



Antenna Performance Description

Applicant: Xiaomi Communications Co., Ltd

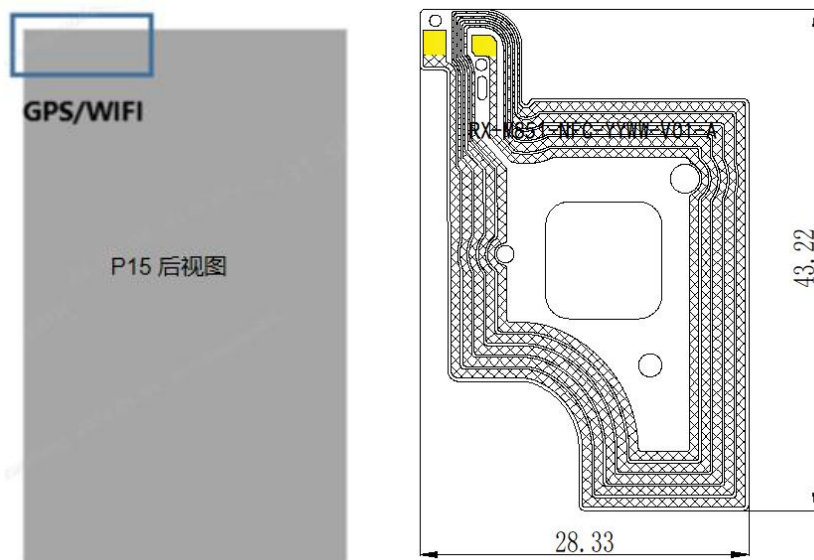
Antenna Model: P15 Antenna

Test date: 2025/05/30

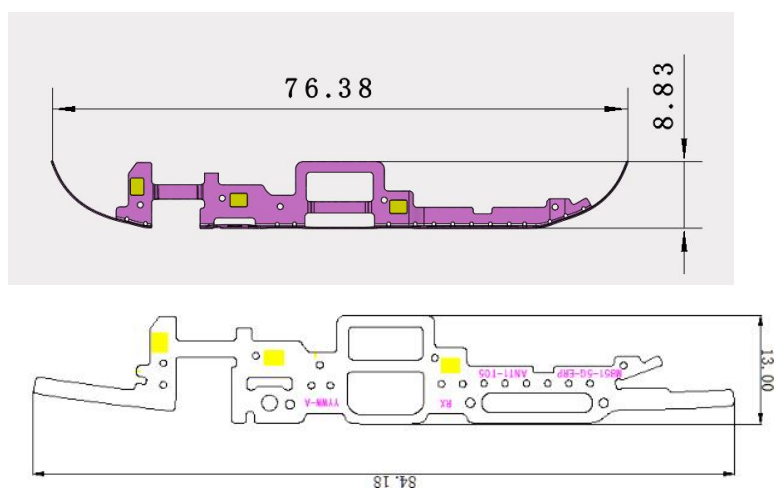


Antenna information

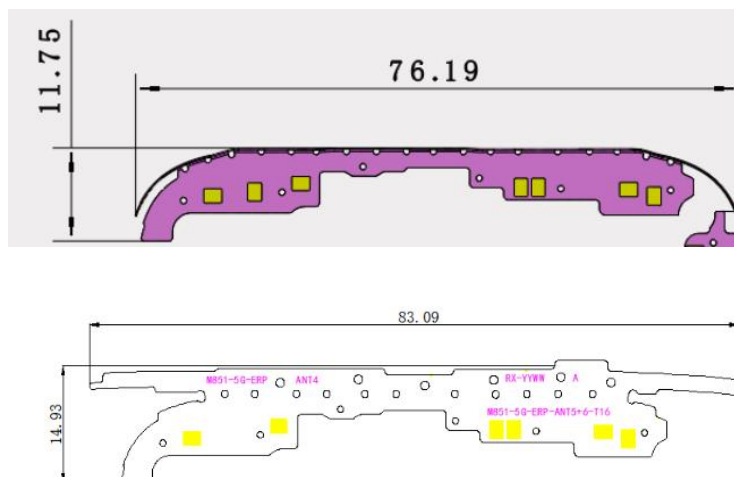
Antenna	Pattern	Antenna Type	Manufacturer	Address	Test party of Antenna gain
MAIN	FPC	PIFA Antenna	KunShan Innowave Communication Technology Co., Ltd.	Building H, No. 55, Shengchuang Road, Yushan Town, Kunshan City, Jiangsu Province, China	Kunshan Innowave Communication Technology Co., Ltd.
DIV	FPC	LOOP Antenna	KunShan Innowave Communication Technology Co., Ltd.	Building H, No. 55, Shengchuang Road, Yushan Town, Kunshan City, Jiangsu Province, China	Kunshan Innowave Communication Technology Co., Ltd.
GPS/WIFI/BT	FPC	PIFA Antenna	KunShan Innowave Communication Technology Co., Ltd.	Building H, No. 55, Shengchuang Road, Yushan Town, Kunshan City, Jiangsu Province, China	Kunshan Innowave Communication Technology Co., Ltd.
ENDC/Sub-6 TRX	FPC	PIFA Antenna	KunShan Innowave Communication Technology Co., Ltd.	Building H, No. 55, Shengchuang Road, Yushan Town, Kunshan City, Jiangsu Province, China	Kunshan Innowave Communication Technology Co., Ltd.
Div MIMO	FPC	PIFA Antenna	KunShan Innowave Communication Technology Co., Ltd.	Building H, No. 55, Shengchuang Road, Yushan Town, Kunshan City, Jiangsu Province, China	Kunshan Innowave Communication Technology Co., Ltd.
N77/78 PRX	FPC	PIFA Antenna	KunShan Innowave Communication Technology Co., Ltd.	Building H, No. 55, Shengchuang Road, Yushan Town, Kunshan City, Jiangsu Province, China	Kunshan Innowave Communication Technology Co., Ltd.
N77/78 DRX	FPC	PIFA Antenna	KunShan Innowave Communication Technology Co., Ltd.	Building H, No. 55, Shengchuang Road, Yushan Town, Kunshan City, Jiangsu Province, China	Kunshan Innowave Communication Technology Co., Ltd.



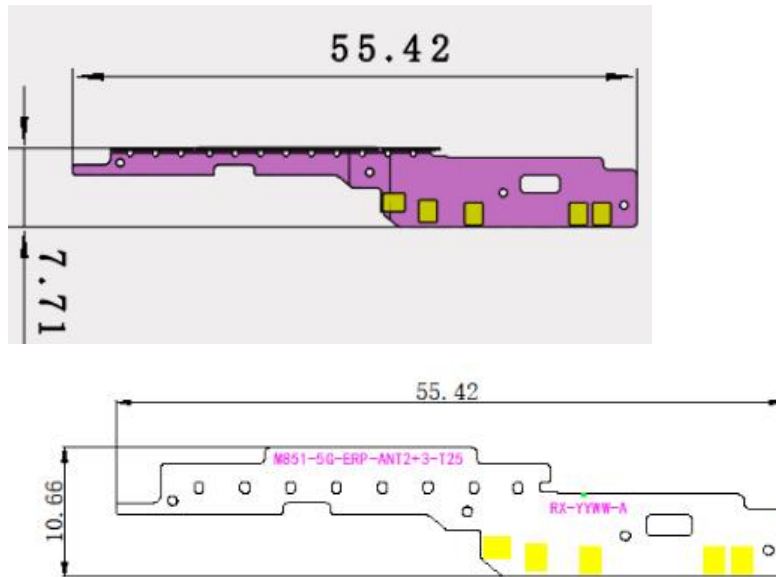
Main ANT



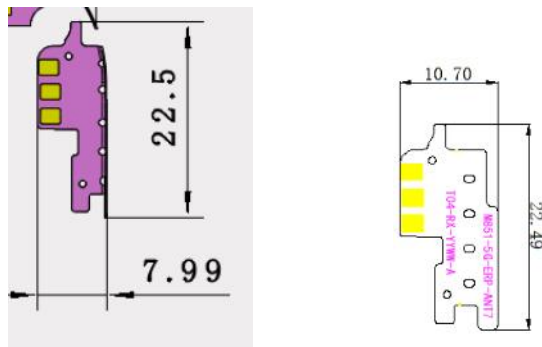
DIV + GPS/WIFI/BT +N77/78 PRX ANT



N77/78 DRX +ENDC/Sub-6 TRX ANT



Div MIMO ANT

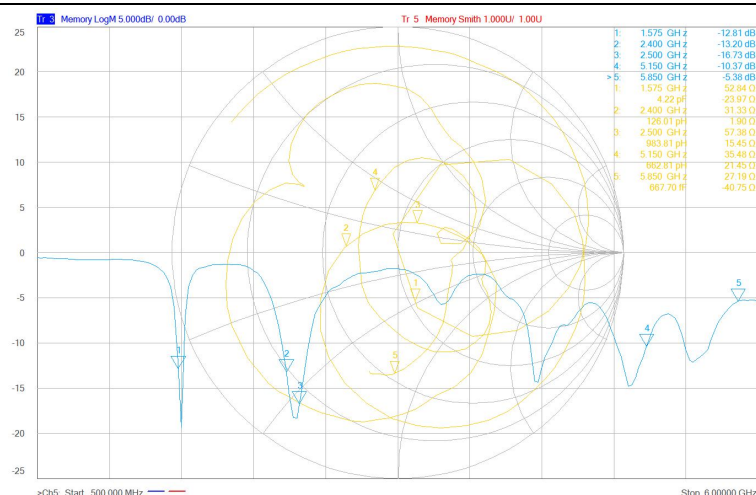


1. Test data

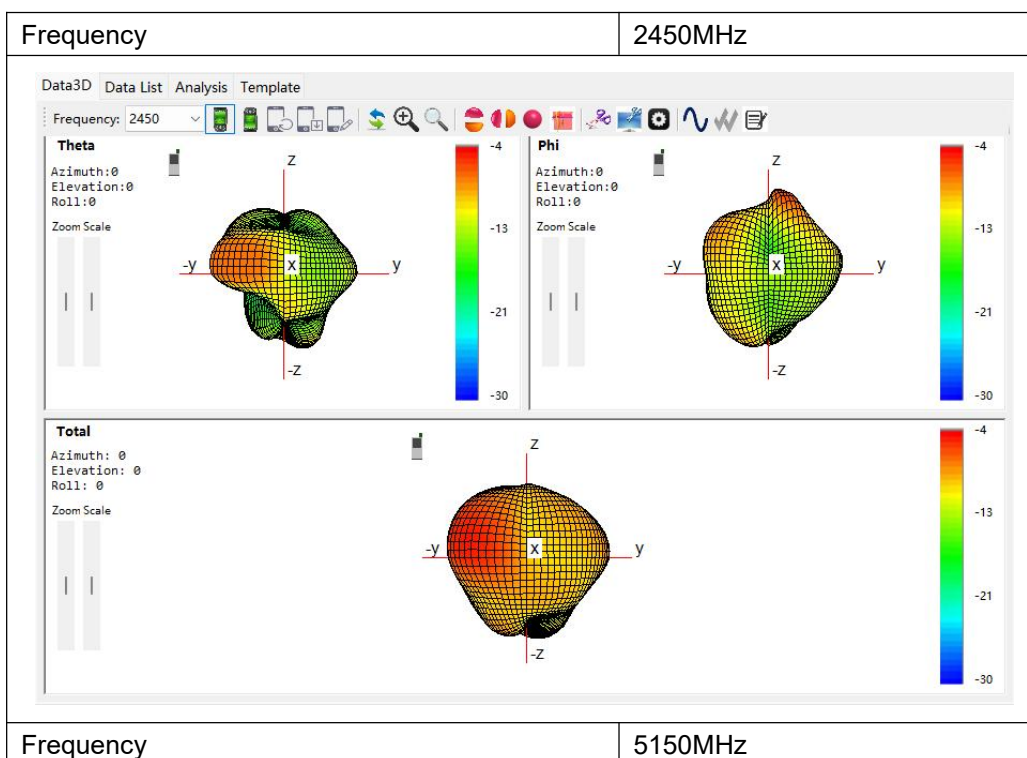
Band for Antenna	GPS/WIFI/BT ant	
	Effi.(dBi)	Peak gain(dBi)
2.4G	-4.4	0.4
5G (5.15-5.25GHz)	-5.1	-1.3
5G (5.25-5.35GHz)	-5.1	-0.5
5G (5.47-5.725GHz)	-5.1	0.2
5G (5.725-5.85GHz)	-5.6	-0.2
Bluetooth	-4.4	0.4

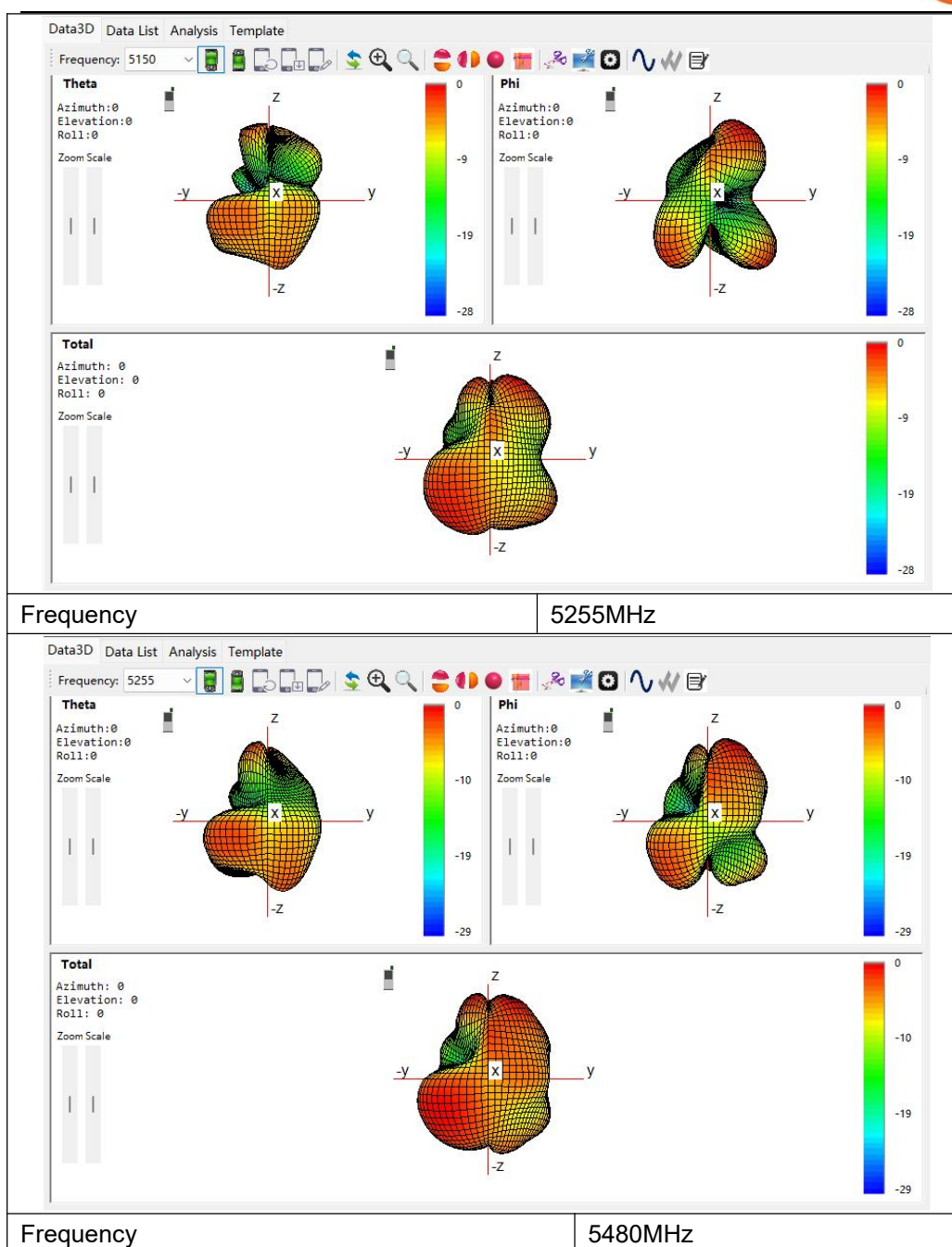
S11:

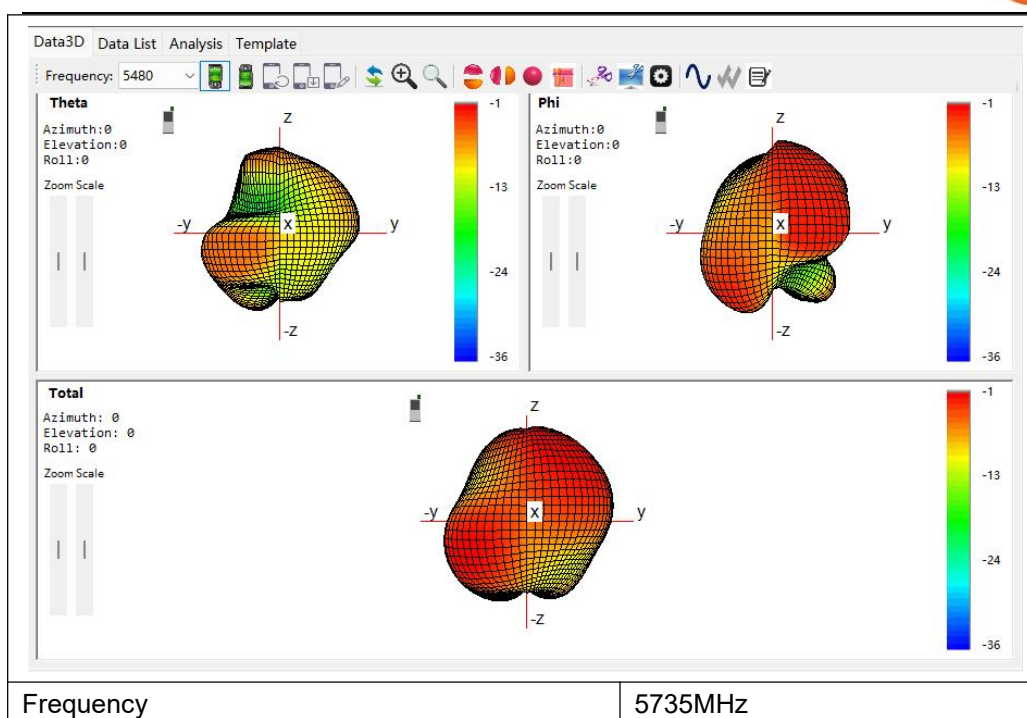
GPS/WIFI/BT



3D:







2. Main Test Instruments

Name	Manufacturer	Model name	Serial Number	Software	Cal., Date	Exp., Date
P9371A	KEYSIGHT	P9371A	MY57212591	Network Analyzer	2025-3-12	2026-3-12

3. Test Site

Shanghai



End of Test Report