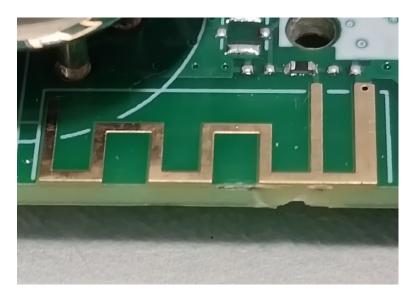
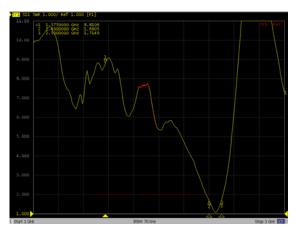
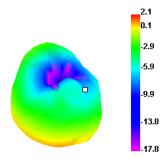
1. Antenna Describe

Antenna	PCB Antenna
Antenna Gain	3.24dBi
Frequency Range	2.4-2.5GHz
size	15.2mm(L) x 14mm(W) x 2.5mm(H)
Model Name	ET25SE
Manufacture	Alinco Incorporated, Electronics Division
Manufacturer Address	Yodoyabashi Dai Building 13F, 4-4-9 Koraibashi, Chuo-Ku, Osaka, 541-0043,Japan

2. Antenna image



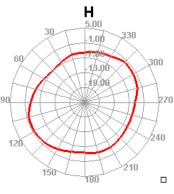




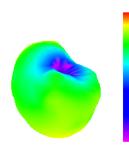
2400MHz

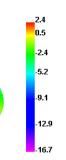
2410 MHz

Gain:2.17dBi

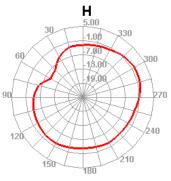


Efficiency: 44.68%

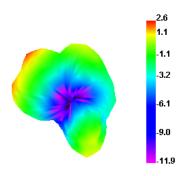


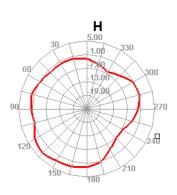


Gain:2.45dBi



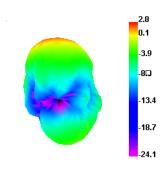
Efficiency: 41.70%





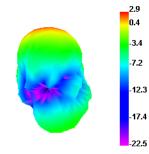
2420 MHz

Gain:2.61dBi

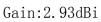




Gain:2.8dBi



2440 MHz



3.2

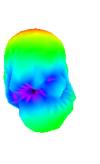
0.7

-3.0 -6.7

-11.7

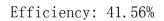
16.6

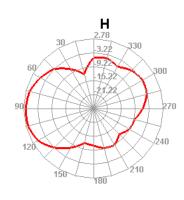
-21.6



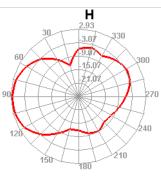


Gain:3.24dBi

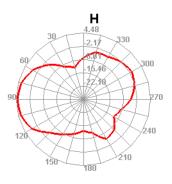




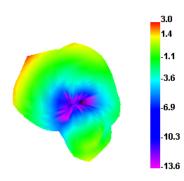
Efficiency: 46.70%



Efficiency: 46.34%



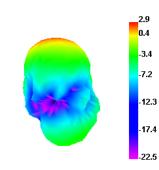
Efficiency: 44.88%





Gain:3.18dBi

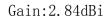
Gain:2.95dBi

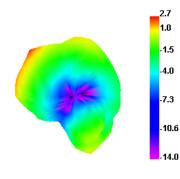


 $2470 \mathrm{MHz}$

2.8 1.2 -1.2 -3.6 -6.7 -9.9 -13.1

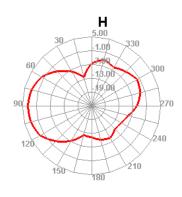
2480 MHz



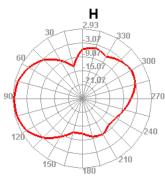




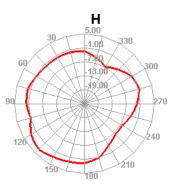
Gain:2.71dBi



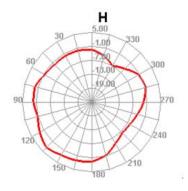
Efficiency: 46.96%



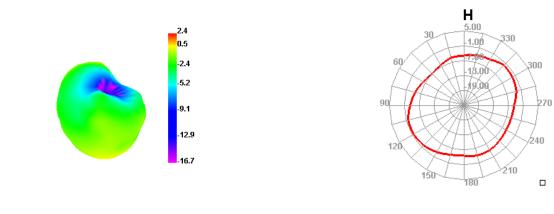
Efficiency: 46.37%



Efficiency: 45.51%



Efficiency: 47.79%



2500MHz

Gain:2.41dBi

Efficiency:44.69%