



Antenna Performance Description

Applicant: Xiaomi Communications Co., Ltd

Product description: Mobile Phone

Model Name: 2211133G

FCC ID: 2AFZZ133G

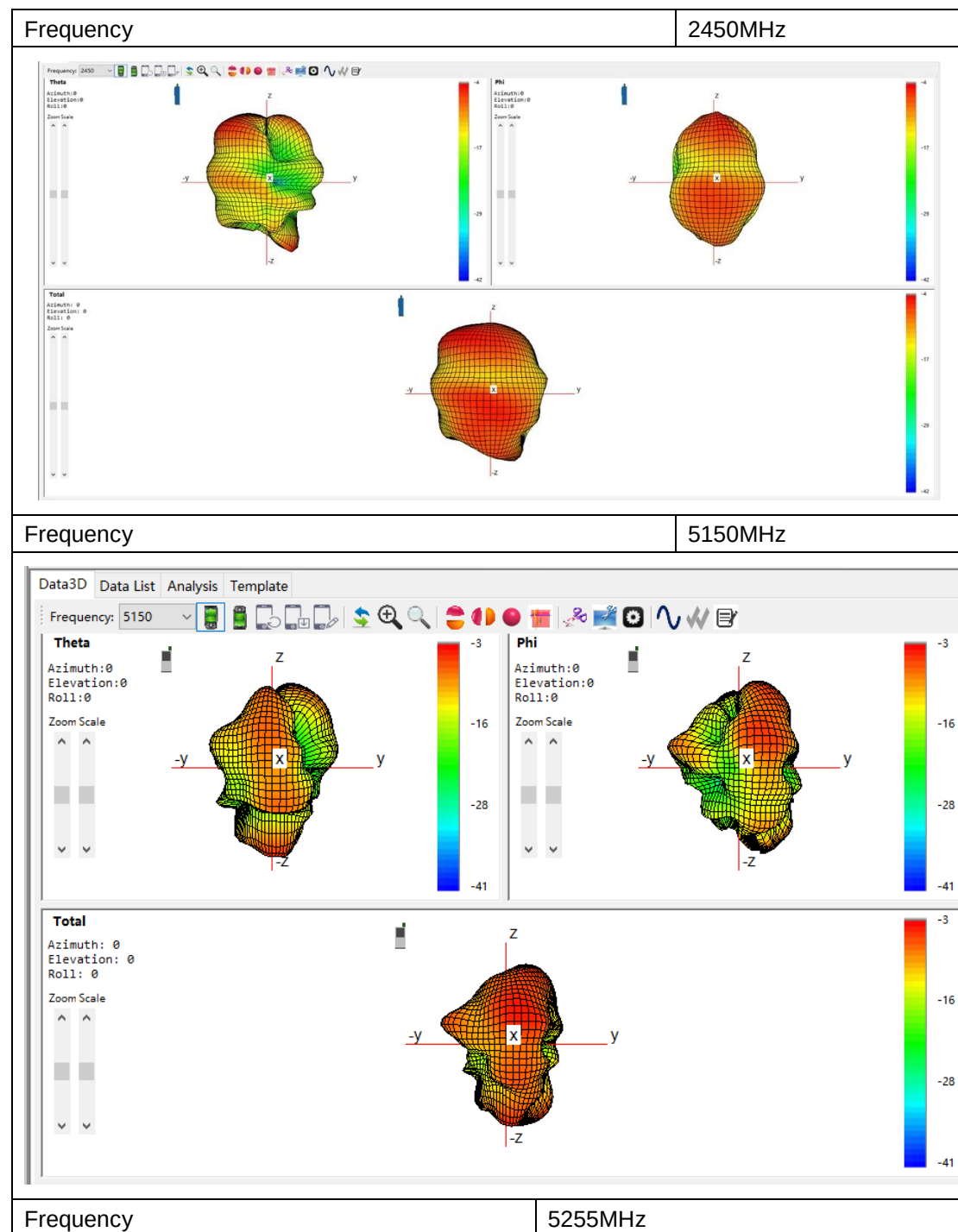
Test date: 2022/8/26

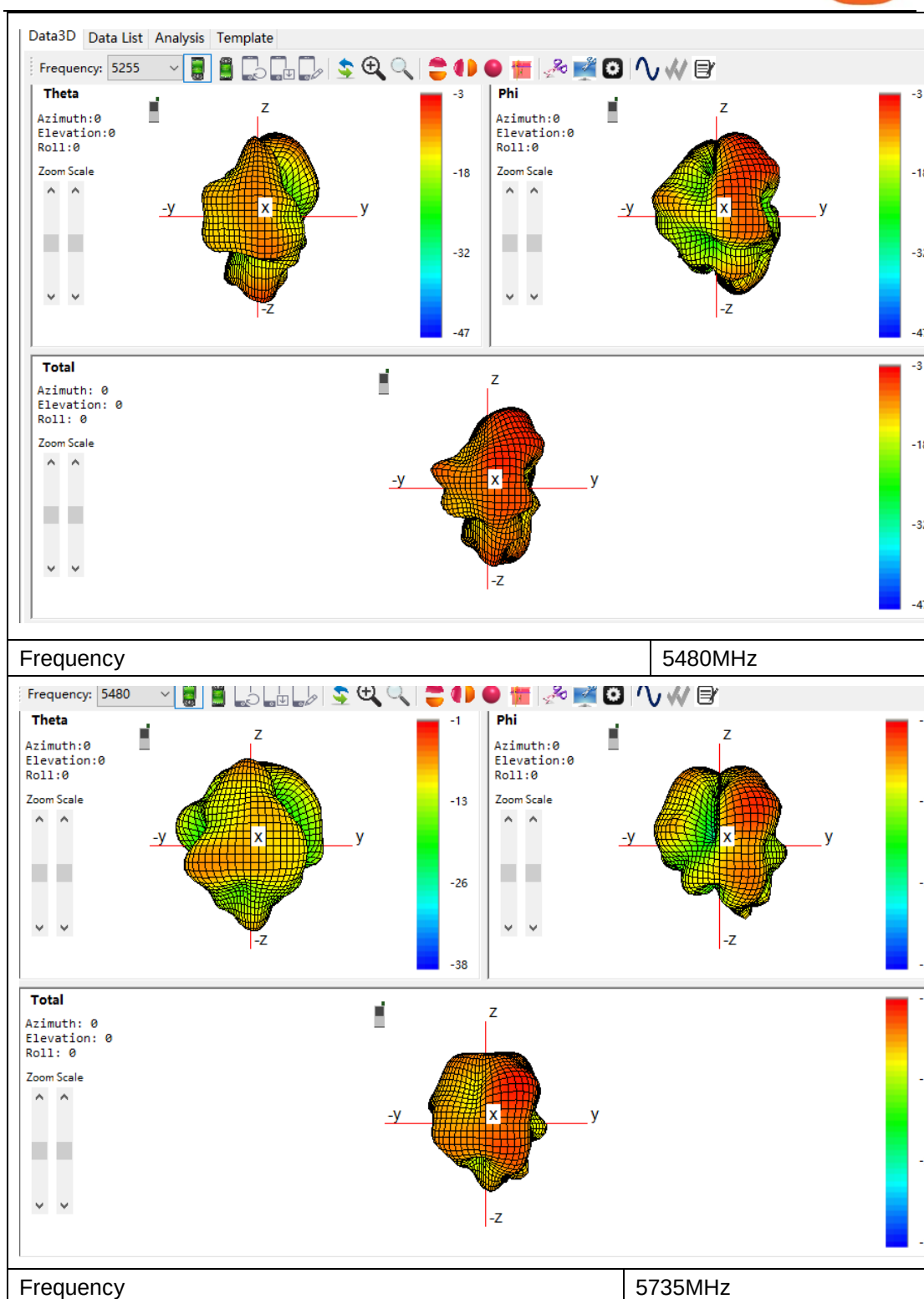


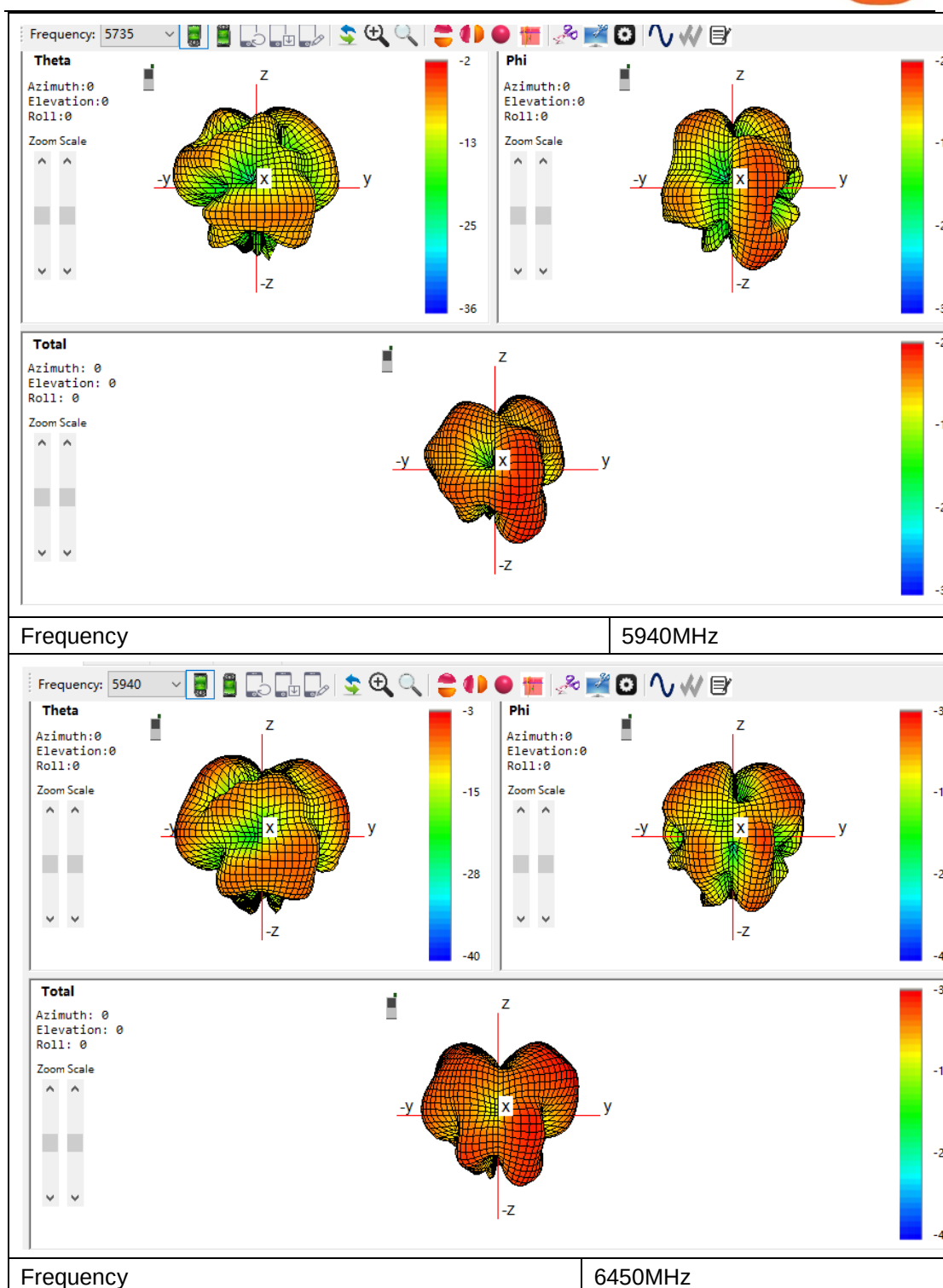
1. Antenna information

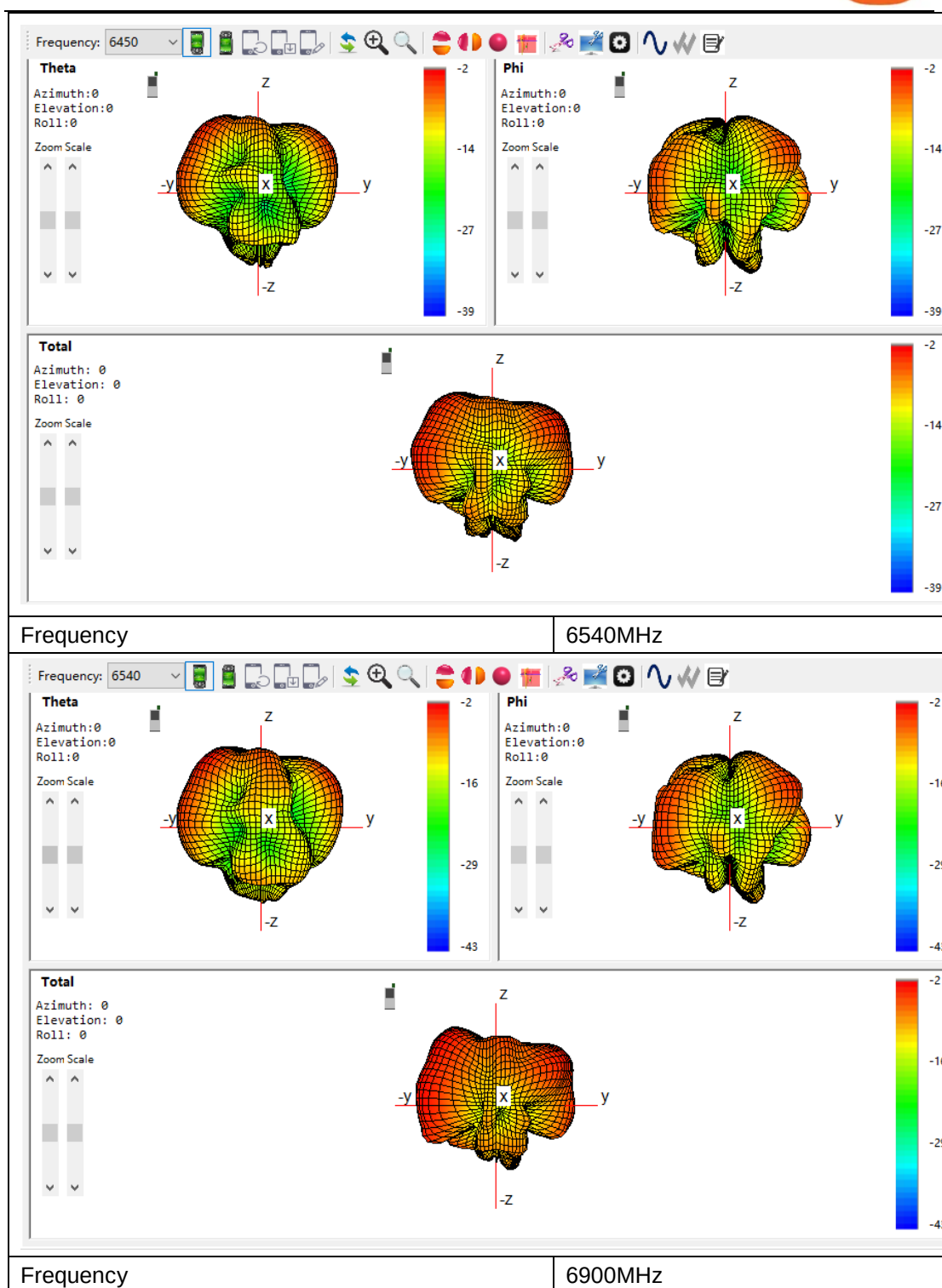
Antenna	Pattern	Antenna Type	Manufacturer	Test party of Antenna gain
ANT15	Metal Frame	PIFA Antenna	AAC KaiTai (Shenzhen) Sci-Tech Development Co., Ltd./Huizhou BYD Electronic Co., Ltd.	Shanghai Amphenol Airwave Communication Electronics Co., Ltd
ANT18	Metal Frame	PIFA Antenna	AAC KaiTai (Shenzhen) Sci-Tech Development Co., Ltd./Huizhou BYD Electronic Co., Ltd.	Shanghai Amphenol Airwave Communication Electronics Co., Ltd
NFC	N/A	FPC (Flexible Printed Circuit) antenna 50.8mm*39mm	Shanghai Deman Electronic Technology	N/A
WPT	N/A	Coil antenna Diameter: 49.6mm	LUXSHAREICT	N/A

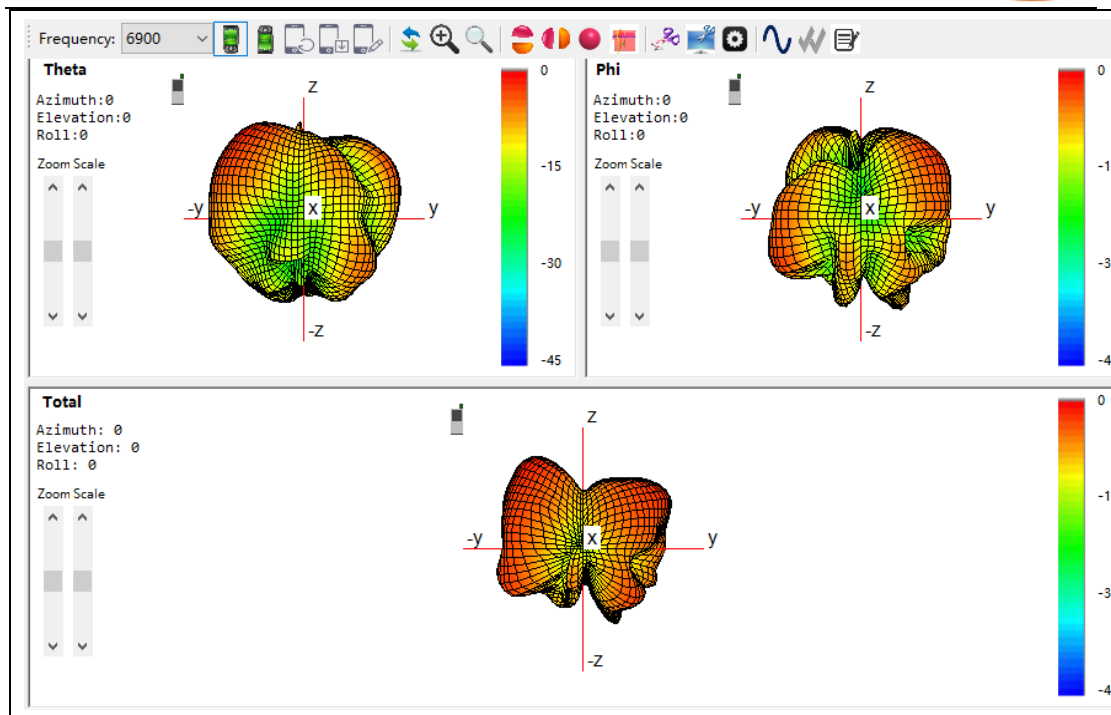
[illegible]



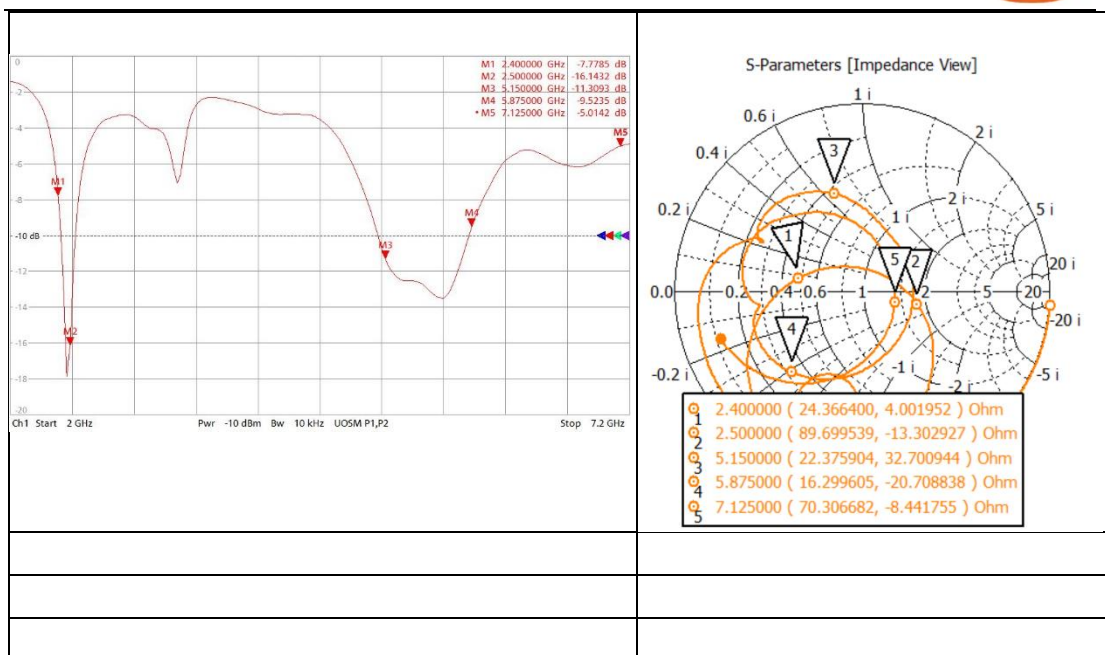


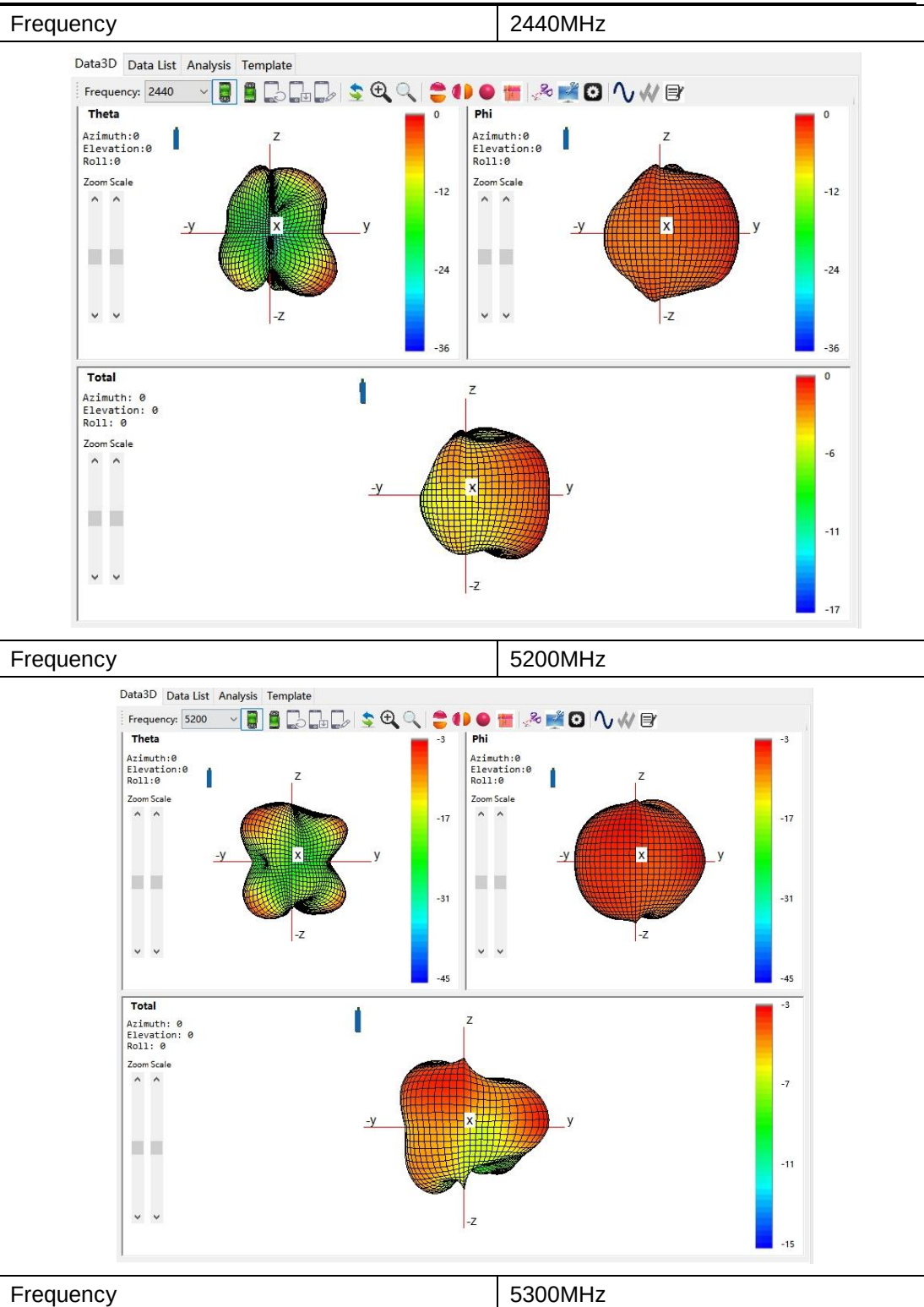


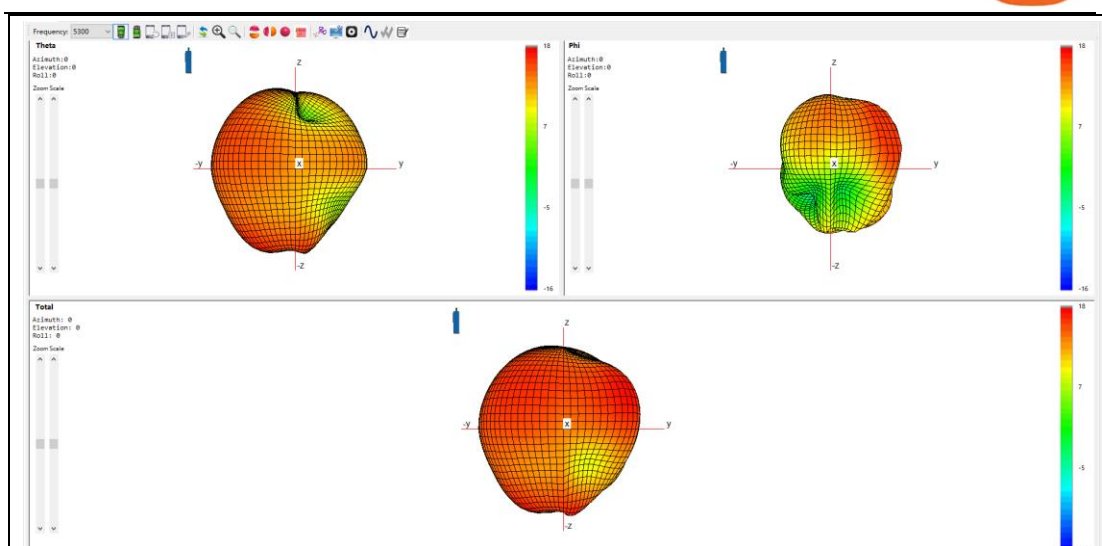




Band for Antenna 18	Combo ant	
	Effi.(dBi)	peak gain(dBi)
2.4G	-5.5	-0.1
5G (5.15-5.25GHz)	-6.3	-3.6
5G (5.25-5.35GHz)	-6	-3
5G (5.47-5.725GHz)	-6.6	-2
5G (5.725-5.85GHz)	-7.1	-2.85
6G (5.925-6.425GHz)	-8.5	-5
6G (6.425-6.525GHz)	-8.9	-5
6G (6.525-6.875GHz)	-9	-5.2
6G (6.875-7.125GHz)	-10.4	-5
Bluetooth	-5.5	-0.1

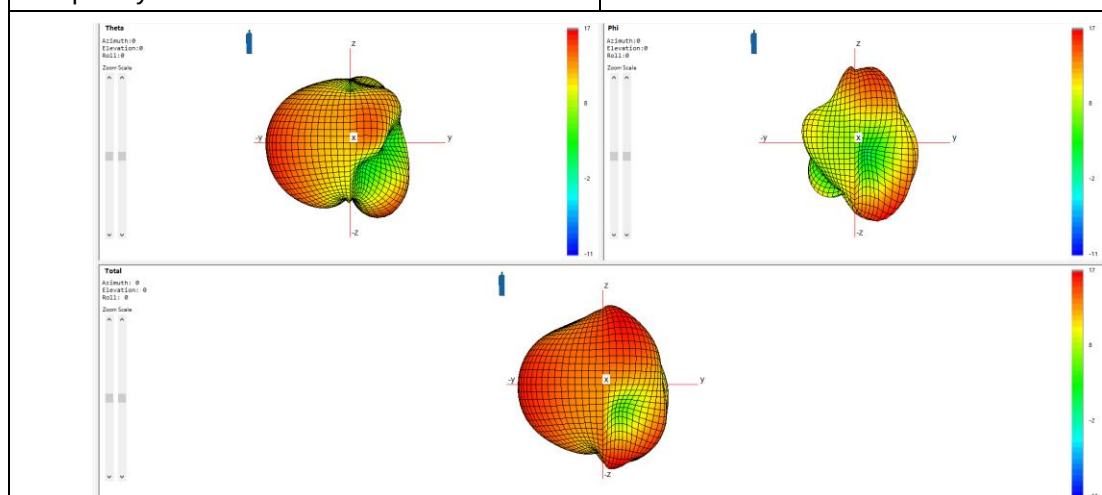






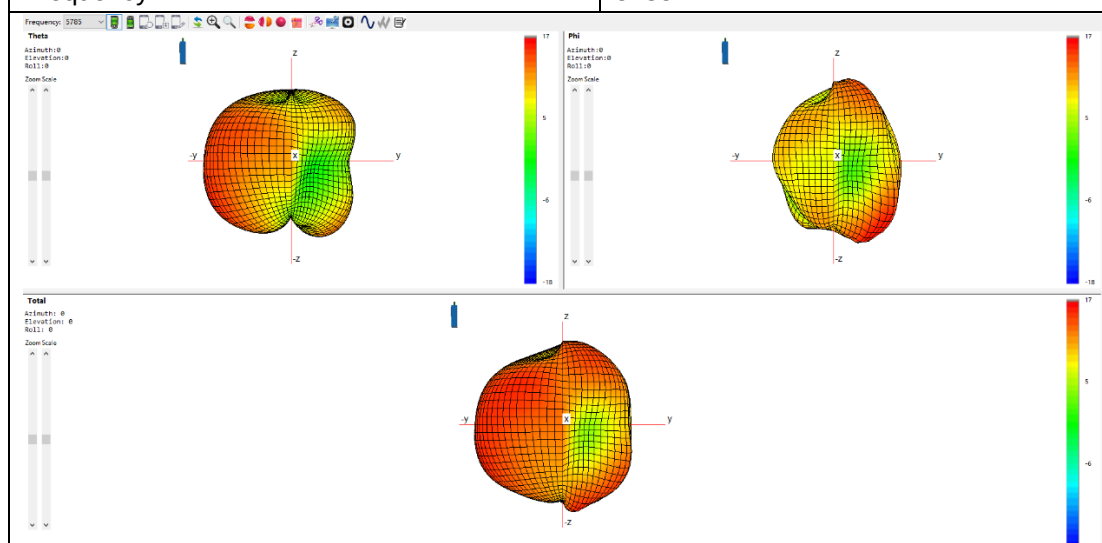
Frequency

5600MHz



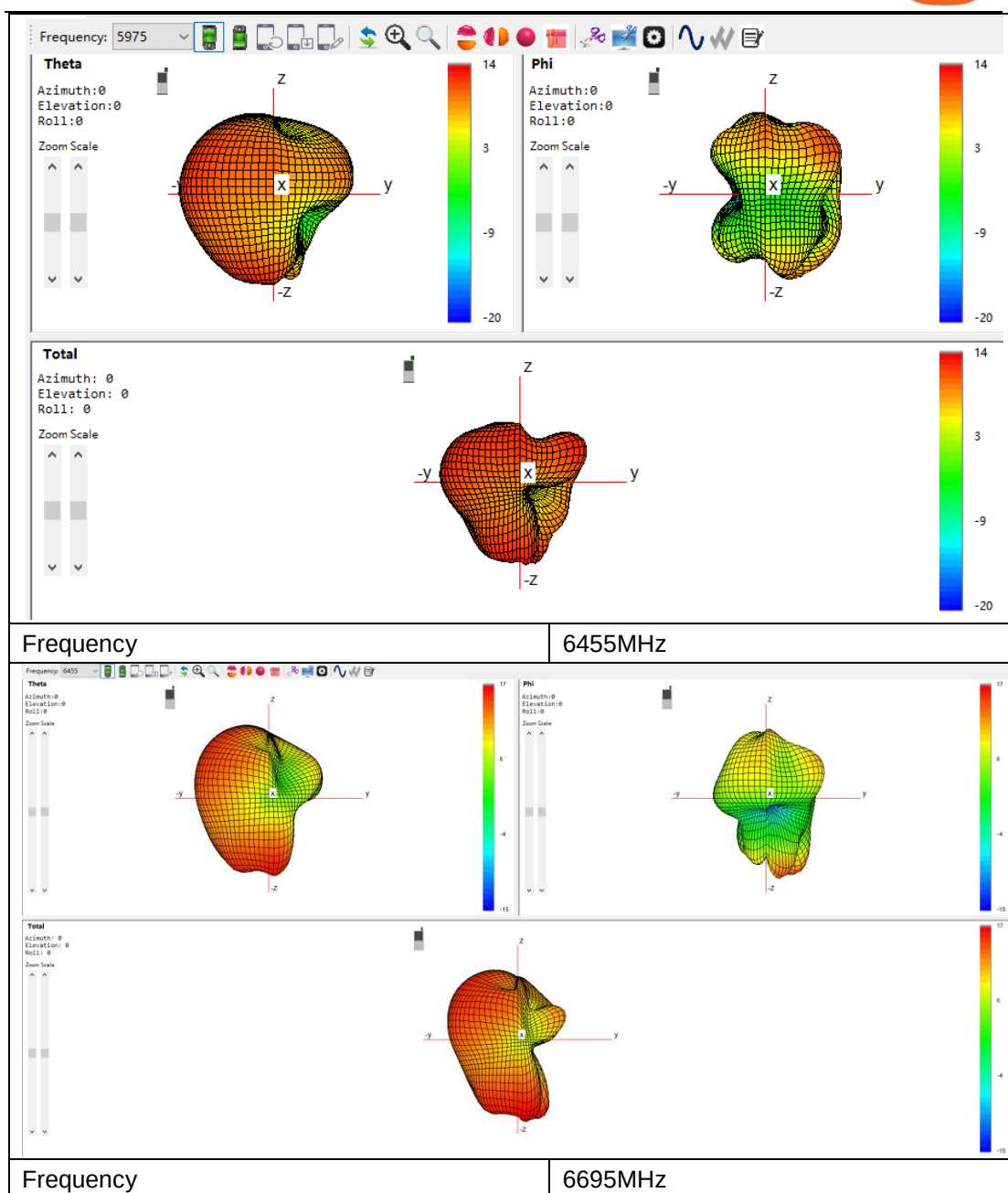
Frequency

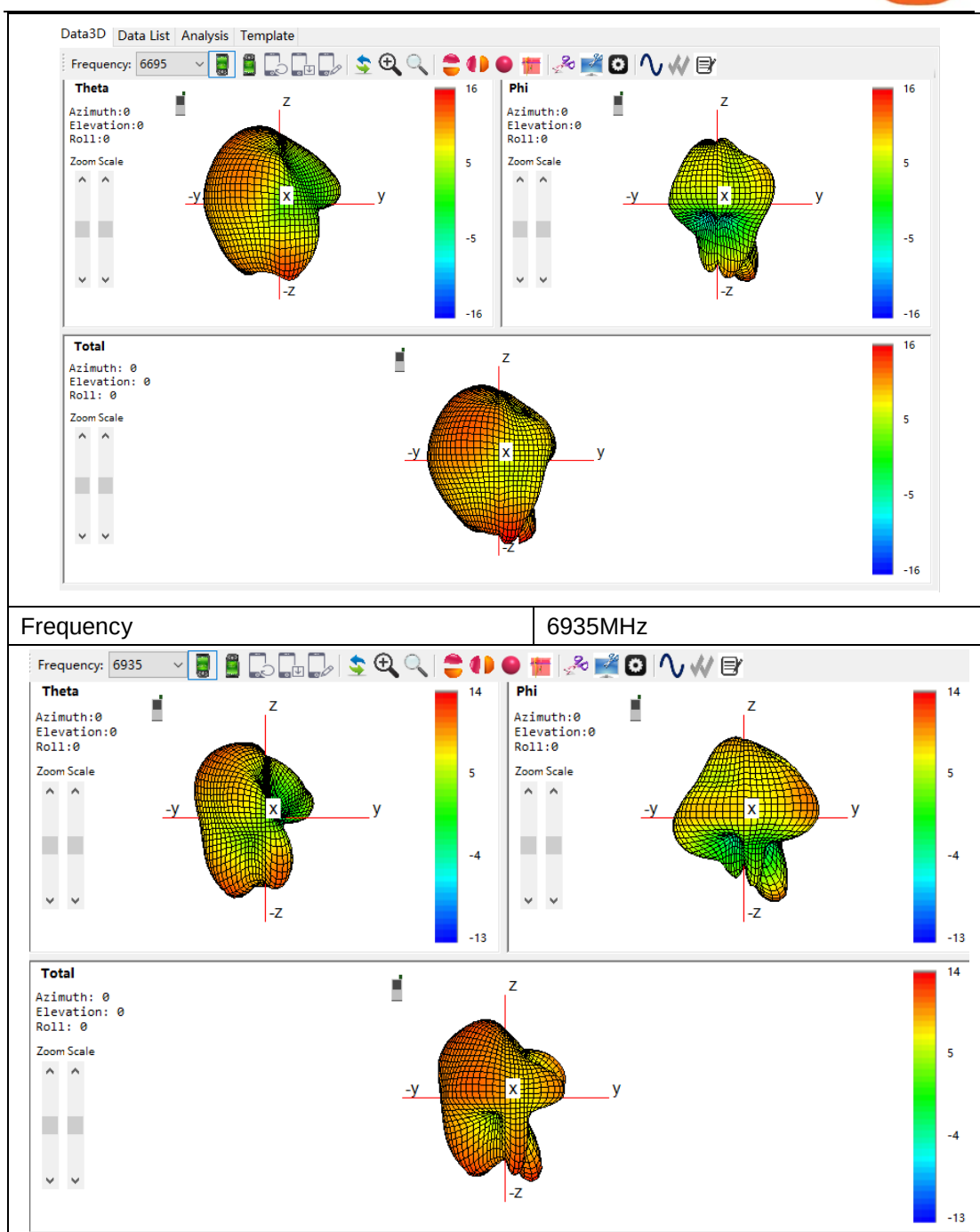
5785MHz



Frequency

5975MHz







3. Main Test Instruments

Name	Manufacturer	Model name	Serial Number	Cal., Date	Exp., Date
E5071C	KEYSIGHT	E5071C	EQ60215	2022-4-21	2023-4-20