



Antenna Performance Description

Applicant: Xiaomi Communications Co., Ltd

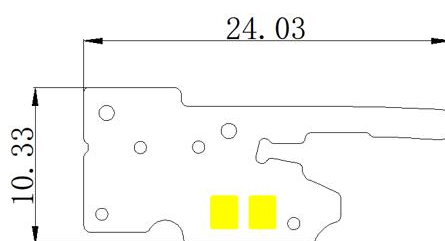
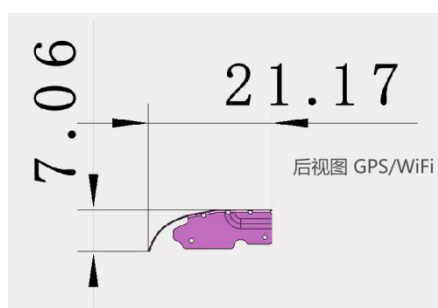
Antenna Model: C3N Antenna

Test date: 2024/06/05



1. Antenna information

Antenna	Pattern	Antenna Type	Manufacturer	Address	Test party of Antenna gain
GPS/WIFI/BT	FPC	PIFA Antenna	SPEED ACOUSTIC TECHNOLOGIES HOLDINGS INC.	SPEED Technology Building, NO.SX-01-02 Shangxia Section,Hi-tech District of East-river, Huizhou,Guangdong Province P.R,China Post Code:516255	SPEED ACOUSTIC TECHNOLOGIES HOLDINGS INC.

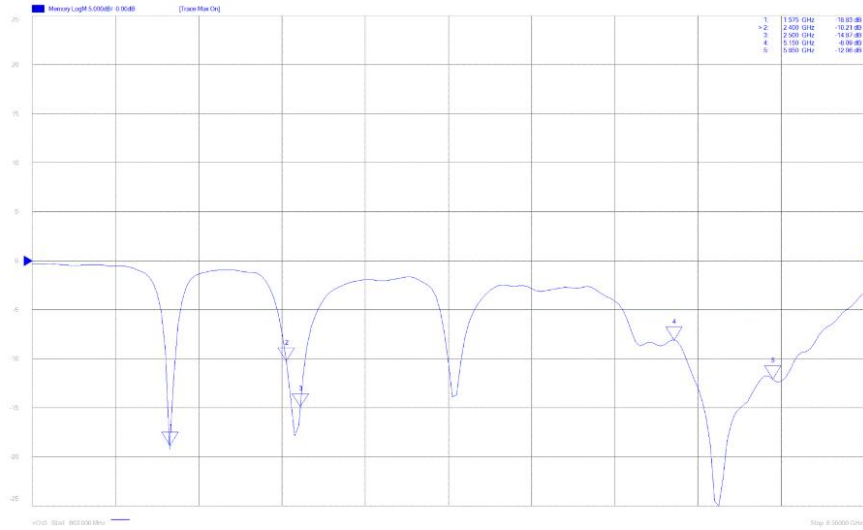


2. Test data

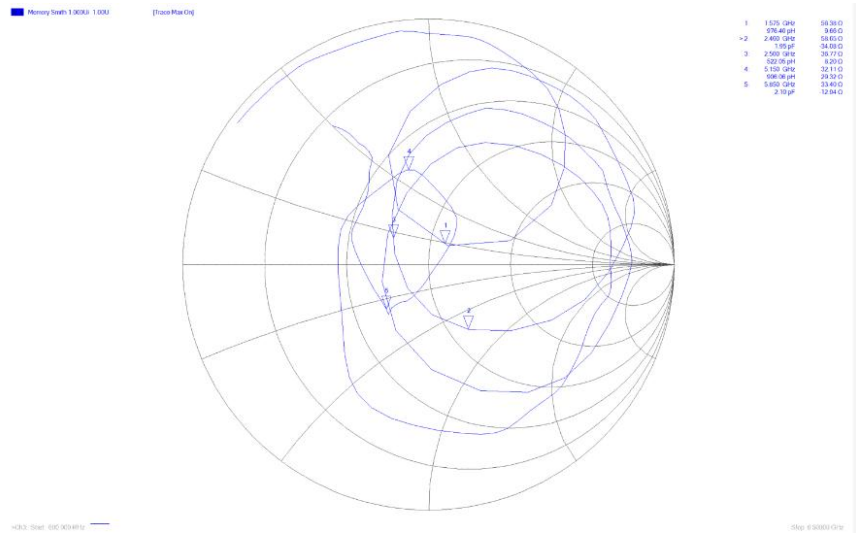
Band for Antenna 3	Combo ant	
	Effi.(dBi)	Peak gain(dBi)
2.4G	-4.24	0.4
5G (5.15-5.25GHz)	-4.94	-0.9
5G (5.25-5.35GHz)	-4.86	-0.5
5G (5.47-5.725GHz)	-4.7	0.2
5G (5.725-5.85GHz)	-5.28	-1
Bluetooth	-4.24	0.4

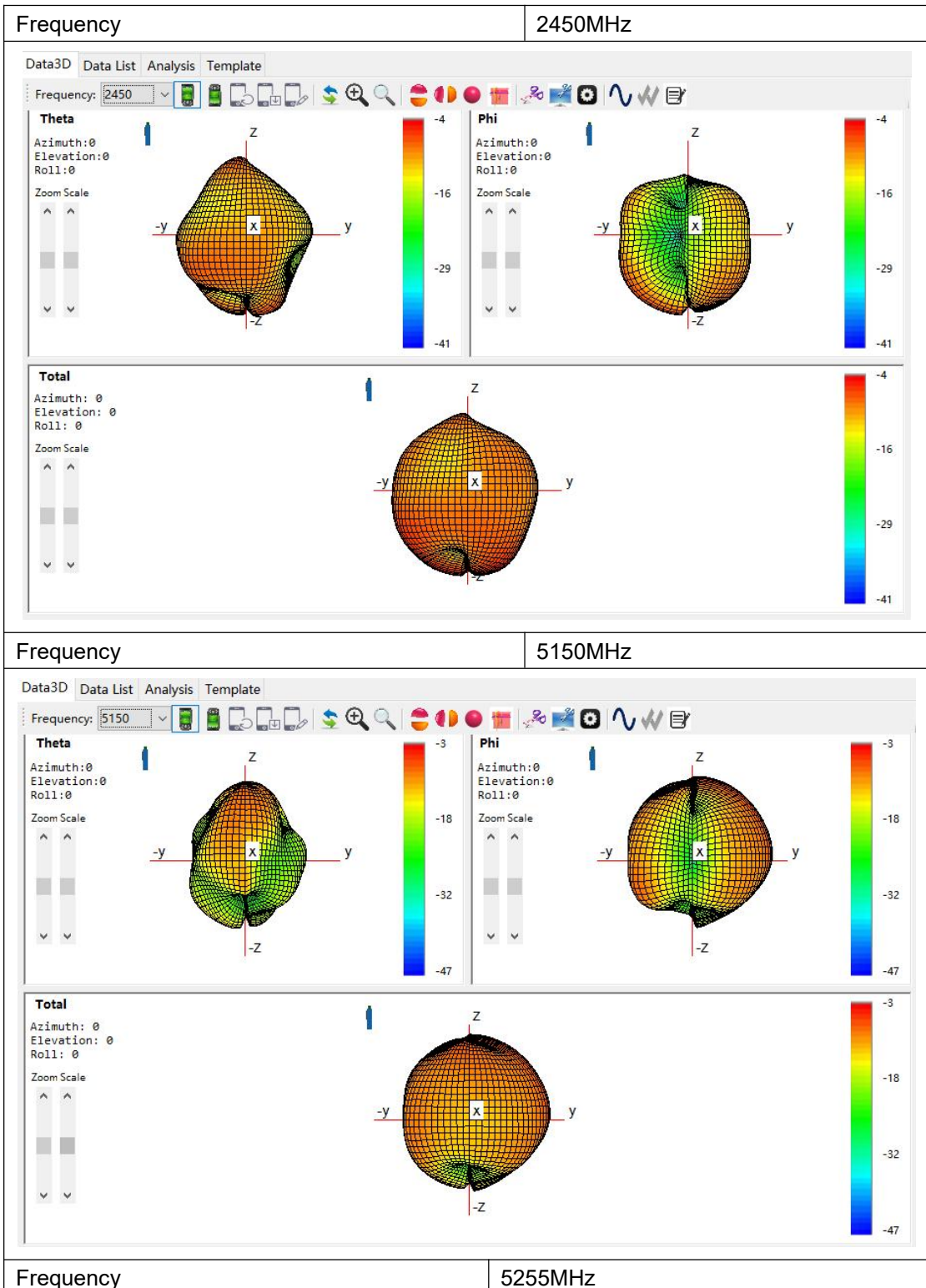


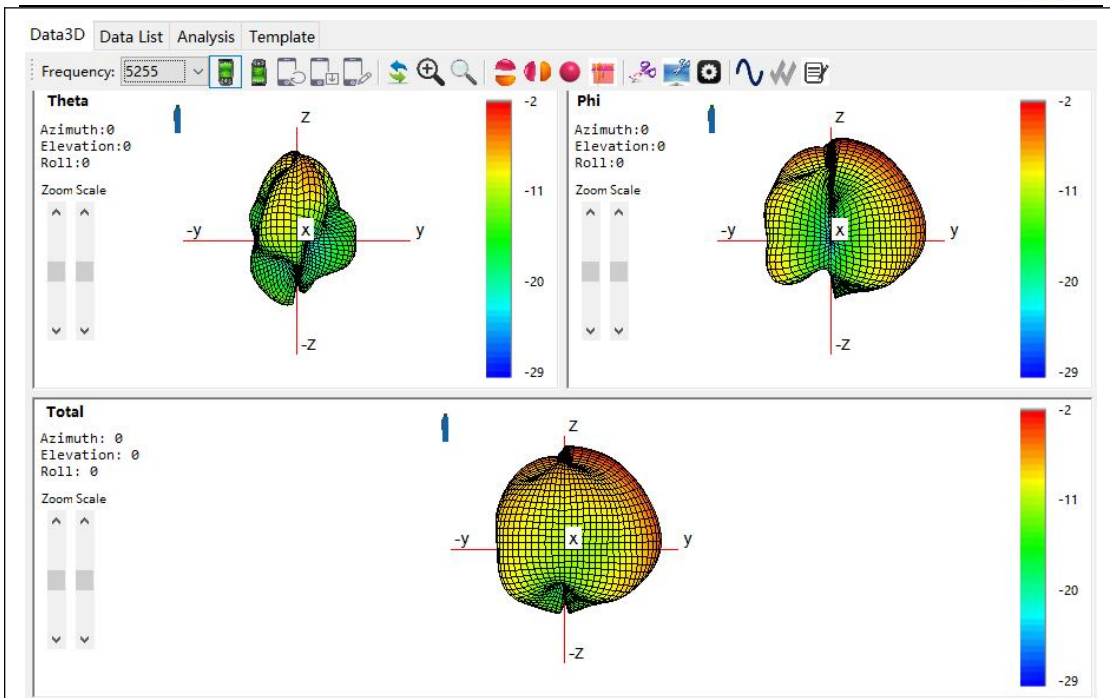
S11:



Smith:

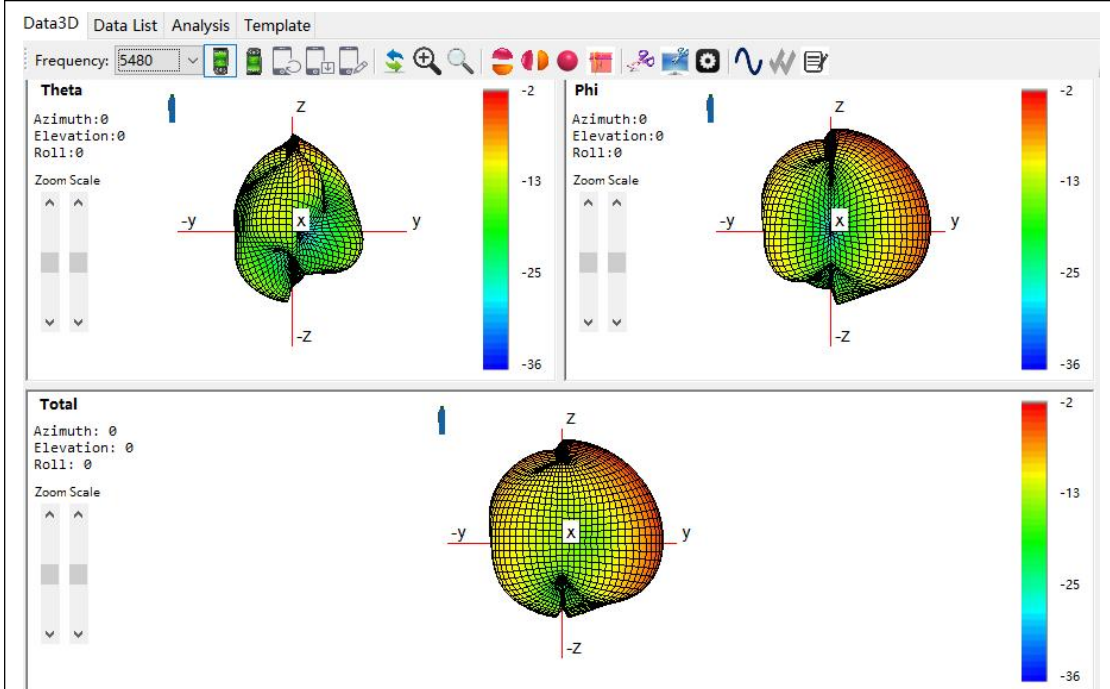






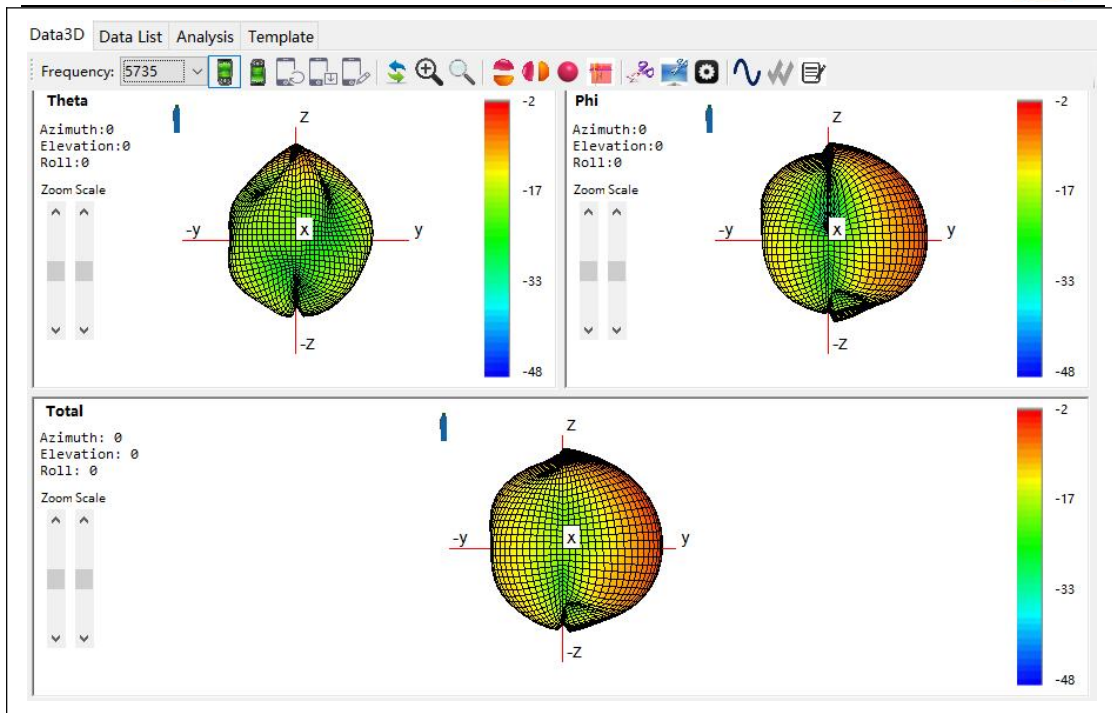
Frequency

5480MHz



Frequency

5735MHz



3. Main Test Instruments

Name	Manufacturer	Model name	Serial Number	Software	Cal., Date	Exp., Date
P9371A	KEYSIGHT	P9371A	MY57212591	Network Analyzer	2024-3-29	2025-3-29

4. Test Site

Shanghai



End