



深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.

TB2401 Antenna Test Report

Tester : Li Yu

Approval : Liu Feng

**Company Address: 701, Building A, NO.10 Jiangfu Road, xinzhuang
Community, Matian street, Guangming District, Shenzhen**

Date : 2024 / 09 / 13



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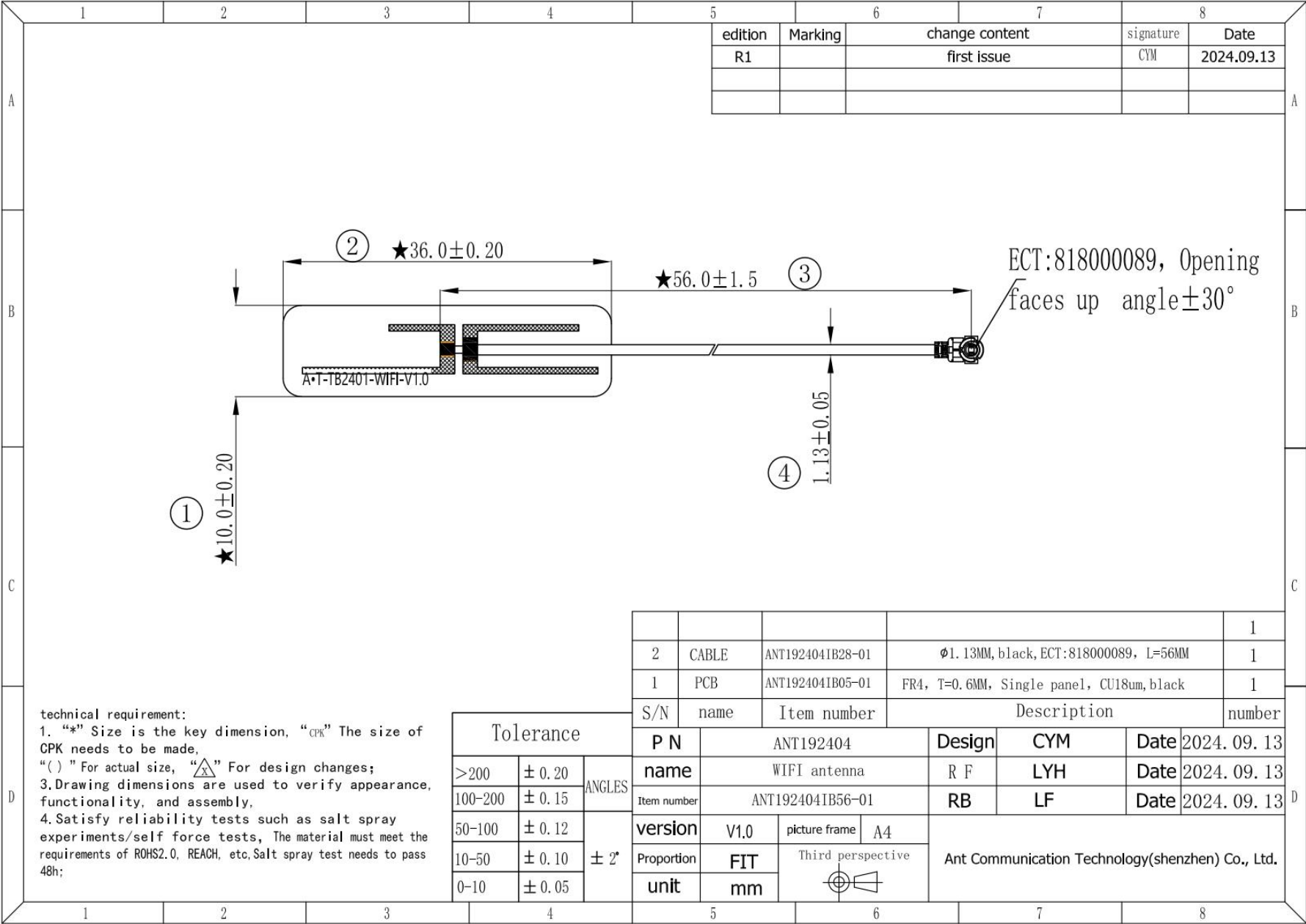
5.8GWIFI Test

Antenna: PCB antenna

Frequency: 6GHz



ANT DRAWING





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OTA test data

Dual antenna data

5G WIFI A (54M)			
channel	36	64	165
TRP (dBm)	18.8	18.7	18.9
TIS (dBm)	-75.1	-74.7	-74.8



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Antenna gain

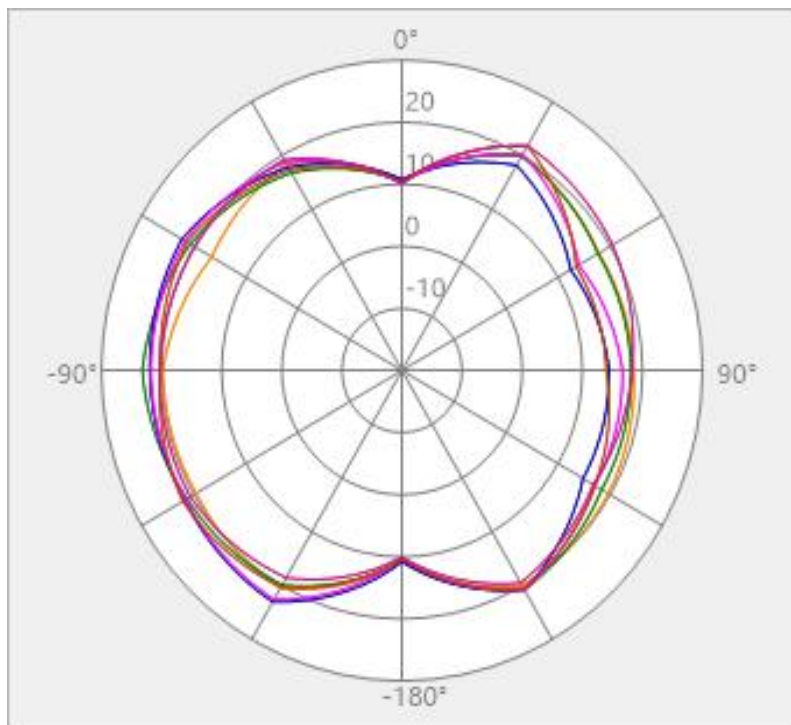
WIFI-1		WIFI-2	
Frequency /Mhz	MaxGain /dBi	Frequency /Mhz	MaxGain/ dBi
5150	2.75	5150	2.42
5200	2.69	5200	2.61
5250	2.97	5250	2.63
5300	1.59	5300	2.41
5350	2.08	5350	1.99
5400	2.56	5400	2.32
5450	1.94	5450	1.87
5500	2.33	5500	2.57
5550	2.81	5550	2.42
5600	2.38	5600	2.86
5650	2.68	5650	2.55
5700	2.03	5700	3.1
5750	2.56	5750	2.92
5800	2.37	5800	2.35
5850	2.79	5850	2.38



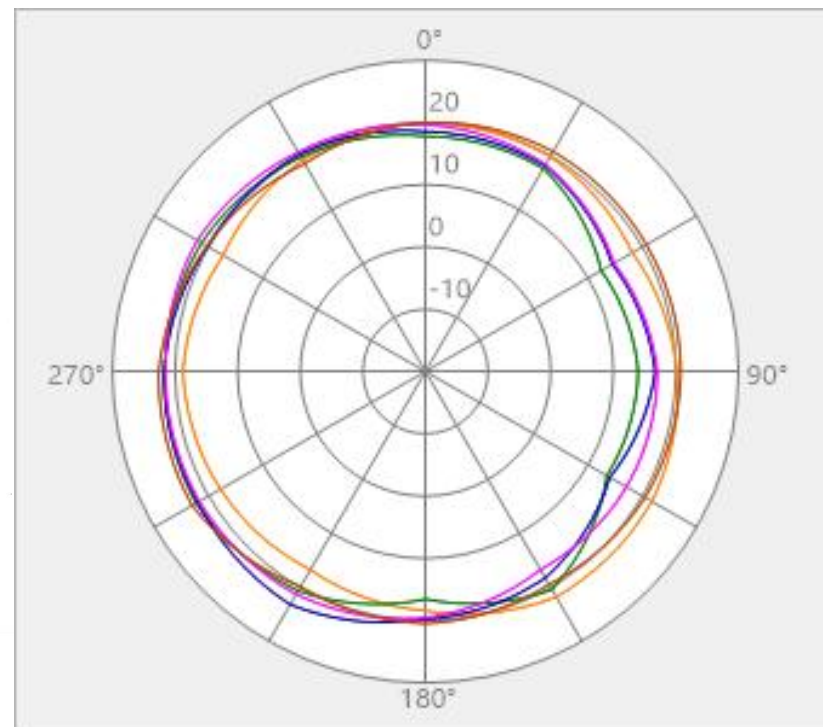
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Dual antenna



Phi



Theta

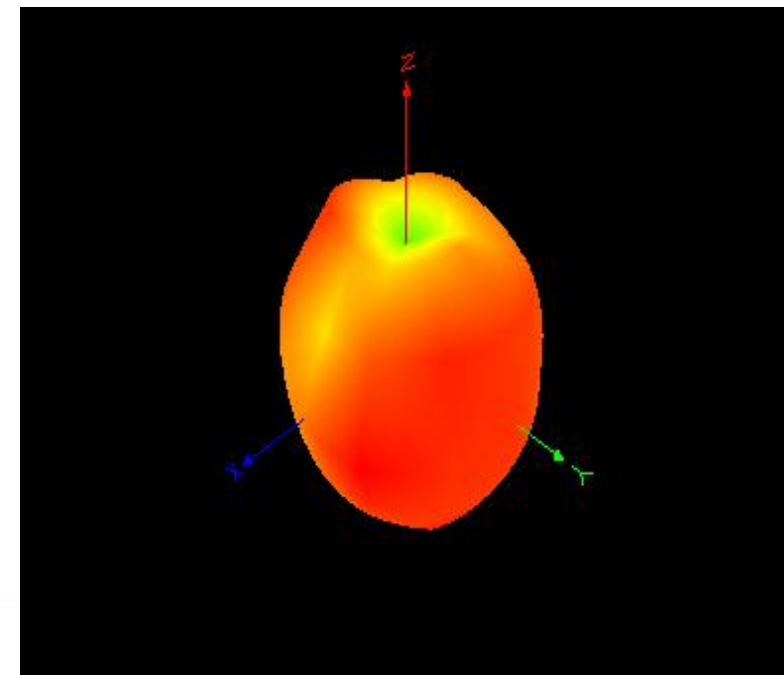
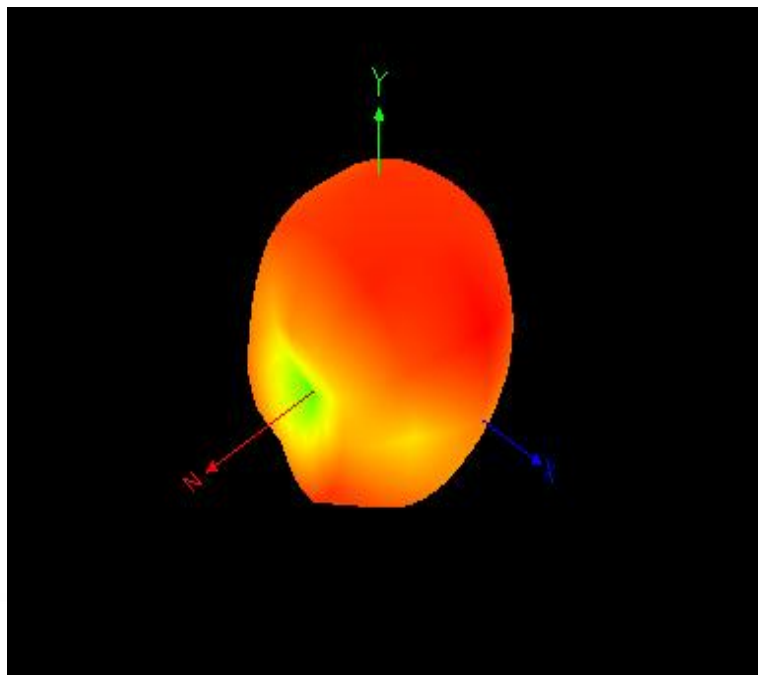
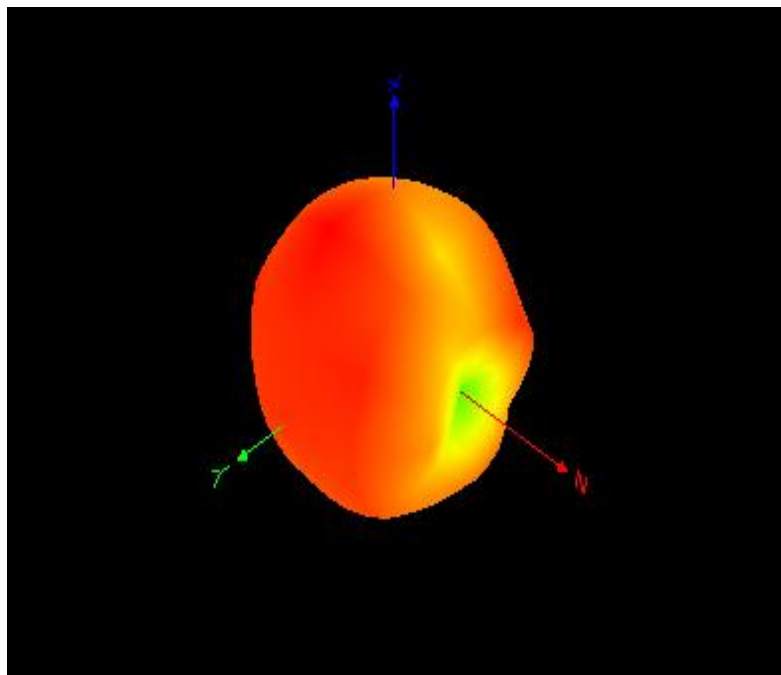
WIFI A 36 channel TRP 2D image



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Dual antenna



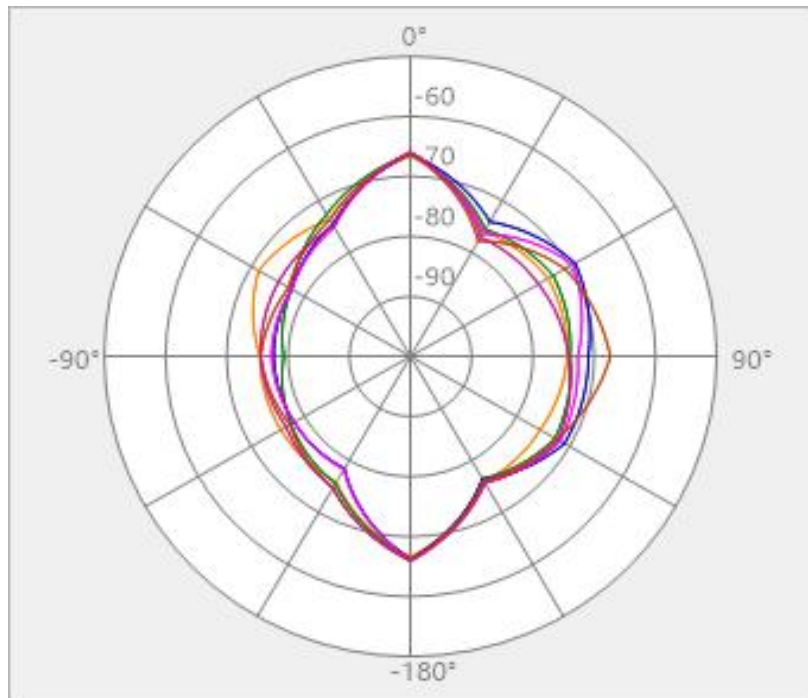
WIFI A 36 channel TRP 3D image



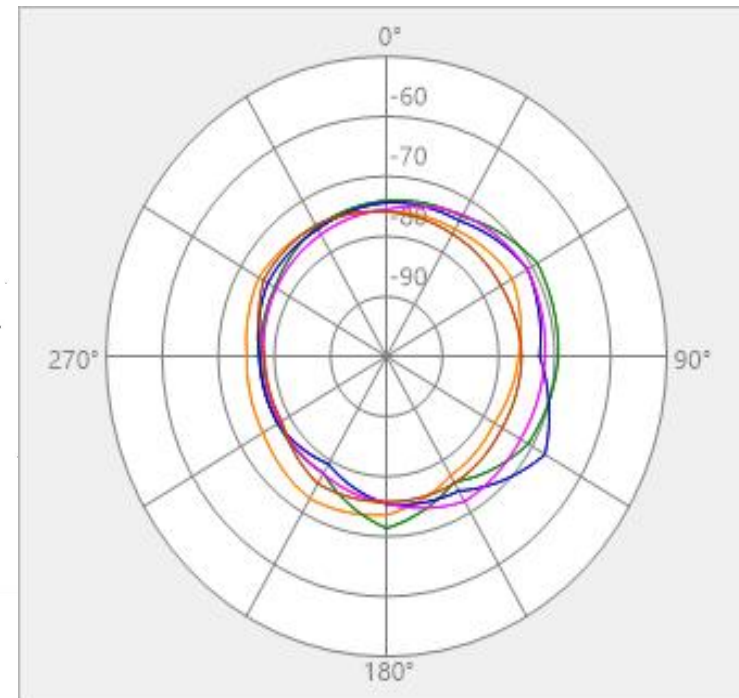
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Dual antenna



Phi



Theta

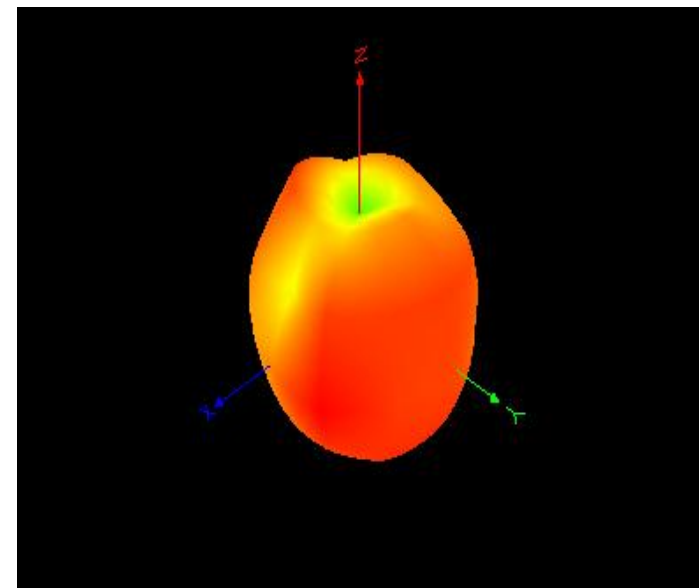
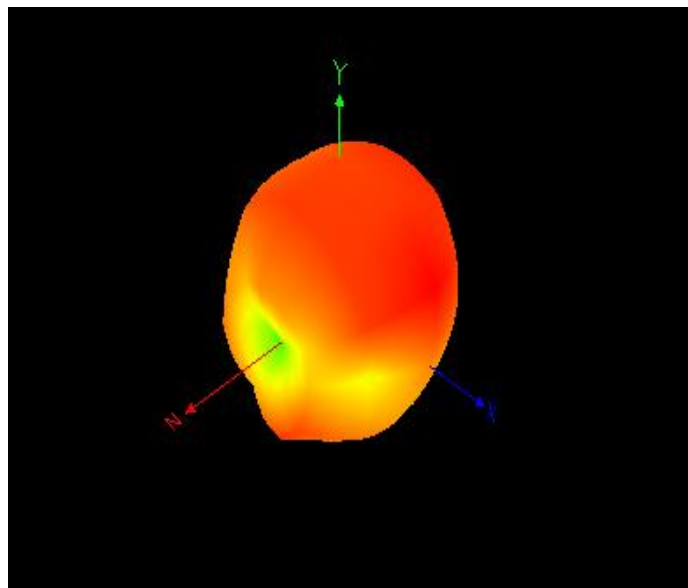
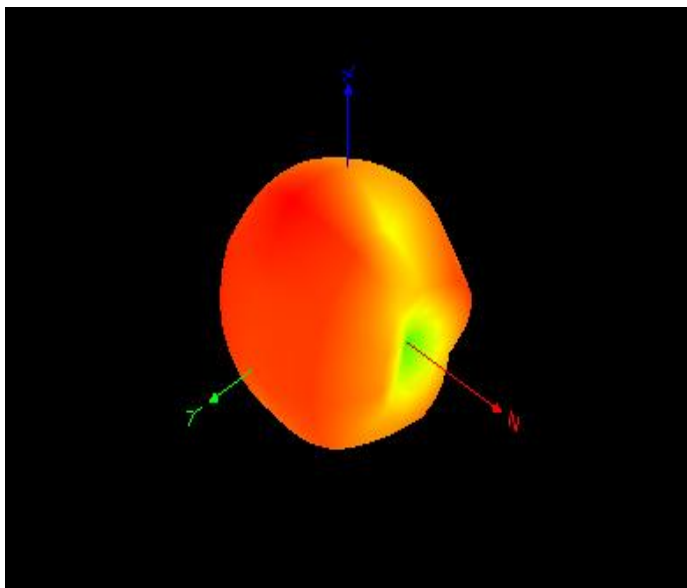
WIFI A 36 channel TIS 2D image



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Dual antenna



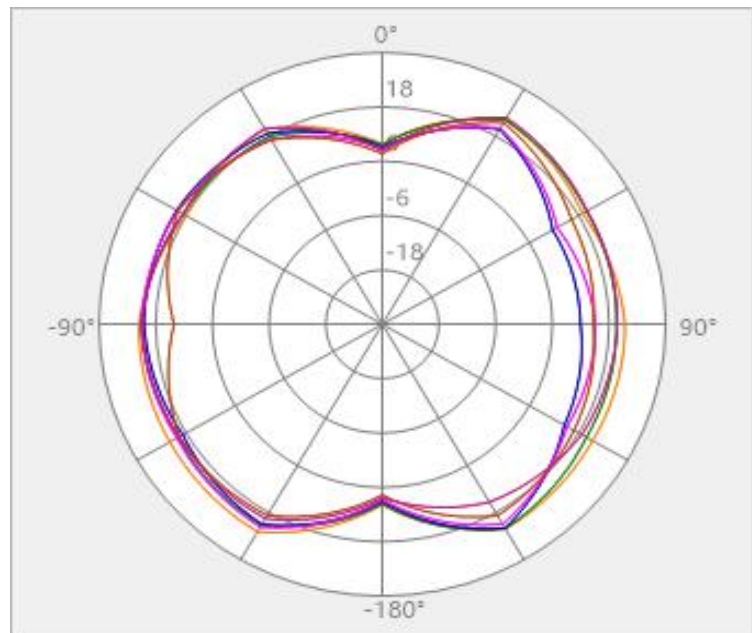
WIFI A 36 channel TIS 3D image



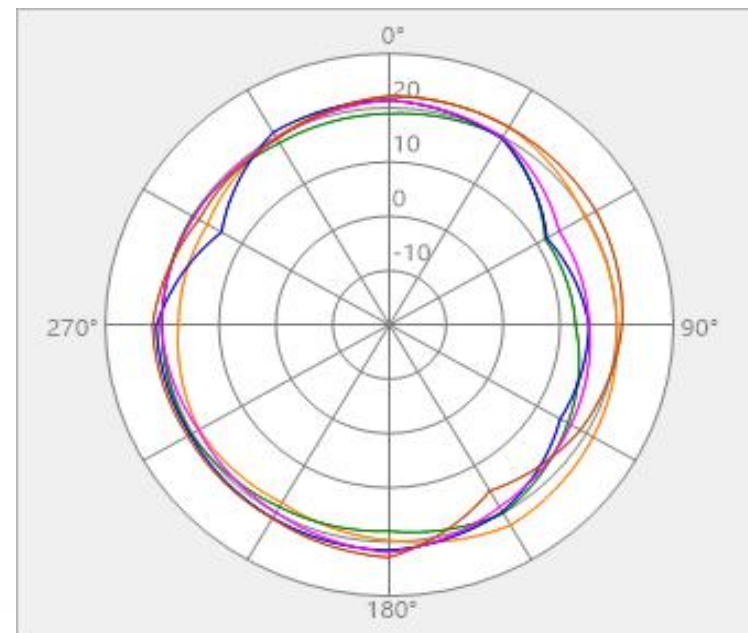
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Dual antenna



Phi



Theta

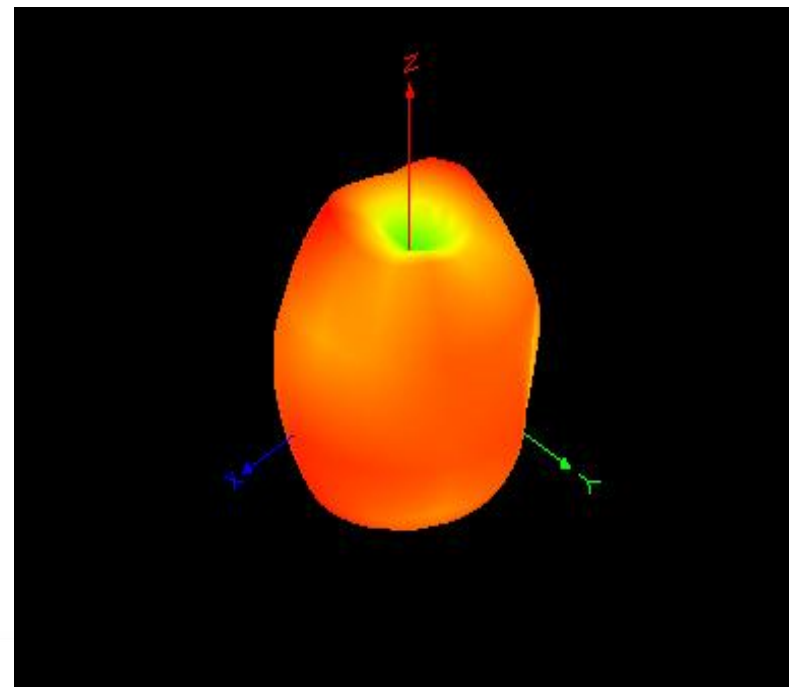
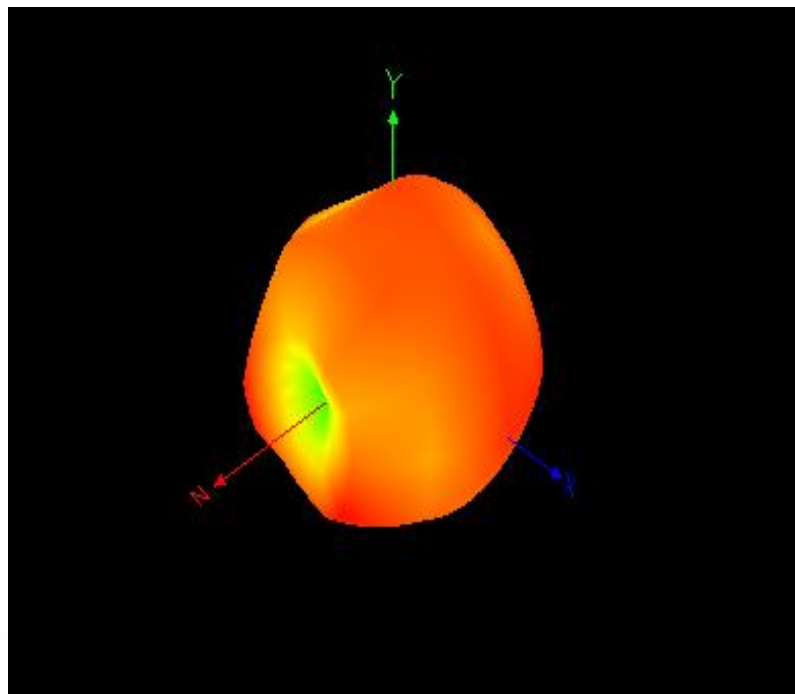
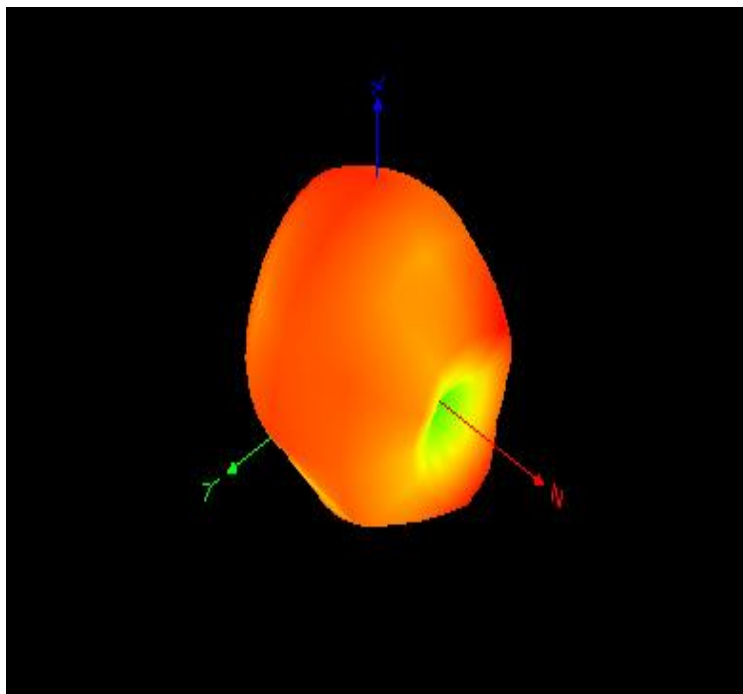
WIFI A 64 channel TRP 2D image



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Dual antenna



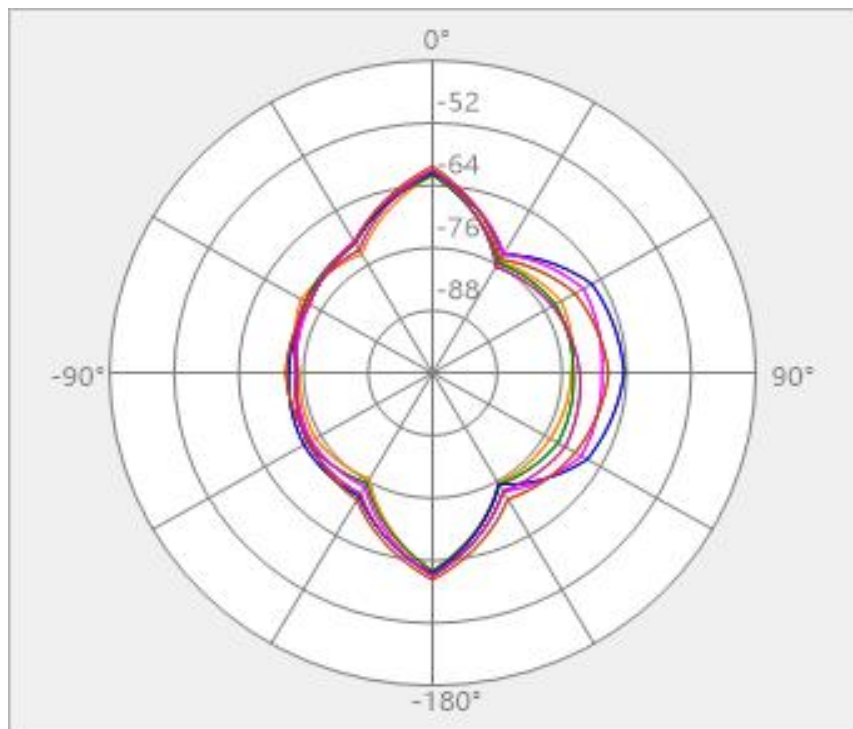
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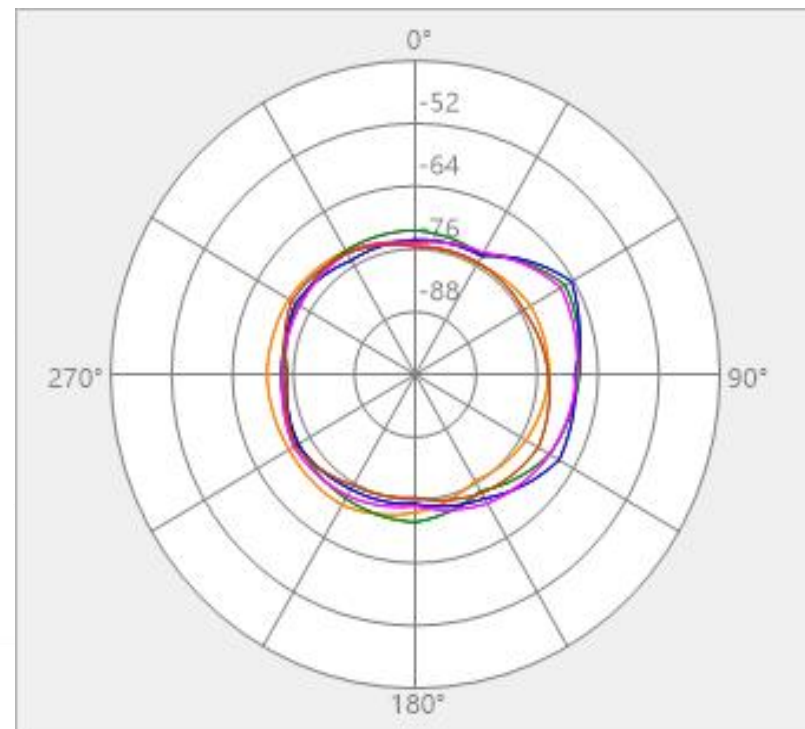
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Dual antenna



Phi



Theta

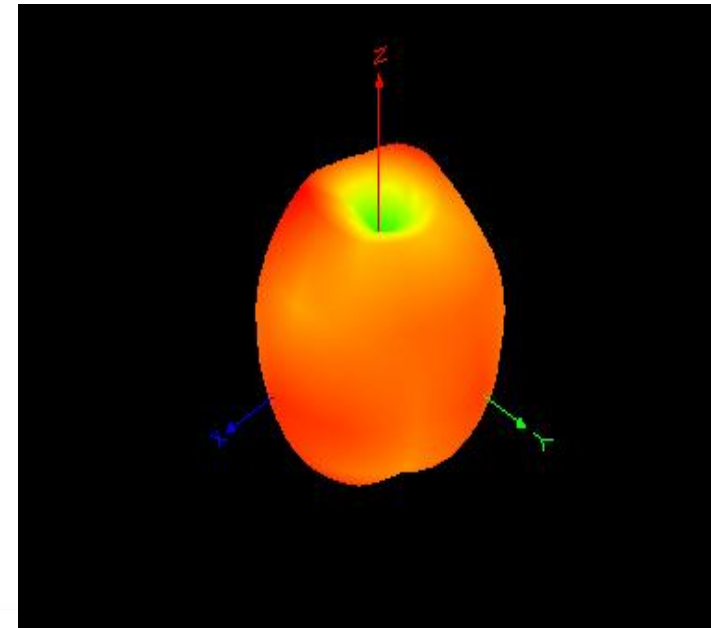
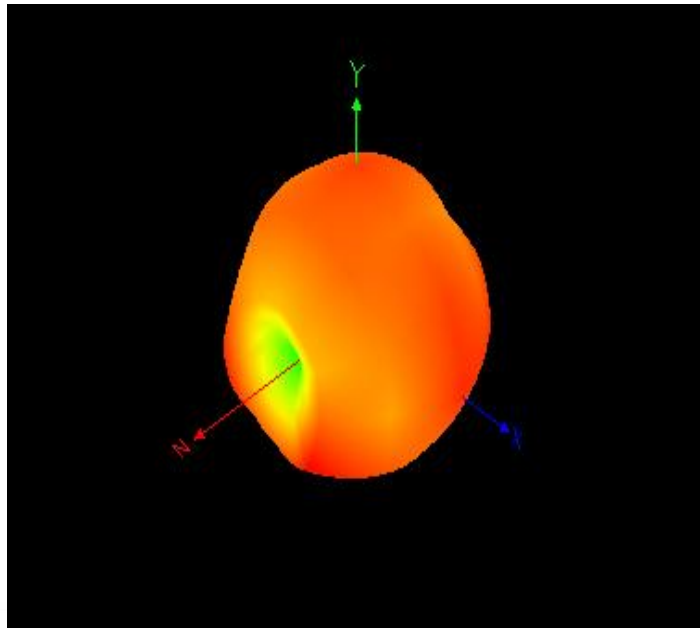
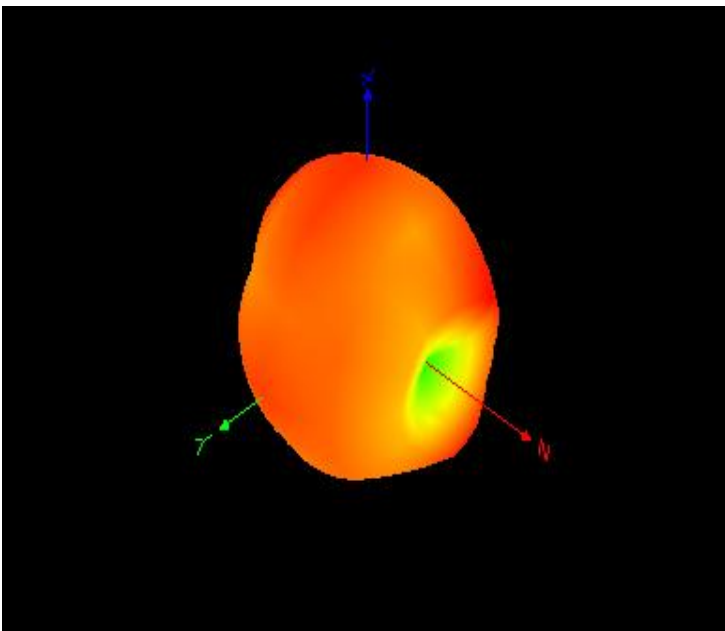
WIFI A 64 channel TIS 2D image



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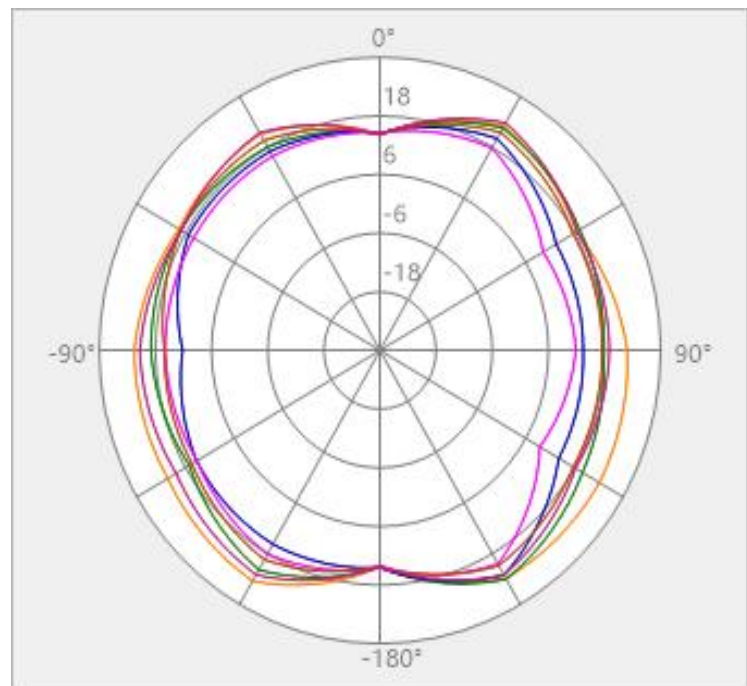
WIFI A 64 channel TIS 3D image



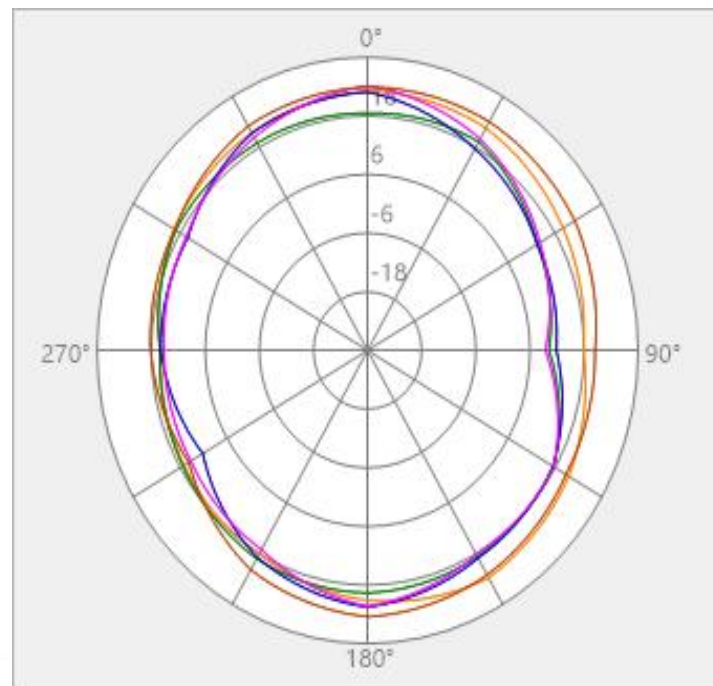
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Phi



Theta

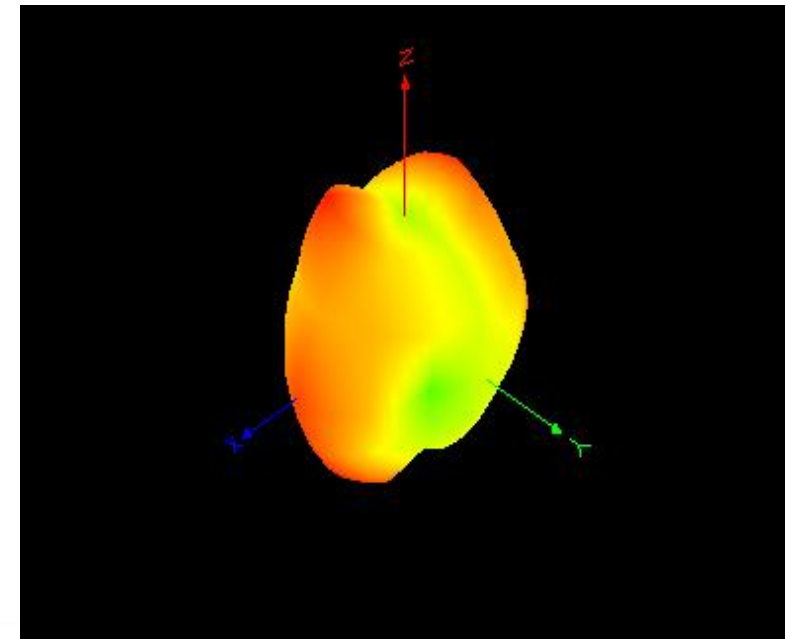
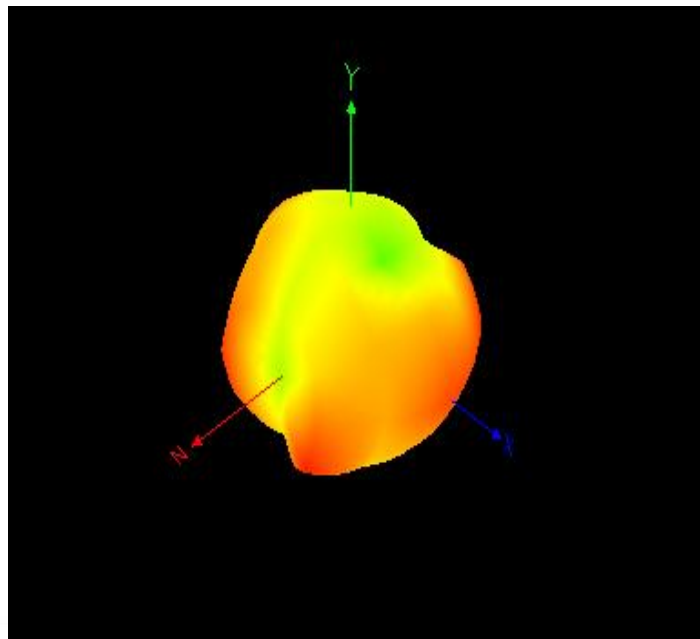
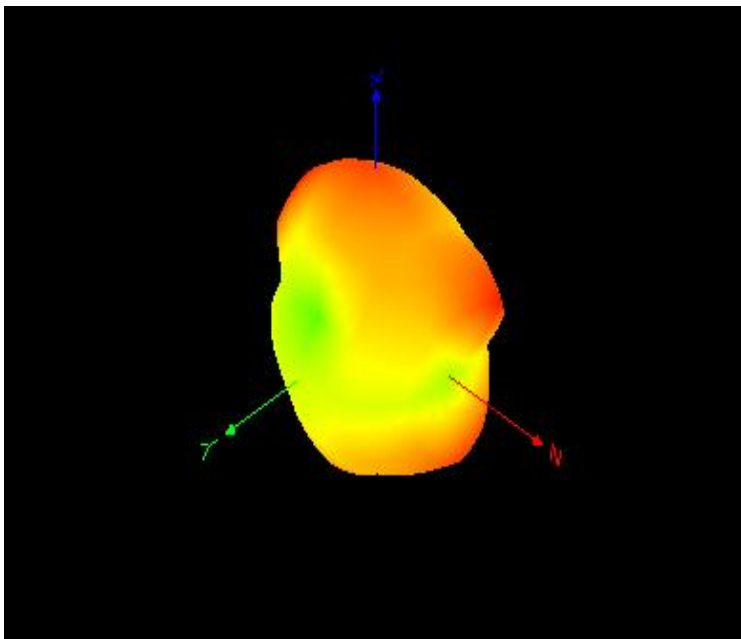
WIFI A 165 channel TRP 2D image



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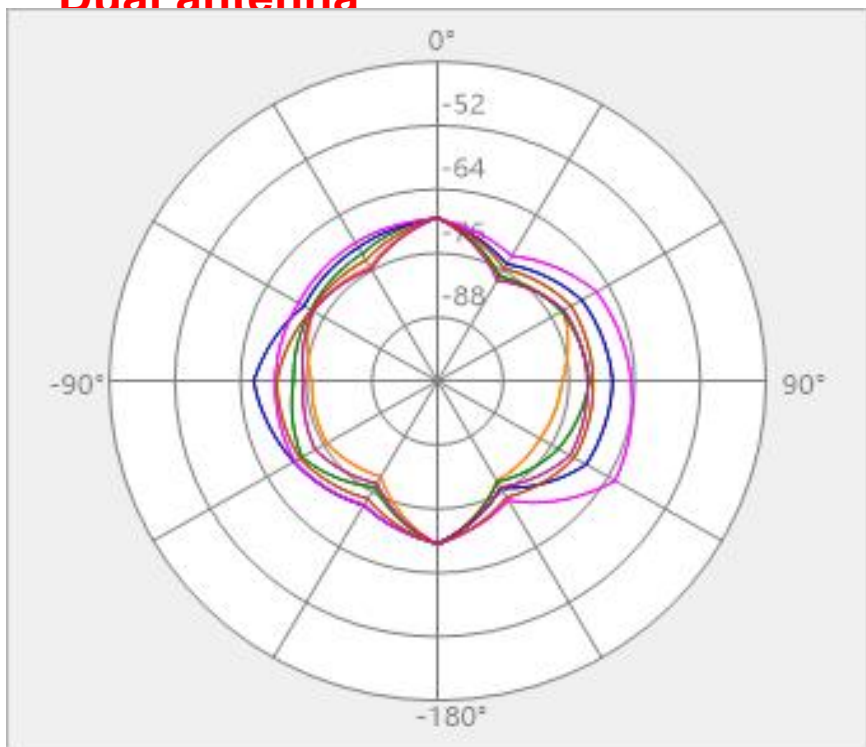
WIFI A 165 channel TRP 3D image



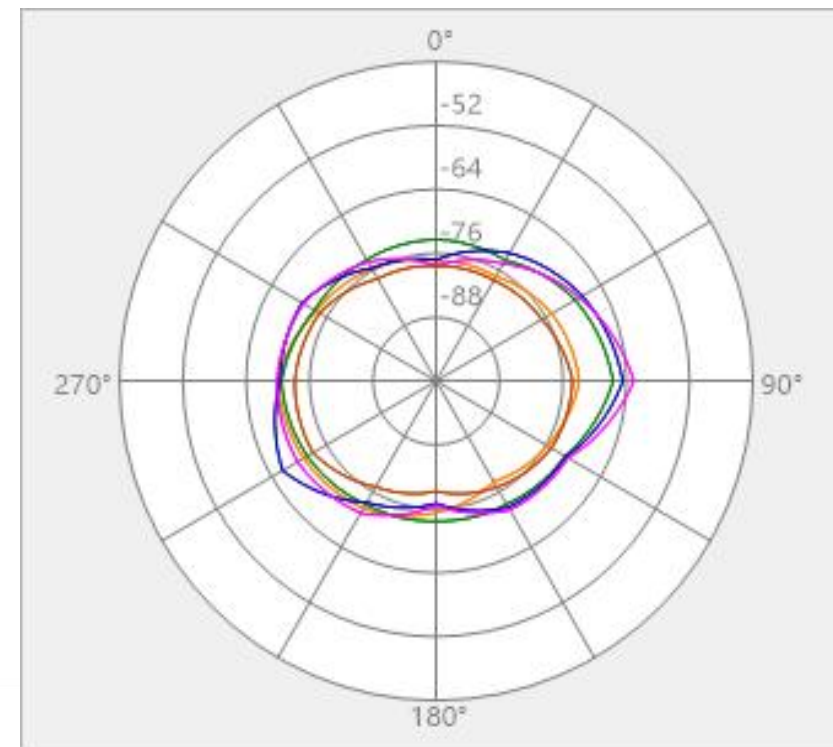
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Dual antenna



Phi



Theta

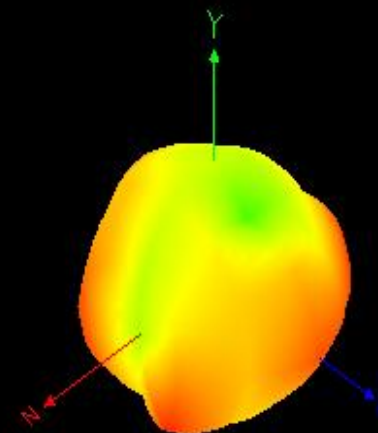
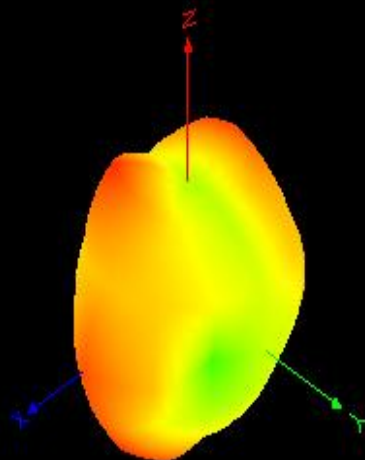
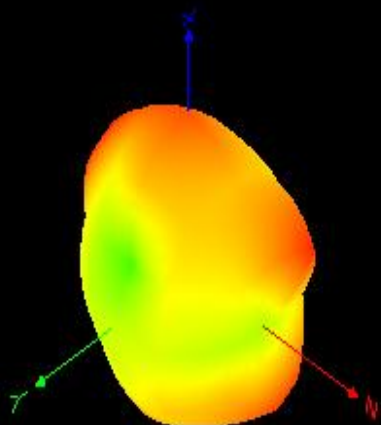
WIFI A 165 channel TIS 2D image



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WIFI A 165 channel TIS 3D image



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THANK YOU!