



Antenna Performance Description

Applicant: Xiaomi Communications Co., Ltd

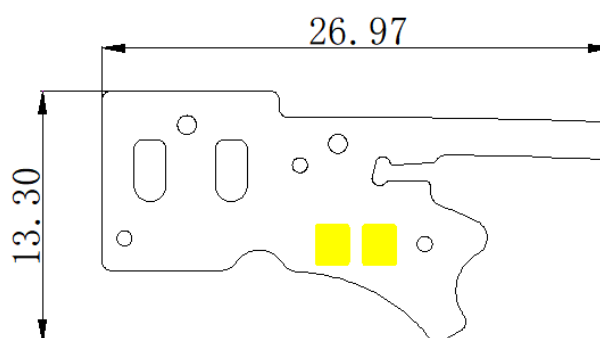
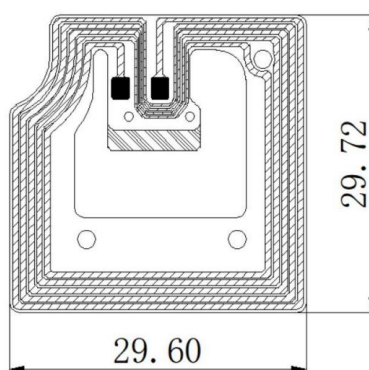
Antenna Model: C3U Antenna

Test date: 2023/08/09



1. Antenna information

Antenna	Pattern	Antenna Type	Manufacturer	Address
GPS/WIFI/BT	FPC	PIFA Antenna	AAC ACOUSTIC TECHNOLOGIES HOLDINGS INC.	AAC Technology Building, NO.18., Xinxi Road, North Hi Tech Industrial Park, Nanshan District, Shenzhen, P.R. China 518057
NFC	N/A	FPC (Flexible Printed Circuit) antenna 34.6mm*25.85mm	Shanghai Deman Electronic Technology	Factory No.3, No.1259 Ping An Road zhuangqiao Town, Minhang Industrial Park, Shanghai

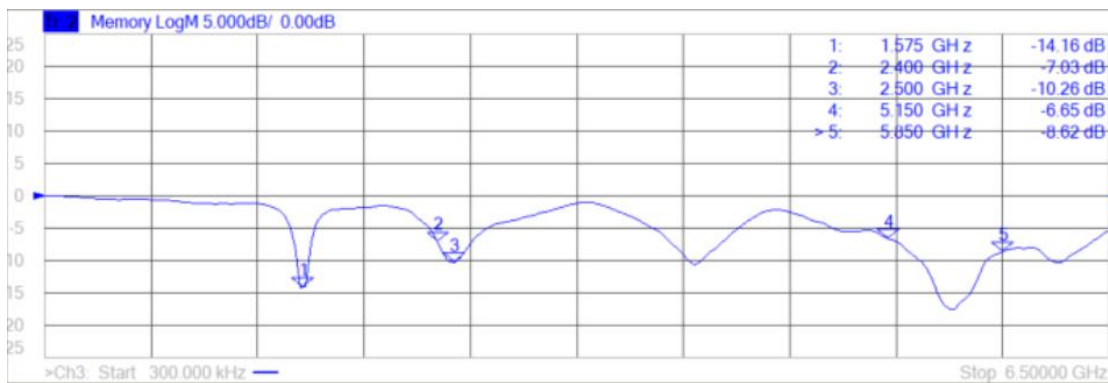




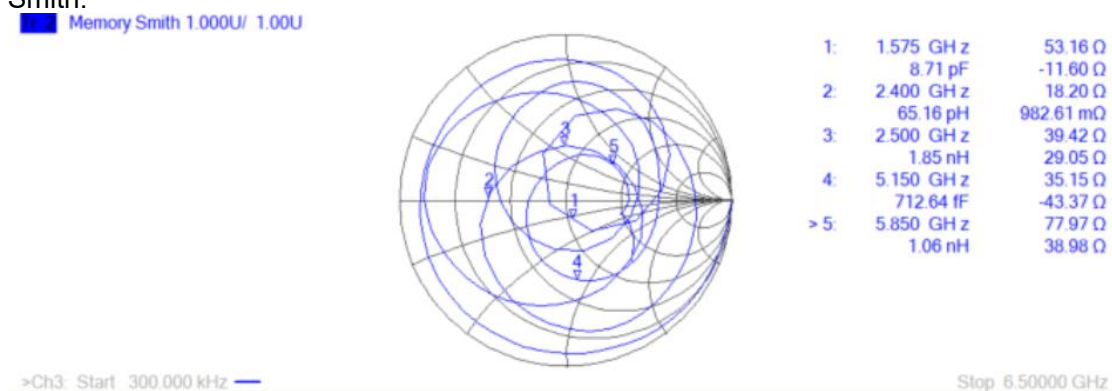
2. Test data

Band for Antenna 3	Combo ant	
	Effi.(dBi)	Peak gain(dBi)
2.4G	-5.18	-1
5G (5.15-5.25GHz)	-5.45	-0.5
5G (5.25-5.35GHz)	-4.88	-0.4
5G (5.47-5.725GHz)	-3.64	0.6
5G (5.725-5.85GHz)	-4.45	-0.2
Bluetooth	-4.44	-1

S11:

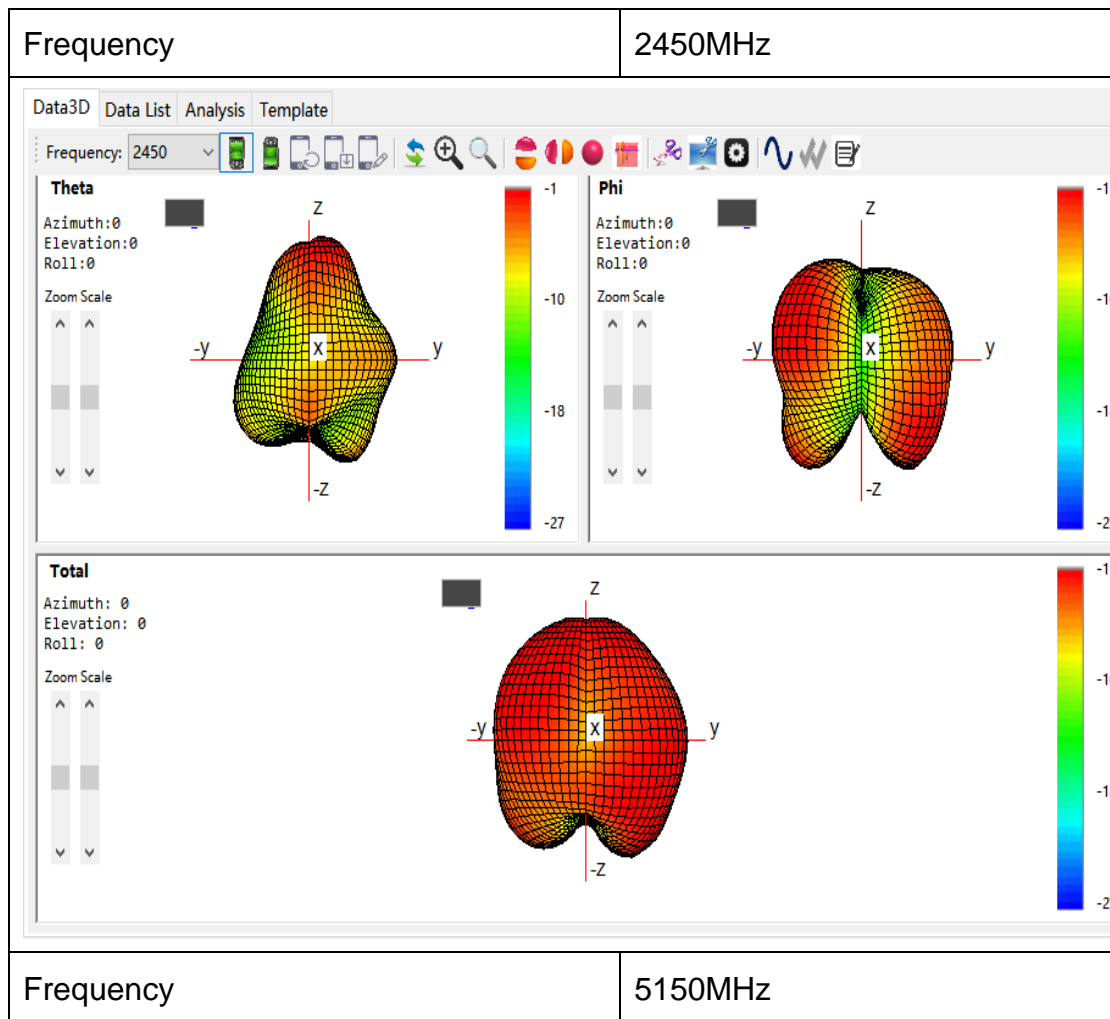


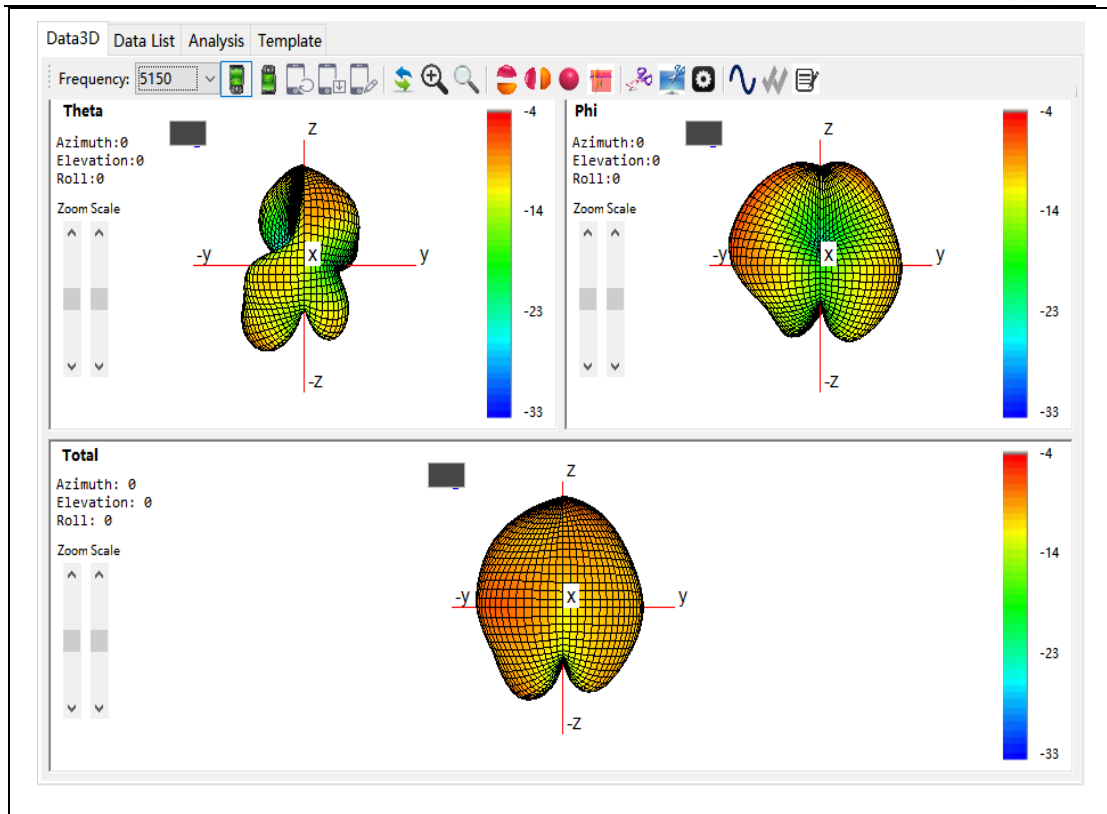
Smith:





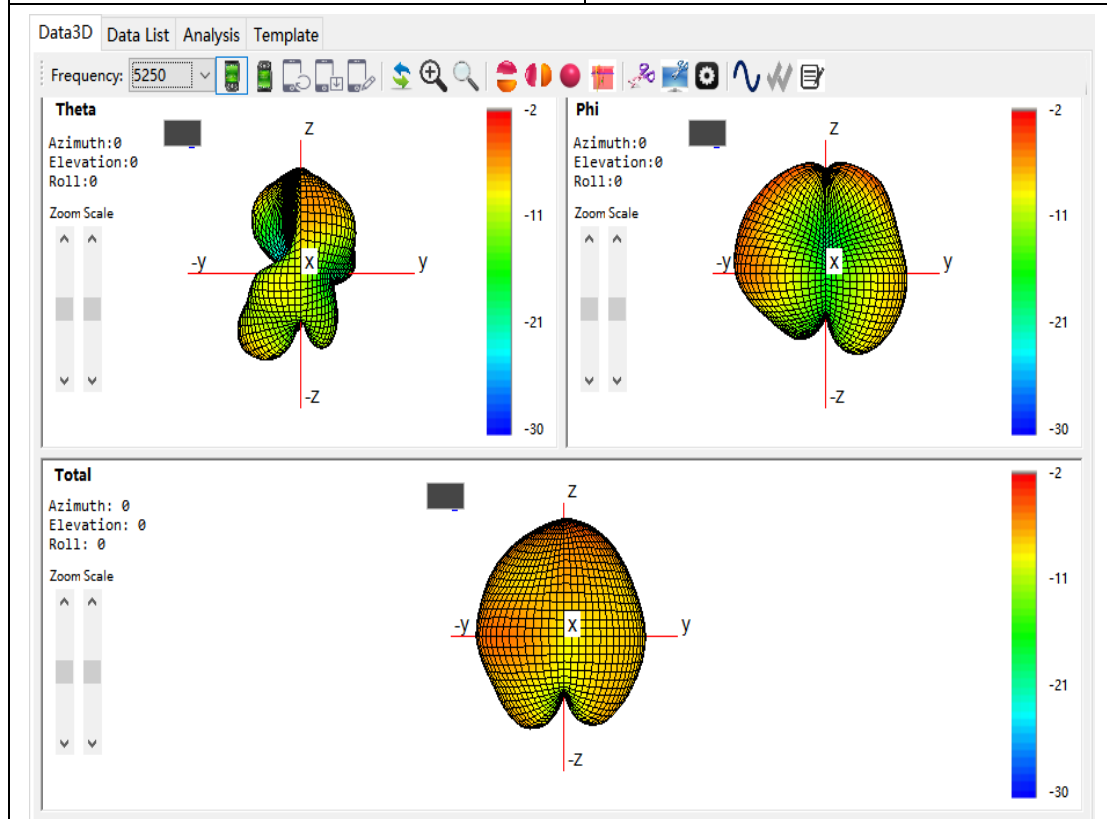
3D:





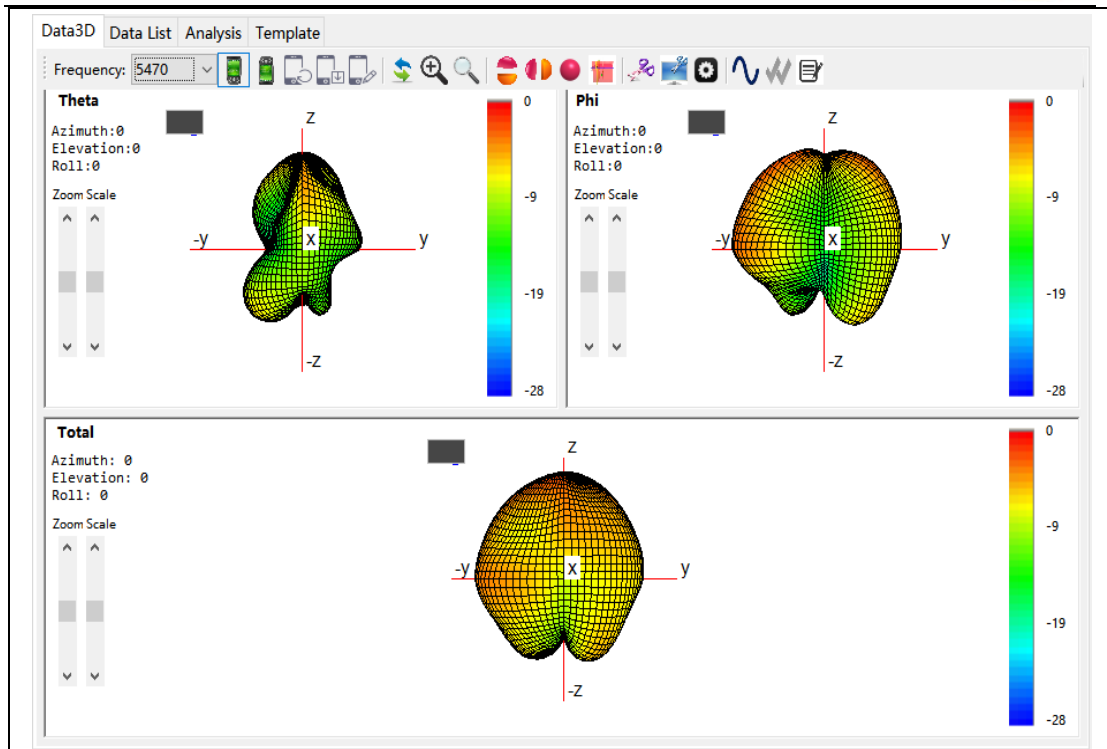
Frequency

5250MHz



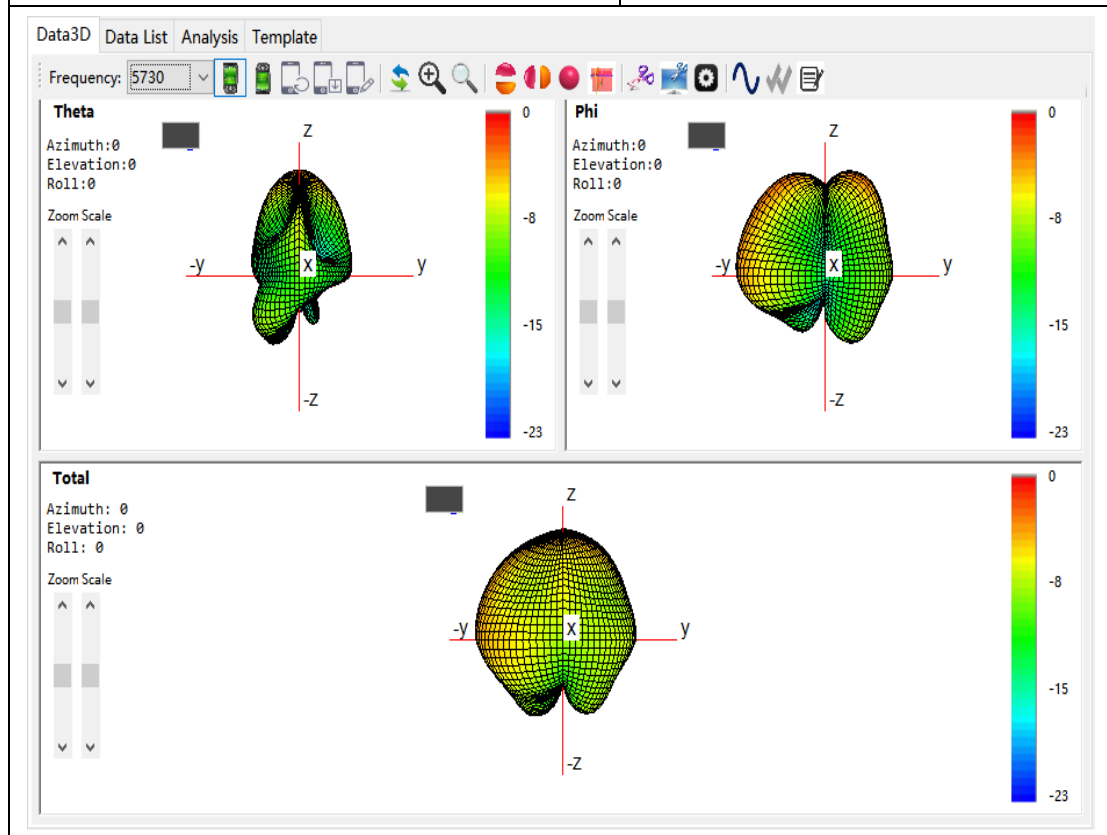
Frequency

5470MHz



Frequency

5730MHz



3. Main Test Instruments



Name	Manufacturer	Model name	Serial Number	Software	Cal., Date	Exp., Date
P9371A	KEYSIGHT	P9371A	MY57212591	Network Analyzer	2023-4-7	2024-4-7

4. Test Site

Shanghai



End of Test Report