



Antenna Performance Description

Applicant: Xiaomi Communications Co., Ltd

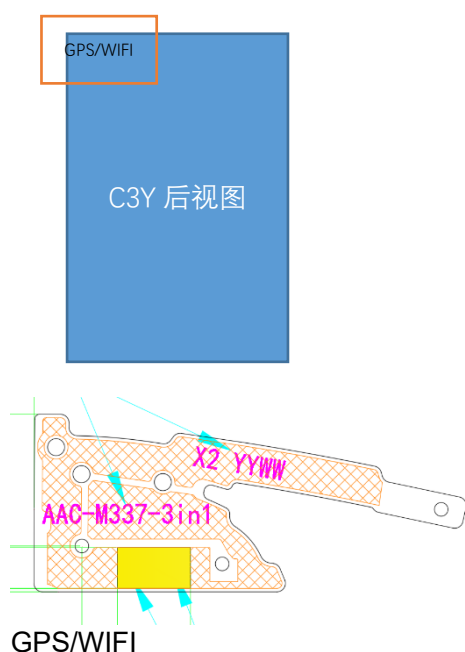
Antenna Model: C3Y Antenna

Test date: 2023/10/18



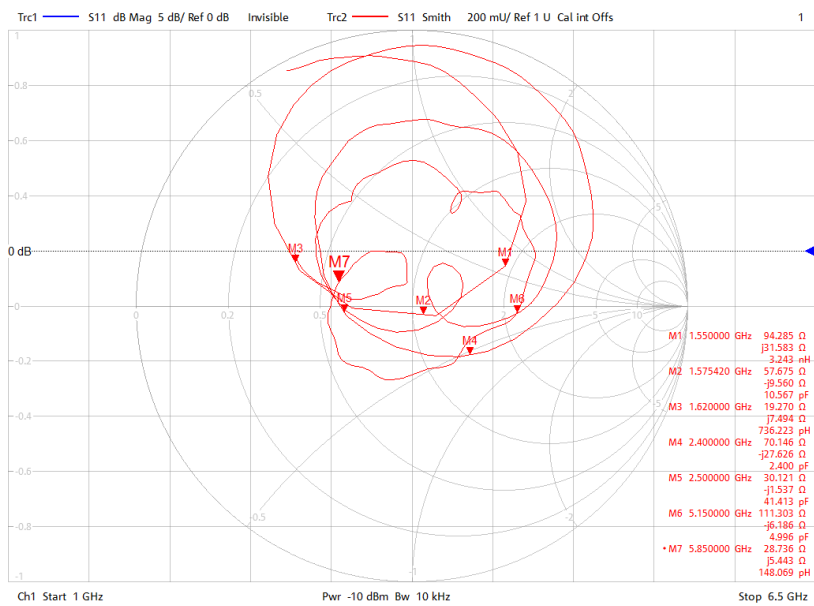
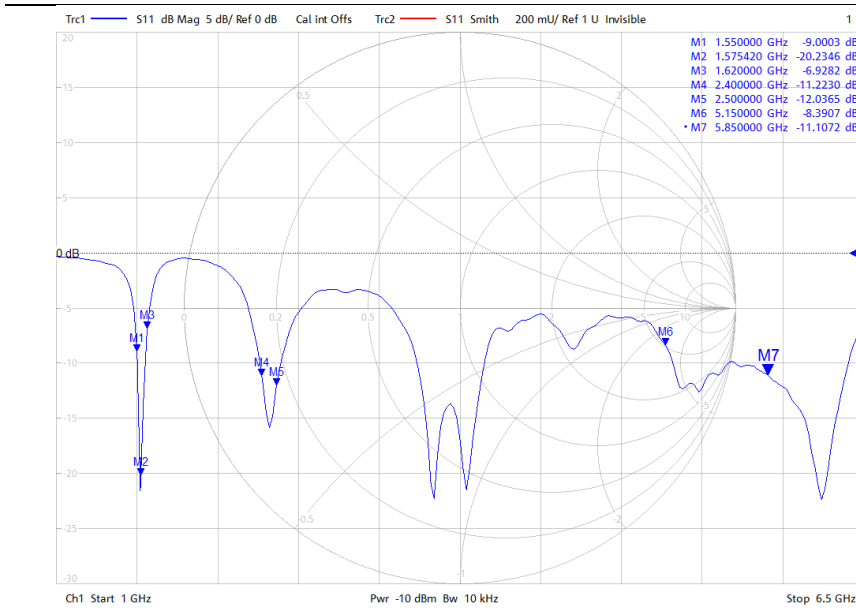
1. Antenna information

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. , Xinxi Road, North Hi-Tech Industrial Park, Nanshan District, Shenzhen, P.R. China 518057	AAC Technologies Holdings Inc.



2. Test data

Band for Antenna		
	Effi.(dBi)	peak gain(dBi)
2.4G	-4.45	0.13
5G (5.15-5.25GHz)	-5.35	0.75
5G (5.25-5.35GHz)	-5.23	0.75
5G (5.47-5.725GHz)	-4.85	1.39
5G (5.725-5.85GHz)	-5.24	0.55
Bluetooth	-4.45	0.13

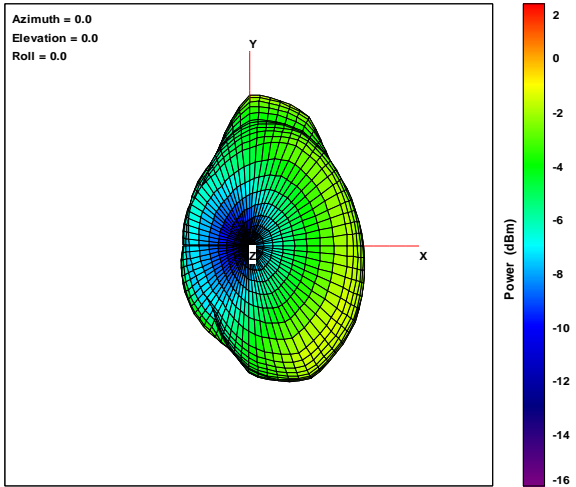




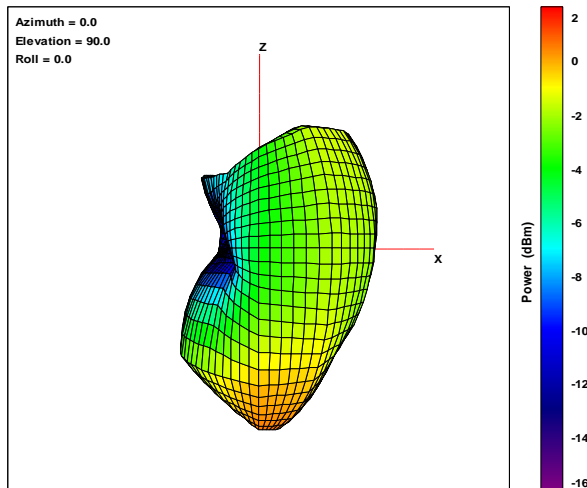
Frequency

2450MHz

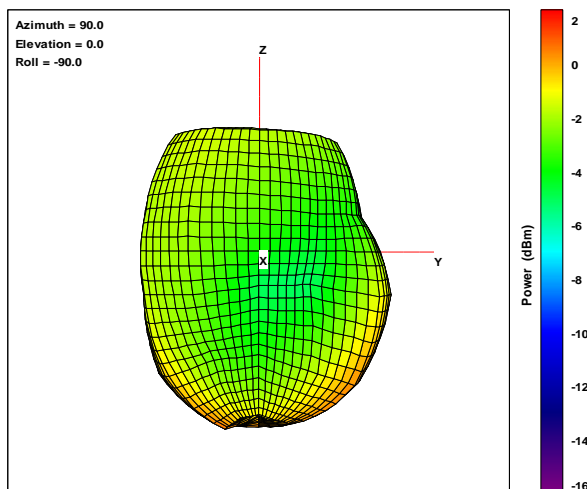
Total Power



Total Power



Total Power

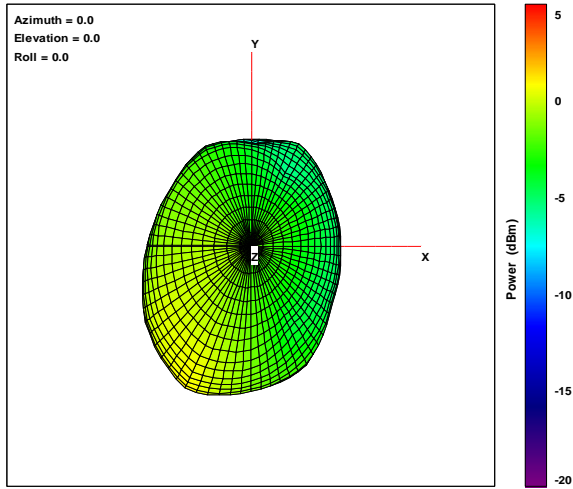




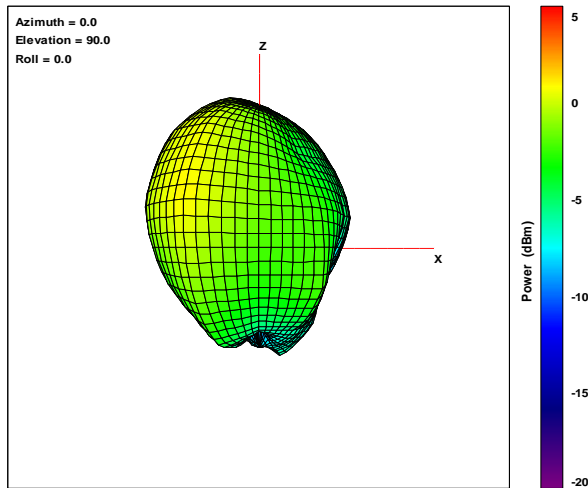
Frequency

5150MHz

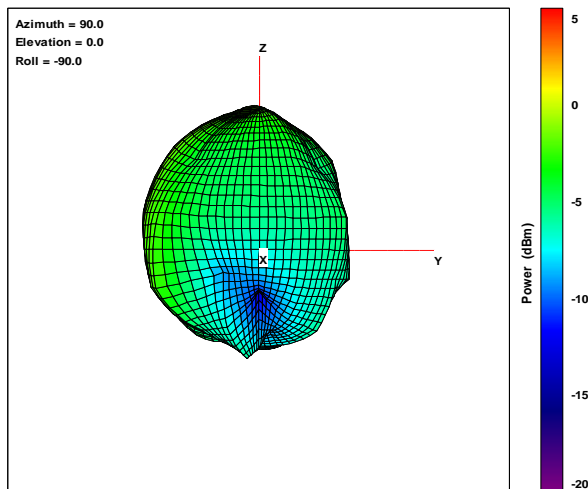
Total Power



Total Power



Total Power

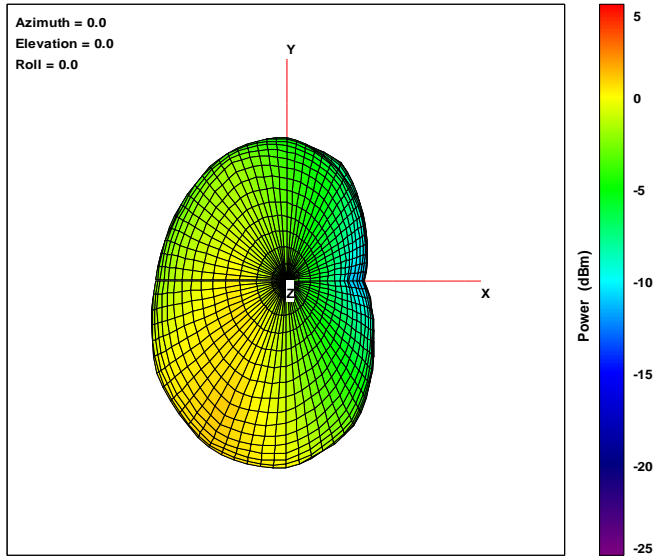




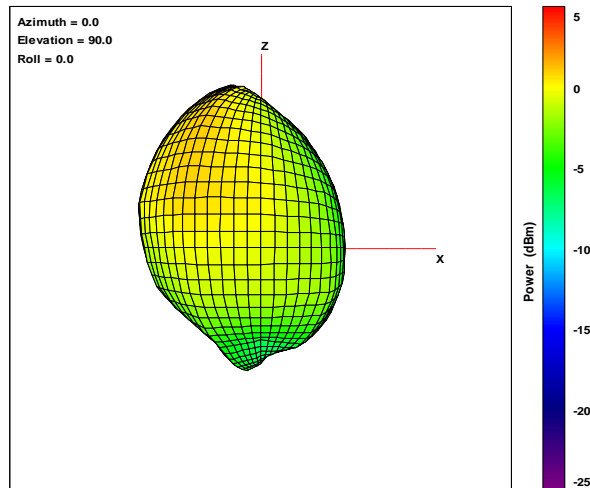
Frequency

5500MHz

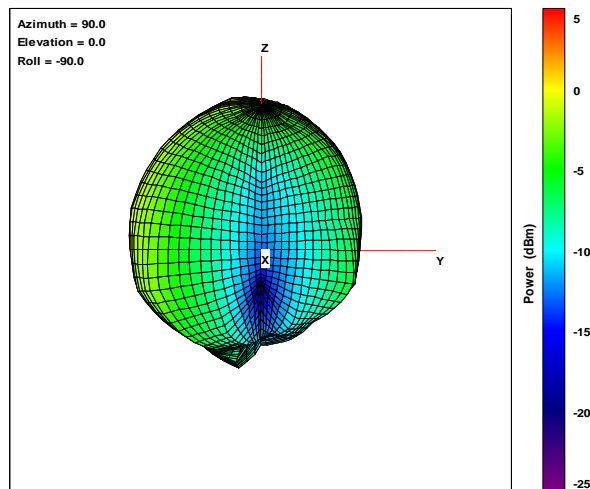
Total Power



Total Power



Total Power

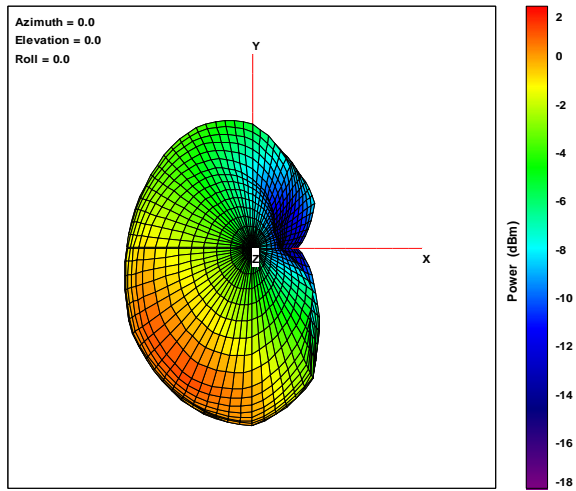




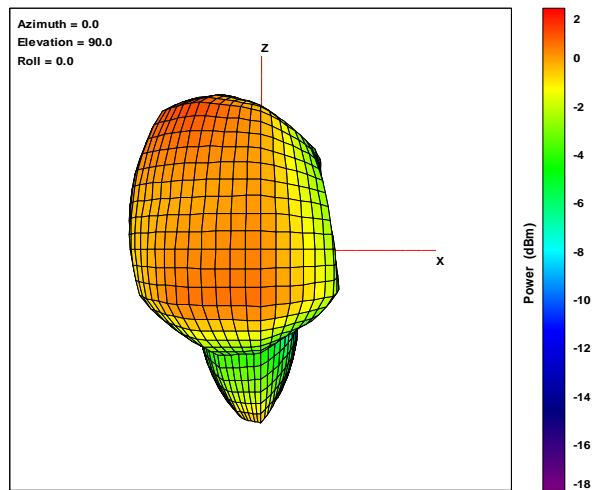
Frequency

5850MHz

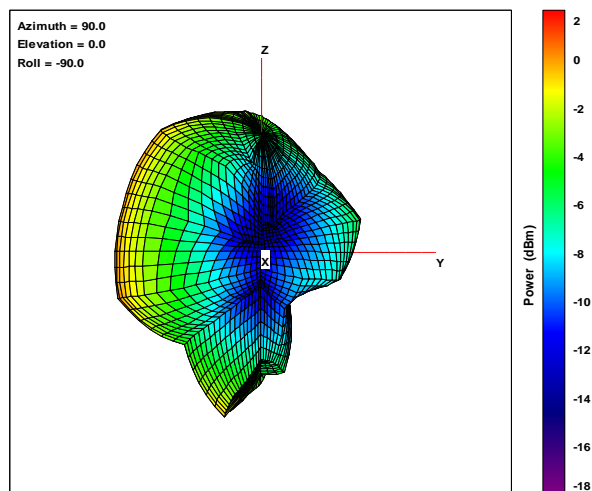
Total Power



Total Power



Total Power



3. Main Test Instruments

Name	Manufacturer	Model name	Serial Number	Software	Cal., Date	Exp., Date
ZNB8	R&S	ZNB8	106615	Vector Network Analyzer	2023-5-19	2024-5-18

4. Test Site

Suzhou ETS AMS-8923



End of Test Report