

TS301&TS302 Principle prototype Antenna passive performance test record 0801

Description

1. There is a clutter between 800-850MHz, which is caused by the cable connecting the daughter board and the main board, affecting the passive test indicators of the antenna in the 868 and 915 frequency bands. To improve efficiency as much as possible, debug separately.
2. The efficiency of the 915 band is greater than 30% and the gain is greater than 0dBi, which meets the requirements of advanced indicators; the efficiency of the 868 band is greater than 23% and the gain is greater than -2.5dBi, which meets the requirements of standard indicators; the efficiency of the 470 band is between 6-20%, which meets the requirements of standard indicators.

Apperence & Main Board Jig



6723D2999206



6723D2979669

S/N

Antenna Size

55.2×16×1 mm³

Model Name

TS302-915M Ant

Manufacturer

Xiamen Milesight IoT Co., Ltd.

Manufacturer Address

Building C09, Software Park Phase III, Xiamen 361024, Fujian, China

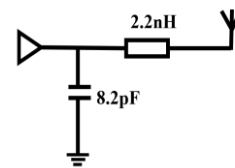
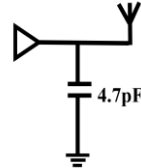
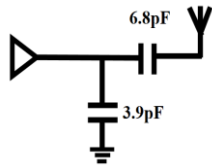
Frequency Band

B915

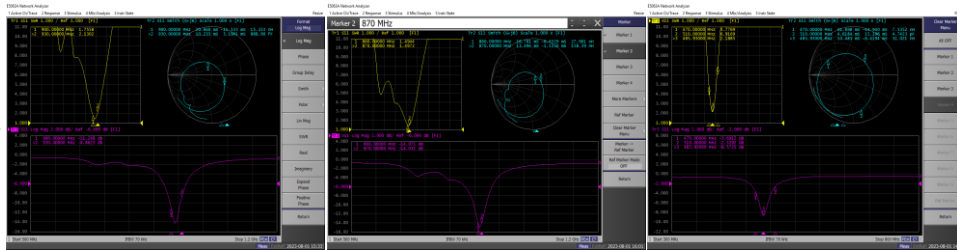
B868

B470

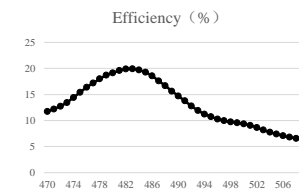
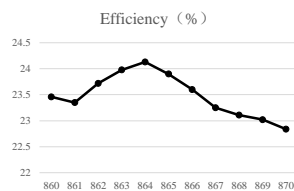
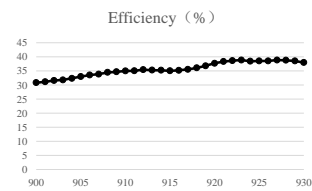
Matching circuit



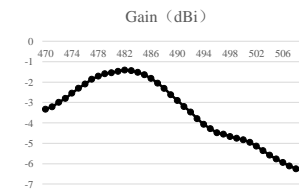
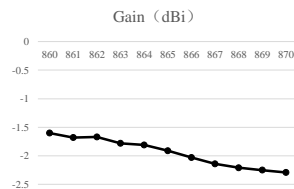
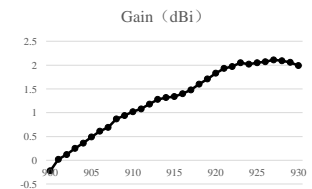
Impedance characteristics



Efficiency



Gain



Direction Map 3D

