Antenna Performance Description

Applicant:	Xiaomi Communications Co., Ltd
Product description:	Mobile Phone
Model Name:	2210132G
FCC ID:	2AFZZ132G
Test date:	2022/8/31

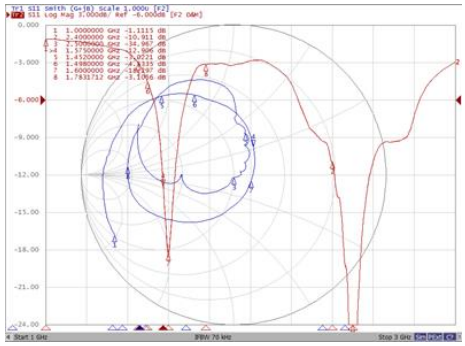
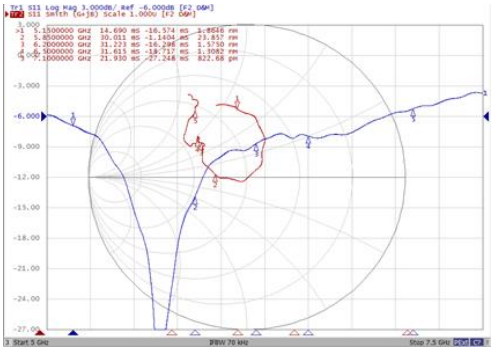
1. Antenna information

Antenna	Model Name	Antenna Pattern	Antenna Type	Manufacturer	Test party of Antenna gain
ANT1	AL6M13	Metal Frame	PIFA Antenna	Huizhou BYD Electronic Co., Ltd.	Xiaomi Campus, No.33 Xi erqi Middle Road, Haidian District, Beijing
ANT2	AL6M13	Metal Frame	PIFA Antenna	Huizhou BYD Electronic Co., Ltd.	Xiaomi Campus, No.33 Xi erqi Middle Road, Haidian District, Beijing
NFC	DM-F1228-DF	/	FPC (Flexible Printed Circuit) antenna 48mm*58mm	Shanghai Deman Electronic Technology	/
WPT	/	/	Coil antenna 28mm*49.6mm	LUXSHAREICT	/

2. Test data

Band for Antenna 1	Combo ant	
	Effi.(dBi)	peak gain(dBi)
2.4G WIFI&Bluetooth	-7.0	-2.57
5G (5.15-5.25GHz)	-8.55	-4.89
5G (5.25-5.35GHz)	-6.67	-3.05
5G (5.47-5.725GHz)	-7.73	-2.48
5G (5.725-5.85GHz)	-7.35	-1.35
6G (5.925-6.425GHz)	-7.8	-0.6
6G (6.425-6.525GHz)	-8.4	-3.7
6G (6.525-6.875GHz)	-8.3	-0.7
6G (6.875-7.125GHz)	-8.2	-0.7

S11

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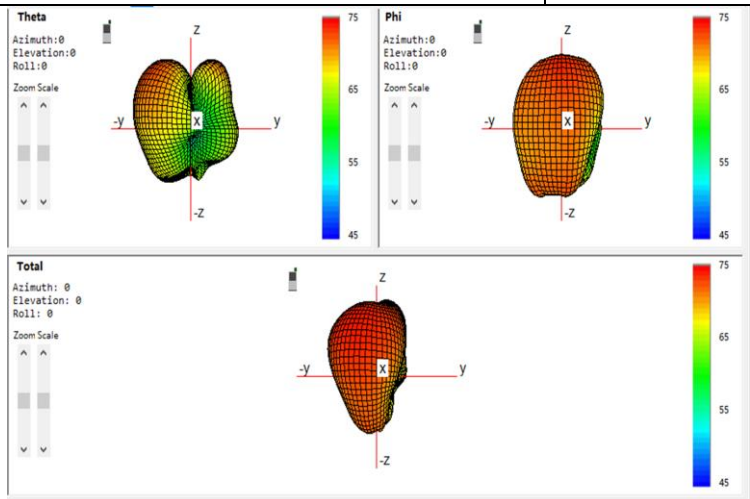

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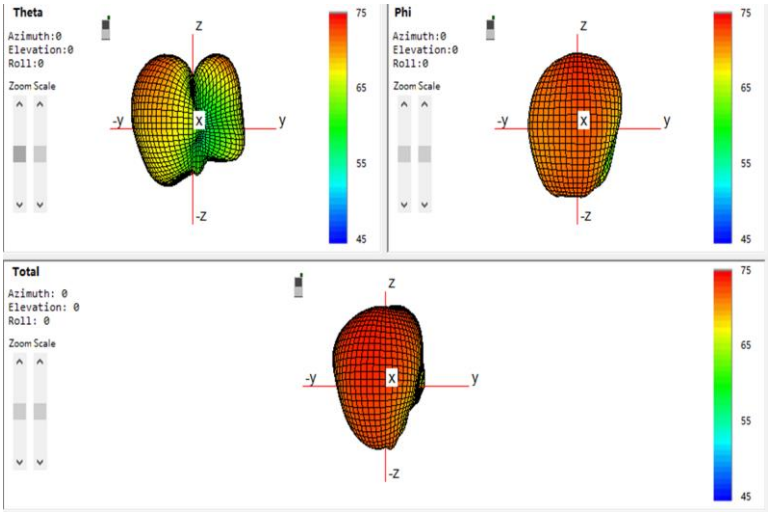

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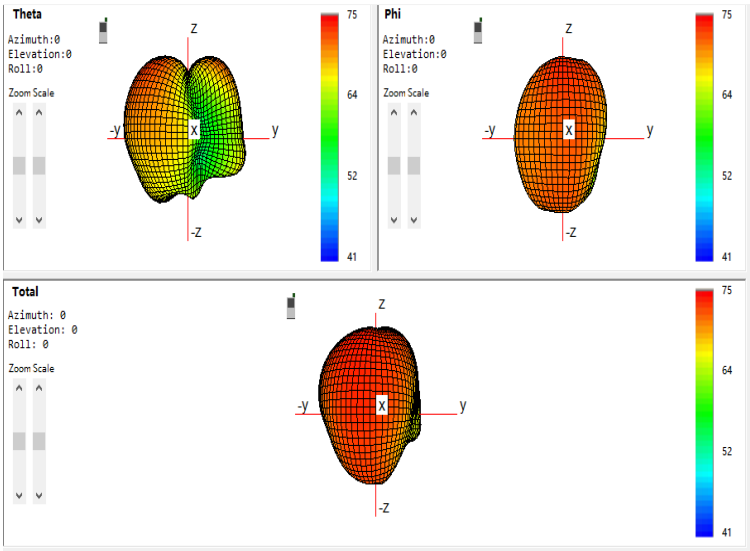

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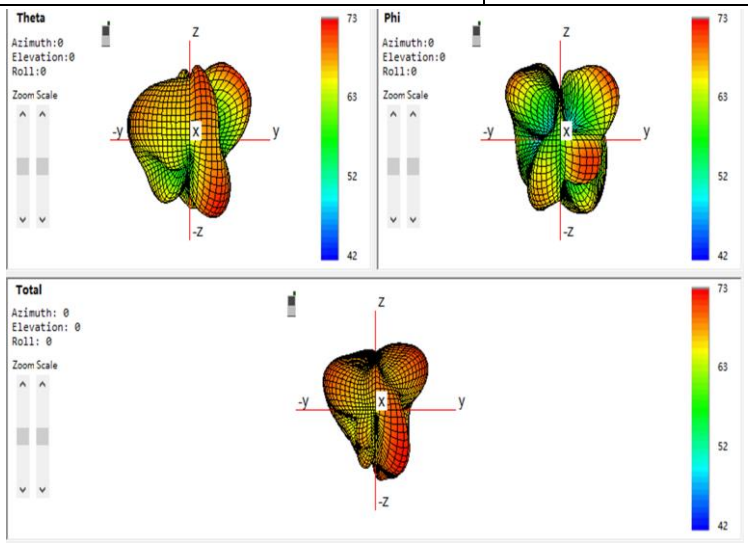

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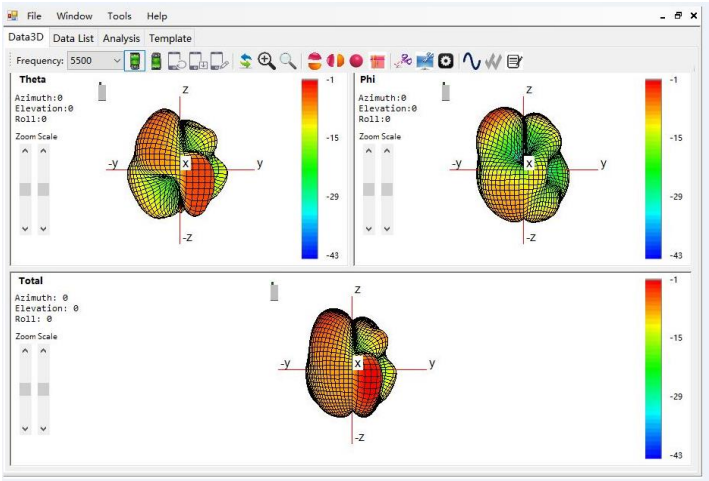

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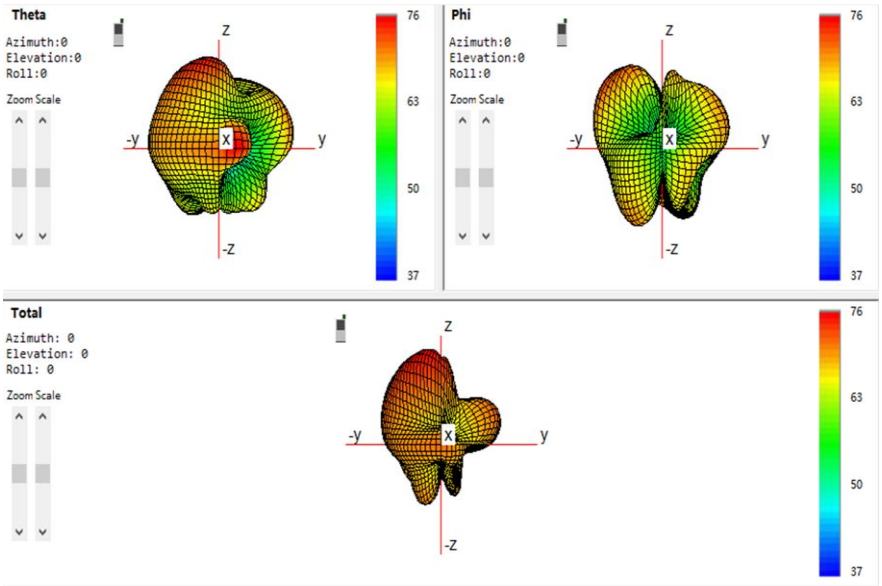

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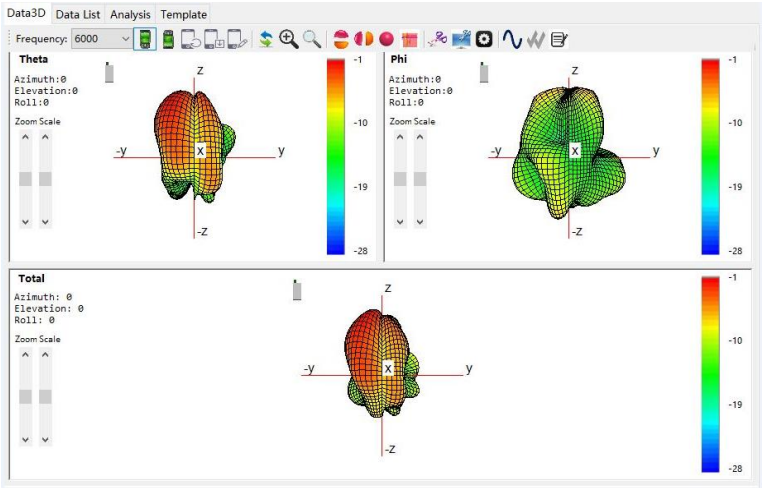

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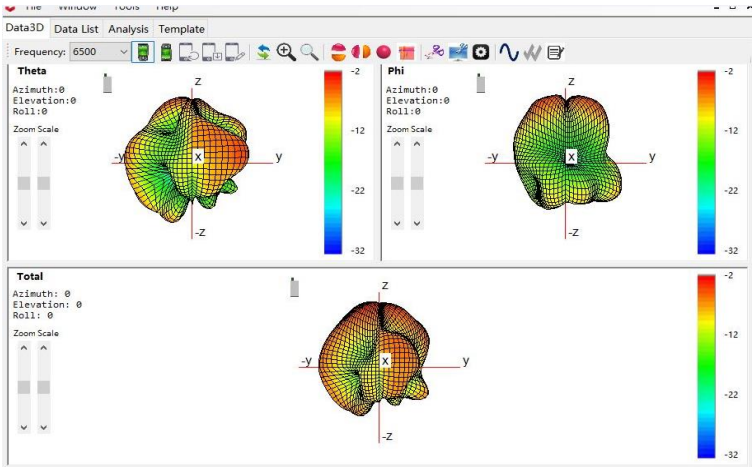

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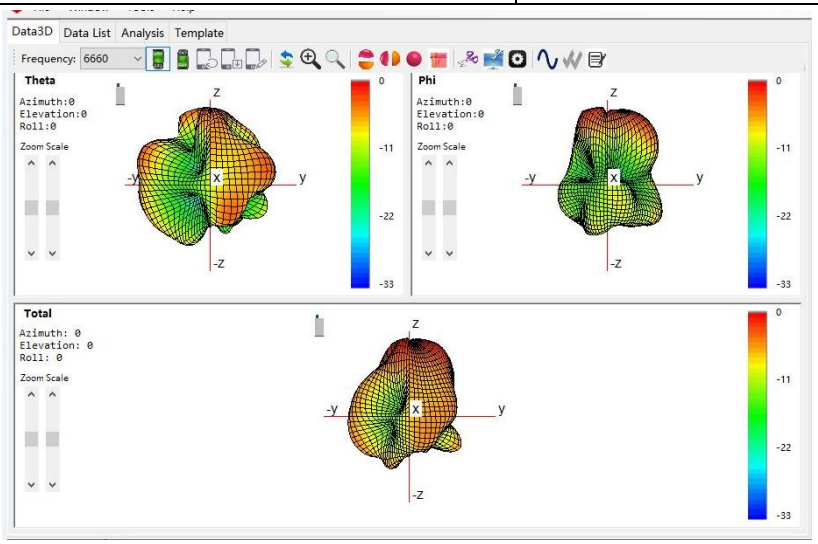
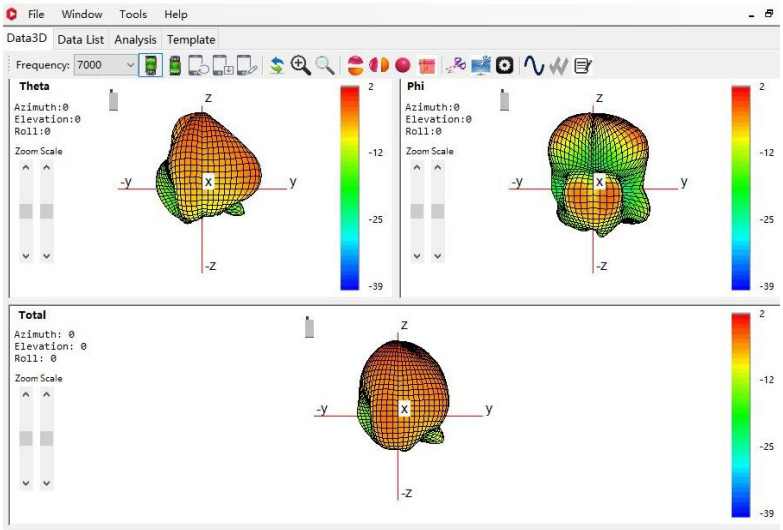
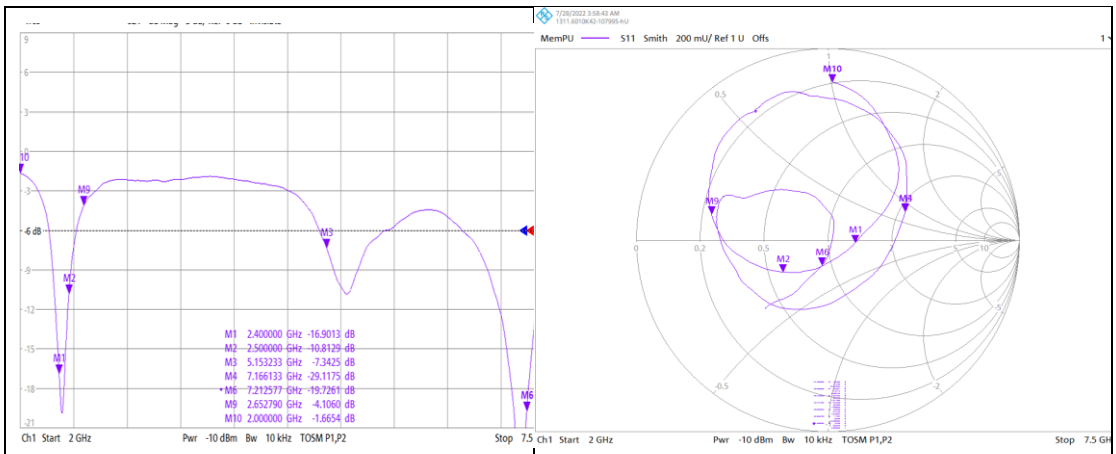


Frequency	7000MHz



Band for Antenna 2	Combo ant	
	Effi.(dBi)	peak gain(dBi)
2.4G WIFI&BT	-4.9	1.1
5G (5.15-5.25GHz)	-6.75	-2.37
5G (5.25-5.35GHz)	-6.4	-2.21
5G (5.47-5.725GHz)	-5.87	-1.26
5G (5.725-5.85GHz)	-6.55	-1.86
6G (5.925-6.425GHz)	-6.2	-1.8
6G (6.425-6.525GHz)	-6.9	-1.3
6G (6.525-6.875GHz)	-6.2	-1.0
6G (6.875-7.125GHz)	-6.1	-1.5



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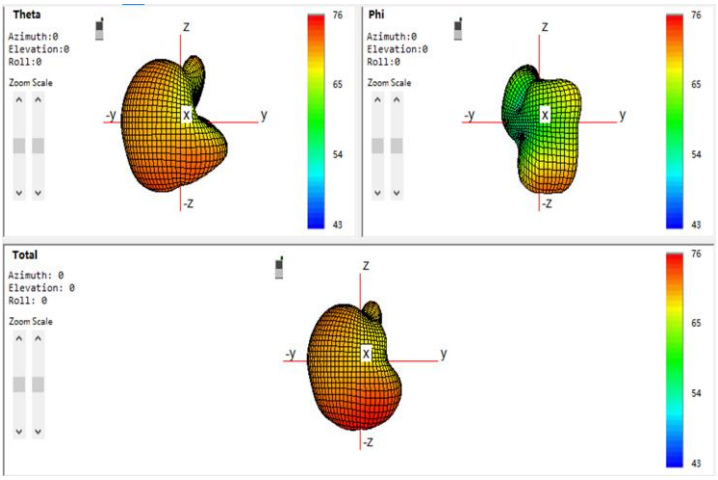

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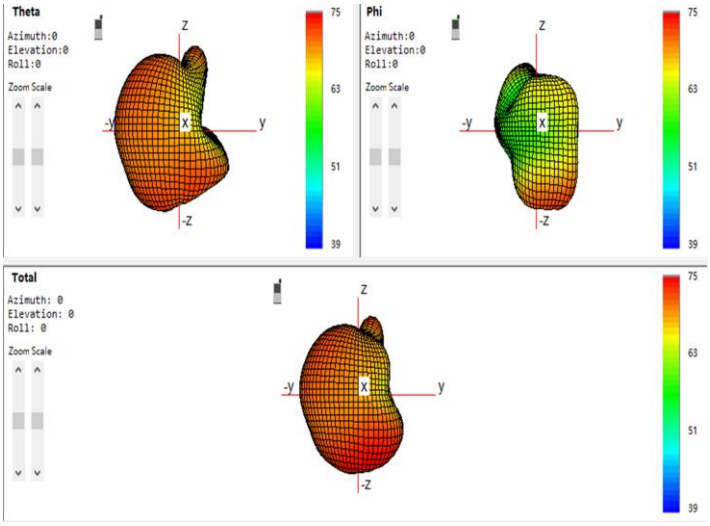

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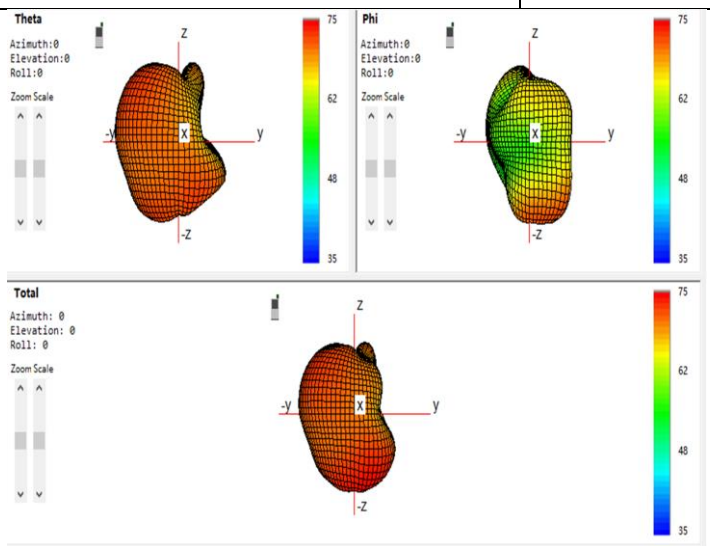

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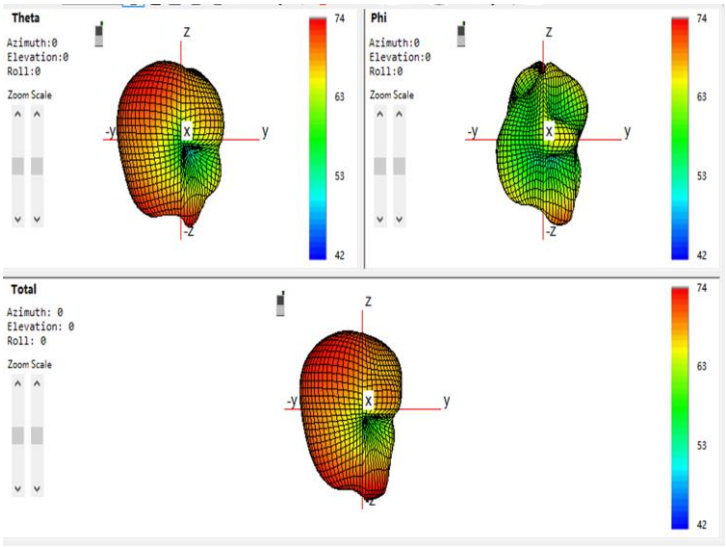

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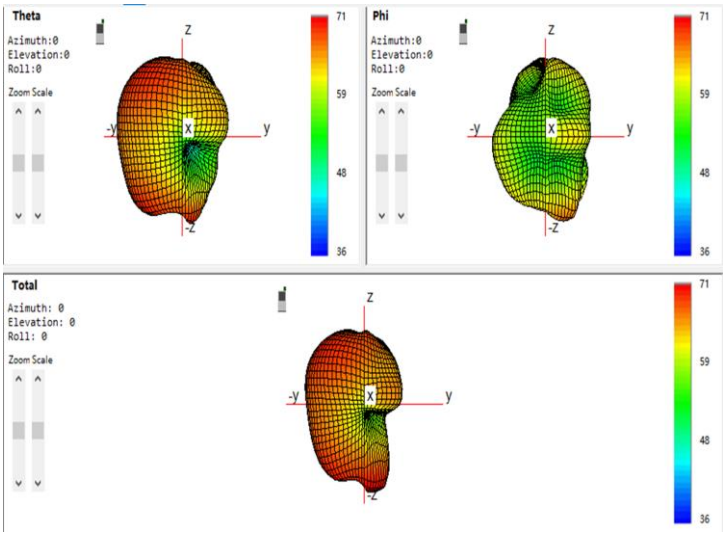

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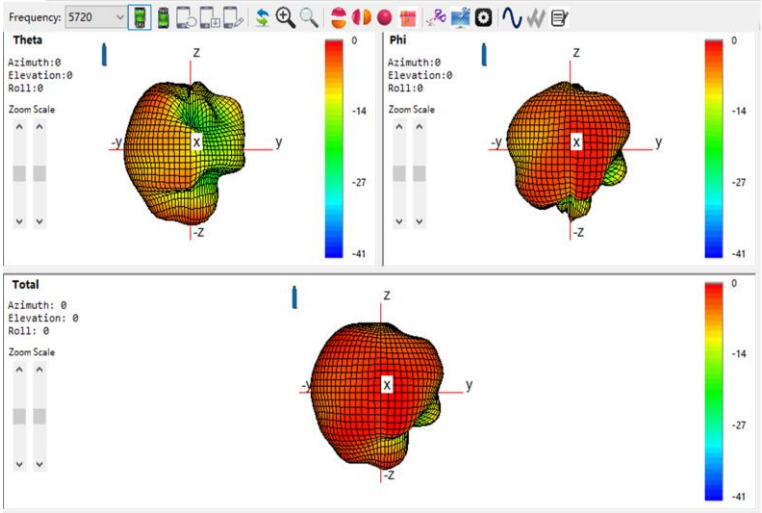

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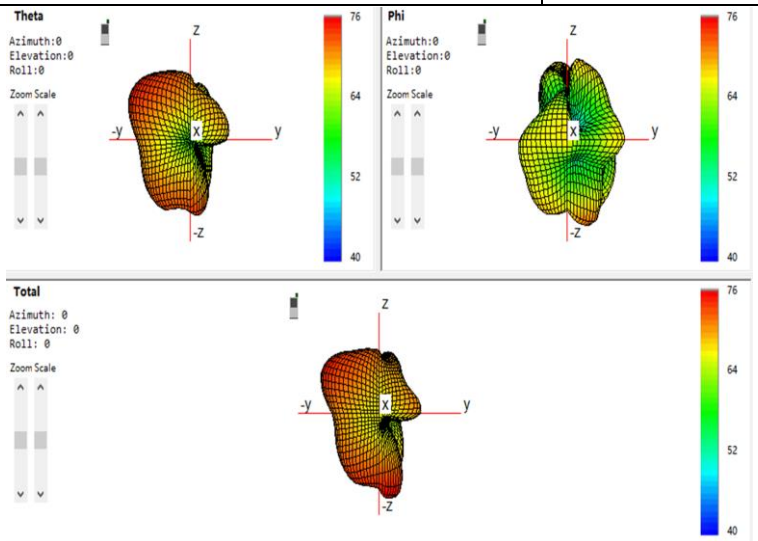

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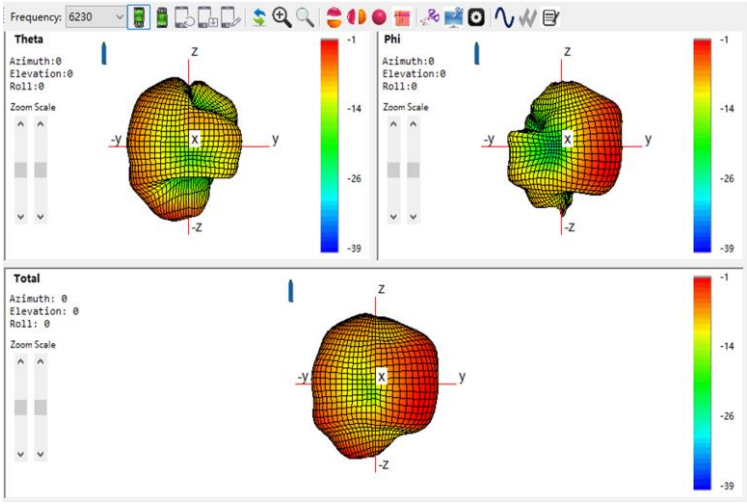

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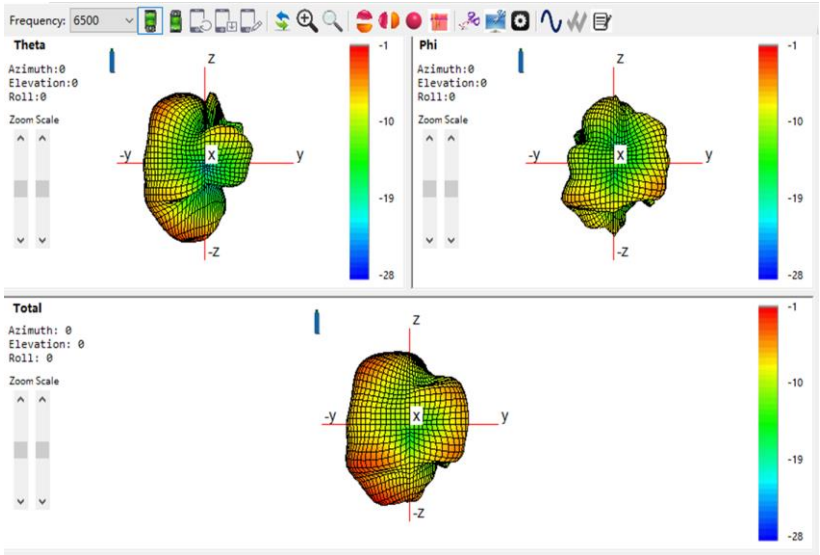

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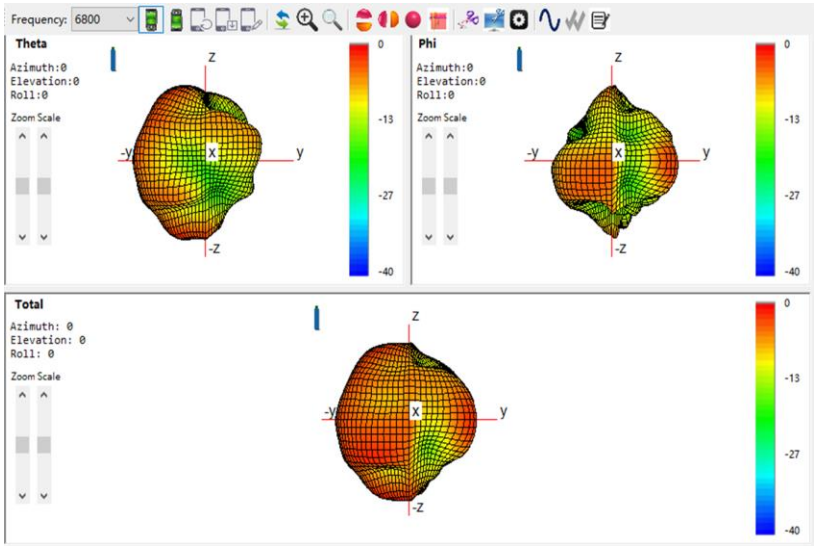
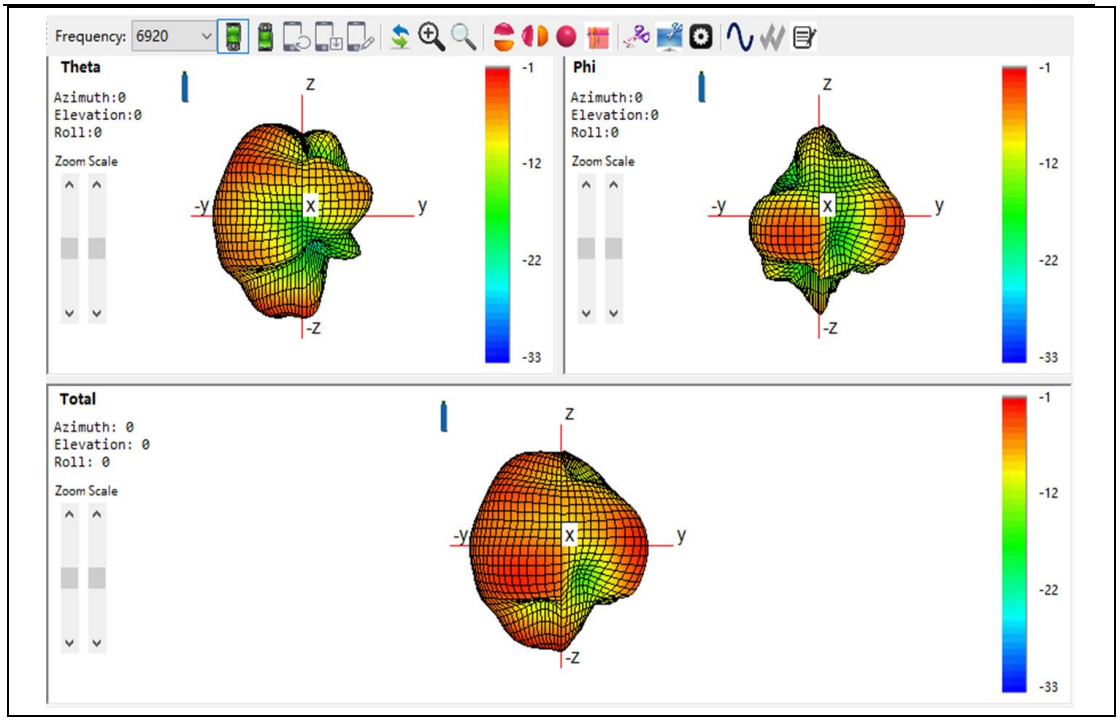


Frequency	6920MHz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y
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Elevation: 0
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y
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3. Main Test Instruments

Name	Manufacturer	Model name	Serial Number	Cal., Date	Exp., Date
E5071C	KEYSIGHT	E5071C	MY46733949	2021/12/13	2022/12/12

End of Test Report