

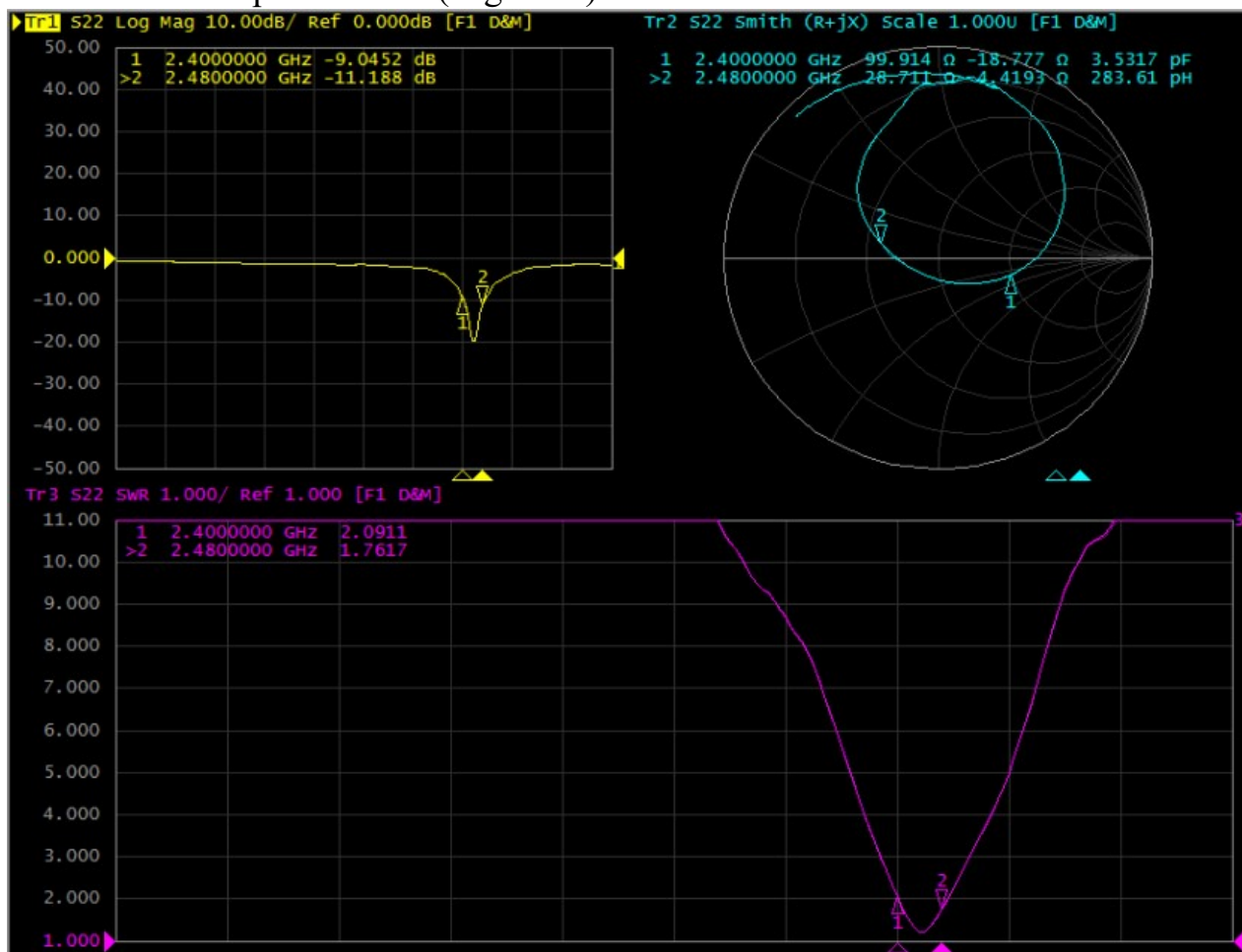


I: The report of passive data



Angilent E5071C

BT antenna S11 parameter: (Right ear)

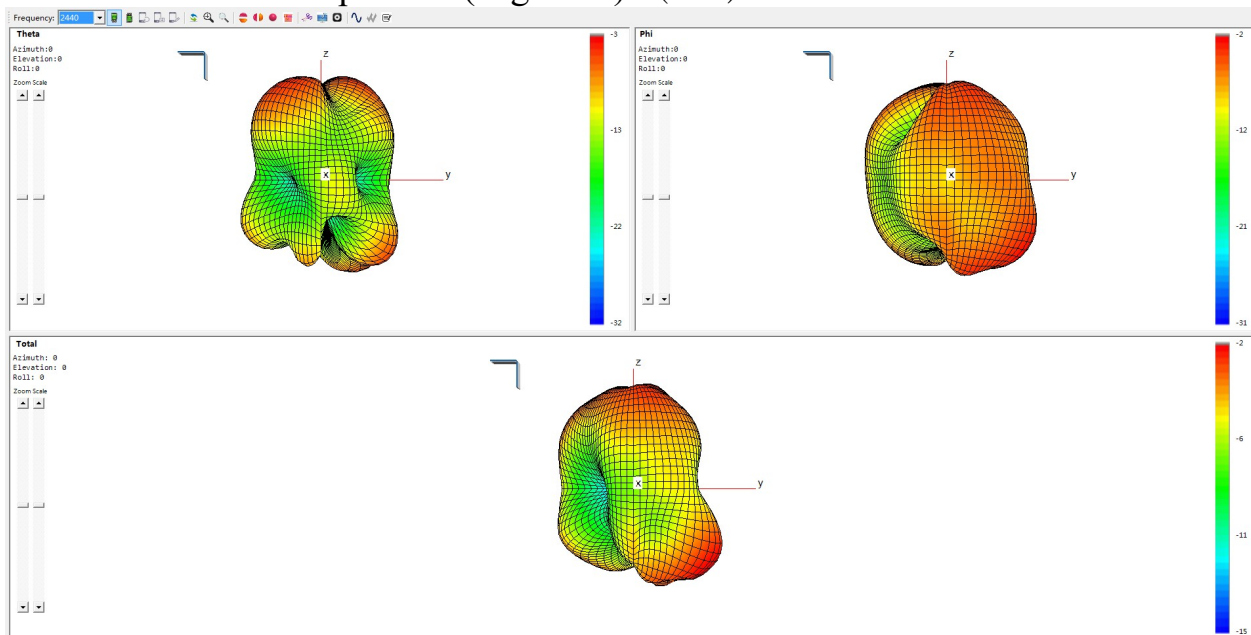




Efficiency: (Right ear)

Right ear			
Frequency (MHz)	Efficiency (%)	Efficiency (dB)	Gain (dBi)
2400	27.1%	-5.7 dB	-2.2 dBi
2410	28.7%	-5.4 dB	-2.0 dBi
2420	29.9%	-5.3 dB	-1.8 dBi
2430	29.5%	-5.3 dB	-2.0 dBi
2440	30.6%	-5.1 dB	-2.1 dBi
2450	30.9%	-5.1 dB	-2.0 dBi
2460	29.6%	-5.3 dB	-2.2 dBi
2470	29.6%	-5.3 dB	-2.1 dBi
2480	28.9%	-5.4 dB	-2.2 dBi
Average value	29.4%	-5.3 dB	-2.0 dBi

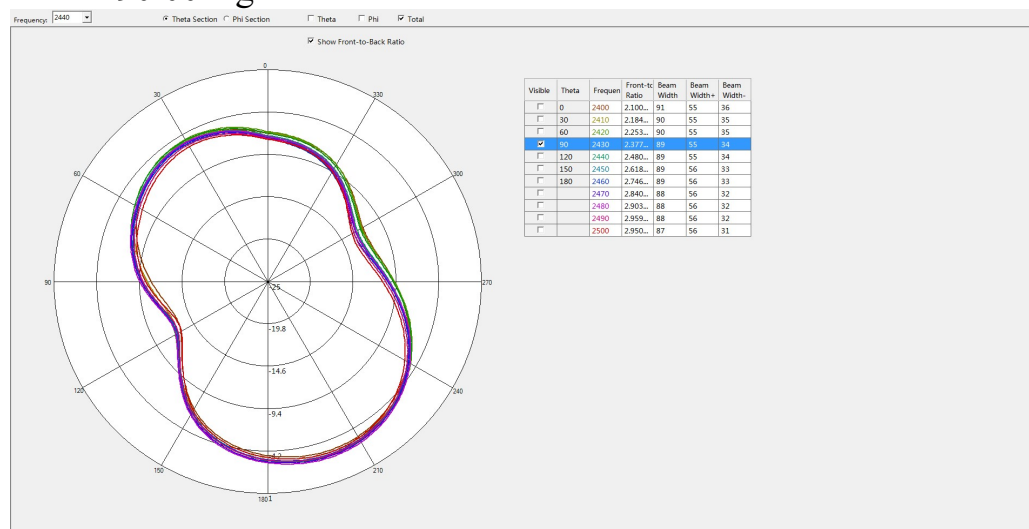
3D Antenna radiation pattern: (Right ear) (dBi)



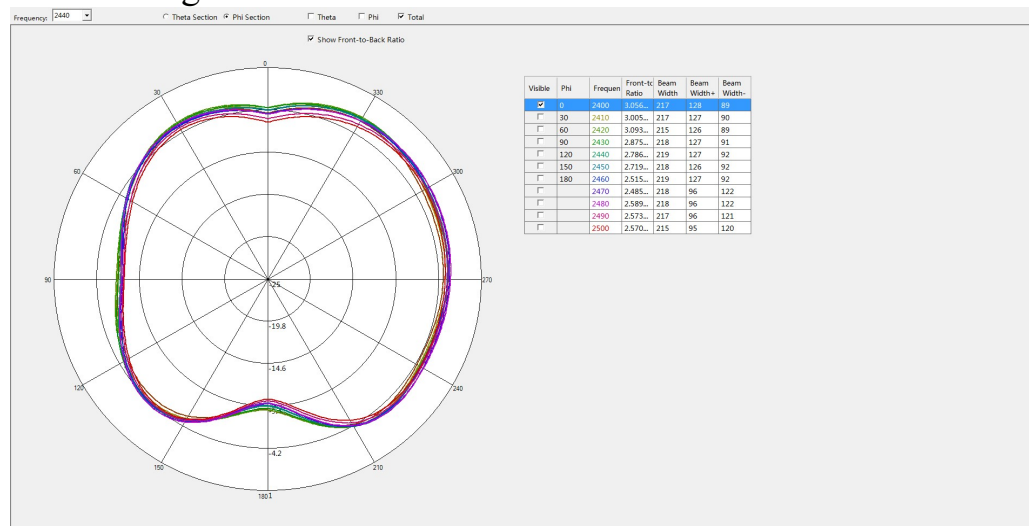


Antenna radiation pattern: (Right ear) (dBi)

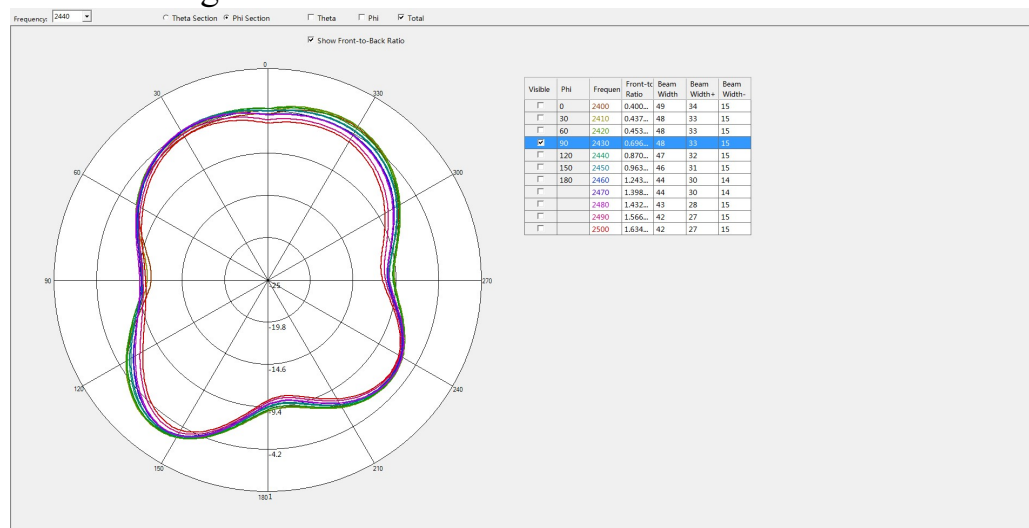
Theta=90.00deg



Phi=0.00deg



Phi=90.00deg





II: 3D Active test report of antenna

free space	Channel	TRP (dBm)	TIS (dBm)
R	CH 0	9.3	-94.3
	CH 39	9.5	-94.8
	CH 78	9.0	-94.1

Head model	Channel	TRP (dBm)	TIS (dBm)
R	CH 0	4.2	-89.6
	CH 39	4.4	-90.0
	CH 78	4.0	-89.0



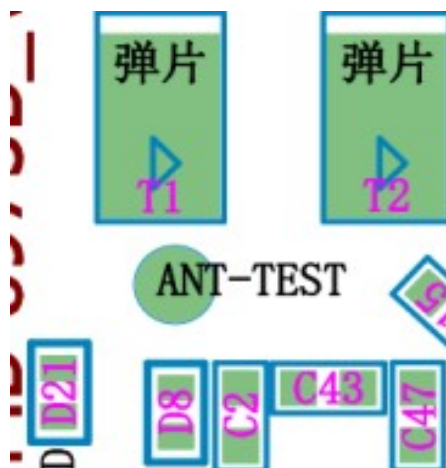
OTA Standard Chamber



III: Matching circuit

(Right ear)

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



IV: Structure file:

