

6. Antenna parameters

6.1. Schematic diagram of the antenna test prototype

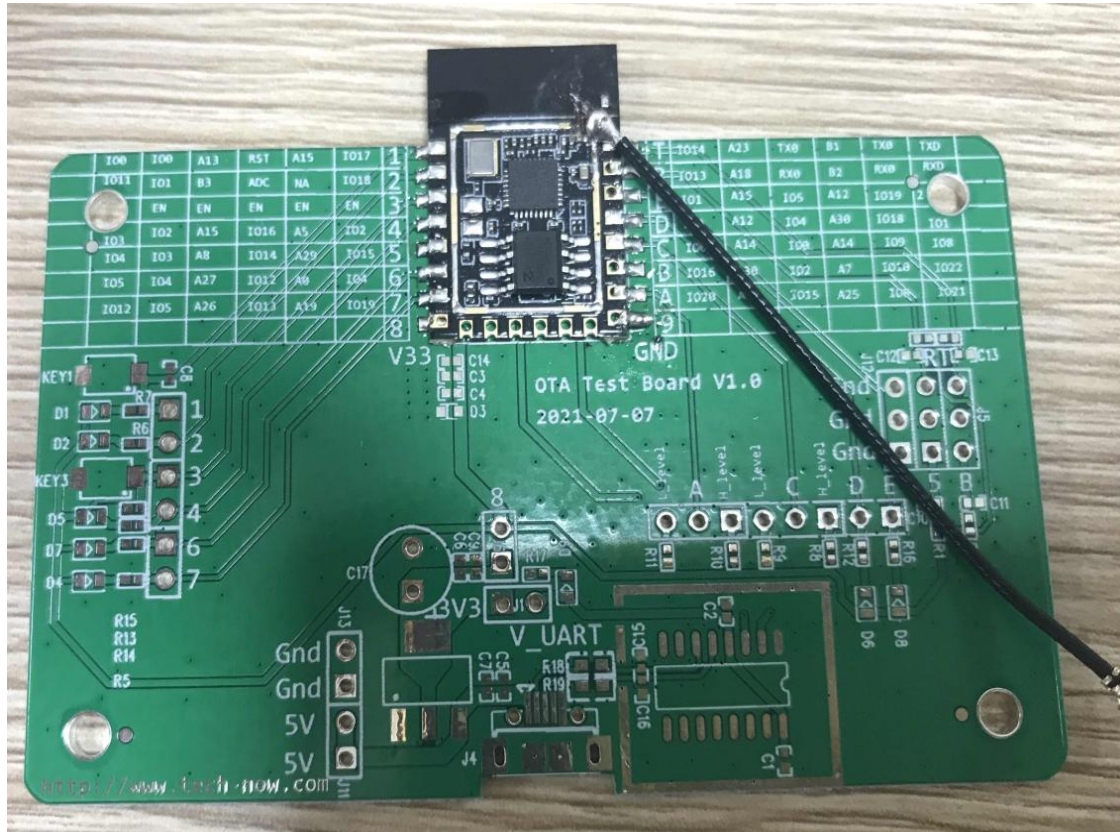


Figure 8 Schematic diagram of the antenna test prototype

6.2. Antenna S parameter

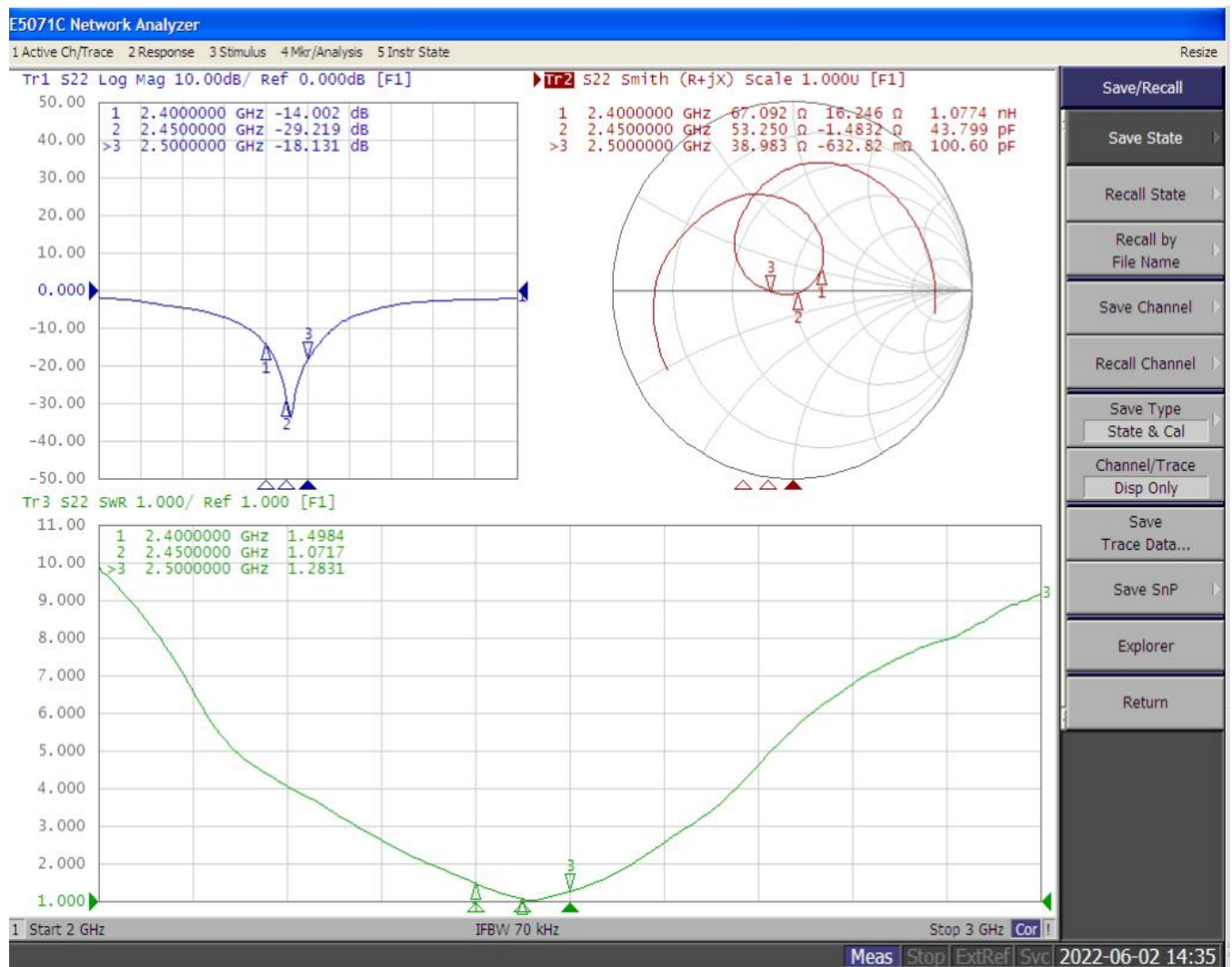


Figure 9 Antenna S parameters

6.3. 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)	2.46	2.41	2.03	1.88	1.46	1.73	1.79	1.76	1.66	1.22	1.07
Efficiency (%)	61.00	62.04	60.03	62.22	58.96	64.17	63.83	62.07	60.04	54.27	52.93

6.4. Antenna pattern

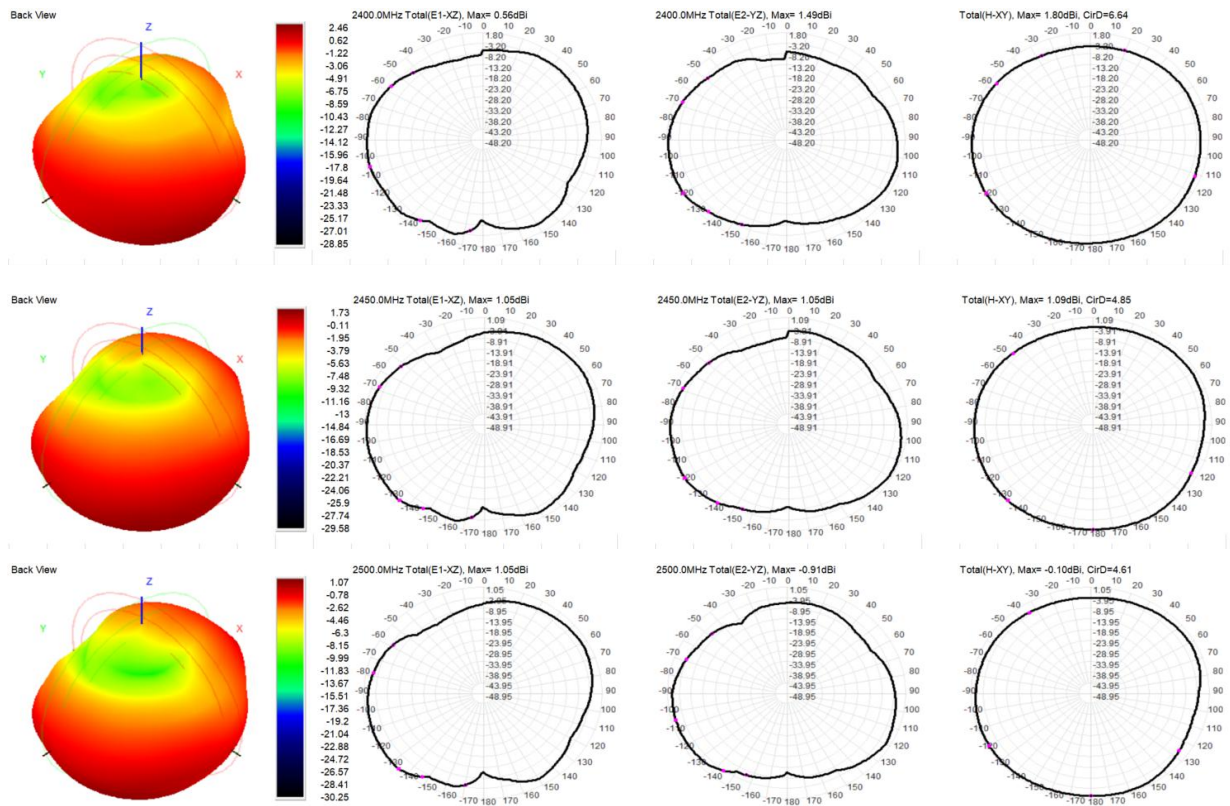


Figure 10 Antenna pattern