



Antenna Performance Description

Applicant: Xiaomi Communications Co., Ltd

Antenna Model: KSRN Antenna

Test date: 2023/1/17

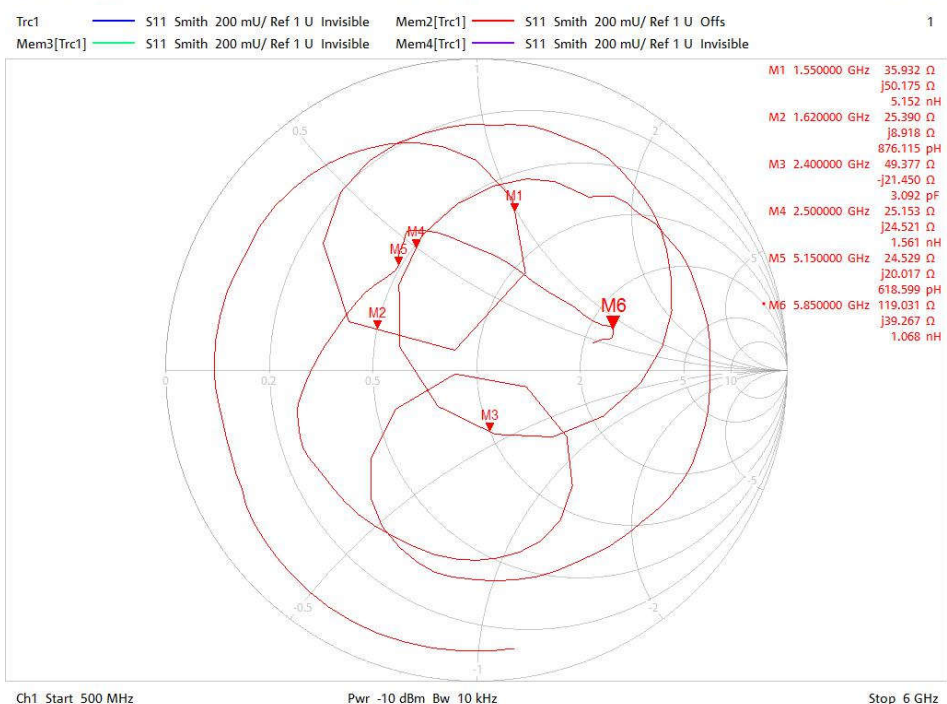
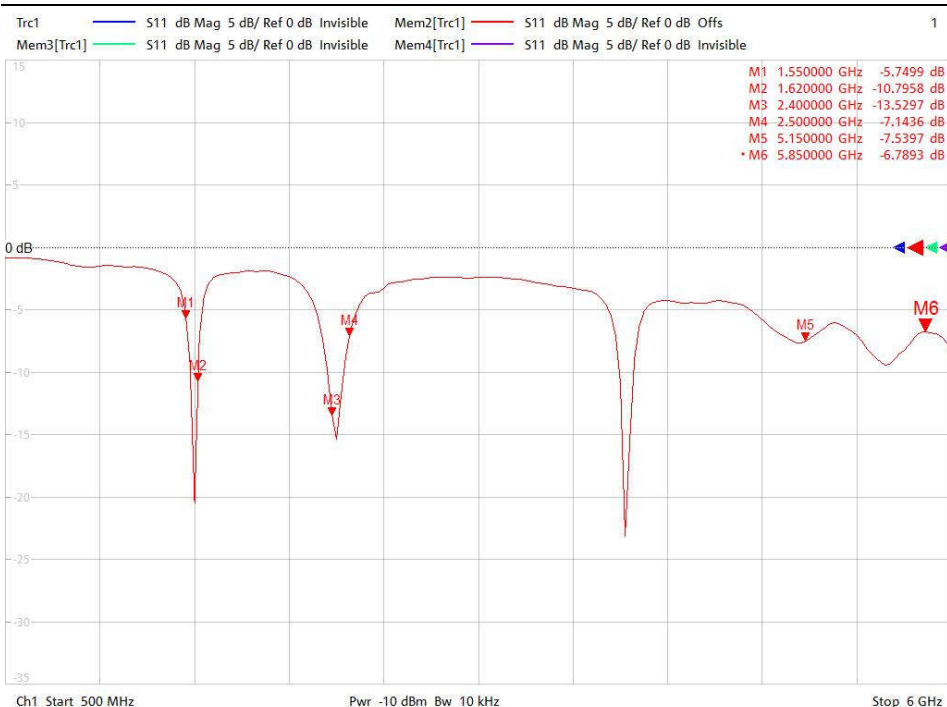


1. Antenna information

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. , Xixi 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

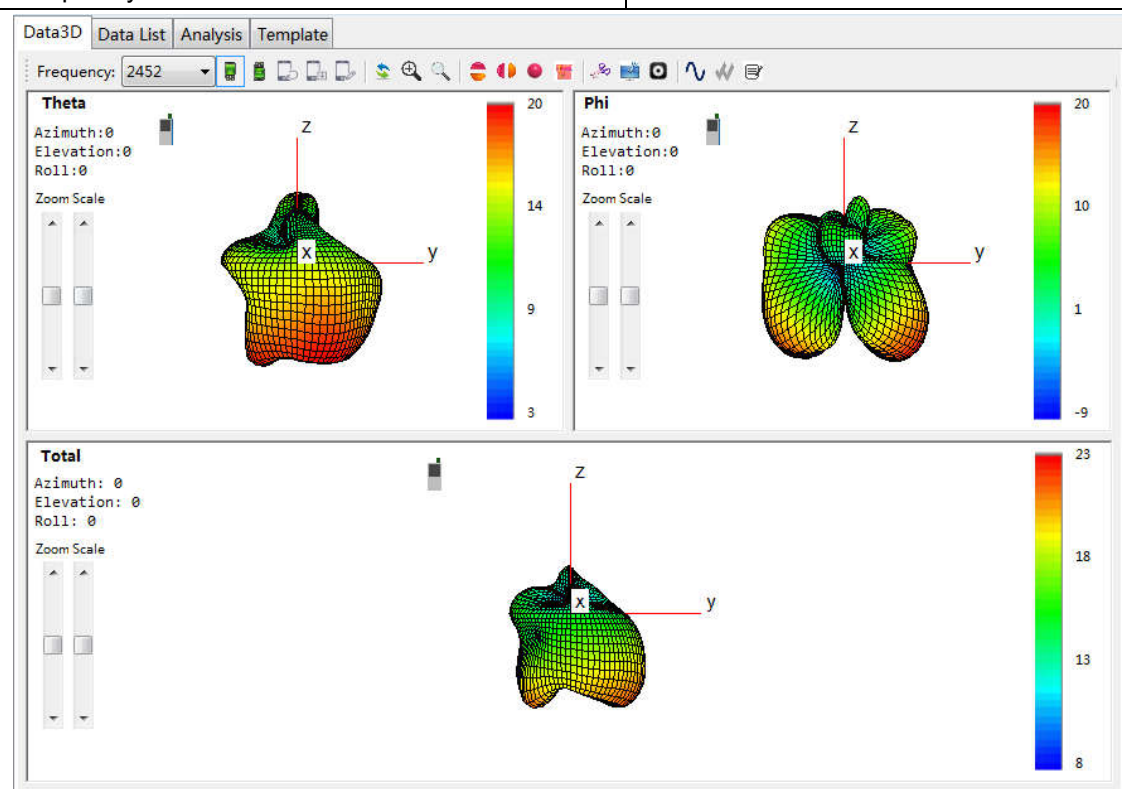
GPS/WIFI/BT ANT	Combo ant	
	Effi.(dBi)	peak gain(dBi)
2.4G	-4.14	-0.31
5G (5.15-5.25GHz)	-5.52	-1.65
5G (5.25-5.35GHz)	-4.92	-1.6
5G (5.47-5.725GHz)	-4.28	-1.3
5G (5.725-5.85GHz)	-3.31	-1.46
Bluetooth	-4.98	-0.31





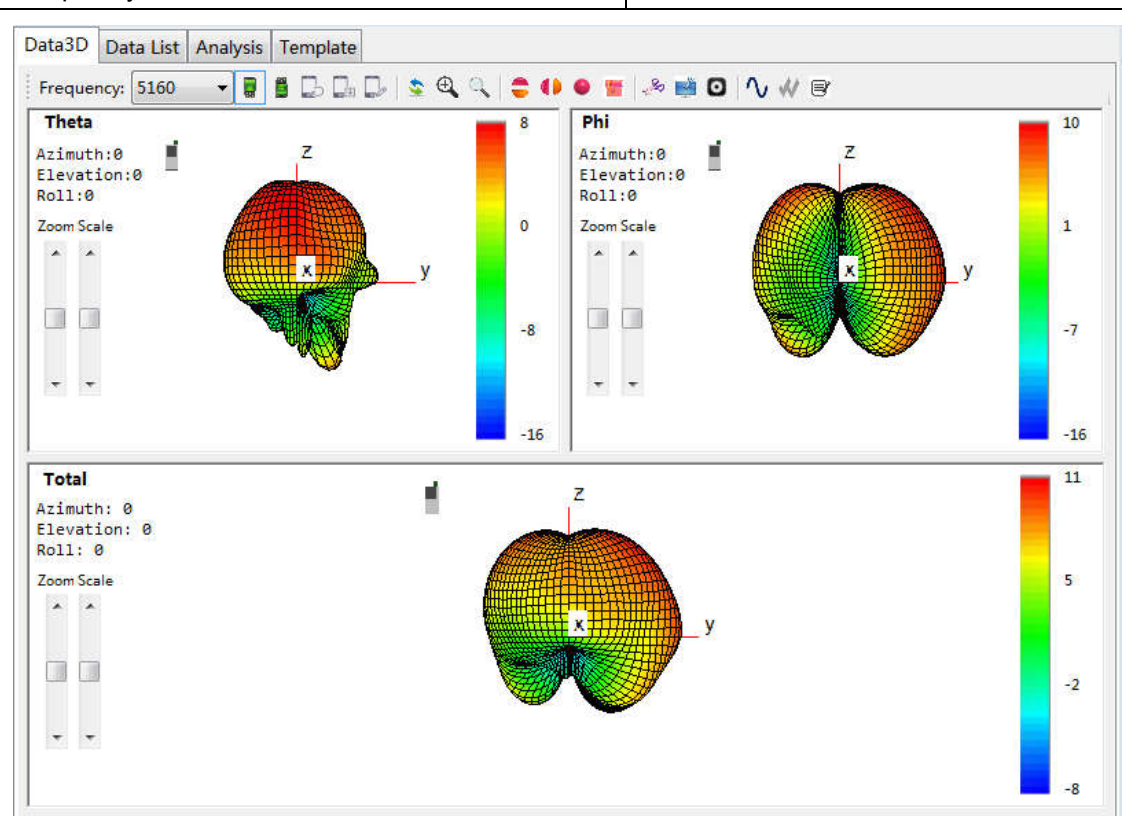
Frequency

2452MHz



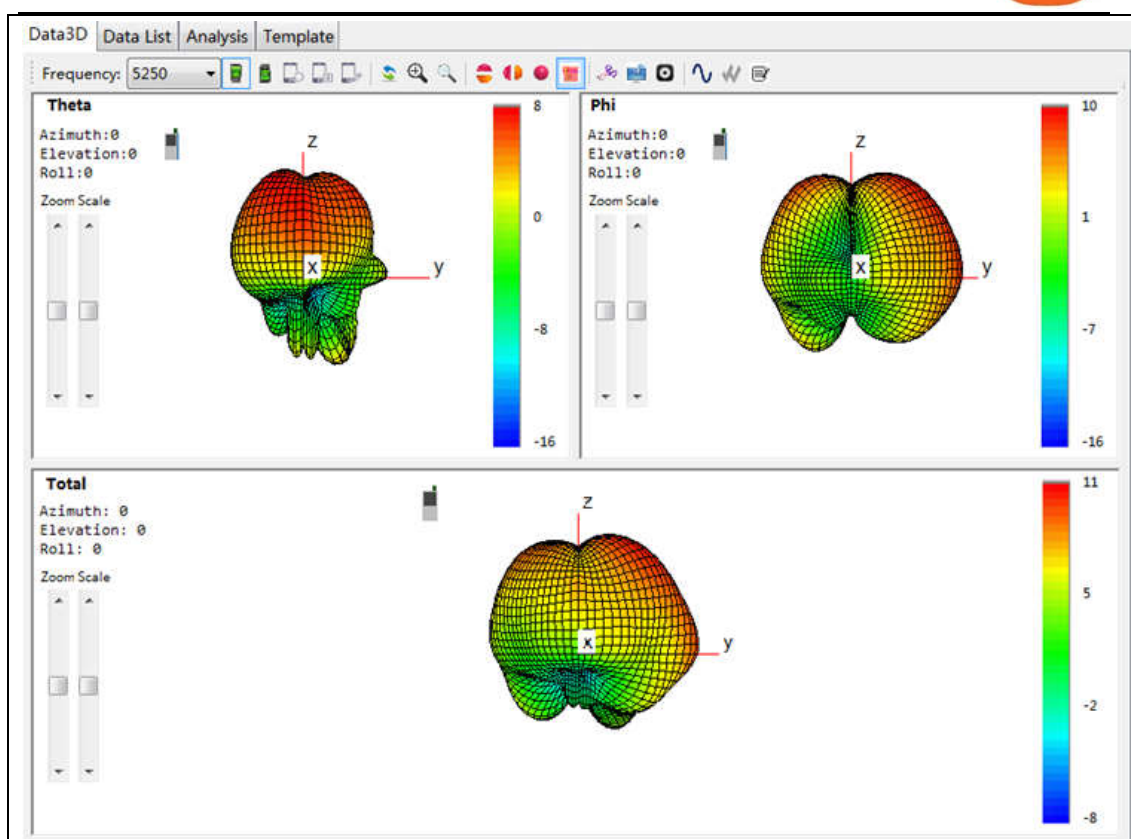
Frequency

5160MHz



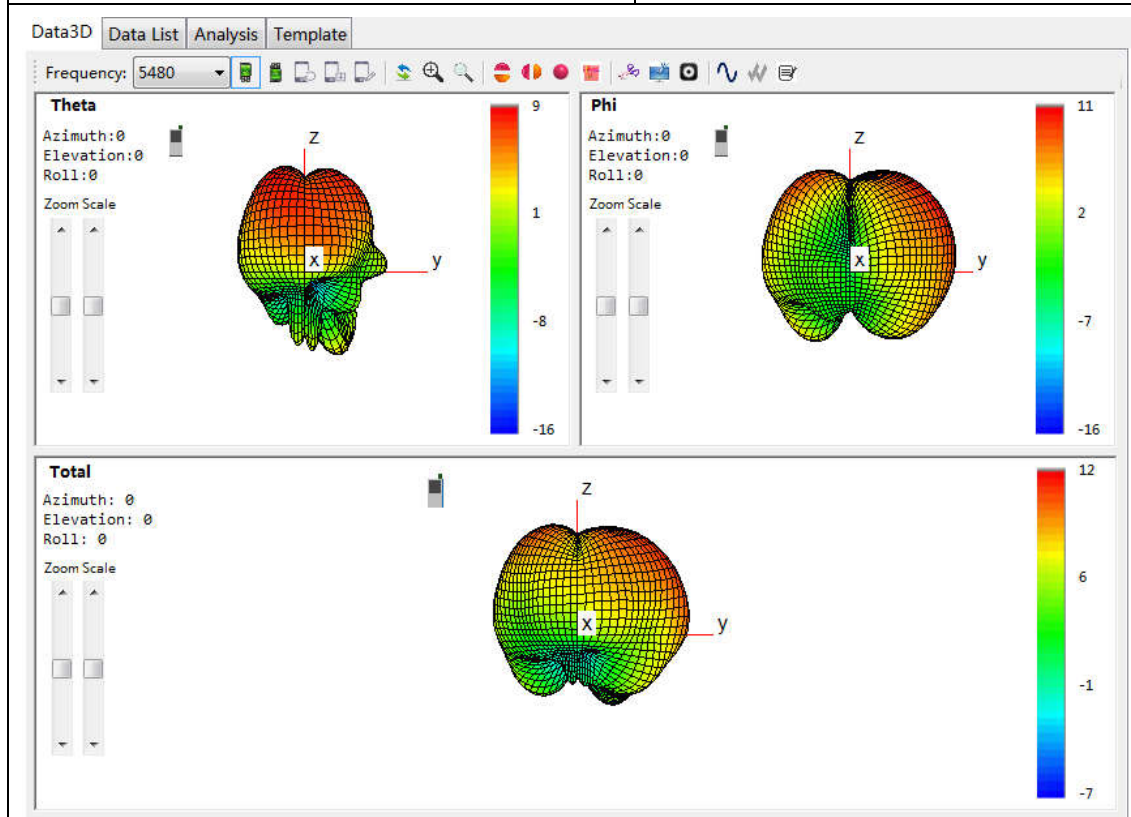
Frequency

5250MHz



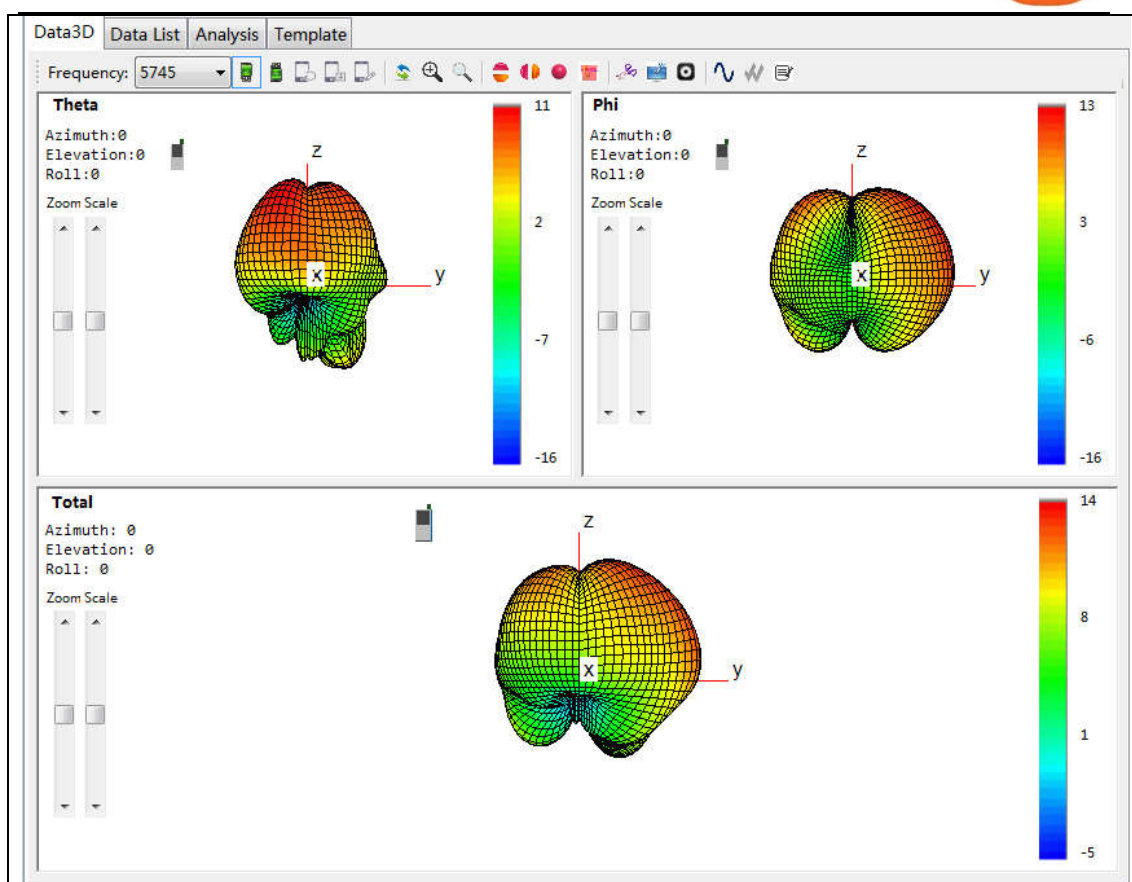
Frequency

5480MHz



Frequency

5745MHz



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

End of Test Report