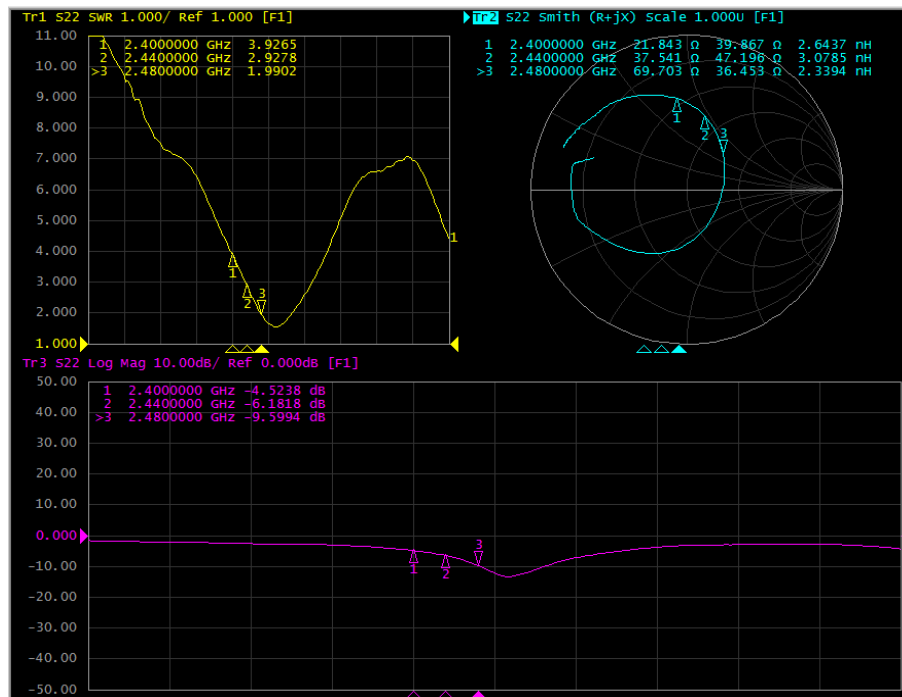


Customer	Luxshare
Manufacturer	Shenzhen Cicent Communication Technology Co., Ltd.
Address	505-506 ,ABlock,Donglian Building,Chuangye 2 road,Baoan District,Shenzhen,Guangdong,P.R china
Antenna model	BT FPC Antenna
Antenna type	Monopole Antenna

BT Antenna

S11 parameter



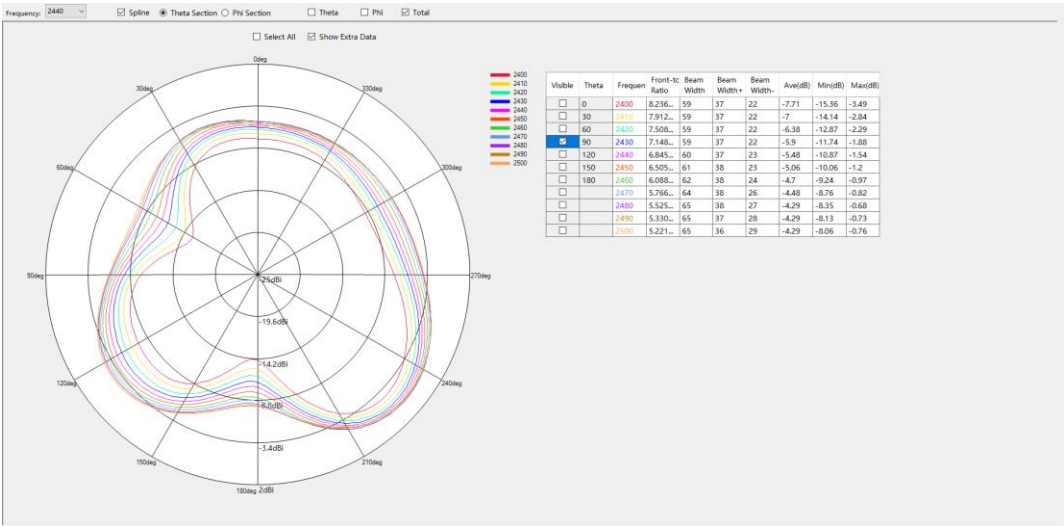
Passive efficiency of antenna

frequency (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)
2400	0.0	-6.0	25.1
2410	0.5	-5.5	28.3
2420	0.9	-5.0	31.4
2430	1.3	-4.6	34.7
2440	1.6	-4.3	37.5
2450	1.7	-4.1	39.3
2460	1.8	-3.8	41.3
2470	1.7	-3.8	41.7
2480	1.7	-3.8	42.0
AVG	1.2	-4.5	35.7

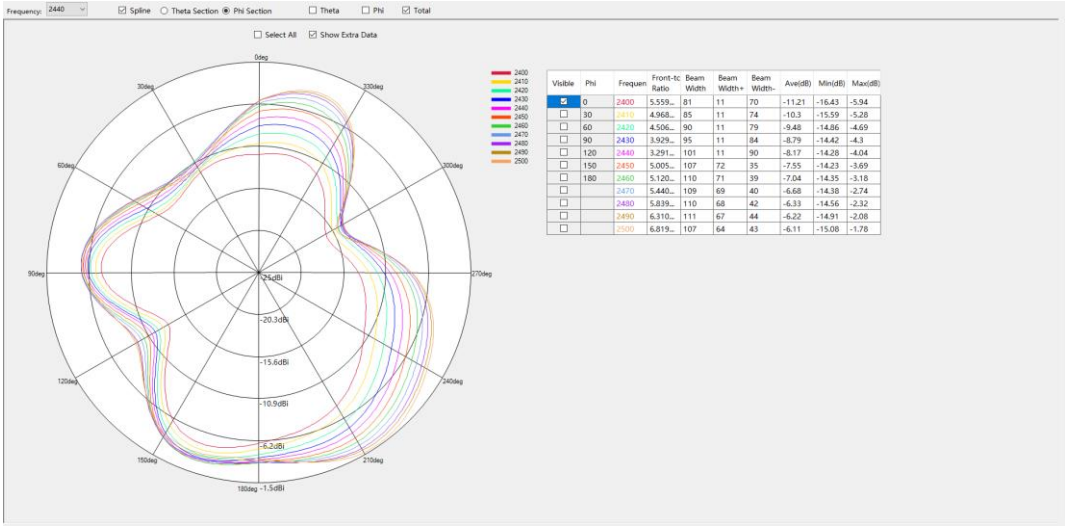
Peak Gain=1.8dBi

2D Pattern:

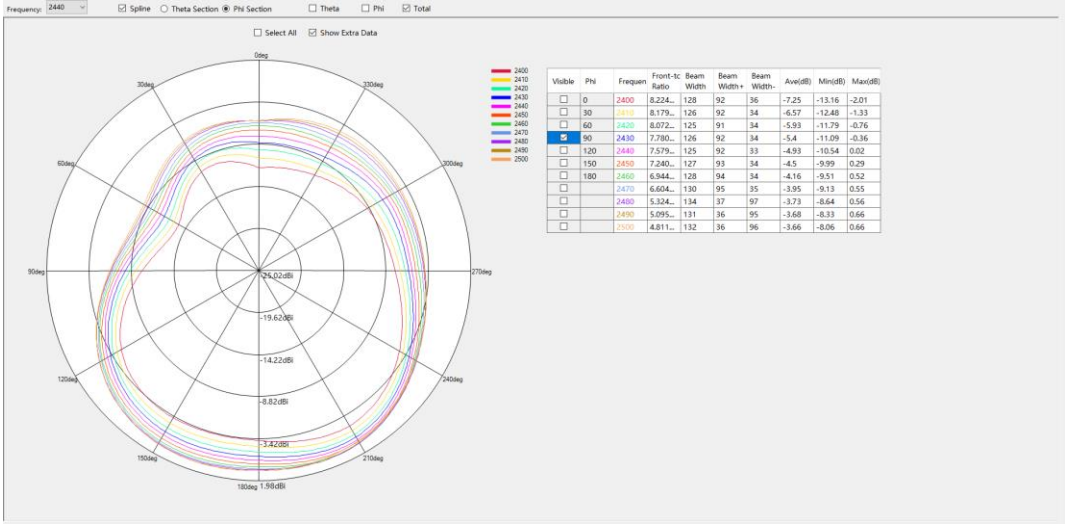
Theta = 90°



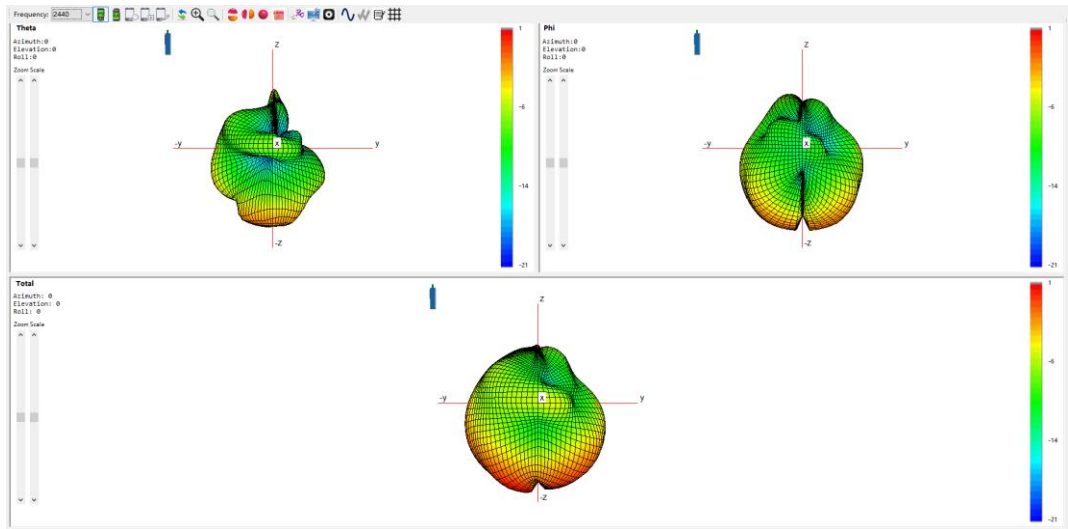
Phi=0°



Phi=90°

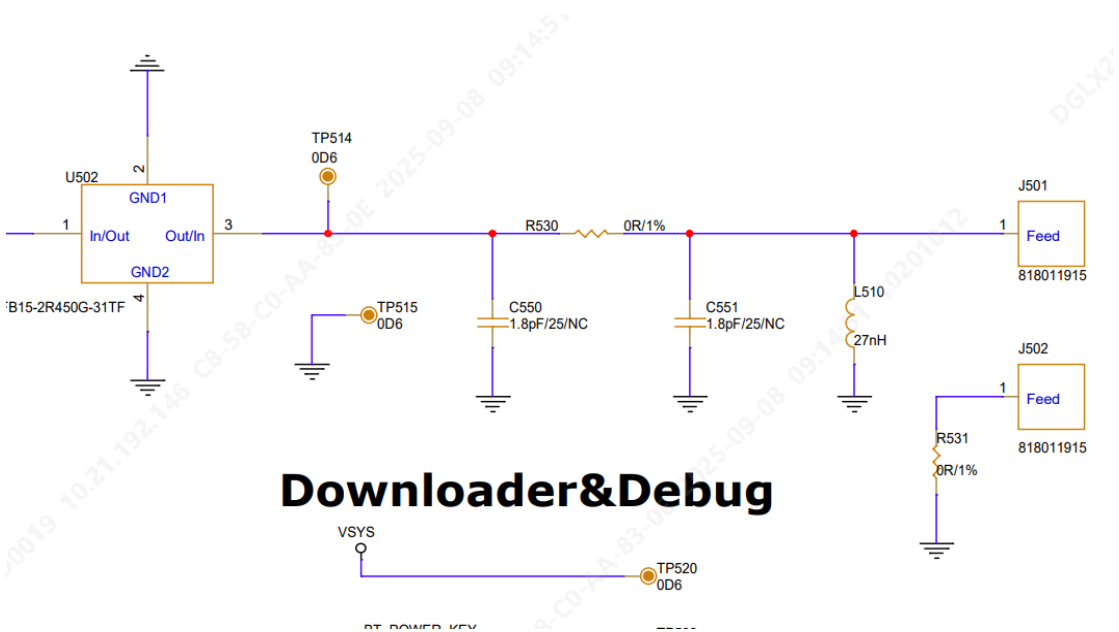


3D Pattern:

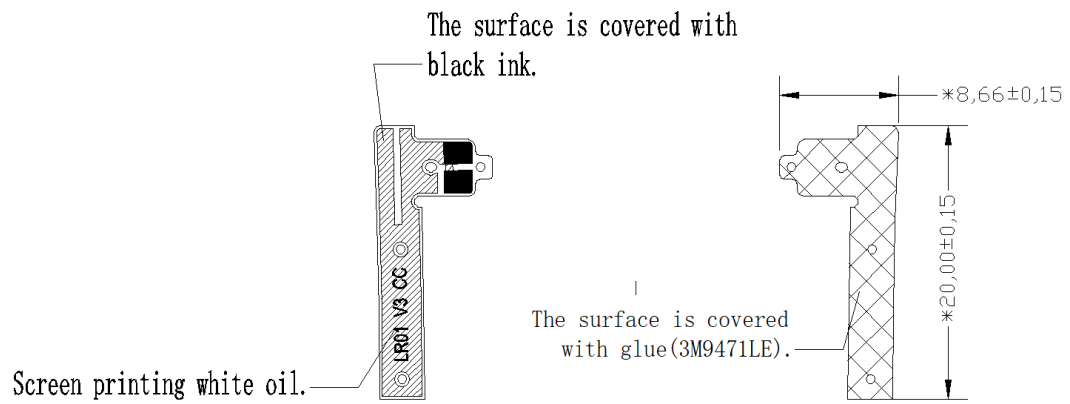


Antenna Matching Modification Diagram

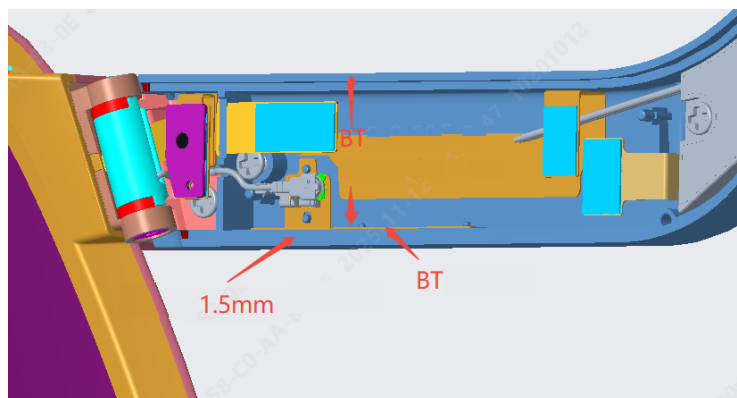
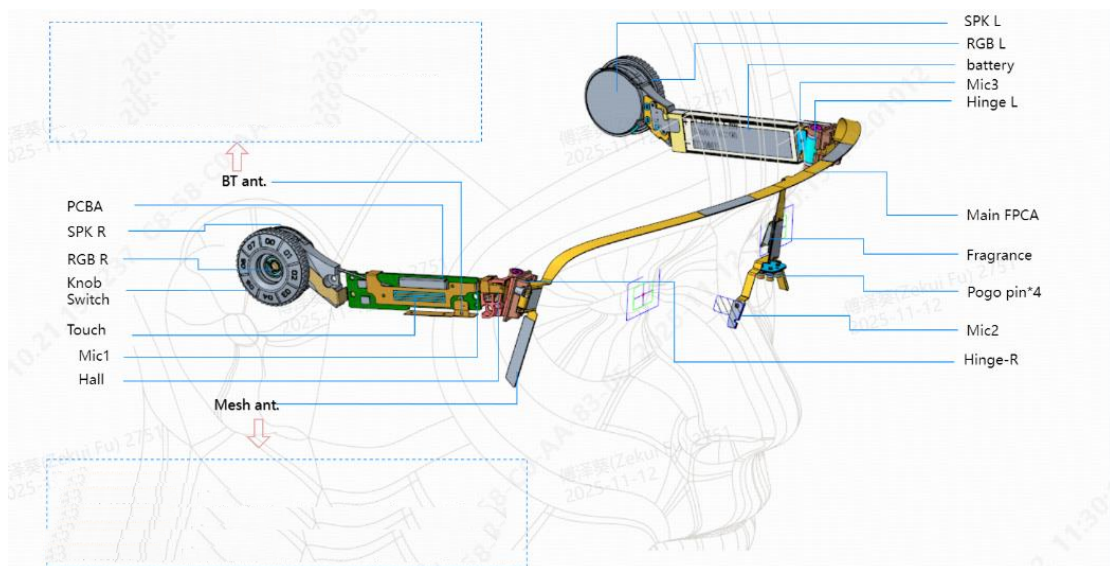
BT antenna		
	original	modify
L510	27nH	27nH
C551	N/A	2.7pF
R530	0 Ω	0 Ω
C550	NC	NC
R531	0 Ω	NC

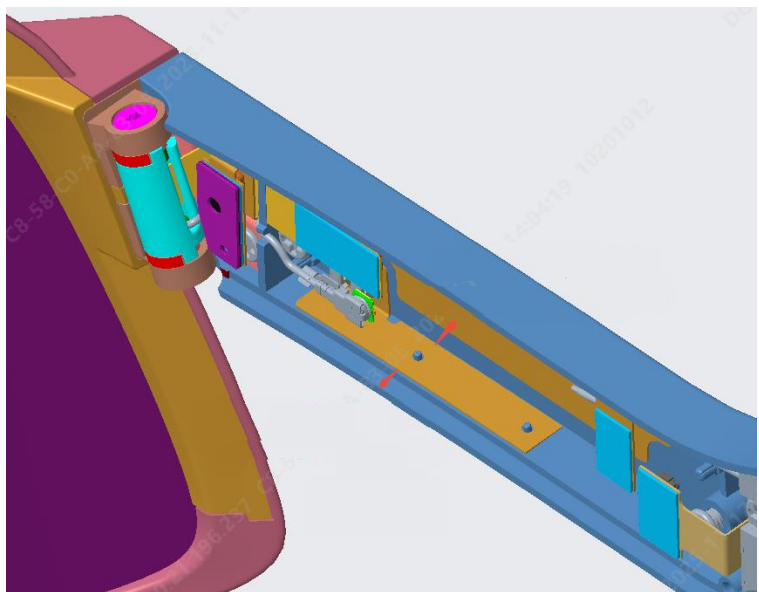


BT antenna drawing:



BT The antenna is located on the right temple of the glasses shown in the figure below.

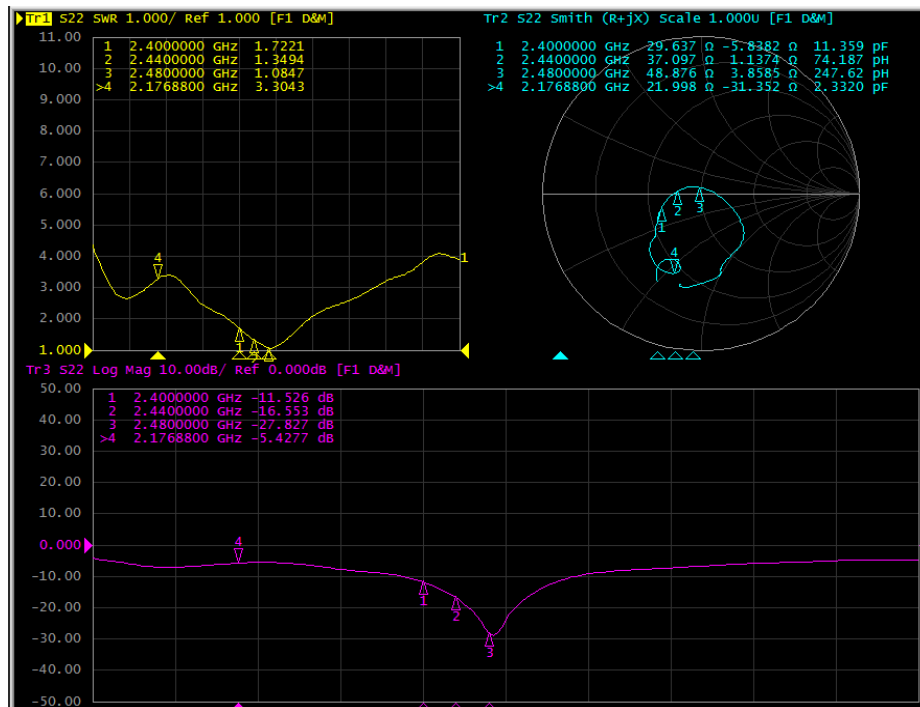




Customer	Luxshare
Manufacturer	Shenzhen Cicent Communication Technology Co., Ltd.
Address	505-506 ,ABlock,Donglian Building,Chuangye 2 road,Baoan District,Shenzhen,Guangdong,P.R china
Antenna model	Mesh(BLE) FPC Antenna
Antenna type	Monopole Antenna

Mesh Antenna

S11 parameter



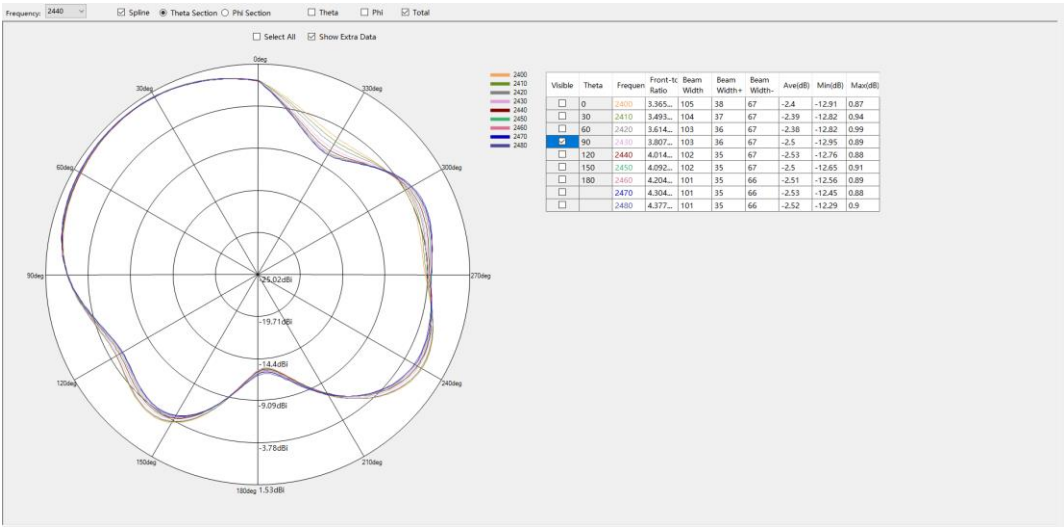
Passive efficiency of antenna

frequency (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)
2400	0.7	-4.1	39.3
2410	0.9	-4.0	40.3
2420	1.1	-3.9	41.2
2430	1.1	-3.8	41.5
2440	1.2	-3.8	42.2
2450	1.4	-3.7	43.2
2460	1.4	-3.6	43.9
2470	1.5	-3.6	44.1
2480	1.5	-3.5	44.4
AVG	1.2	-3.8	42.2

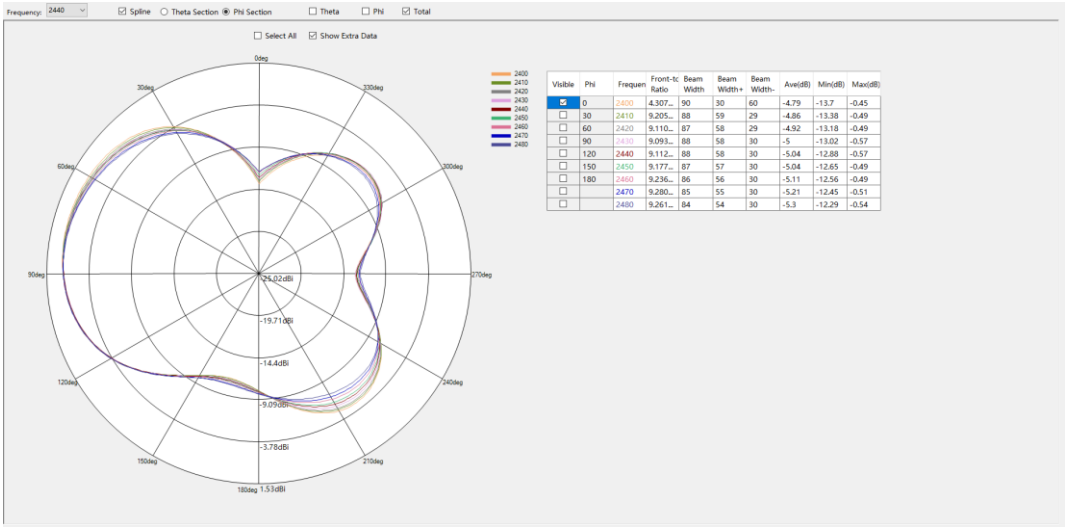
Peak Gain=1.5dBi

2D Pattern:

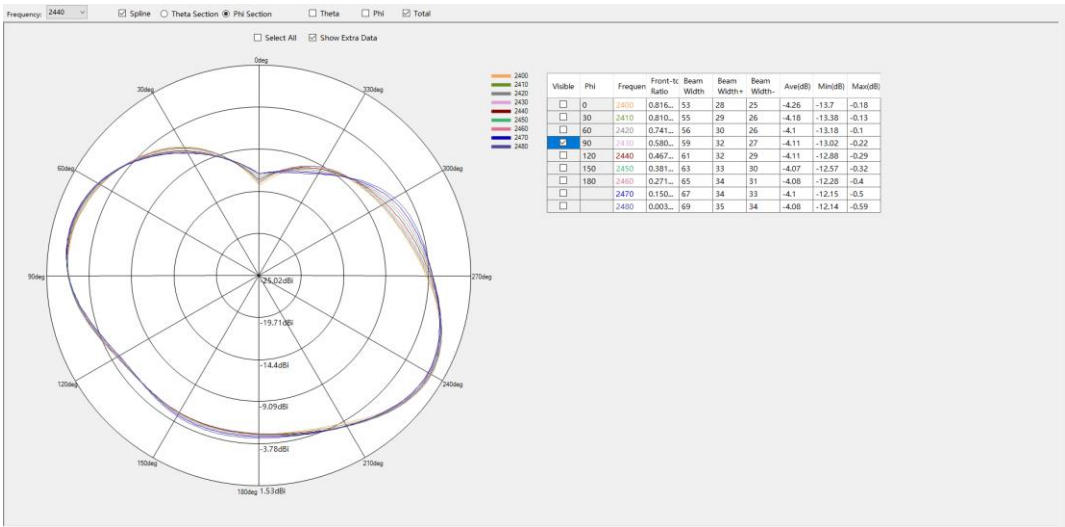
Theta = 90°



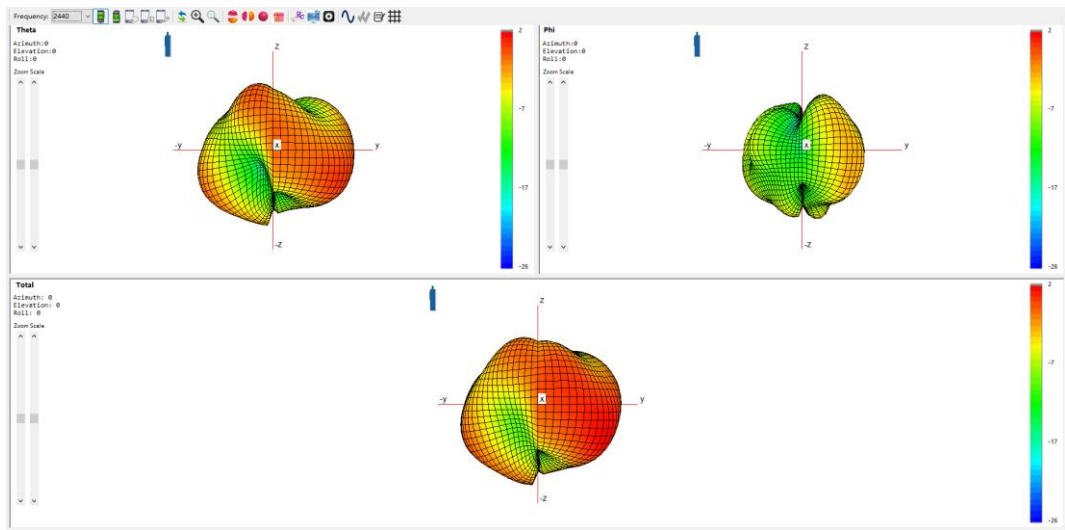
Phi=0°



Phi=90°

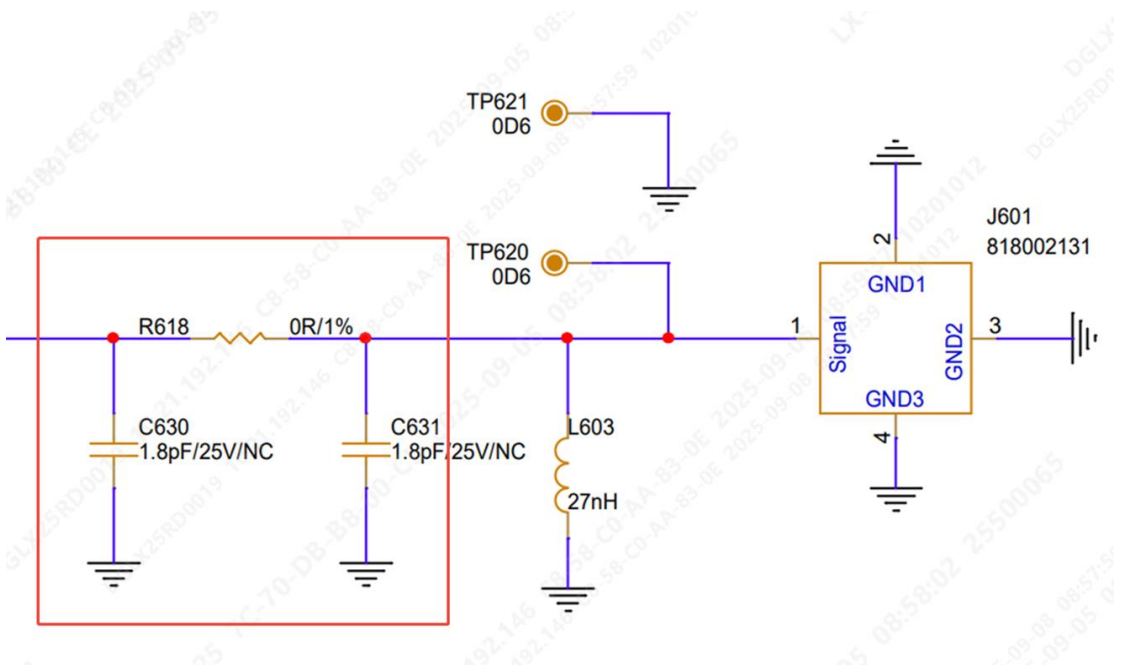


3D Pattern:

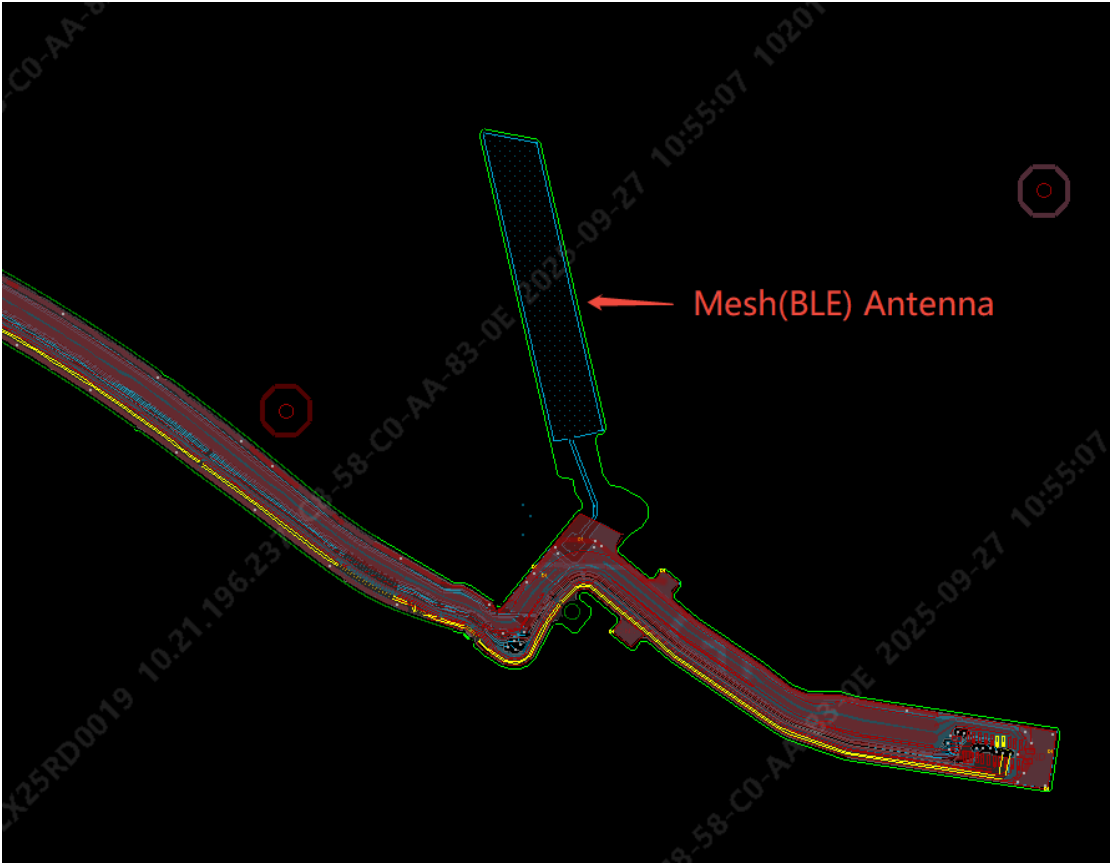


Antenna Matching Modification Diagram

Mesh antenna		
	original	modify
L603	27nH	27nH
C631	N/A	1.8nH
R618	0 Ω	1.2pF
C630	NC	NC



Mesh antenna drawing:



Mesh The antenna is located at the lower right corner of the eyeglass frame as shown in the figure below.

