

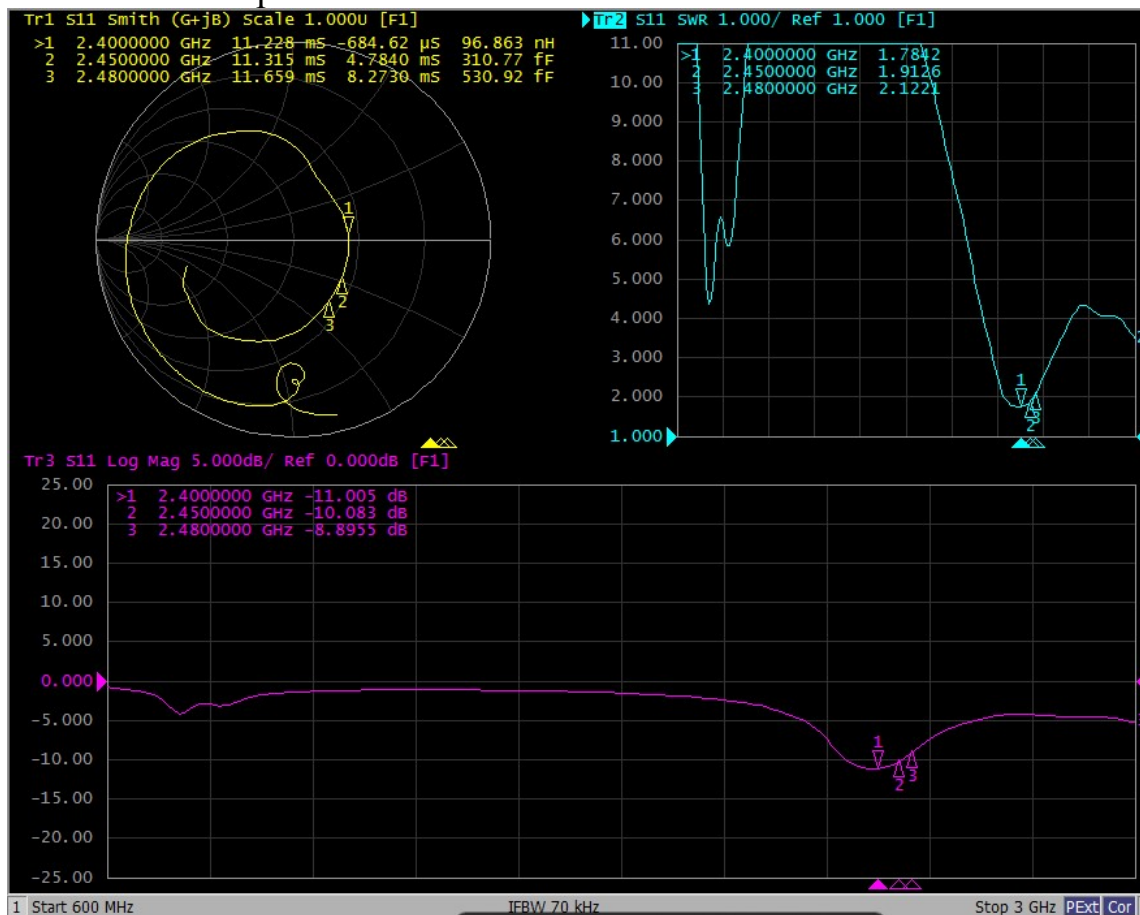


I: The report of passive data



Angilent E5071C

BT antenna S11 parameter

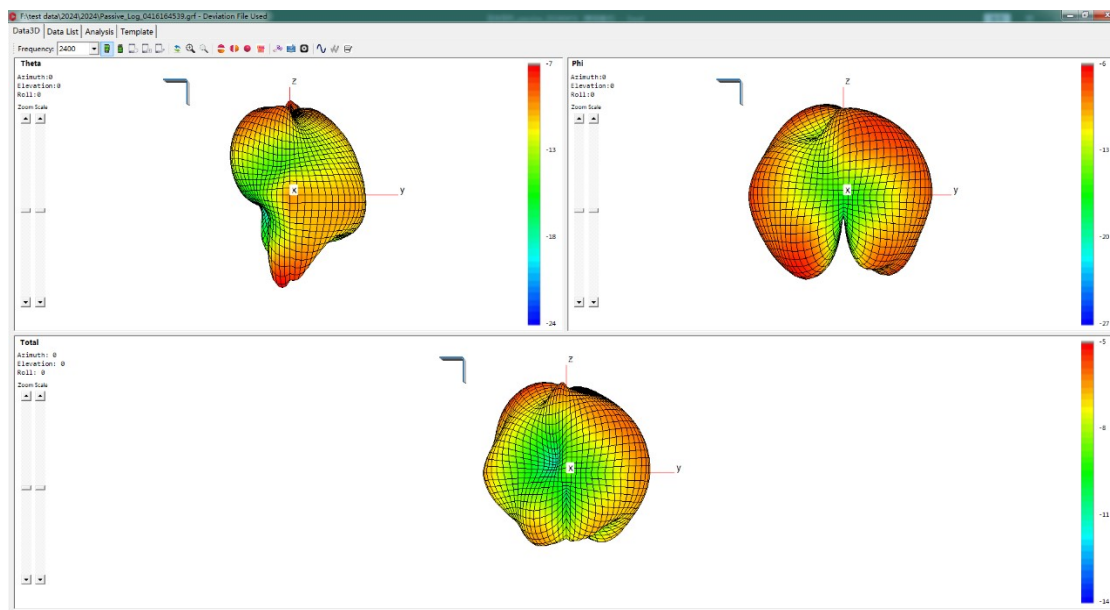




Efficiency:

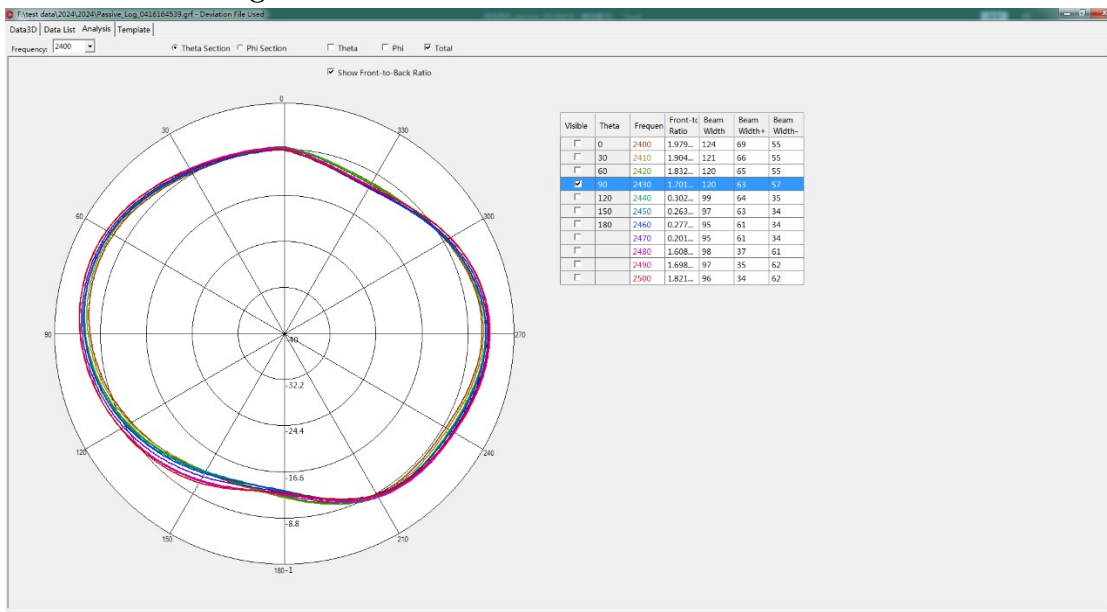
Frequency (MHz)	Efficiency (%)	Efficiency (dB)	Gain (dBi)
2400	15.7%	-8.0	-5.2
2410	16.9%	-7.7	-4.9
2420	17.7%	-7.5	-4.7
2430	17.9%	-7.5	-4.8
2440	17.6%	-7.6	-4.9
2450	18.1%	-7.4	-4.7
2460	17.9%	-7.5	-4.8
2470	19.0%	-7.2	-4.7
2480	20.1%	-7.0	-4.5
average value	17.9%	-7.5	-4.8

Passive radiation pattern of the whole machine unit: dBi

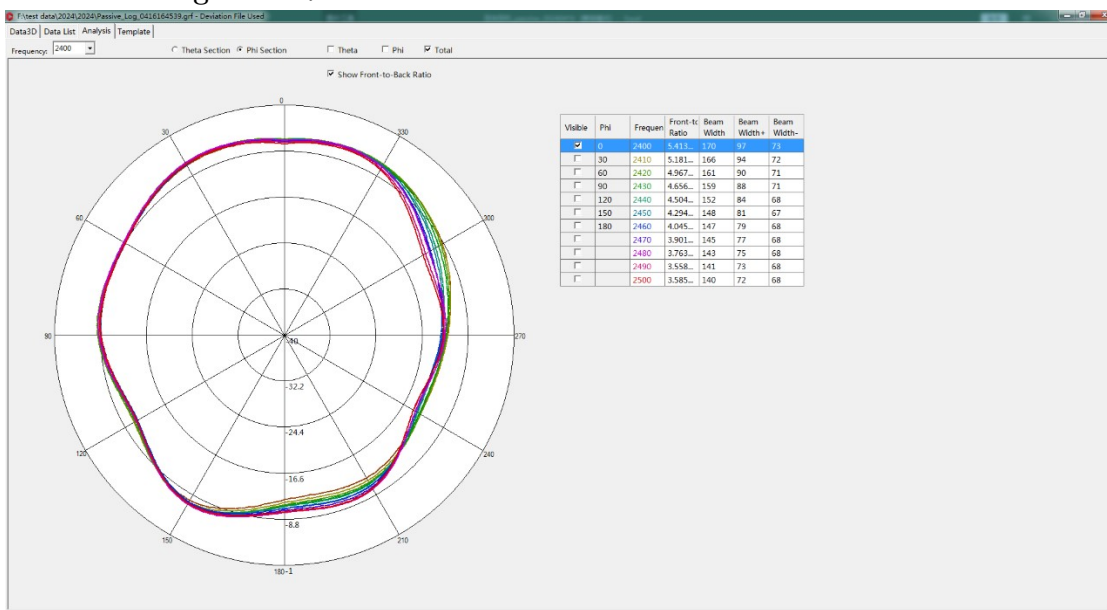




Theta=90.00deg unit: dBi

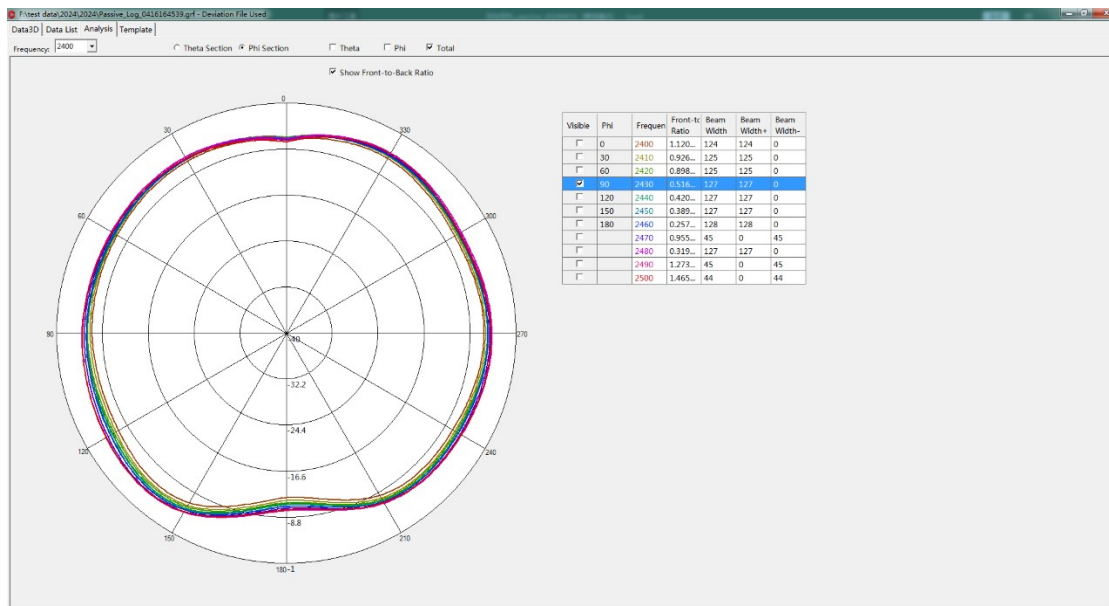


Phi=0.00deg unit: dBi





Phi=90.00deg unit: dBi



II: 3D Active test report of antenna

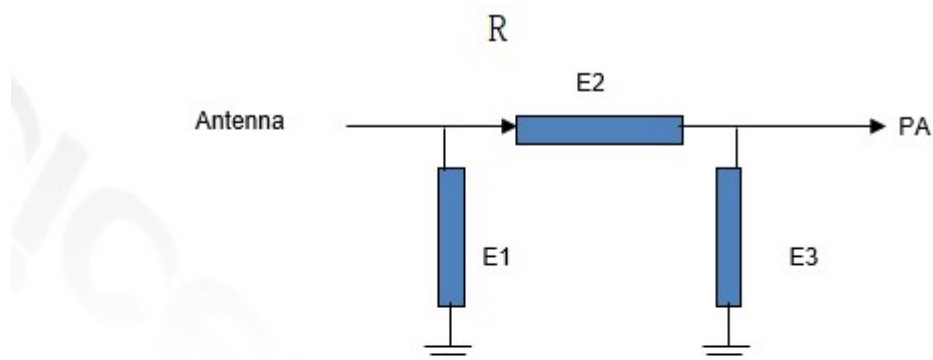
Freedom	Channel	TRP (dBm)	TIS (dBm)
R	CH 0	5.1	-87.8
	CH 39	5.9	-88.1
	CH 78	5.5	-88.0
Headform	Channel	TRP (dBm)	TIS (dBm)
R	CH 0	1.9	-84.5
	CH 39	2.0	-84.7
	CH 78	2.5	-85.5



OTA Standard Chamber



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)
R	CH 0	13.7	-95.0
	CH 39	13.8	-95.0
	CH 78	13.8	-95.0



IV: Structure file

