



Antenna Performance Description

Applicant: Xiaomi Communications Co., Ltd

Antenna Model: N7 Antenna

Test date: 2023/9/19

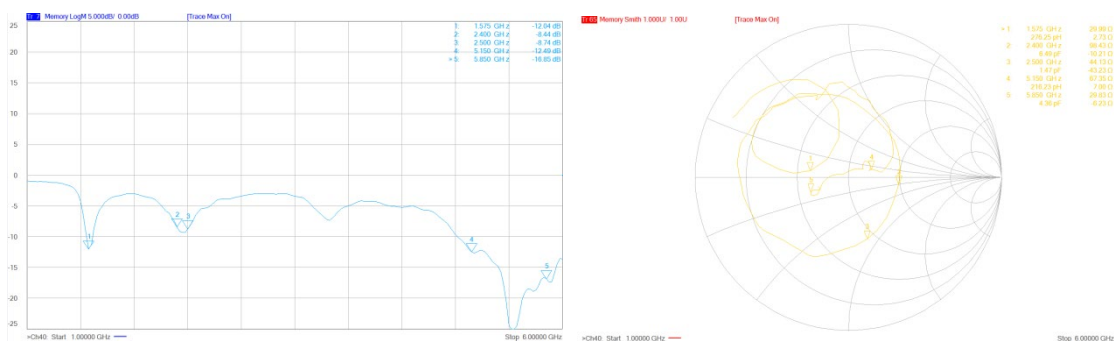


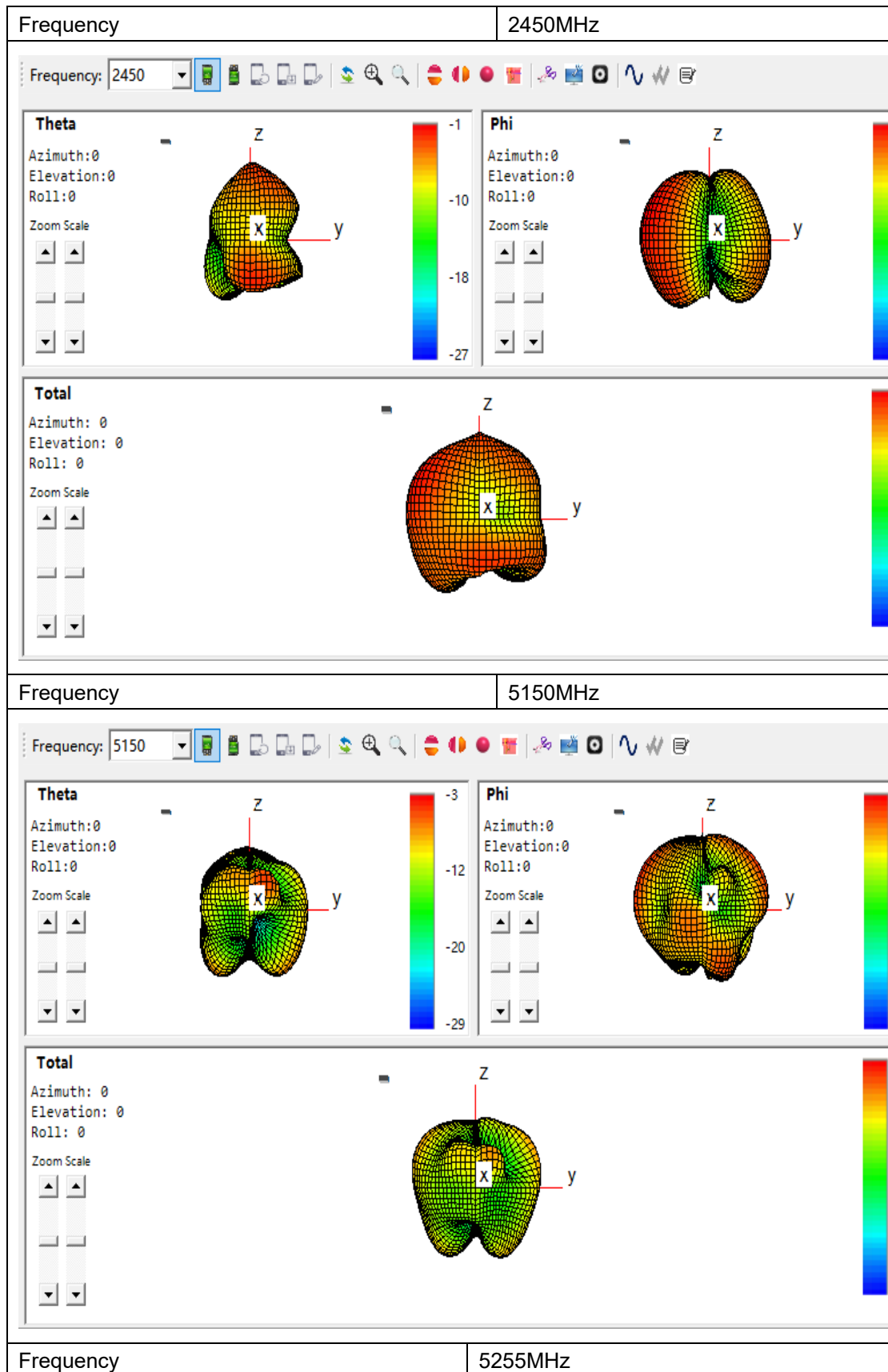
1. Antenna information

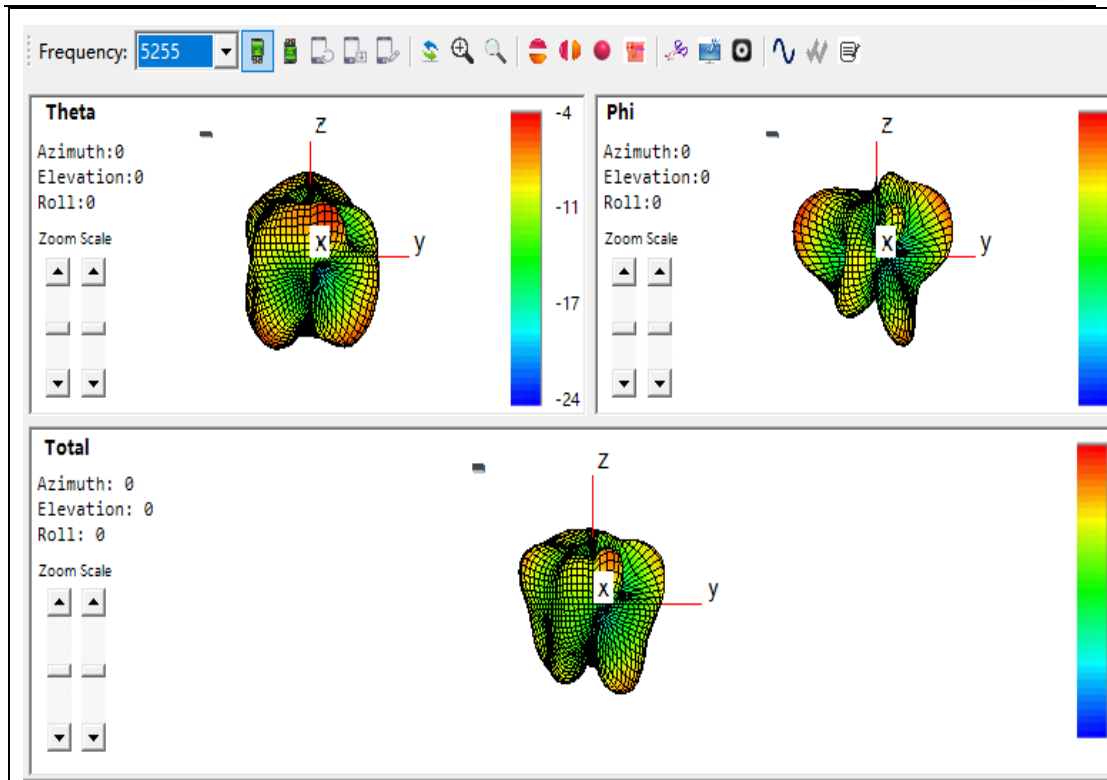
Antenna	Pattern	Antenna Type	Manufacturer	Address	Test party of Antenna gain
GPS/WIFI/BT	FPC+MDA	PIFA Antenna	AAC Technologies Holdings Inc.	AAC Technology Building, NO.18. , Xinxu Road, North Hi-Tech Industrial Park, Nanshan District, Shenzhen, P.R. China 518057	Kunshan Innowave Communication Technology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

2. Test data

Band for Antenna 3	Combo ant	
	Effi.(dBi)	peak gain(dBi)
2.4G	-5.57	-0.5
5G (5.15-5.25GHz)	-6.21	-1.5
5G (5.25-5.35GHz)	-5.91	-2.5
5G (5.47-5.725GHz)	-5.51	-2.6
5G (5.725-5.85GHz)	-5.04	-2.2
Bluetooth	-3.87	-0.5

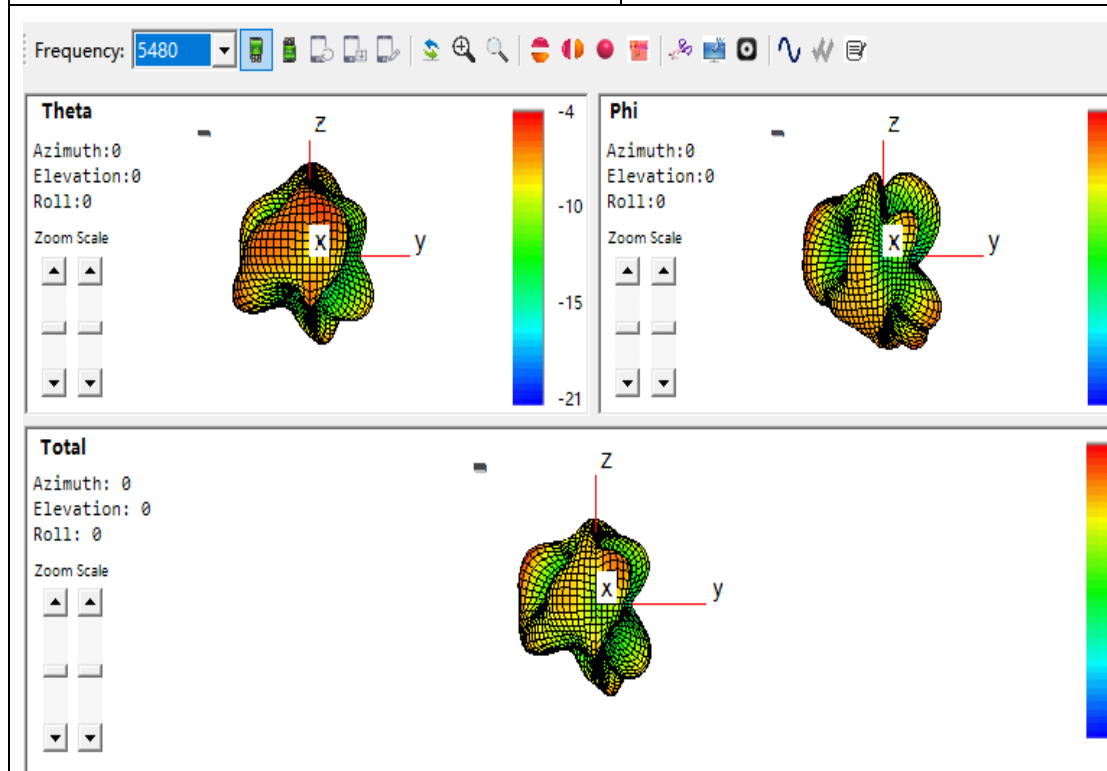






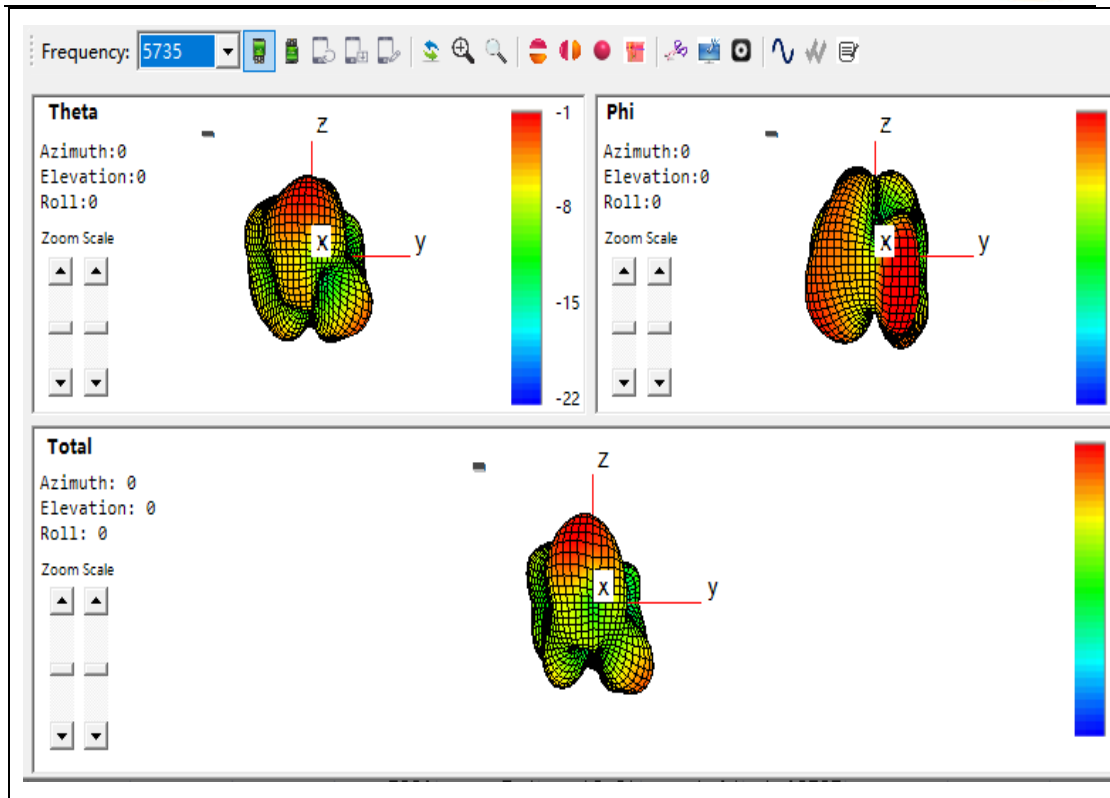
Frequency

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 of Test Report