



shangHaiwerchuangweilai communication
Technology co. , Ltd

Antenna Evaluating Report



2024/04/08




Customer	huiye	Project Name	
Channel	BT	Percsson Number	
Date	2024/04/08	Engineer	Ye Chengguo

Structure elucidation and suggestion





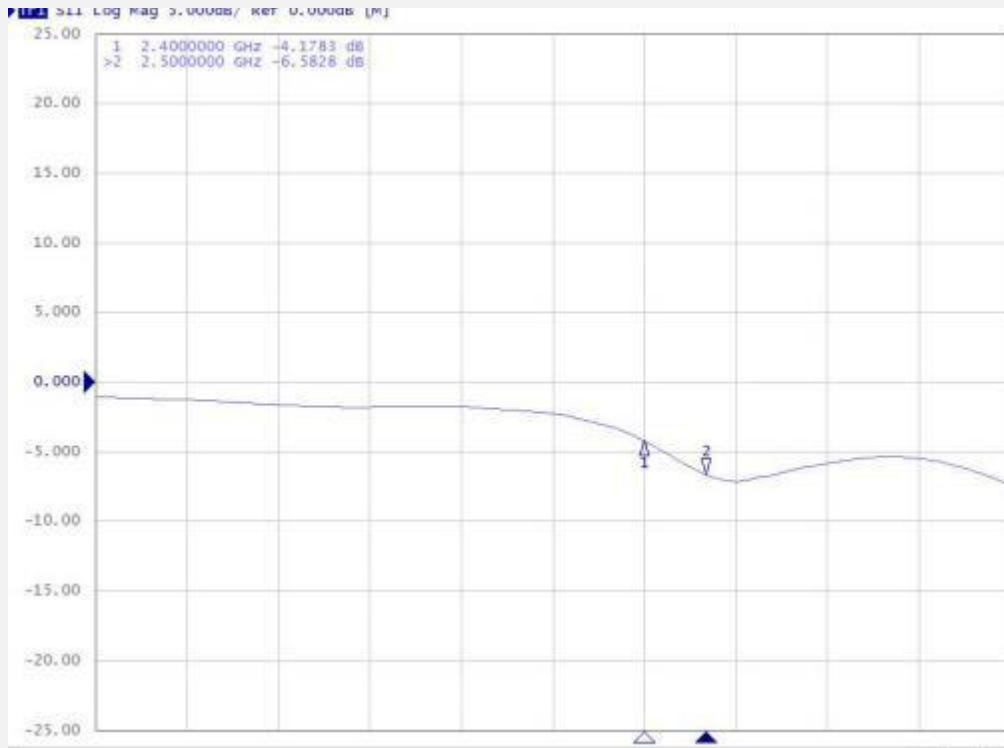
Antenna information

Antenna	Main Antenna	Antenna material	Onboard
Channel	2400-2490MHz		
antenna form	Onboard		
Antenna clearance			
Photo			



Antenna S11 diagram

Antenna S11 diagram and VSWR

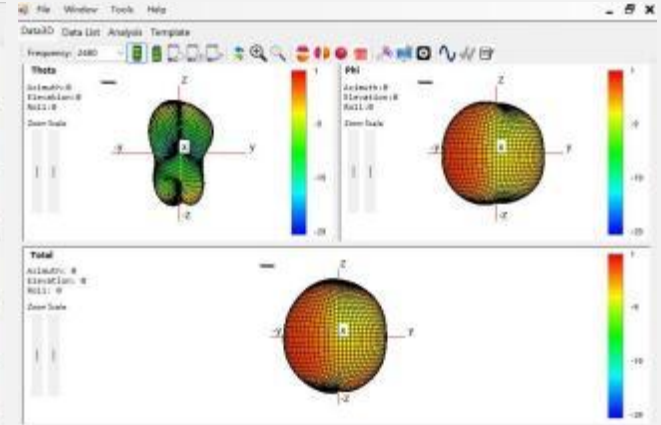
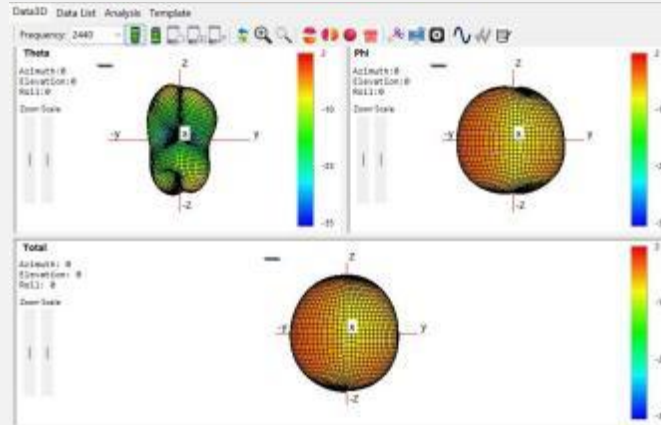
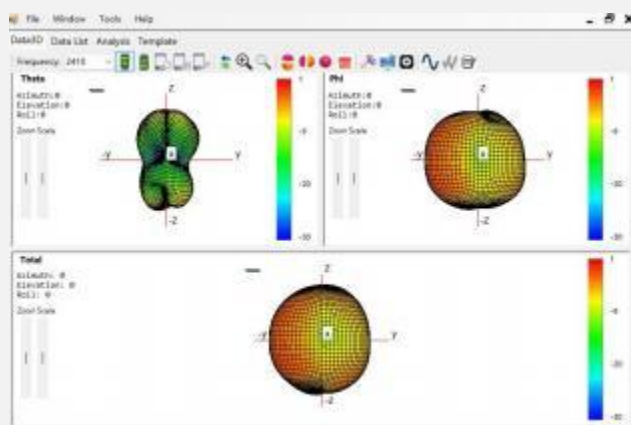




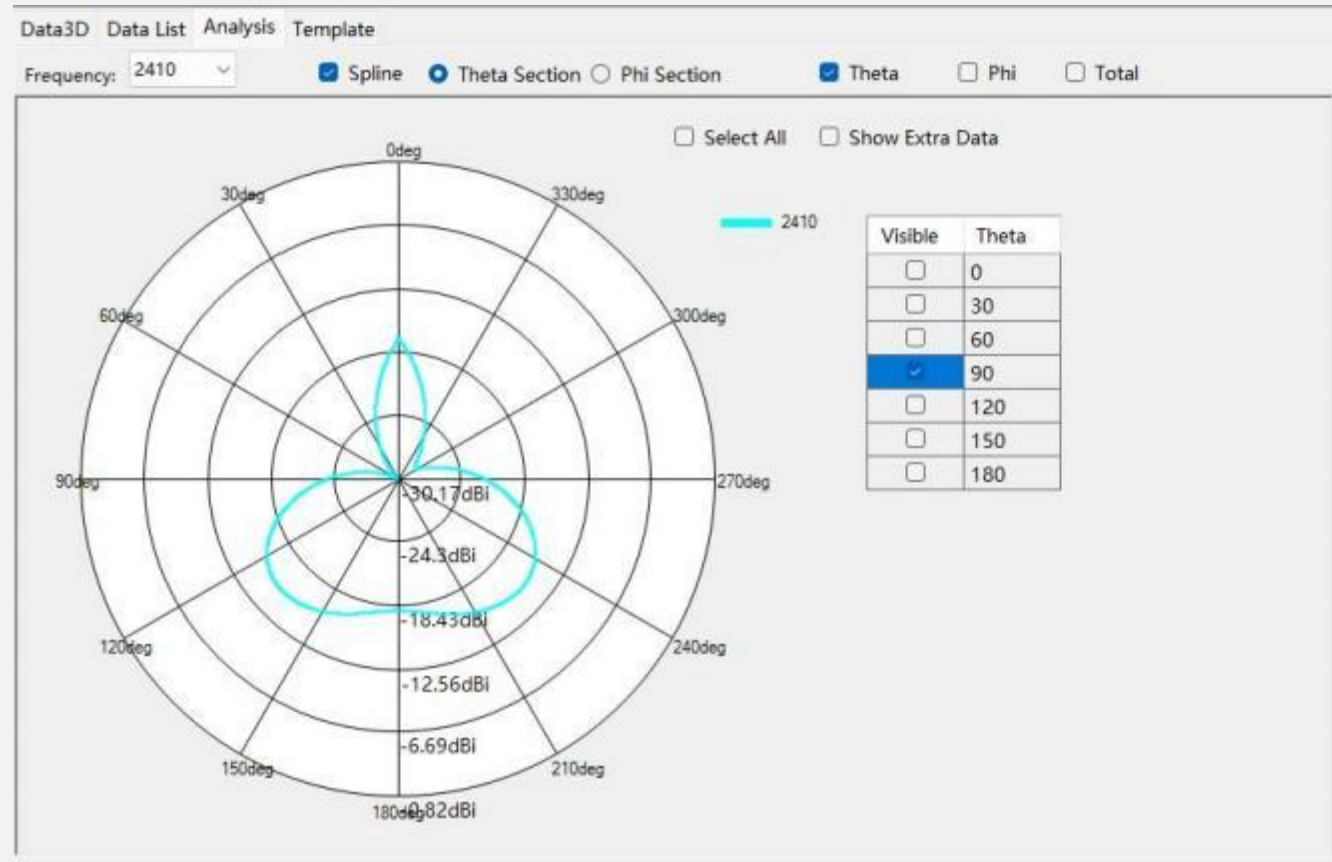
Antenna efficiency

Frequency	Efficiency /DB	Gain	Efficiency
2400	-7.25	-2.85	18.82
2410	-7.09	-2.68	19.53
2420	-6.86	-2.54	20.63
2430	-6.74	-2.58	21.17
2440	-6.57	-2.32	22.02
2450	-6.52	-2.23	22.27
2460	-6.39	-2.06	22.98
2470	-6.08	-1.76	24.67
2480	-5.79	-1.53	26.36
2490	-5.55	-1.13	27.87

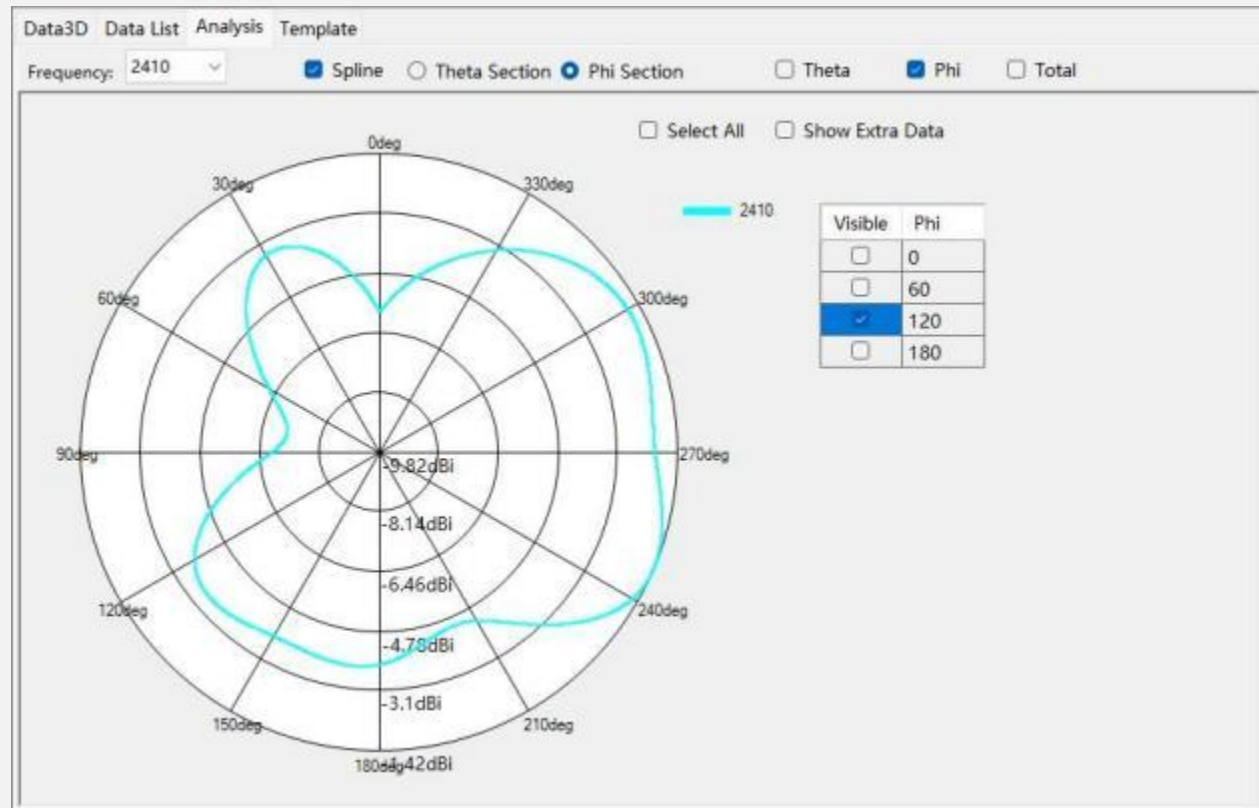
b 3DApple Image of Antenna



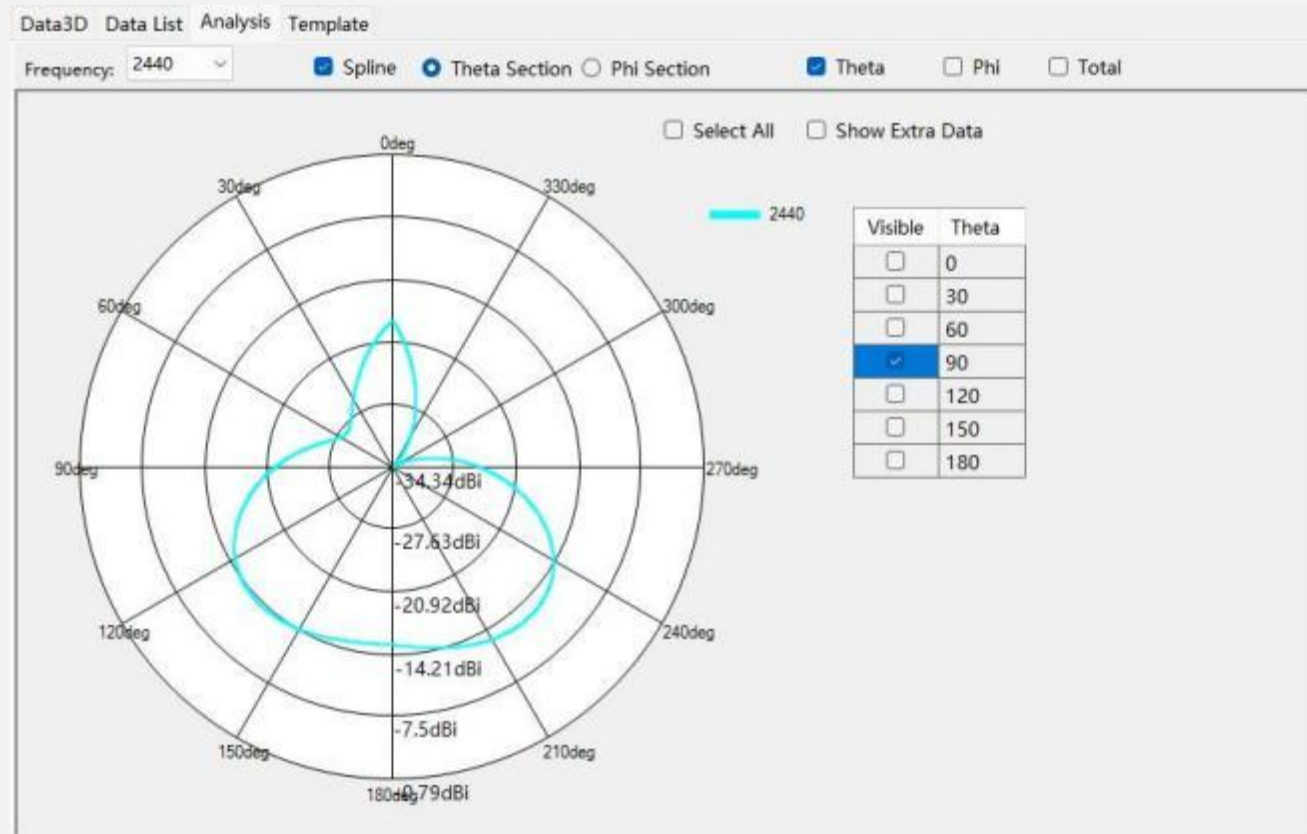
b 2D Apple Image of Antenna



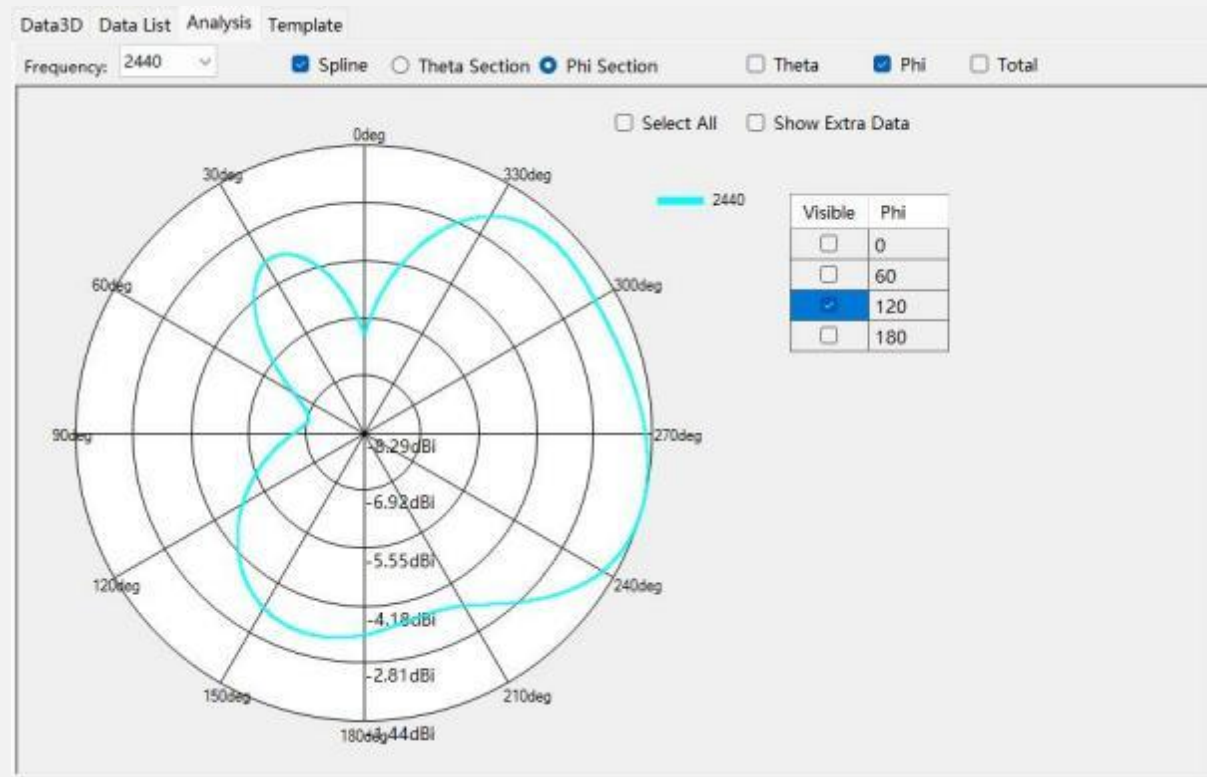
b 2D Apple Image of Antenna



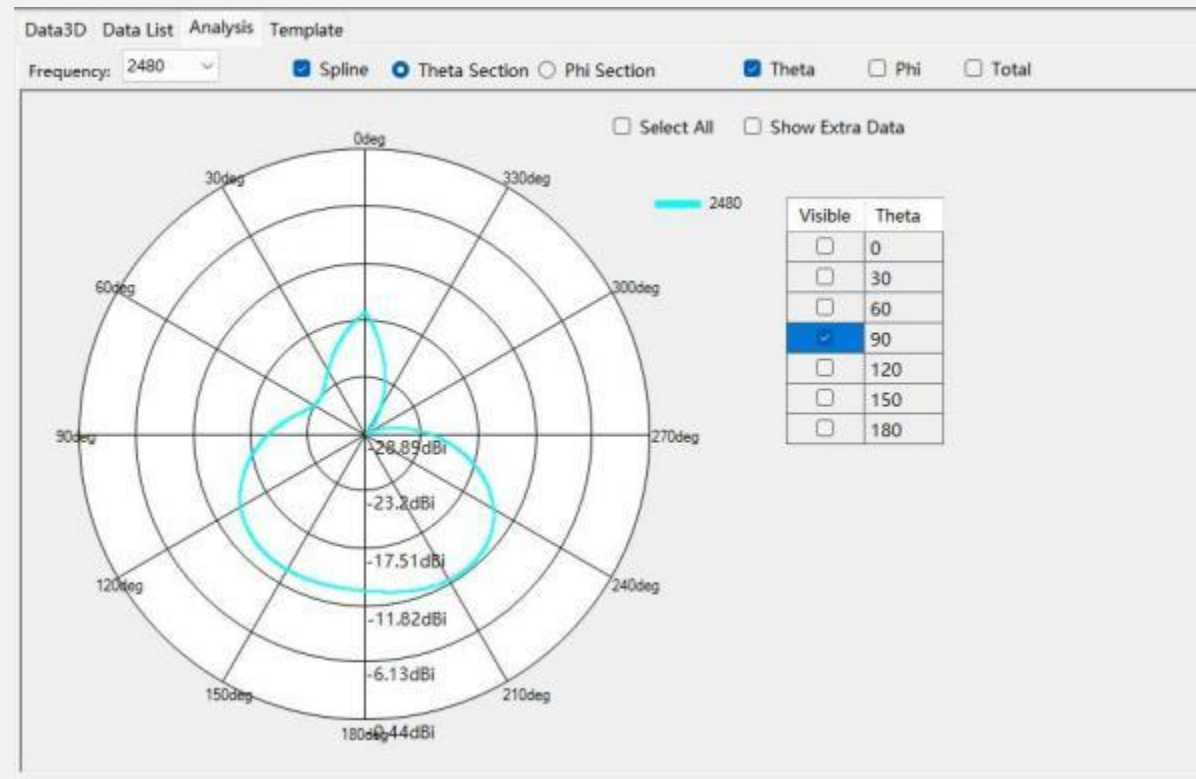
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b 2D Apple Image of Antenna



b 2D Apple Image of Antenna

