



Antenna Performance Description

Applicant: Xiaomi Communications Co., Ltd

Product description: Mobile Phone

Model Name: 24117RK2CG

FCC ID: 2AFZZRK2CG

Test date: 2024/09/07



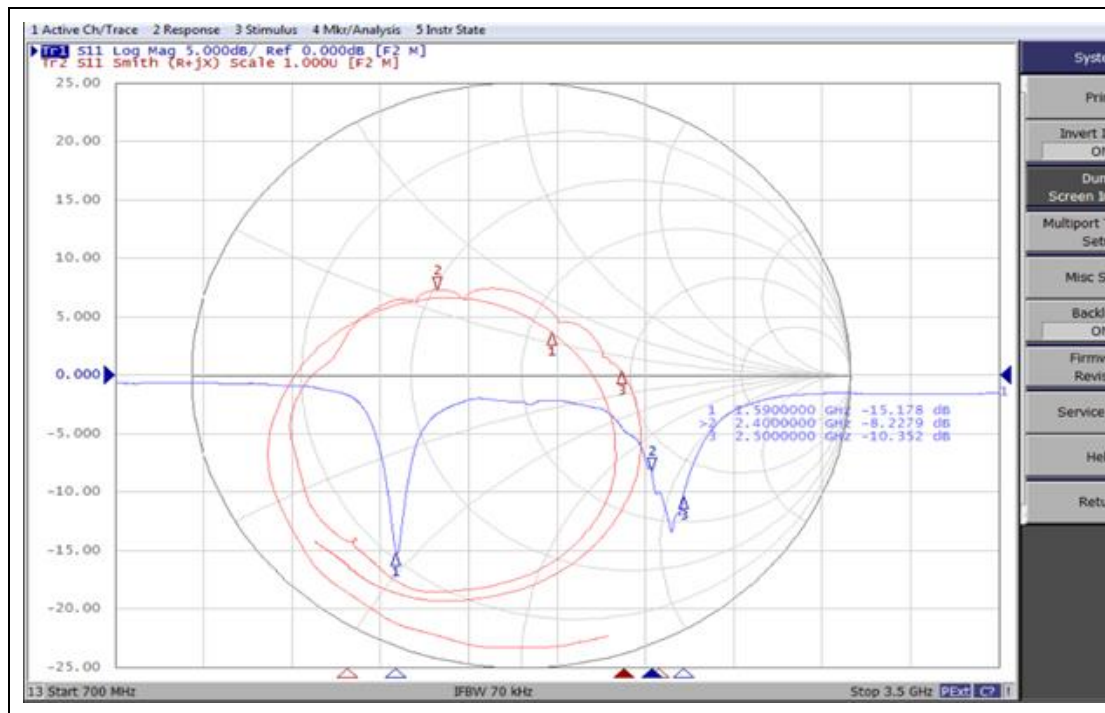
1. Antenna information

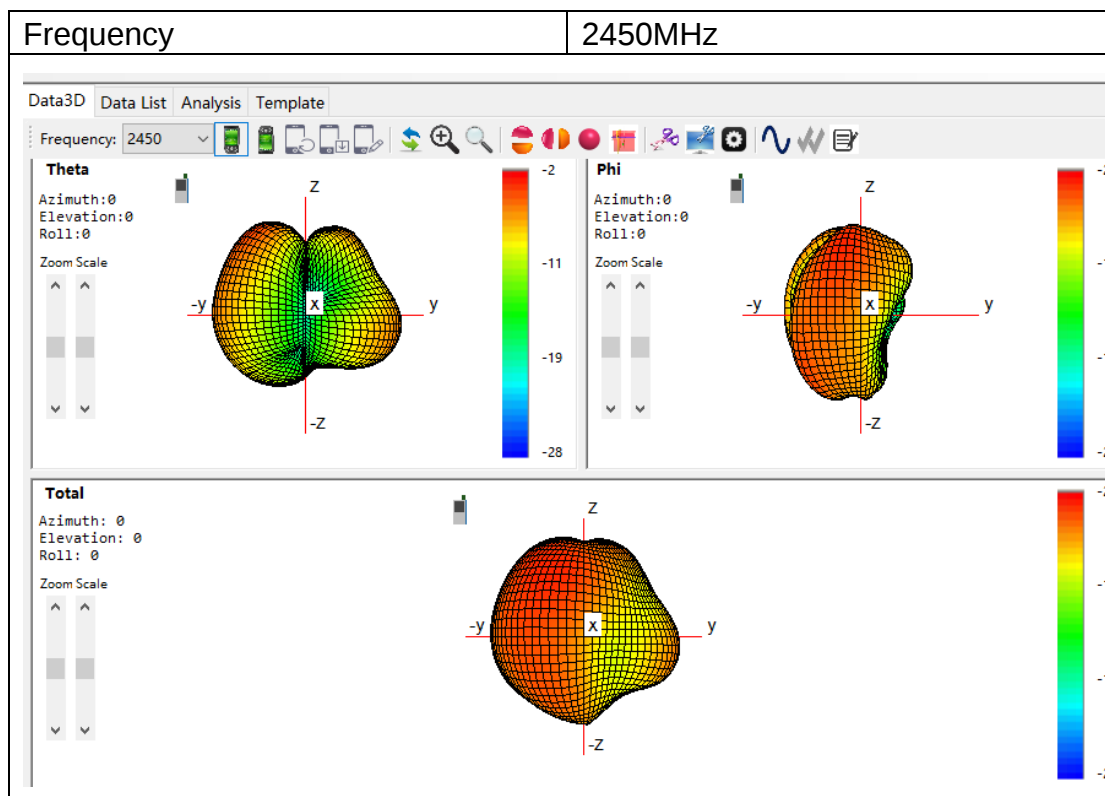
Antenna	Pattern	Antenna Type	Manufacturer	Test party of Antenna gain
ANT17&ANT6	Metal Frame	PIFA Antenna	HuiZhou BYD Electronics Co., Ltd &Biel Technology Manufactory(Huizhou)limited	Shenzhen Xiaomi Communications Co., Ltd.
ANT16&ANT7	Metal Frame	PIFA Antenna	HuiZhou BYD Electronics Co., Ltd &Biel Technology Manufactory(Huizhou)limited	Shenzhen Xiaomi Communications Co., Ltd.
NFC	Metal Frame FPC	FPC Antenna	Shenzhen Deman Electronics Technology Co.,LTD	Shenzhen Xiaomi Communications Co., Ltd.



2. Test data

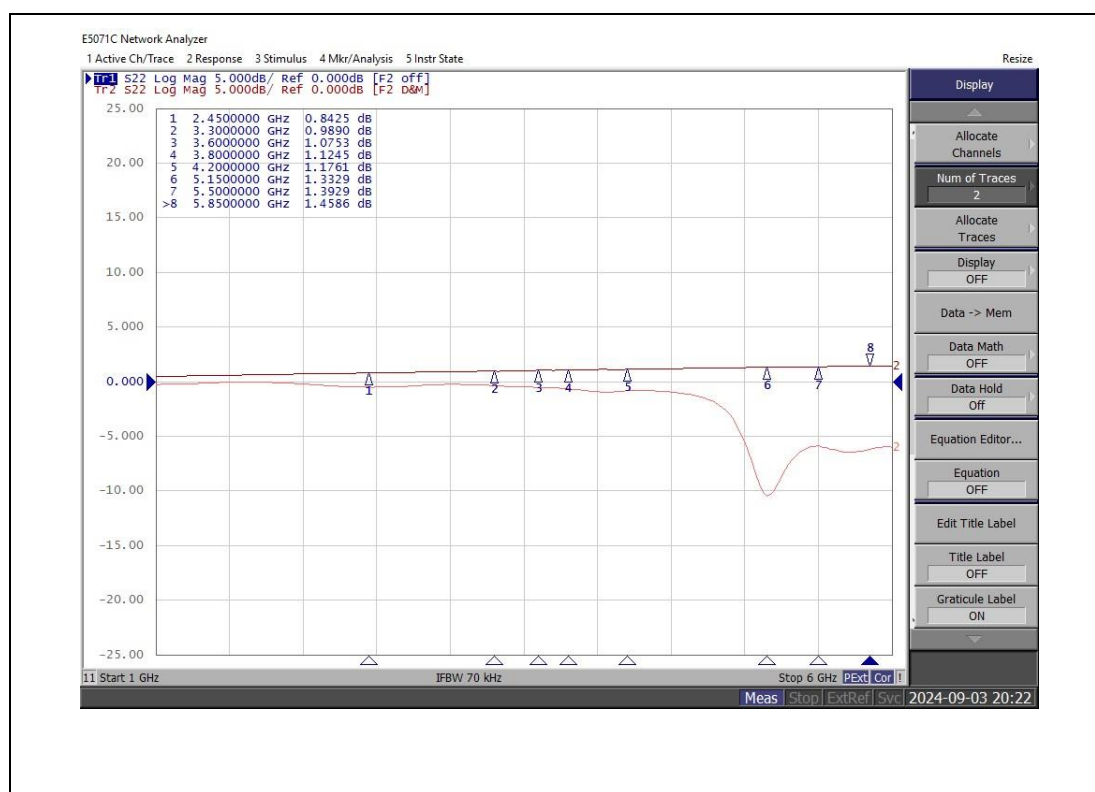
Band for ANT16&ANT7	WIFI 2.4G ant	
	Avg.Effi.(dBi)	Peak gain(dBi)
2.4G/ Bluetooth	-5.2	-2

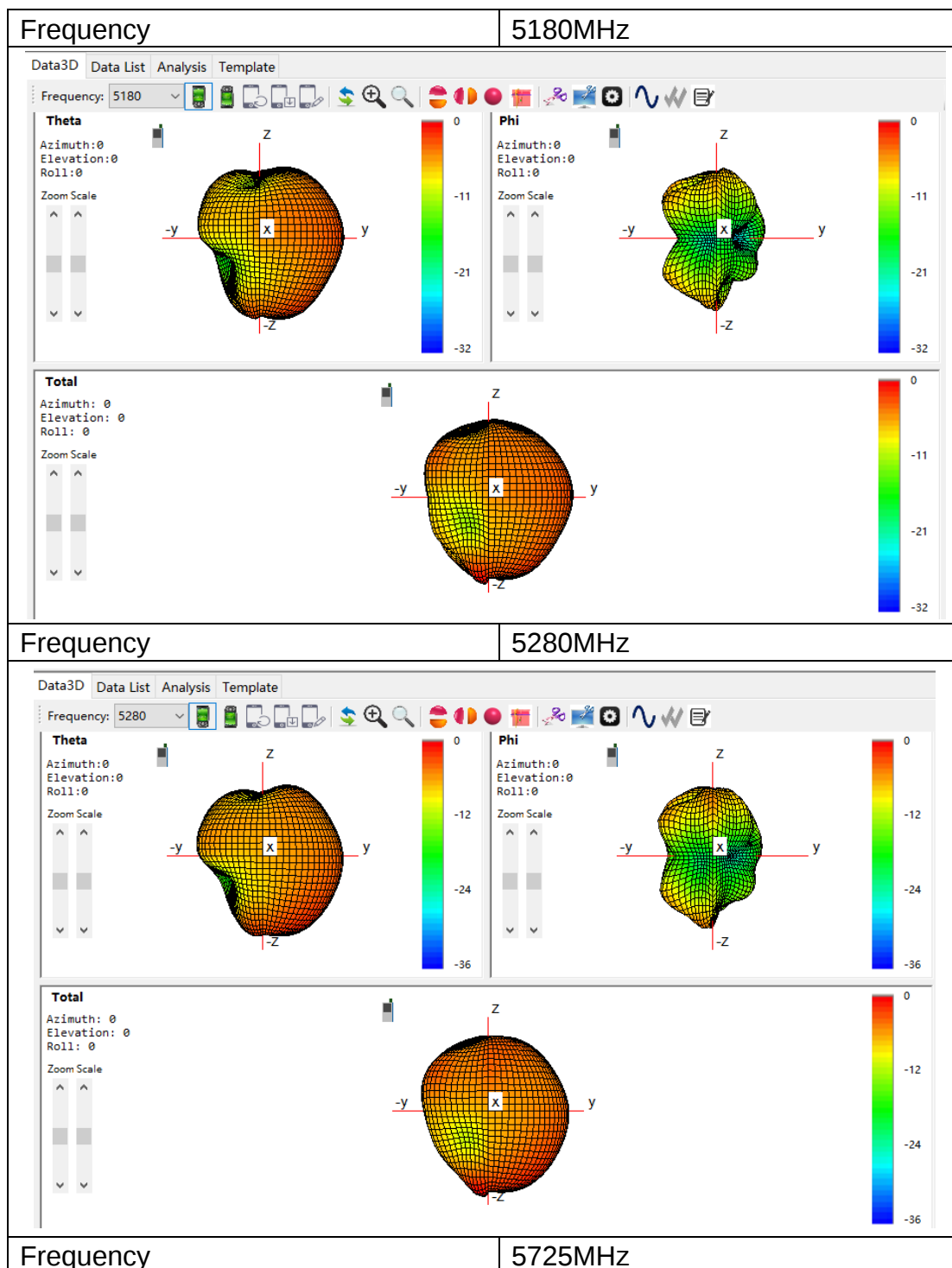


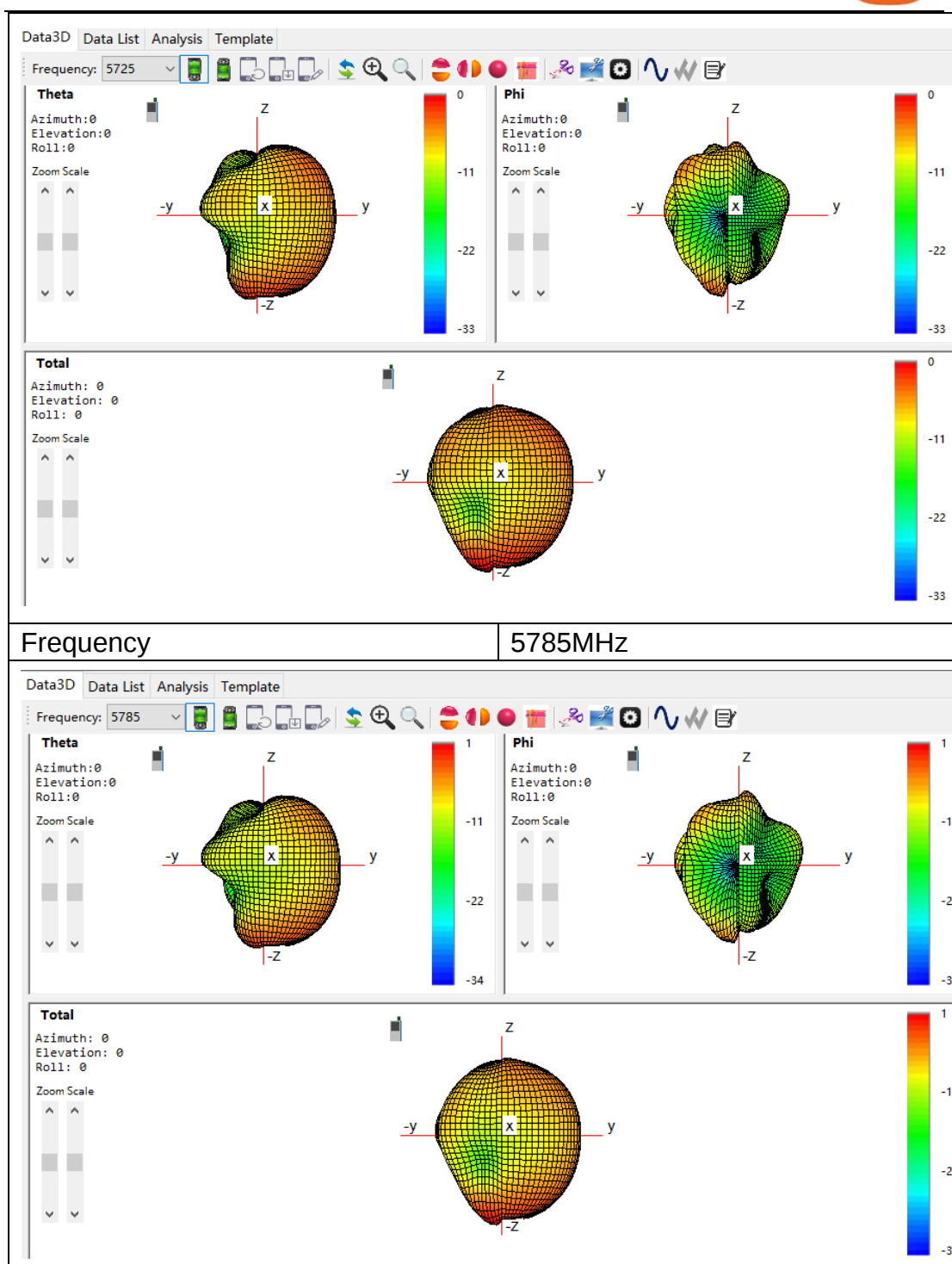




Band for ANT6&ANT17	WIFI 5G ant	
	Avg.Effi.(dBi)	Peak gain(dBi)
5G (5.15-5.25GHz)	-3.8	-2.2
5G (5.25-5.35GHz)	-4.0	-2.3
5G (5.47-5.725GHz)	-5.3	-1.8
5G (5.725-5.85GHz)	-5.4	-1.6







3. Main Test Instruments

Name	Manufacturer	Model name	Serial Number	Cal., Date	Exp., Date
E5071C	KEYSIGHT	E5071C	EQ80224	2024-4-6	2025-4-6

4. Test Site



End of Antenna Performance