

## Antenna parameters

### Schematic of Antenna Test Prototype

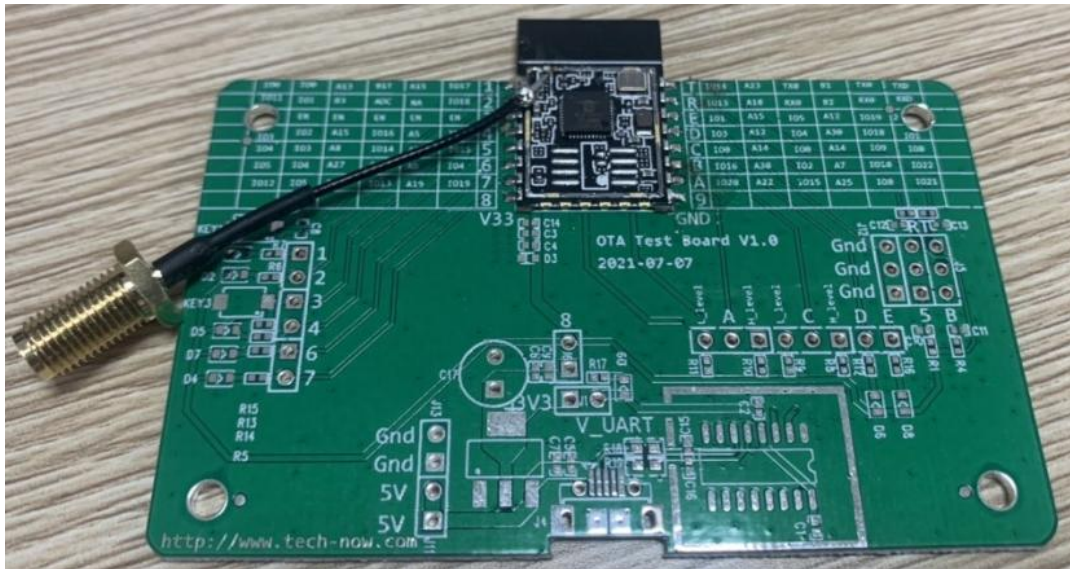


Figure 8 schematic diagram of antenna test prototype

### Antenna picture



## Antenna s parameter

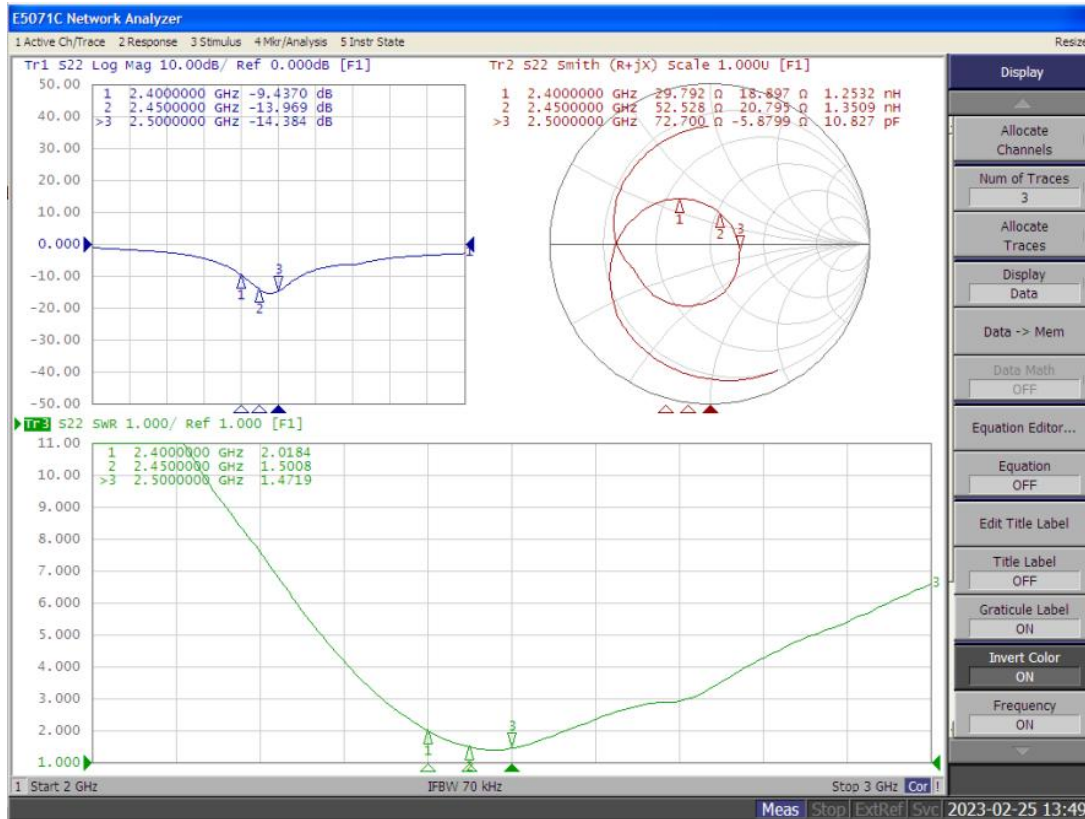


Figure 9 antenna s parameters

## Antenna Gain and Efficiency

Table 7 Antenna Gain and Efficiency

Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	0.15	0.35	0.33	0.54	0.93	1.00	1.21	1.32	1.18	1.14	1.23
Efficiency (%)	46.44	48.21	46.87	48.02	51.00	51.53	54.15	55.61	54.13	53.62	54.38

## Antenna field pattern

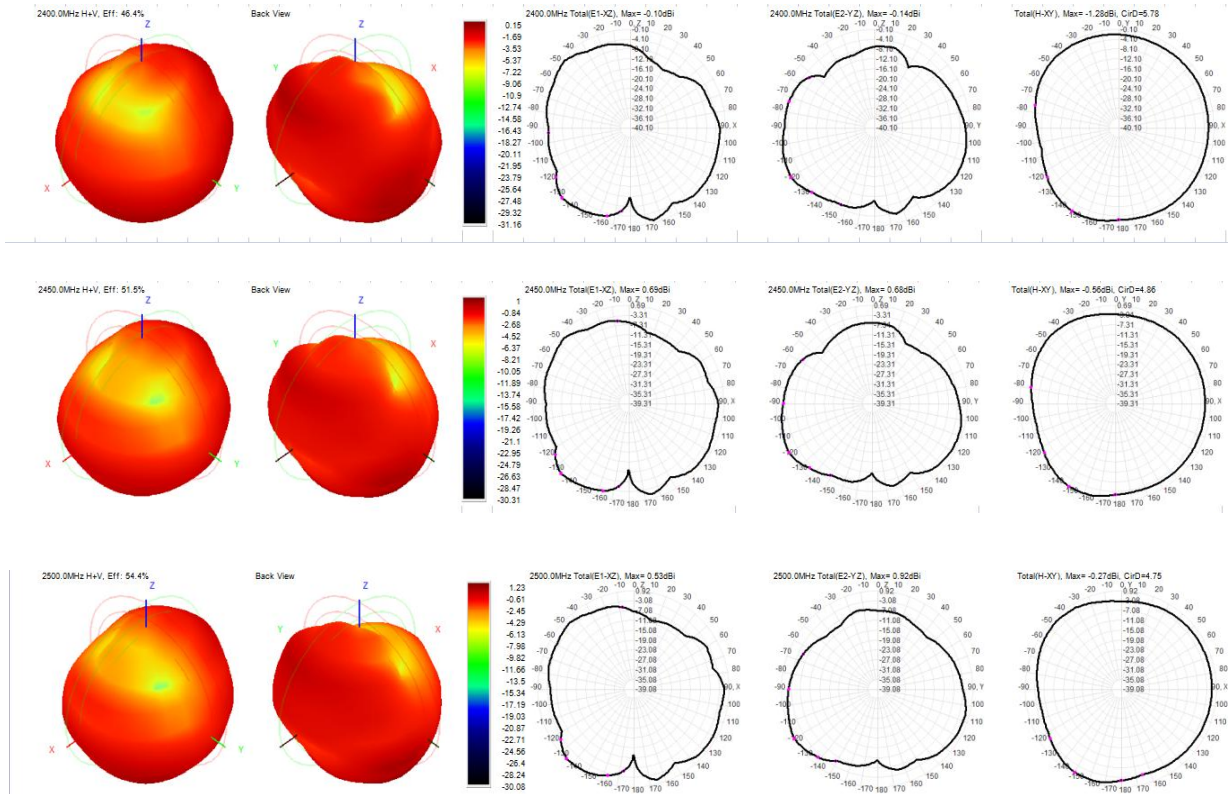


Figure 10 antenna field diagram