

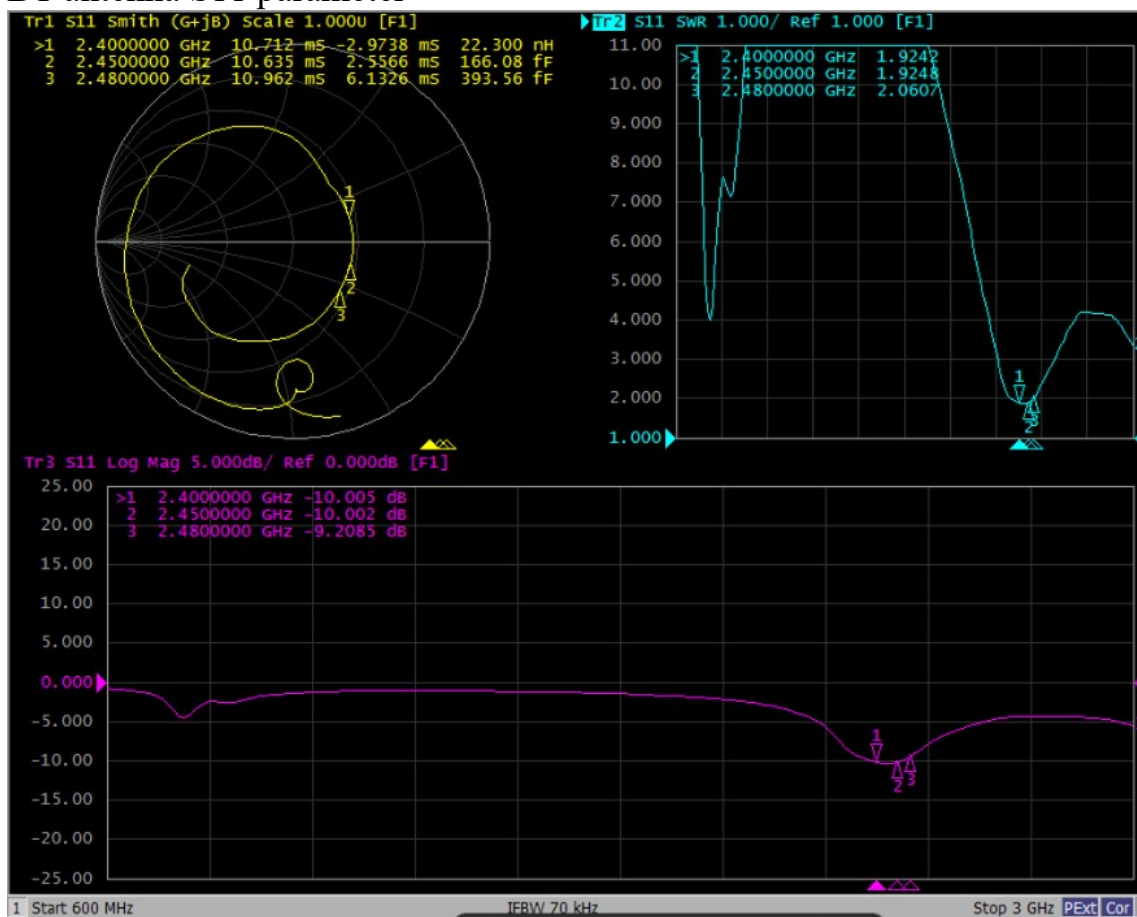


I: The report of passive data



Angilent E5071C

BT antenna S11 parameter

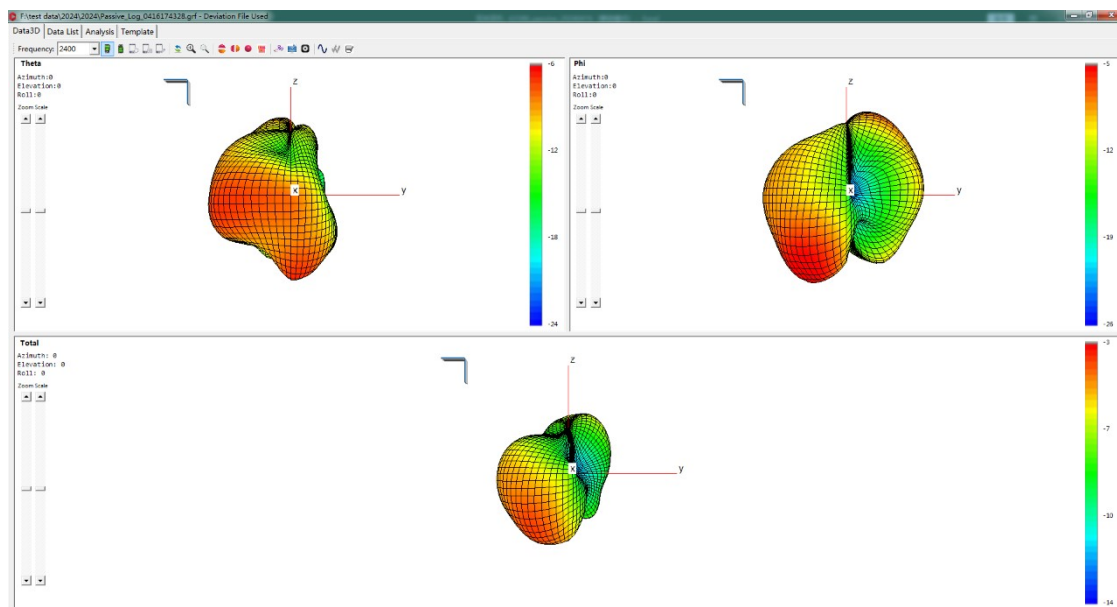




Efficiency:

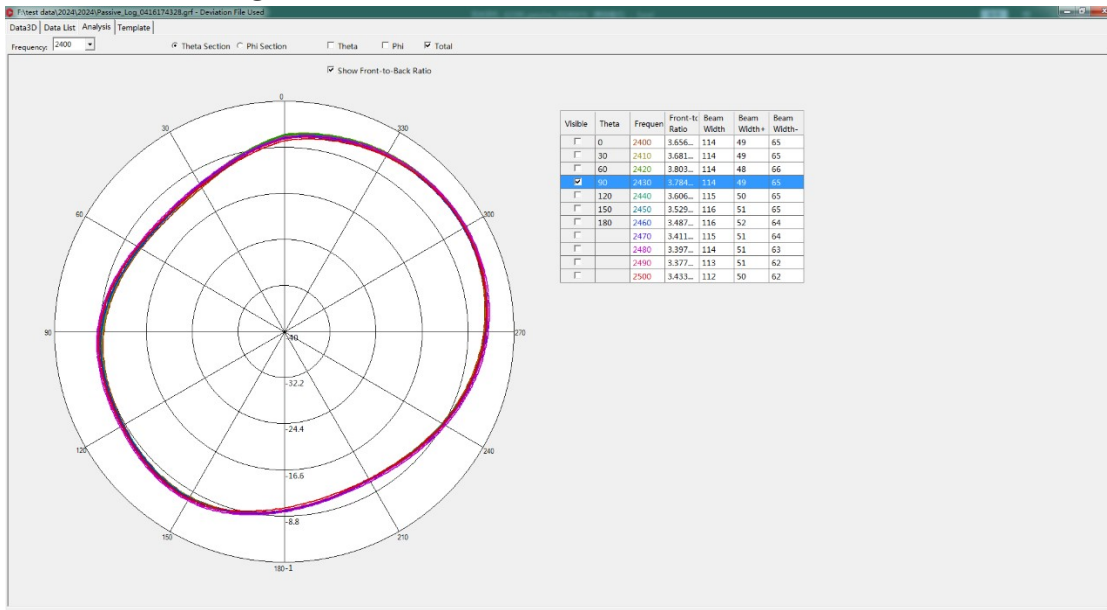
Frequency (MHz)	Efficiency (%)	Efficiency (dB)	Gain (dBi)
2400	15.7%	-8.1	-3.7
2410	16.4%	-7.9	-3.5
2420	17.0%	-7.7	-3.4
2430	16.9%	-7.7	-3.4
2440	16.5%	-7.8	-3.5
2450	16.9%	-7.7	-3.5
2460	16.4%	-7.8	-3.6
2470	17.3%	-7.6	-3.5
2480	17.9%	-7.5	-3.4
average value	16.8%	-7.8	-3.5

Passive radiation pattern of the whole machine unit: dBi

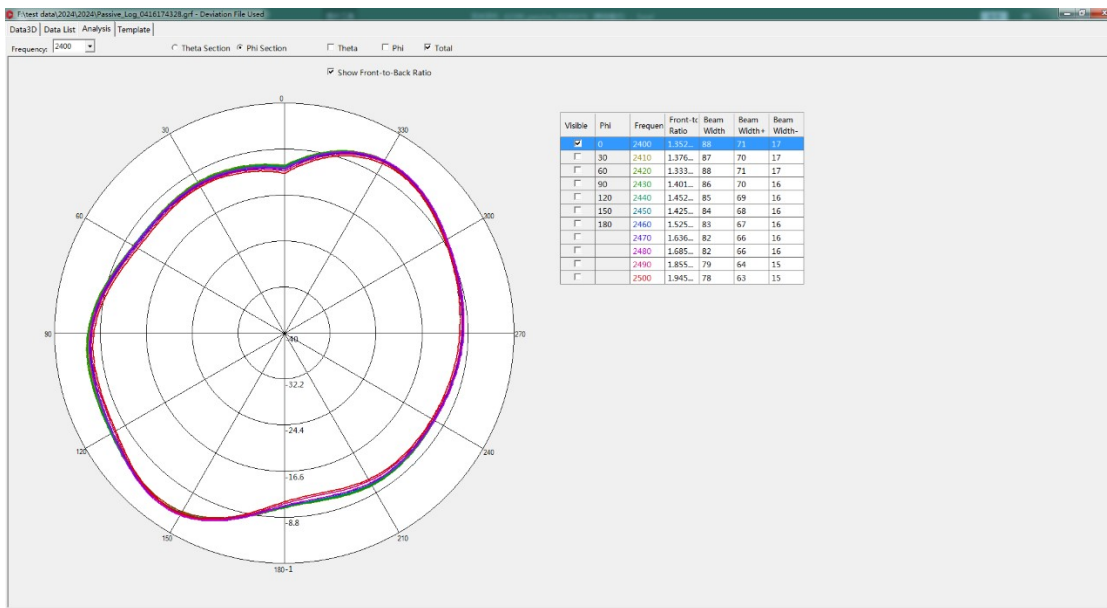




Theta=90.00deg unit: dBi

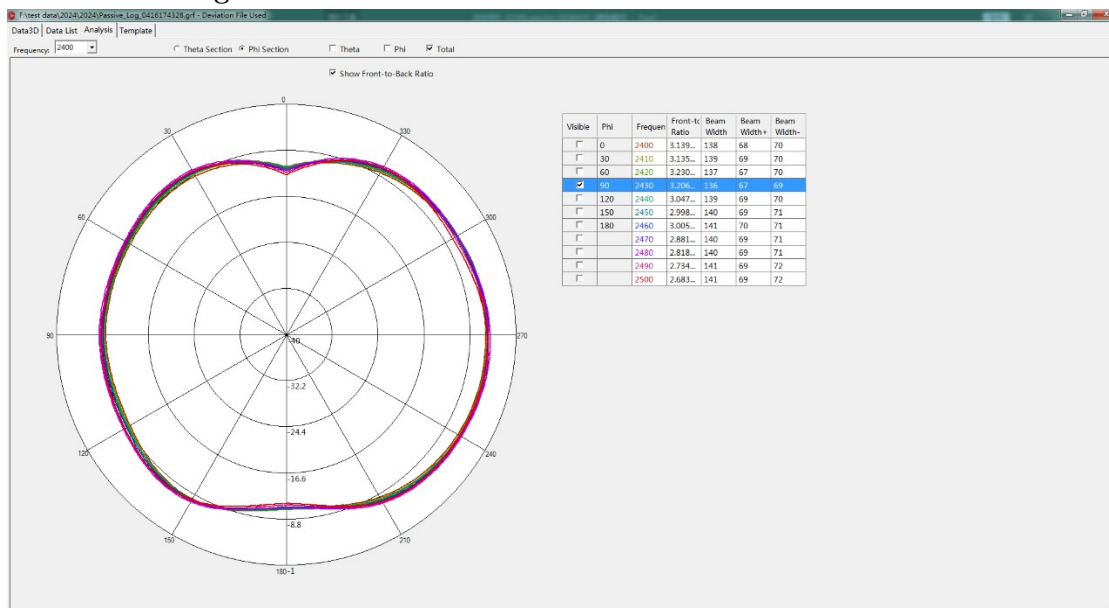


Phi=0.00deg unit: dBi





Phi=90.00deg unit: dBi



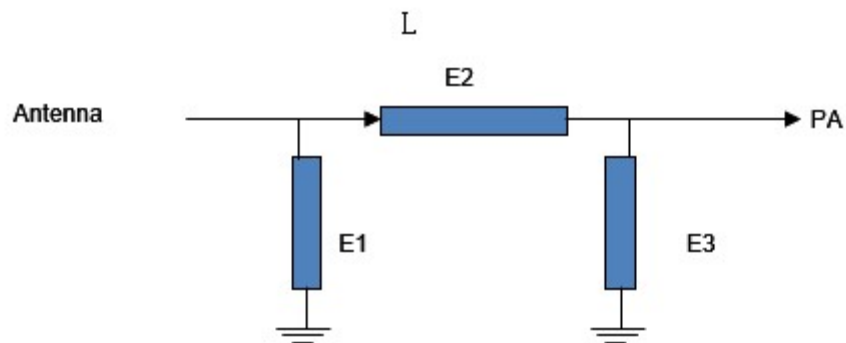
II: 3D Active test report of antenna

Freedom	Channel	TRP (dBm)	TIS (dBm)
L	CH 0	5.3	-88.6
	CH 39	5.5	-89.0
	CH 78	5.6	-88.8
Headform	Channel	TRP (dBm)	TIS (dBm)
L	CH 0	2.1	-85.8
	CH 39	2.7	-86.3
	CH 78	2.7	-86.3





III: Matching circuit



Element	Value
E1(0201)	N/A
E2(0201)	0Ω
E3(0201)	N/A

Motherboard conducts data:

conduction	Channel	TRP (dBm)	TIS (dBm)
L	CH 0	13.8	-95.0
	CH 39	14.0	-95.0
	CH 78	13.8	-95.0



IV: Structure file

