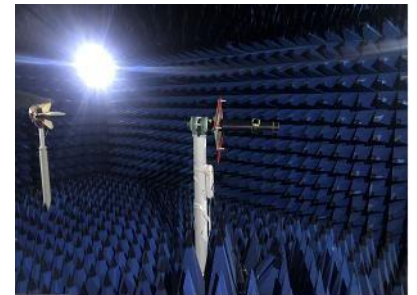


H200-Antenna

Customer: 360

Engineer: Hong Yuankai

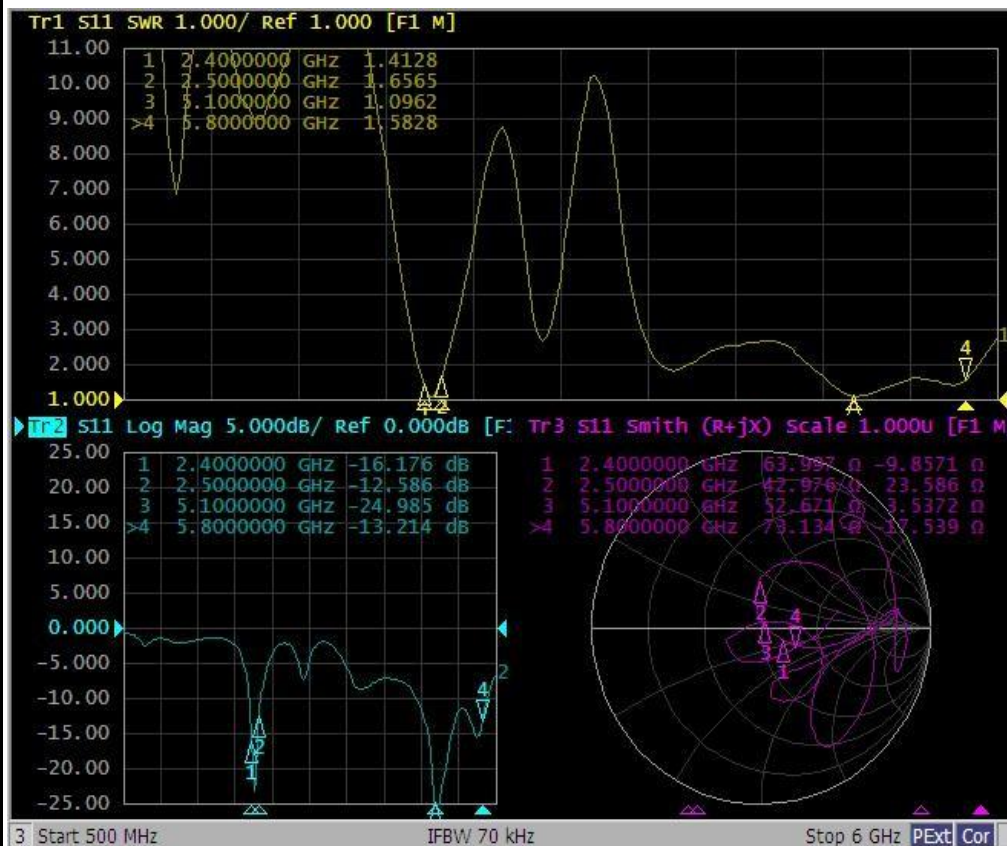
Date: 2024-12-31



WiFi1 Passive antenna parameters

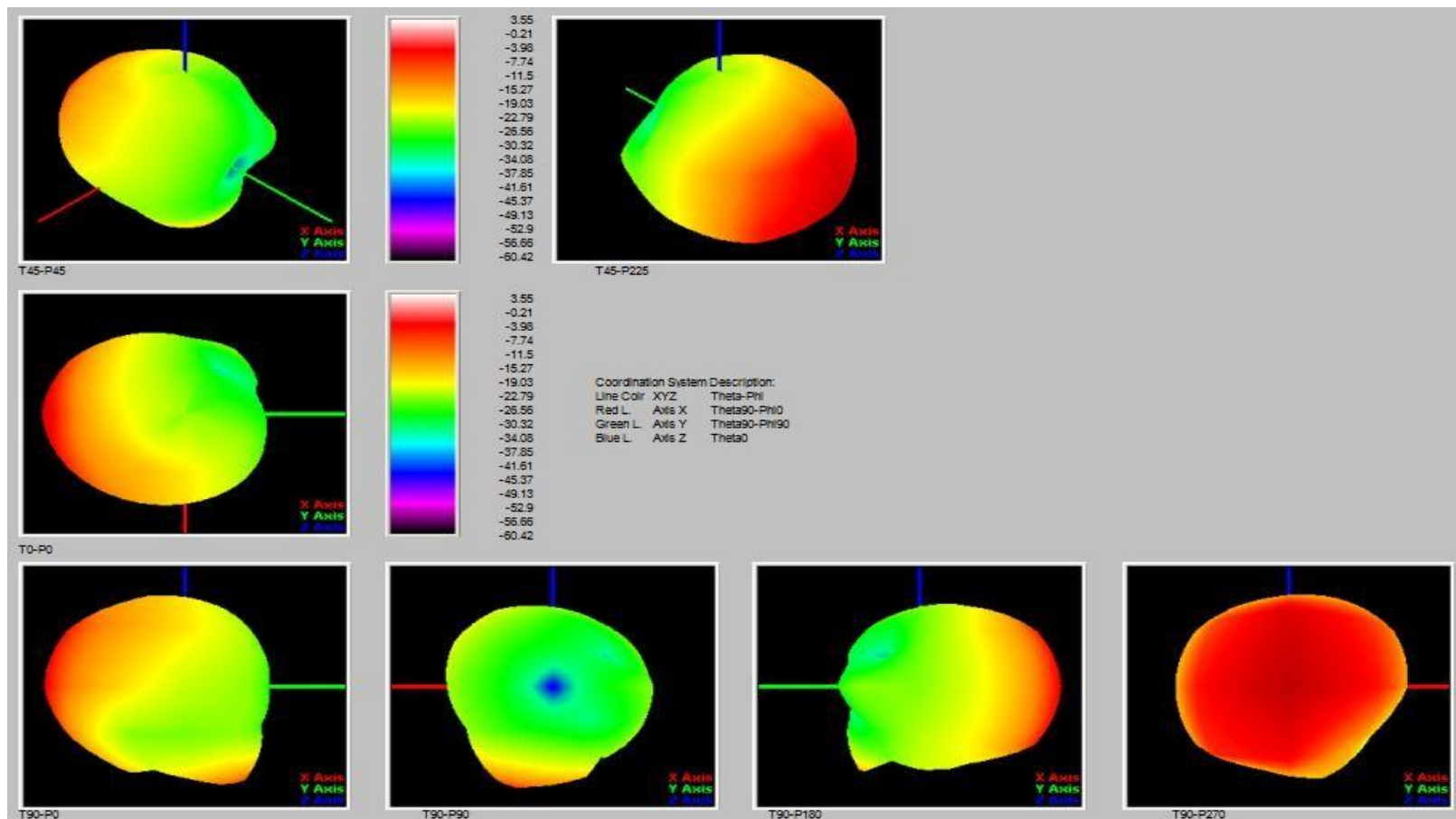
Passive Test

Freq	Effi	Gain	Freq	Effi	Gain
(MHz)	(%)	(dBi)	(MHz)	(%)	(dBi)
2400.0	56.7%	2.53	5100.0	60.2%	3.72
2410.0	60.8%	2.78	5150.0	52.4%	3.06
2420.0	60.5%	2.99	5200.0	65.5%	3.27
2430.0	60.2%	3.30	5250.0	58.1%	3.70
2440.0	57.8%	3.55	5300.0	51.6%	3.52
2450.0	55.9%	3.74	5350.0	62.2%	4.36
2460.0	52.3%	3.86	5400.0	65.4%	3.65
2470.0	50.6%	3.52	5450.0	62.2%	3.66
2480.0	51.8%	3.70	5500.0	51.5%	4.47
2490.0	52.8%	3.70	5550.0	57.5%	3.24
2500.0	50.5%	3.49	5600.0	55.6%	4.44
			5650.0	53.2%	5.56
			5700.0	61.2%	6.26
			5750.0	65.9%	6.03
			5800.0	55.2%	5.73

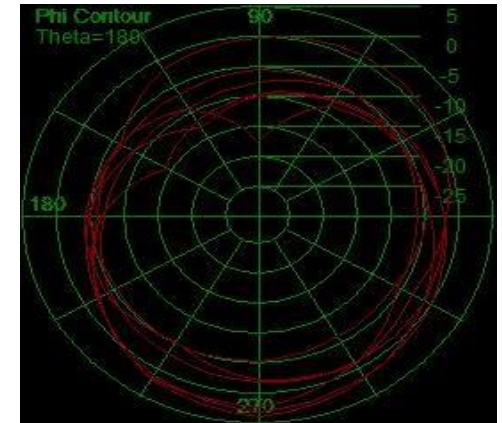
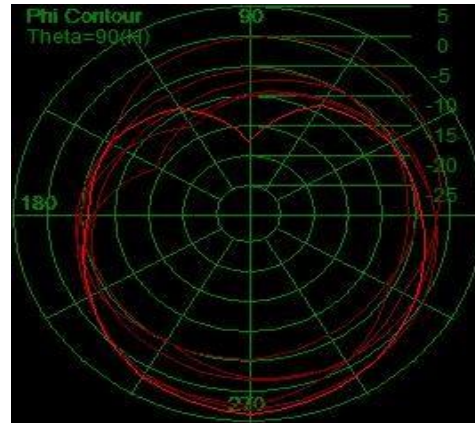
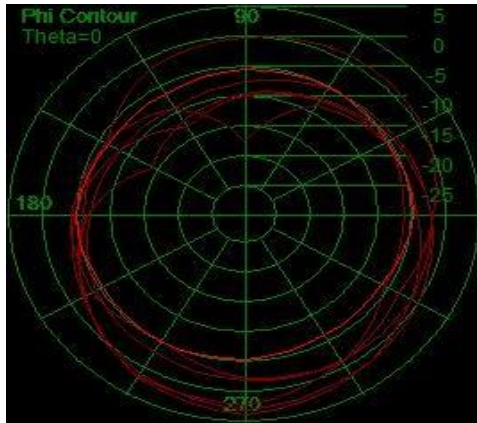


WIFI1 Antenna patterns

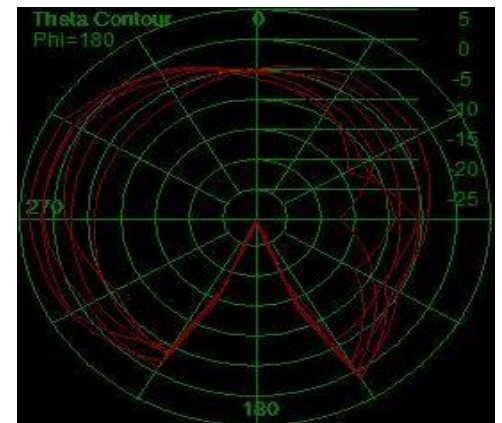
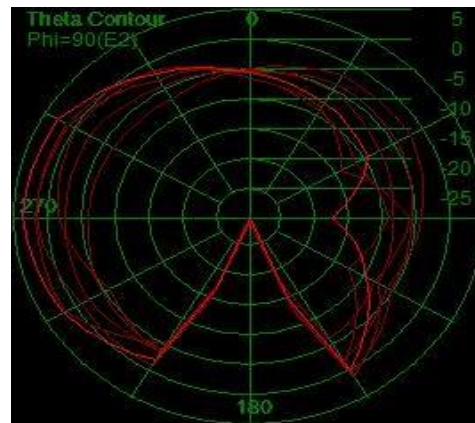
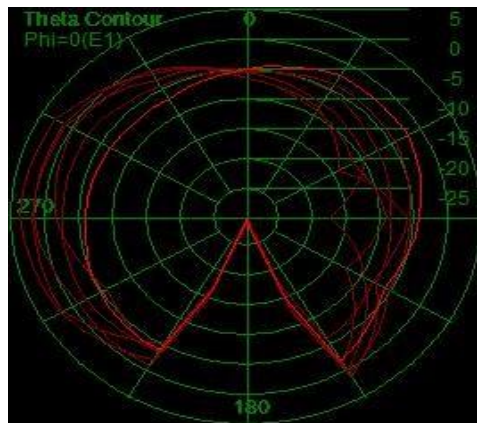
2400-2500MHz



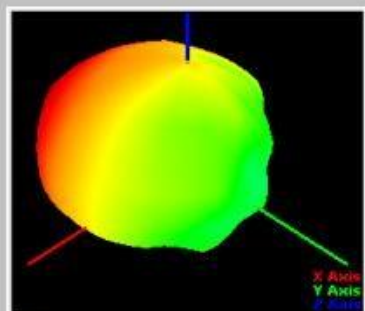
Horizontal:



Vertical:



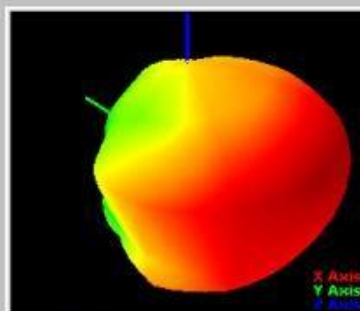
5100MHz-5800MHz



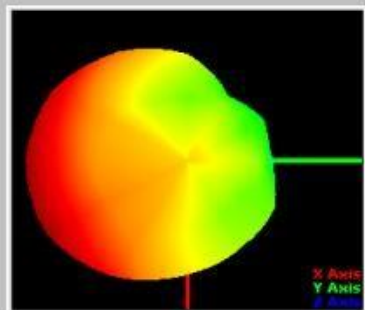
T45-P45



4.36
0.63
-3.1
-6.82
-10.55
-14.28
-18
-21.73
-25.46
-29.19
-32.91
-36.64
-40.37
-44.09
-47.82
-51.55
-55.28
-59



T45-P225

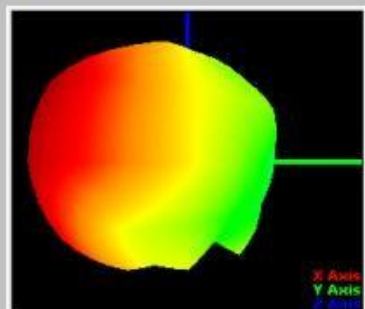


T0-P0

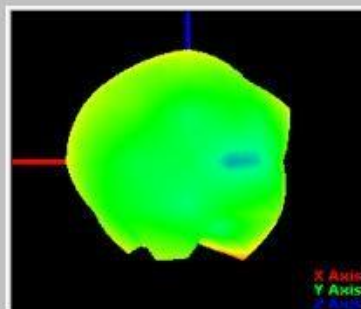


4.36
0.63
-3.1
-6.82
-10.55
-14.28
-18
-21.73
-25.46
-29.19
-32.91
-36.64
-40.37
-44.09
-47.82
-51.55
-55.28
-59

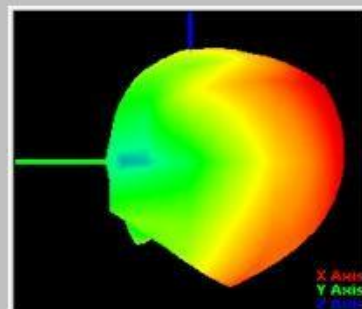
Coordination System Description:
Line Color XYZ Theta-Phi
Red L Axis X Theta90-Phi0
Green L Axis Y Theta90-Phi90
Blue L Axis Z Theta0



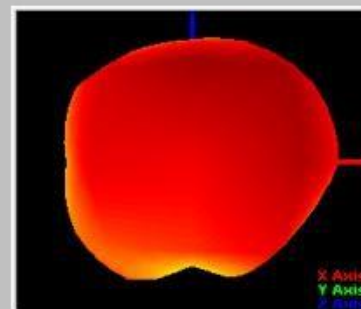
T90-P0



T90-P90

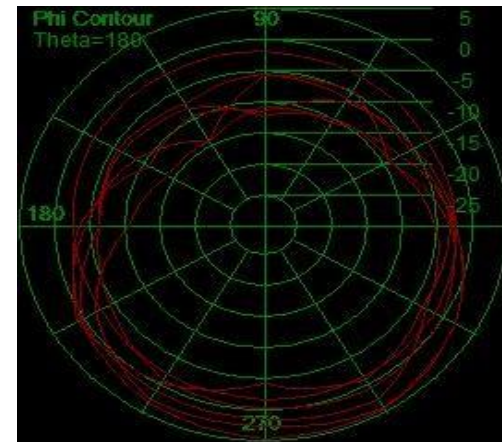
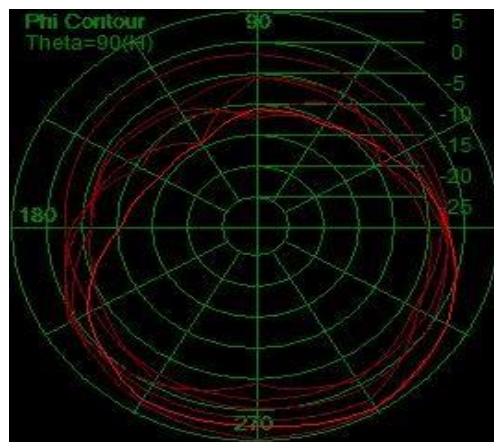
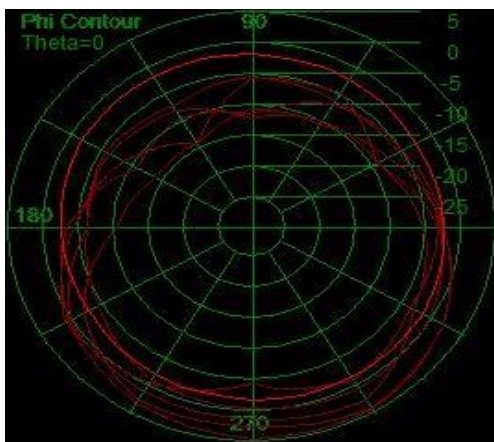


T90-P180

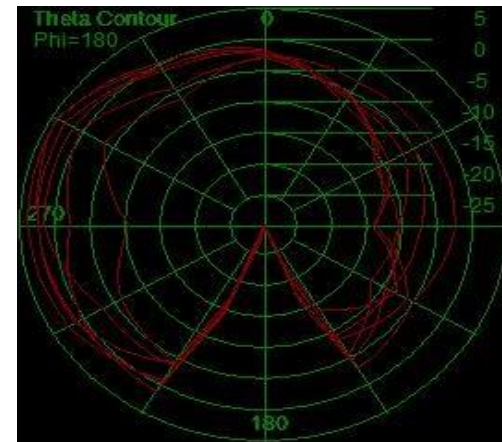
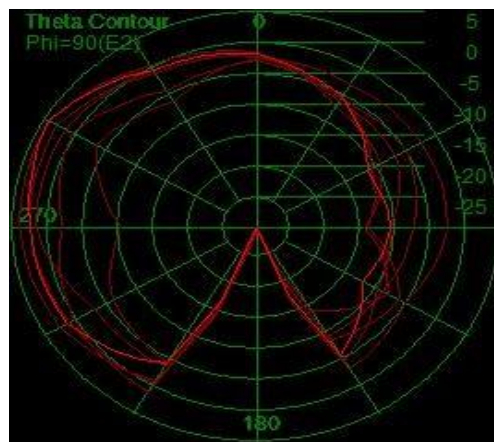
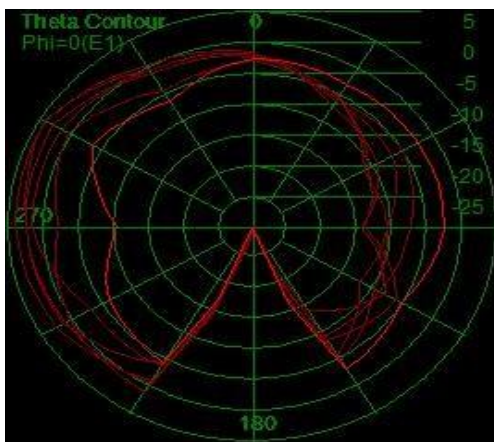


T90-P270

Horizontal:



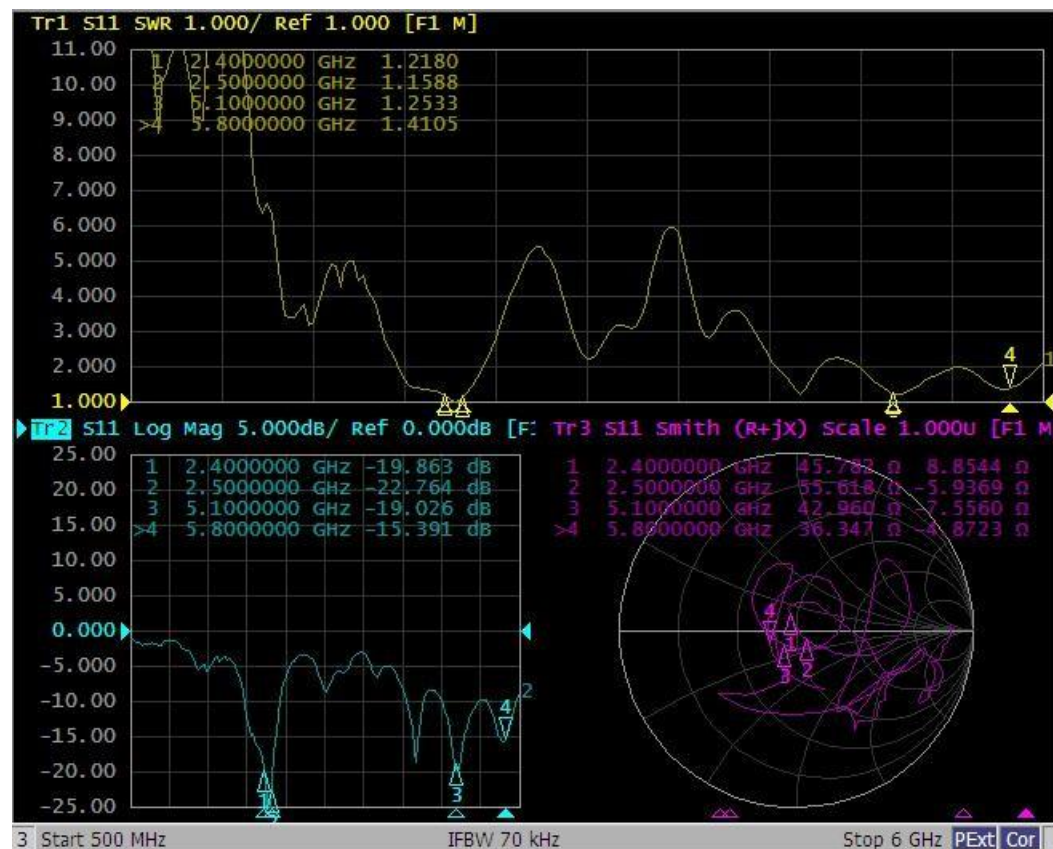
Vertical:



WIFI2 Passive antenna parameters

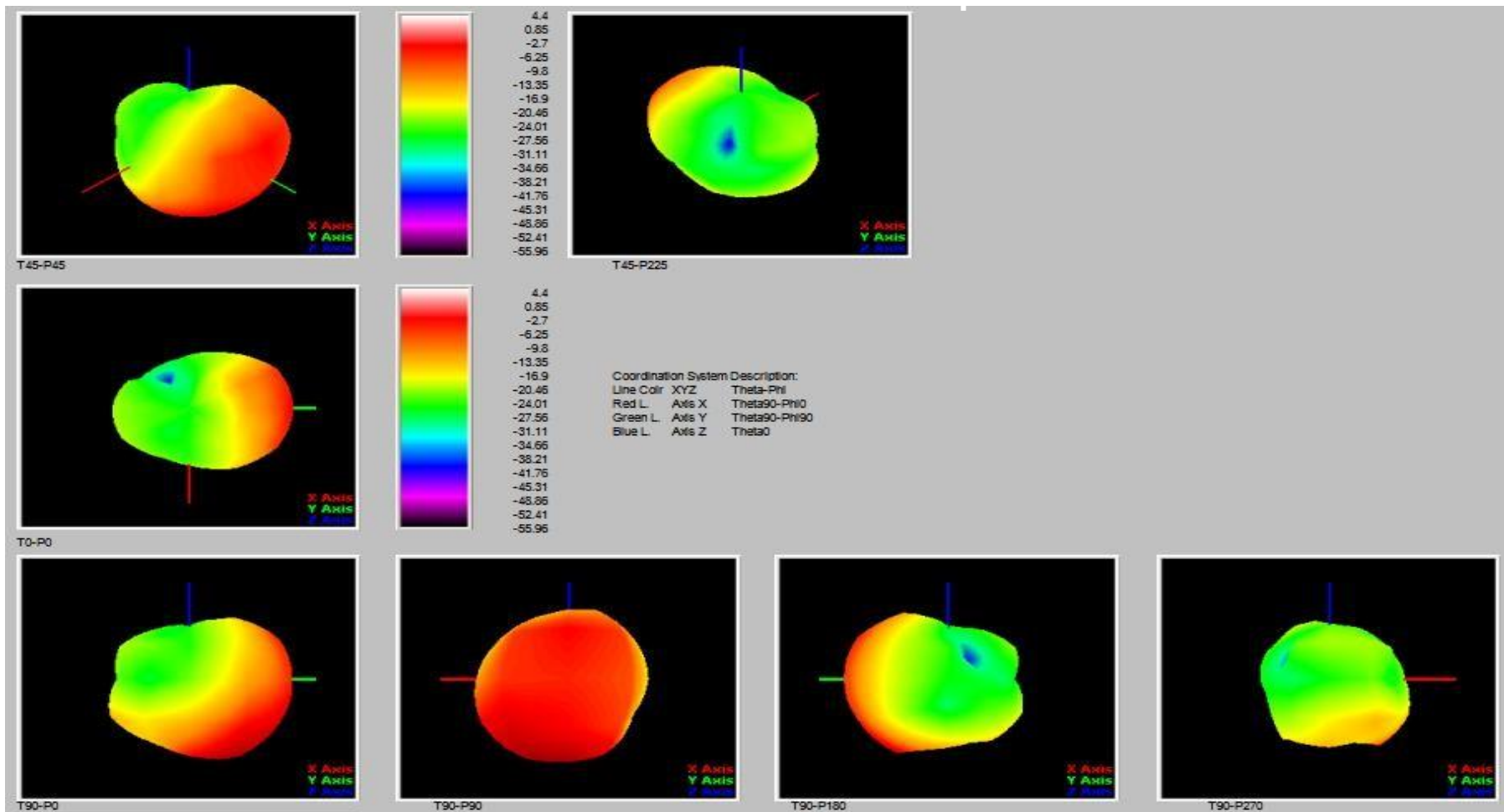
Passive Test

Freq (MHz)	Effi (%)	Gain (dBi)	Freq (MHz)	Effi (%)	Gain (dBi)
2400.0	60.8%	3.45	5100.0	62.3%	3.82
2410.0	62.0%	3.61	5150.0	59.1%	3.35
2420.0	60.1%	3.85	5200.0	64.0%	4.43
2430.0	58.2%	4.02	5250.0	62.1%	4.21
2440.0	56.3%	4.29	5300.0	51.5%	4.85
2450.0	57.5%	4.40	5350.0	60.1%	5.35
2460.0	56.4%	4.32	5400.0	57.3%	4.26
2470.0	55.8%	4.02	5450.0	59.5%	5.20
2480.0	55.1%	4.19	5500.0	54.1%	5.67
2490.0	56.2%	4.11	5550.0	52.3%	4.15
2500.0	55.4%	4.05	5600.0	52.9%	5.06
			5650.0	51.5%	5.57
			5700.0	61.4%	6.10
			5750.0	54.9%	5.75
			5800.0	52.8%	5.62

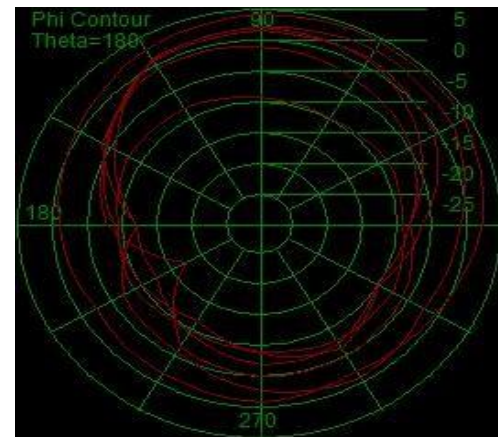
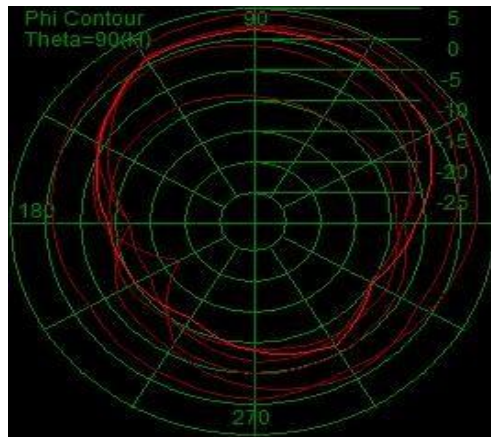
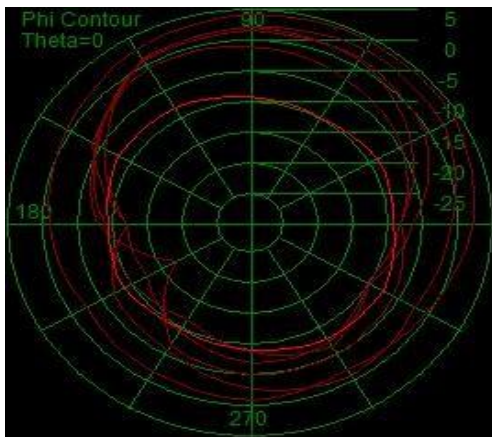


WIFI2 Antenna patterns

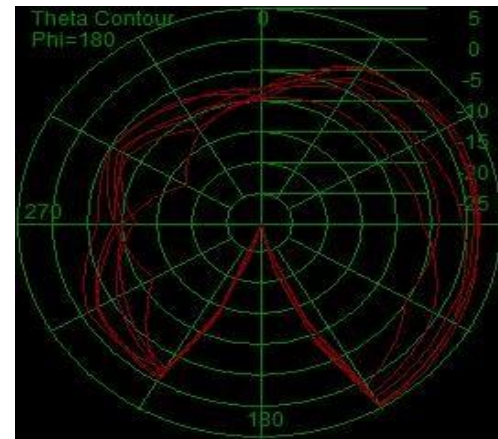
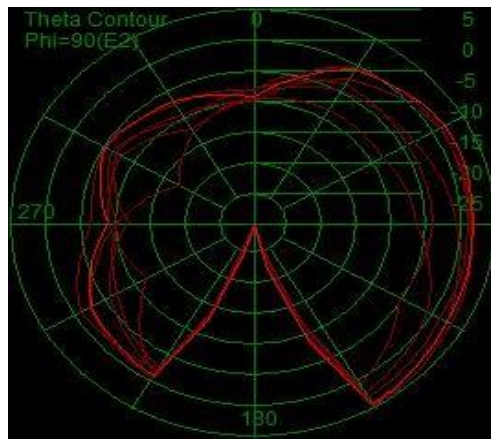
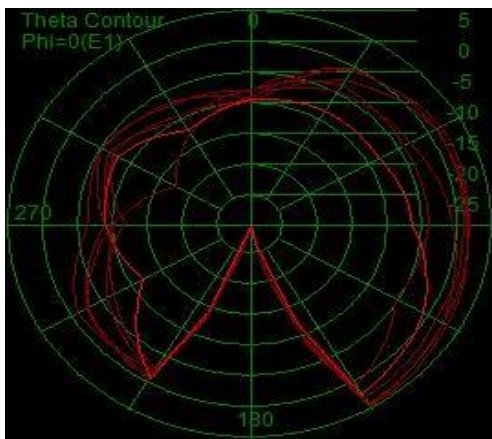
2400-2500MHz



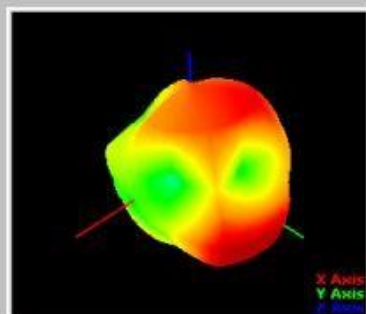
Horizontal:



Vertical:



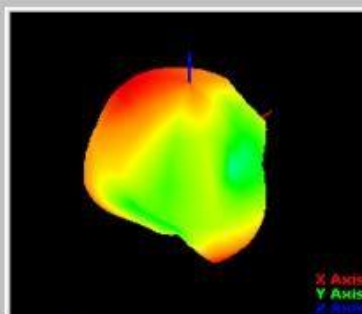
5100MHz-5800MHz



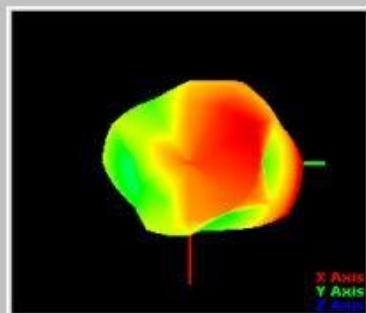
T45-P45



4.85
1.03
-2.79
-6.61
-10.43
-14.25
-18.07
-21.89
-25.71
-29.53
-33.35
-37.17
-40.99
-44.81
-48.63
-52.45
-56.27
-60.09



T45-P225

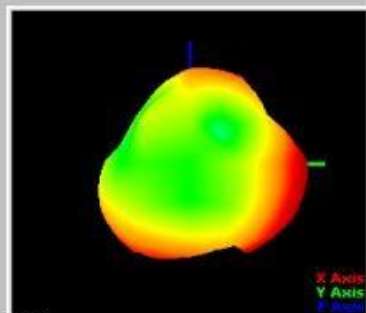


T0-P0

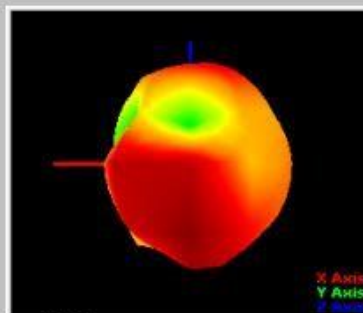


4.85
1.03
-2.79
-6.61
-10.43
-14.25
-18.07
-21.89
-25.71
-29.53
-33.35
-37.17
-40.99
-44.81
-48.63
-52.45
-56.27
-60.09

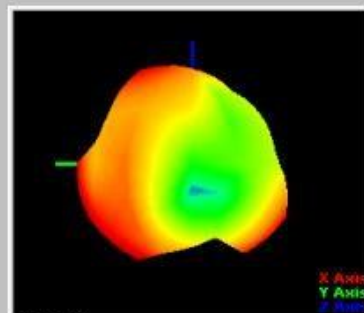
Coordination System Description:
Line Color XYZ Theta-Phi
Red L Axis X Theta90-Phi0
Green L Axis Y Theta90-Phi90
Blue L Axis Z Theta0



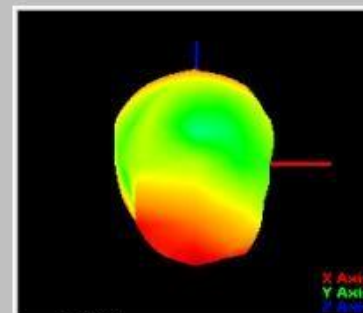
T90-P0



T90-P90

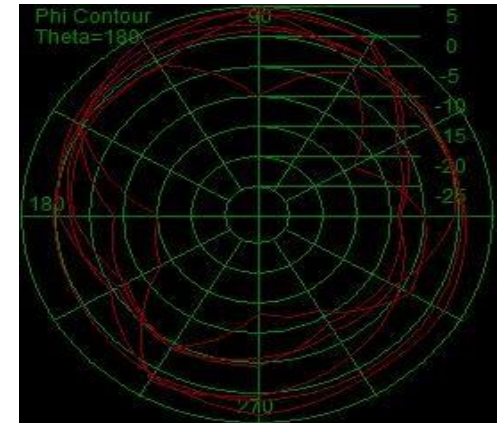
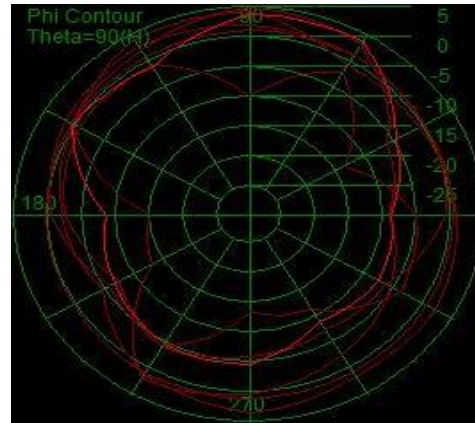
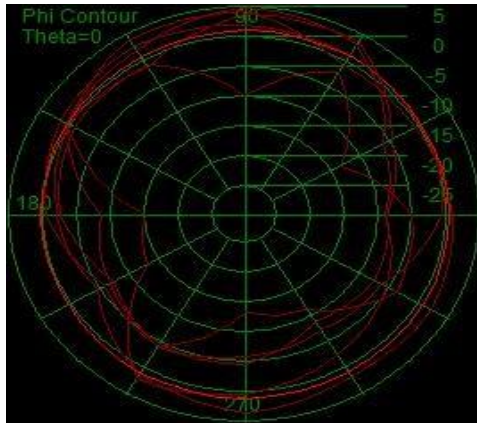


T90-P180

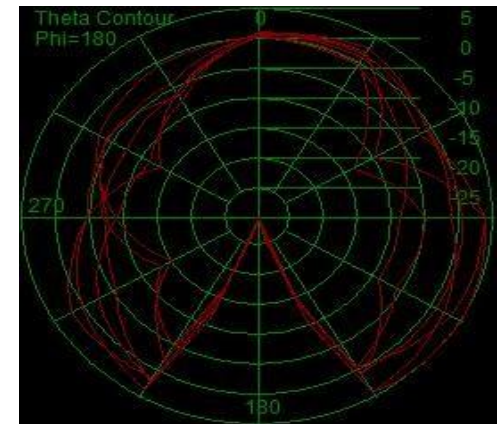
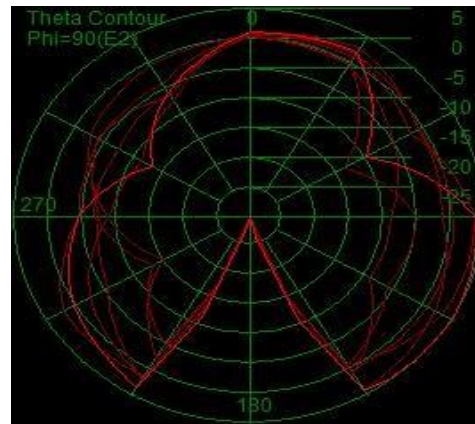
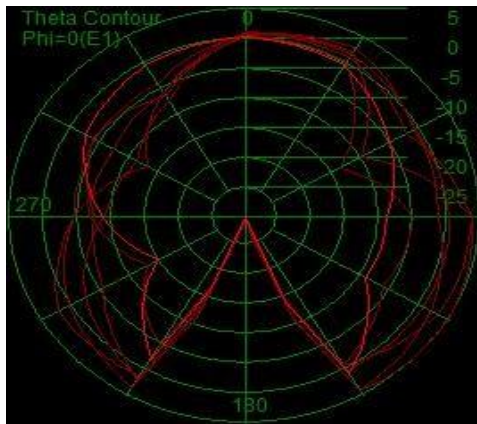


T90-P270

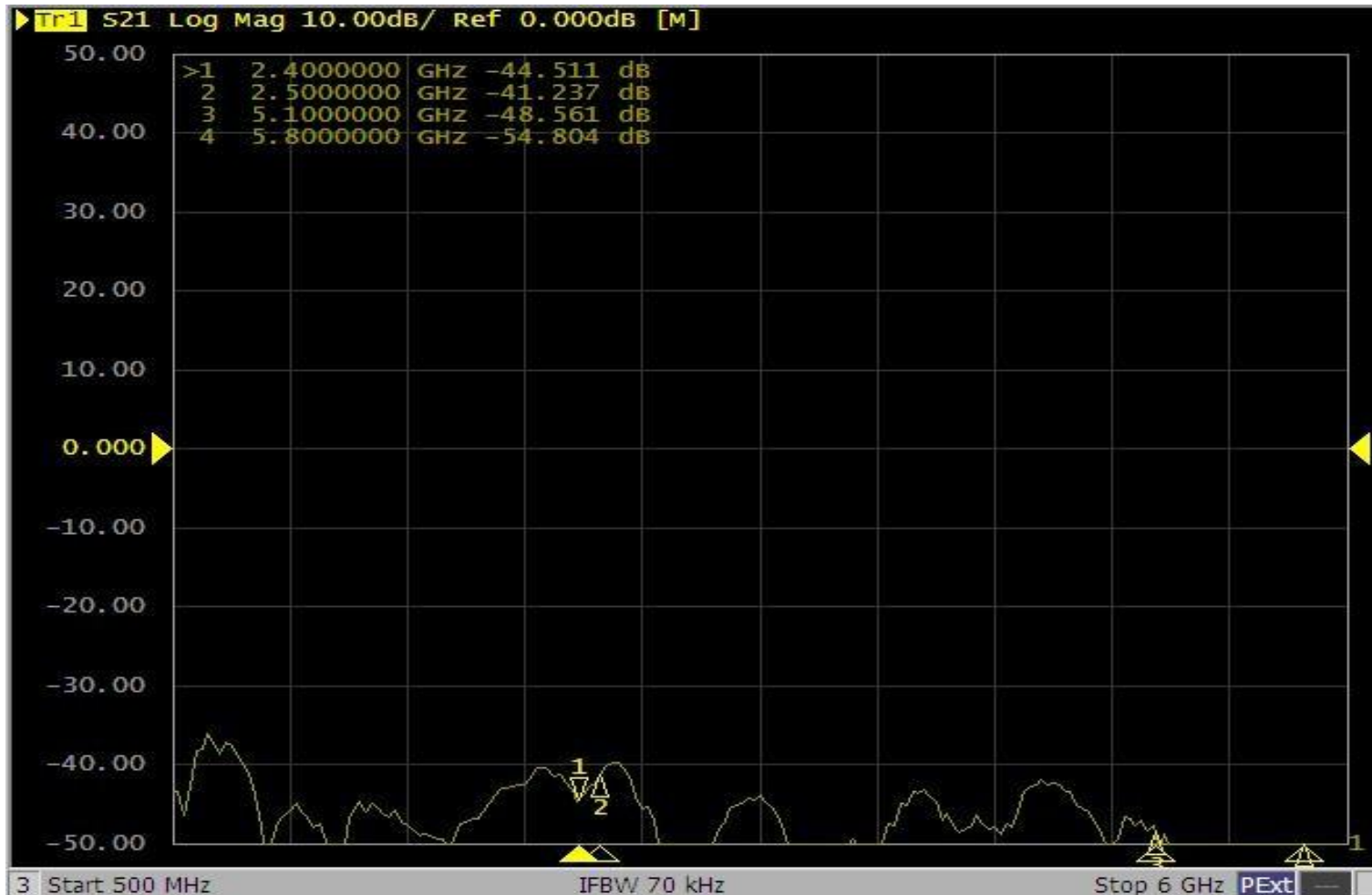
Horizontal:



Vertical:

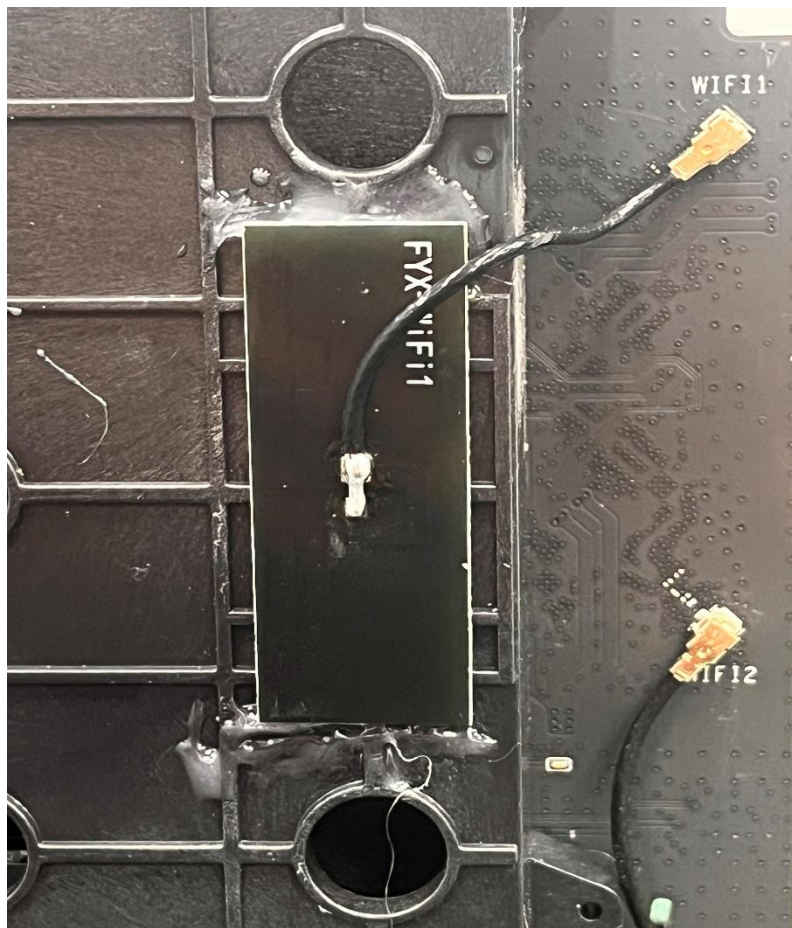


Isolation



Antenna position

WIFI1:



WIFI2:



Thank you!

