

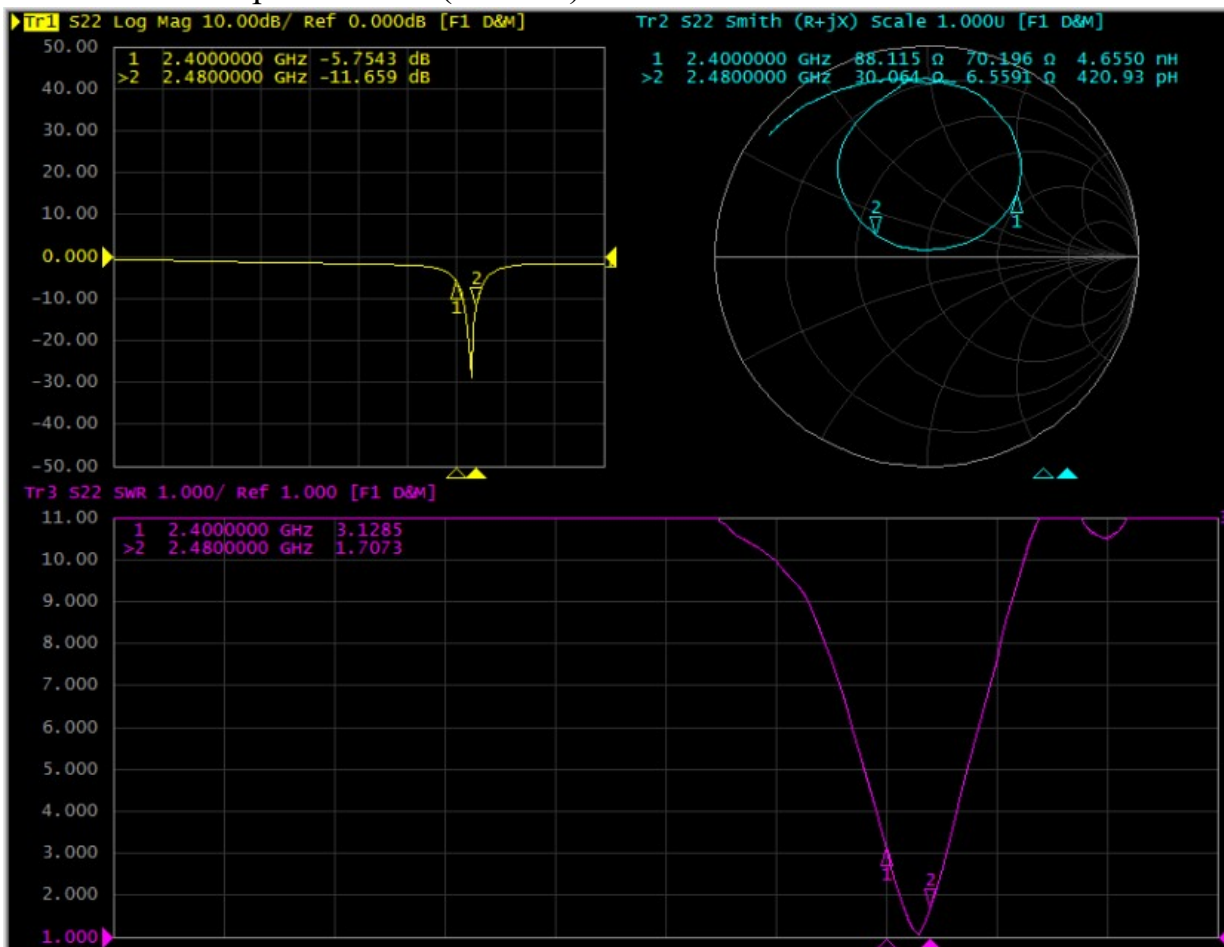


I: The report of passive data



Angilent E5071C

BT antenna S11 parameter: (Left ear)

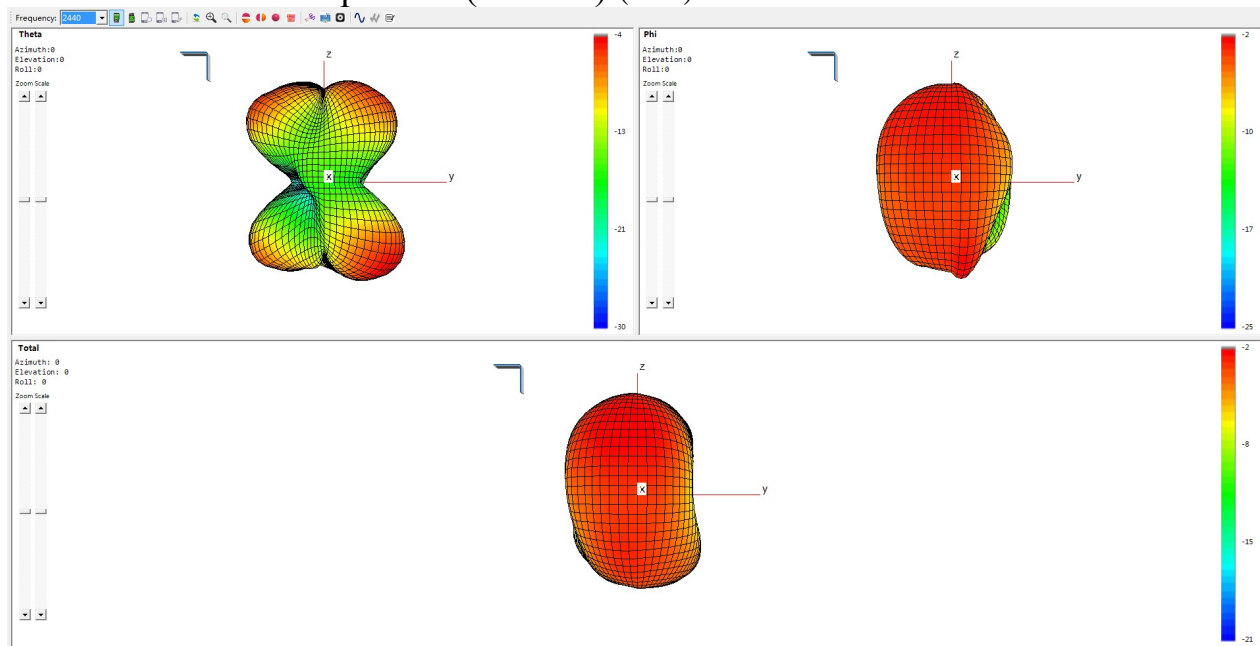




Efficiency: (Left ear)

Left ear			
Frequency (MHz)	Efficiency (%)	Efficiency (dB)	Gain (dBi)
2400	24.6%	-6.1 dB	-2.4 dBi
2410	26.3%	-5.8 dB	-2.2 dBi
2420	27.5%	-5.6 dB	-2.0 dBi
2430	29.4%	-5.3 dB	-1.8 dBi
2440	29.5%	-5.3 dB	-1.9 dBi
2450	31.2%	-5.1 dB	-1.7 dBi
2460	31.4%	-5.0 dB	-1.6 dBi
2470	27.9%	-5.6 dB	-2.1 dBi
2480	25.0%	-6.0 dB	-2.6 dBi
Average value	28.1%	-5.5 dB	-2.0 dBi

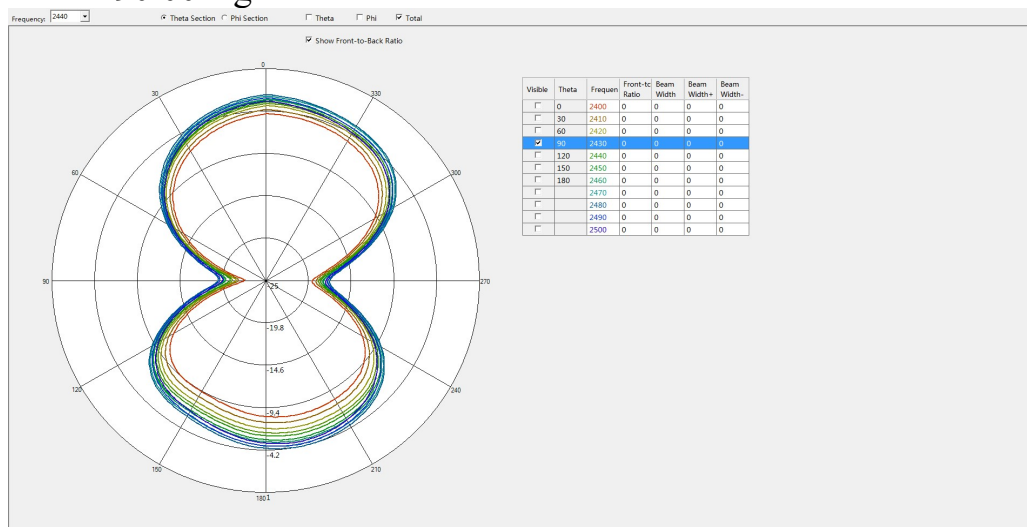
3D Antenna radiation pattern: (Left ear) (dBi)



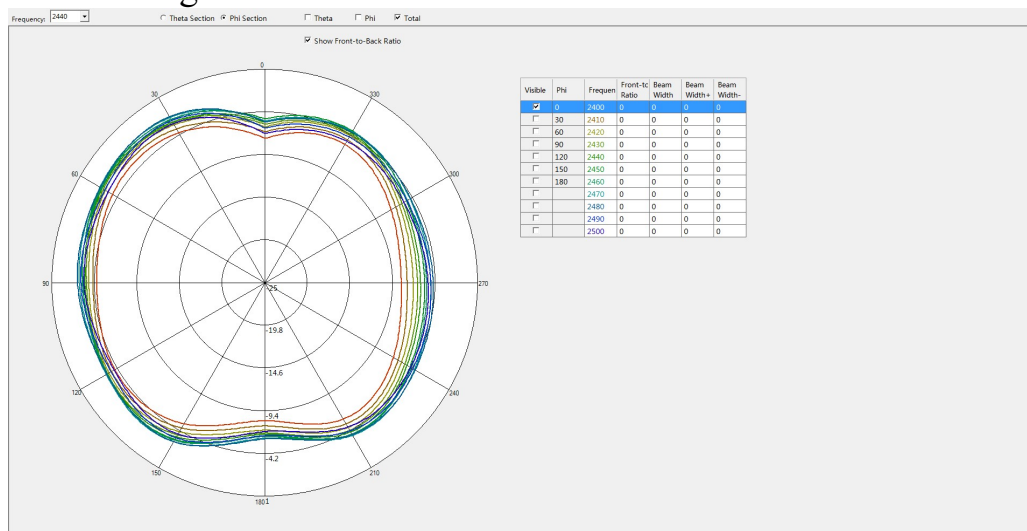


Antenna radiation pattern: (Left ear) (dBi)

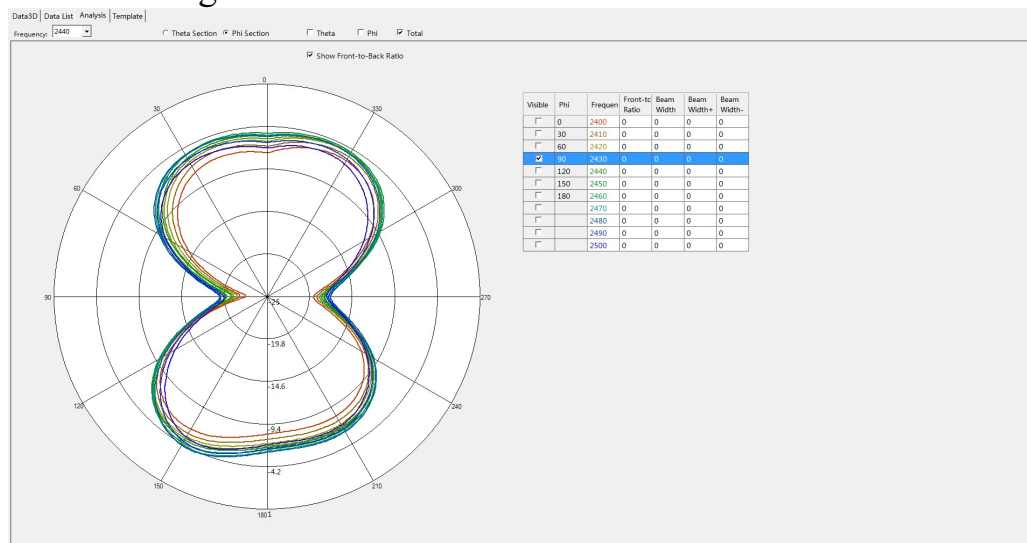
Theta=90.00deg



Phi=0.00deg



Phi=90.00deg





II: 3D Active test report of antenna

free space	Channel	TRP (dBm)	TIS (dBm)
L	CH 0	9.0	-94.0
	CH 39	10.0	-95.0
	CH 78	9.2	-94.2

Head model	Channel	TRP (dBm)	TIS (dBm)
L	CH 0	4.5	-90.0
	CH 39	4.7	-90.2
	CH 78	3.9	-89.2



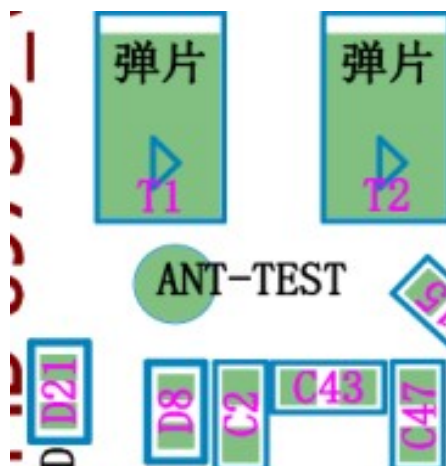
OTA Standard Chamber



III: Matching circuit

(Left ear)

Element	Value
C2(0201)	N/A
C43(0201)	0Ω
C47(0201)	N/A
T1	retain
T2	retain





IV: Structure file:

