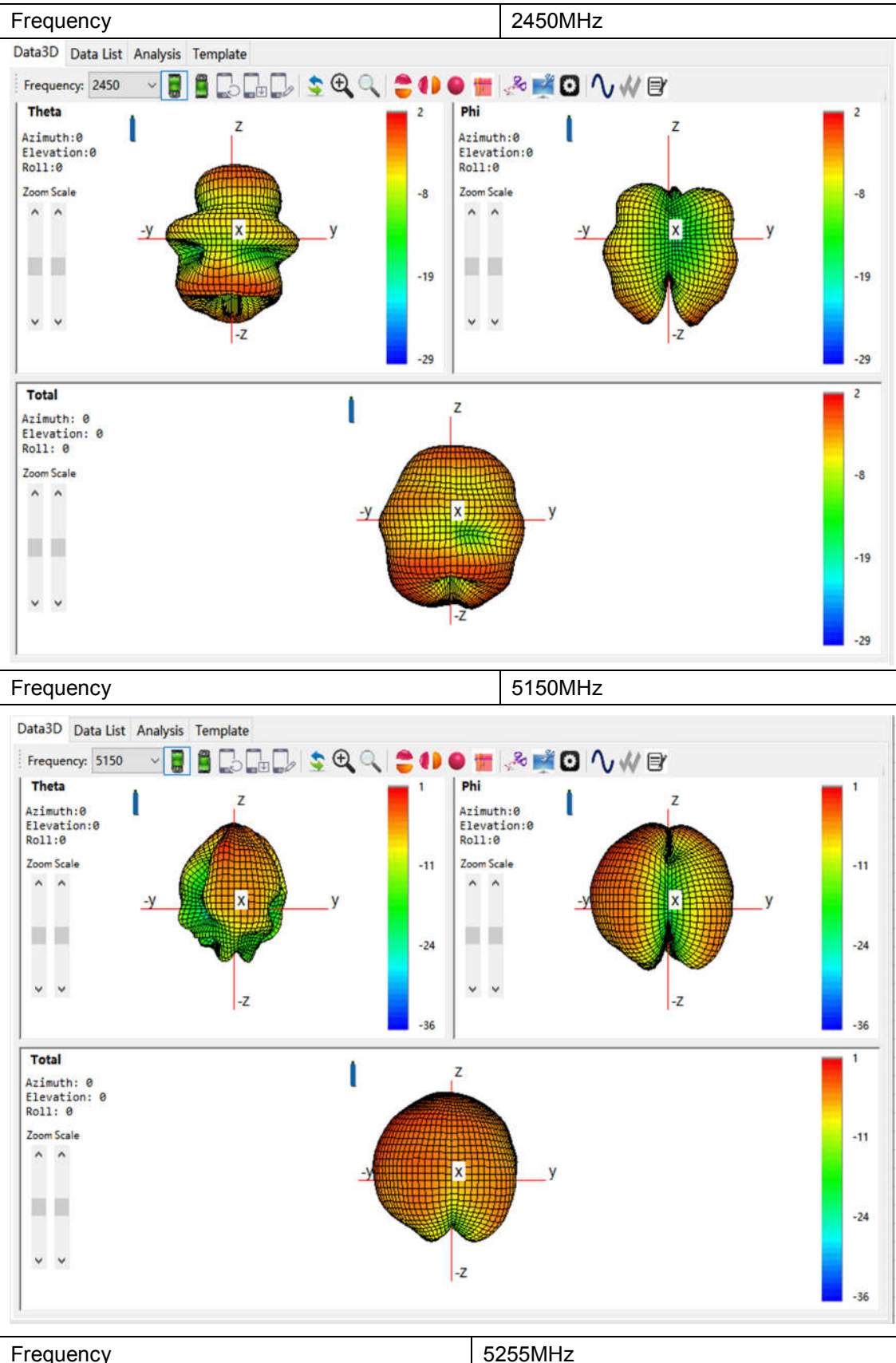
1. Antenna information

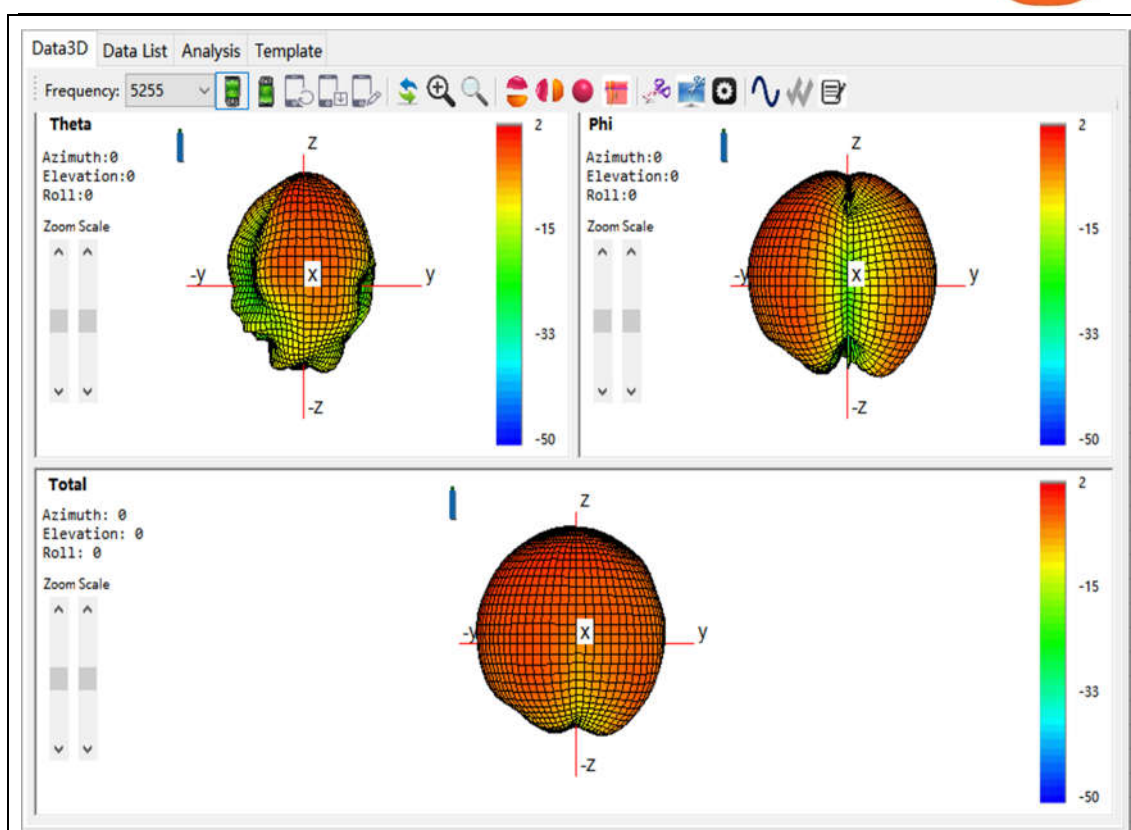
Antenna	Pattern	Antenna Type	Manufacturer	Address	Test party of Antenna gain
GPS/WIFI/BT	FPC	PIFA Antenna	AAC Technologies Holdings Inc.	AAC Technology Building, NO.18. , Xinx Road, North Hi-Tech Industrial Park, Nanshan District, Shenzhen, P.R. China 518057	Kunshan Innwave Communication Technology Co., Ltd.
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 15&17	Combo ant	
	Effi.(dBi)	peak gain(dBi)
2.4G	-5.48	0.1
5G (5.15-5.25GHz)	-4.05	-1.4
5G (5.25-5.35GHz)	-3.81	-1.6
5G (5.47-5.725GHz)	-3.75	-1.2
5G (5.725-5.85GHz)	-7.2	-1.1
Bluetooth	-3.87	0.1

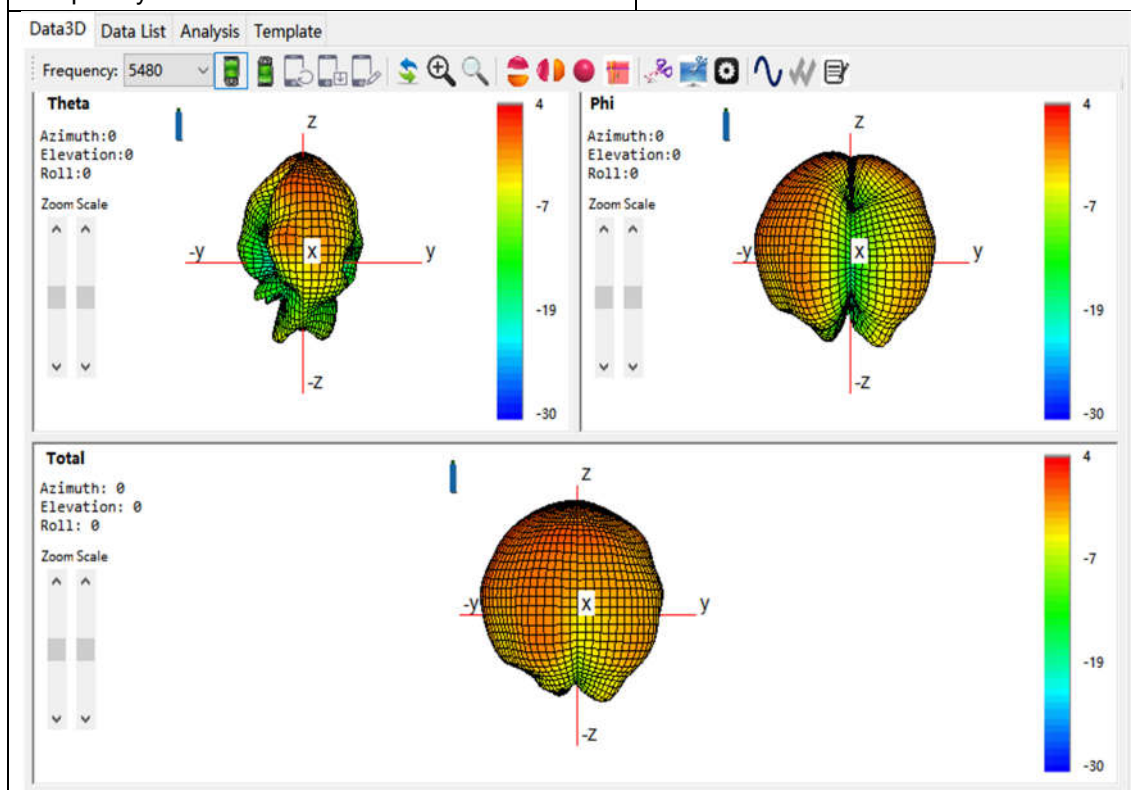






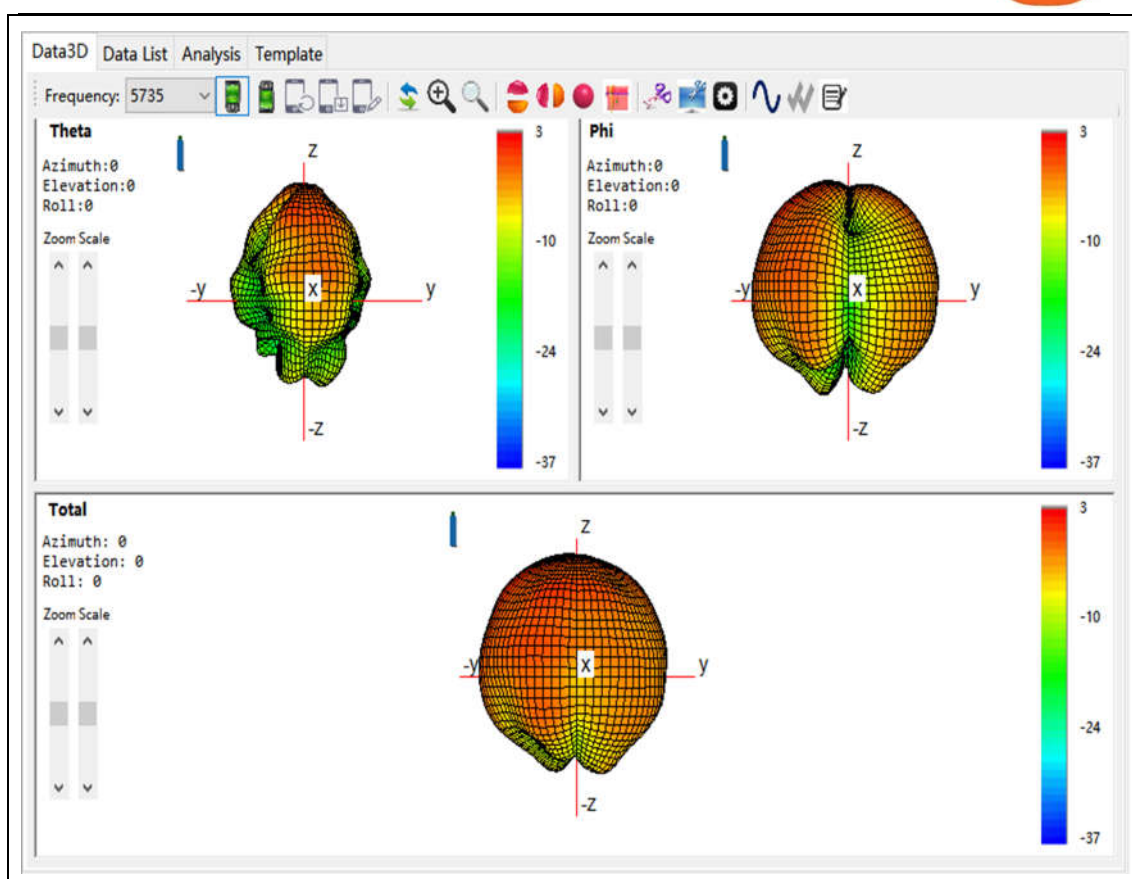
Frequency

5480MHz



Frequency

5735MHz



3. Main Test Instruments

Name	Manufacturer	Model name	Serial Number	Cal., Date	Exp., Date
E5071C	KEYSIGHT	E5071C	EQ60215	2022-4-21	2023-4-20

End of Test Report