
Table 1 shows the emission efficiency and the maximum gain of the antenna at different frequencies changes. The antenna radiation pattern diagram show in Fig.3.

Frequency(MHz)	Efficiency	Max. Gain dBi
2400	45.94	-1.45
2410	45.13	-1.6
2420	45.07	-1.44
2430	44.8	-1.4
2440	44.58	-1.52
2450	43.57	-1.62
2460	44	-1.56
2470	44.99	-1.39
2480	45.82	-1.22

Table 1Max. Gain and Efficiency Vs. Frequency(Free space)

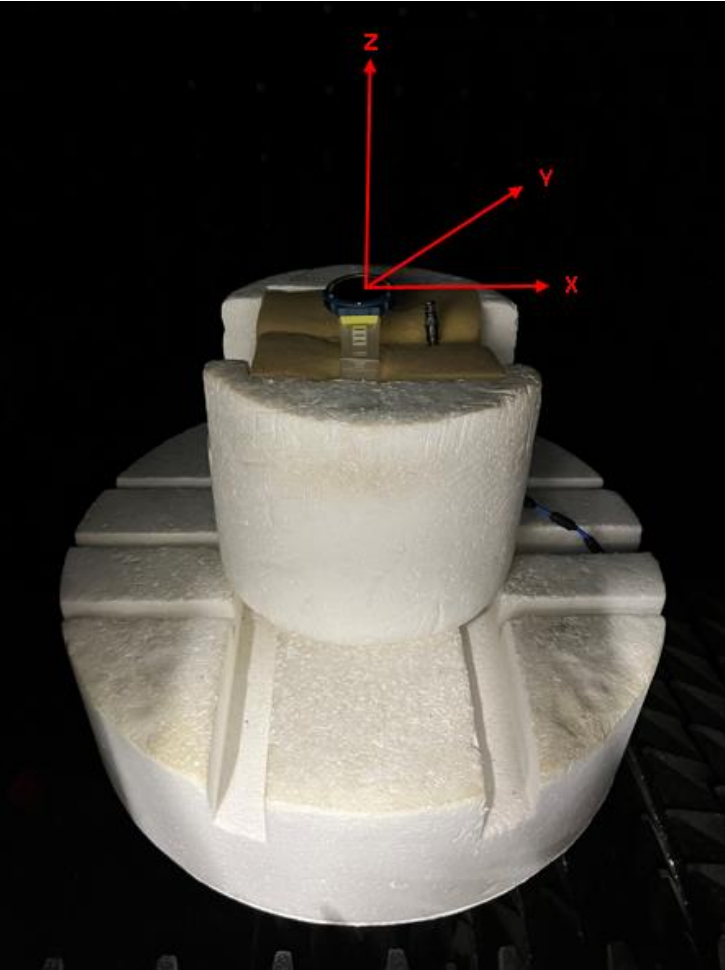


Fig. 3 Operating diagram

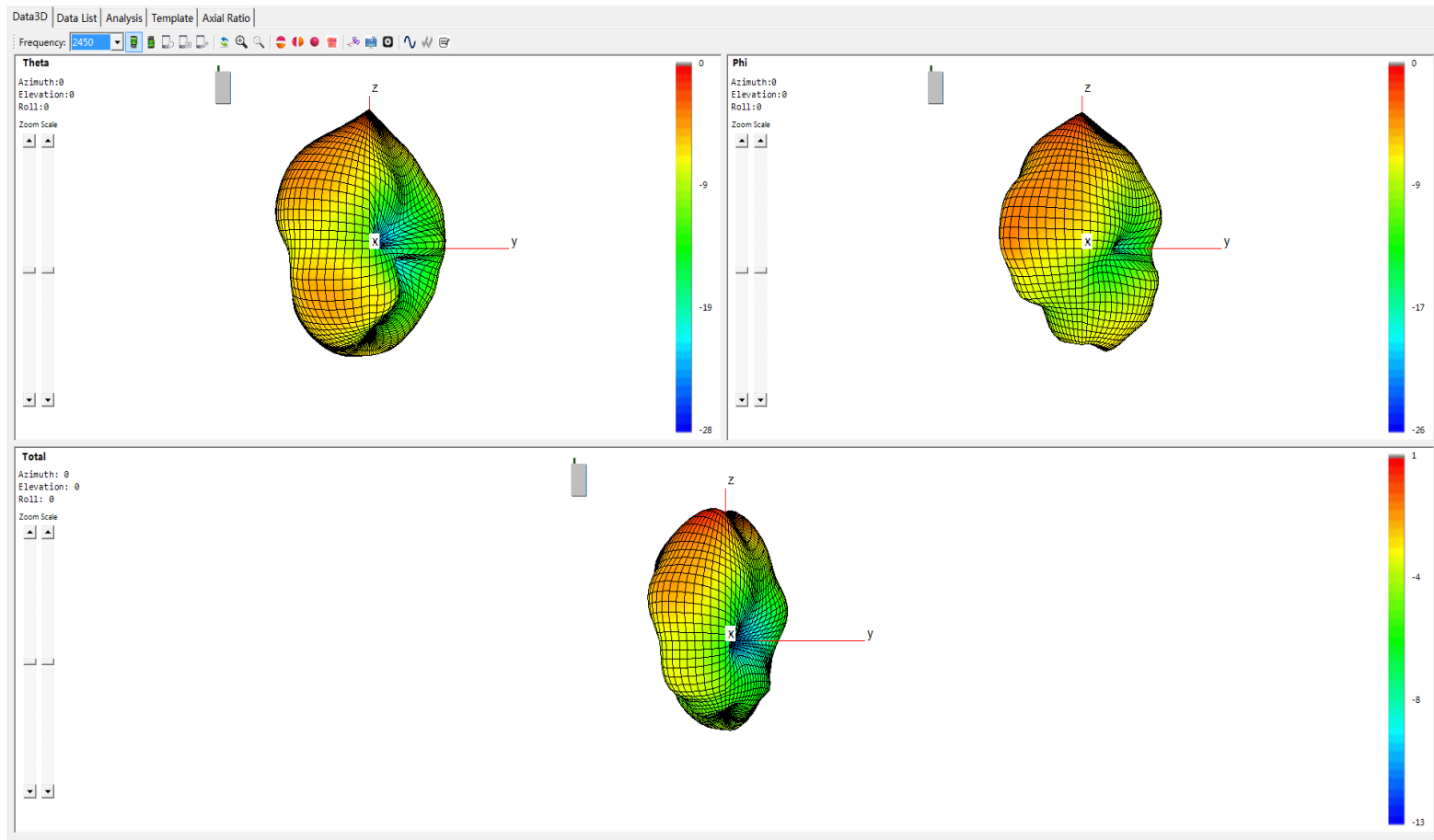


Fig. 4 antenna radiation pattern diagram