

# Antenna Specification

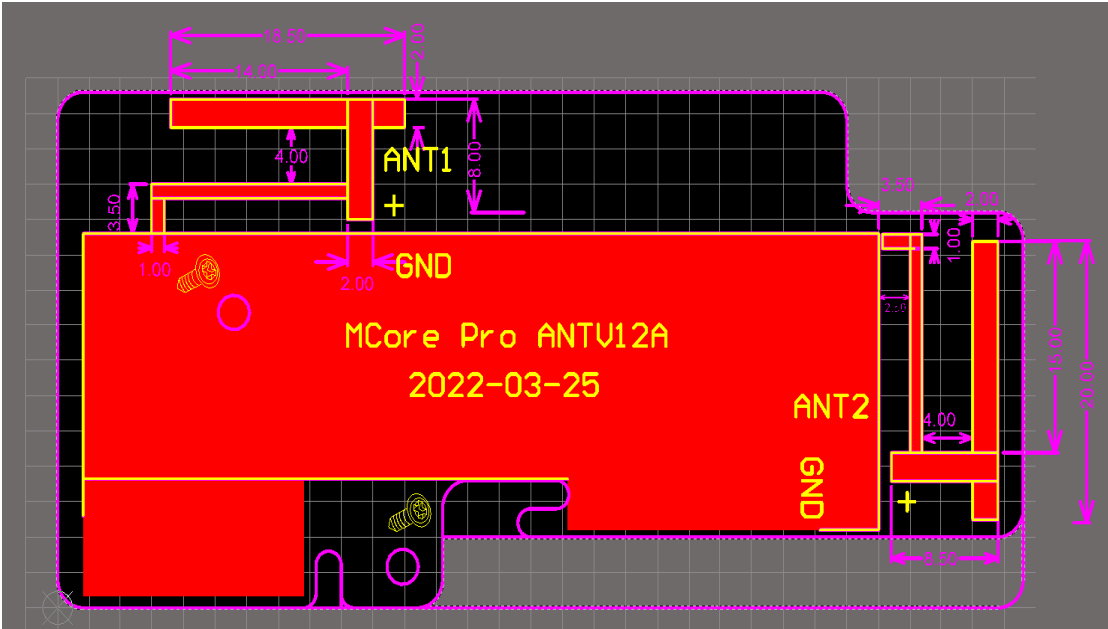
Manufacturer:

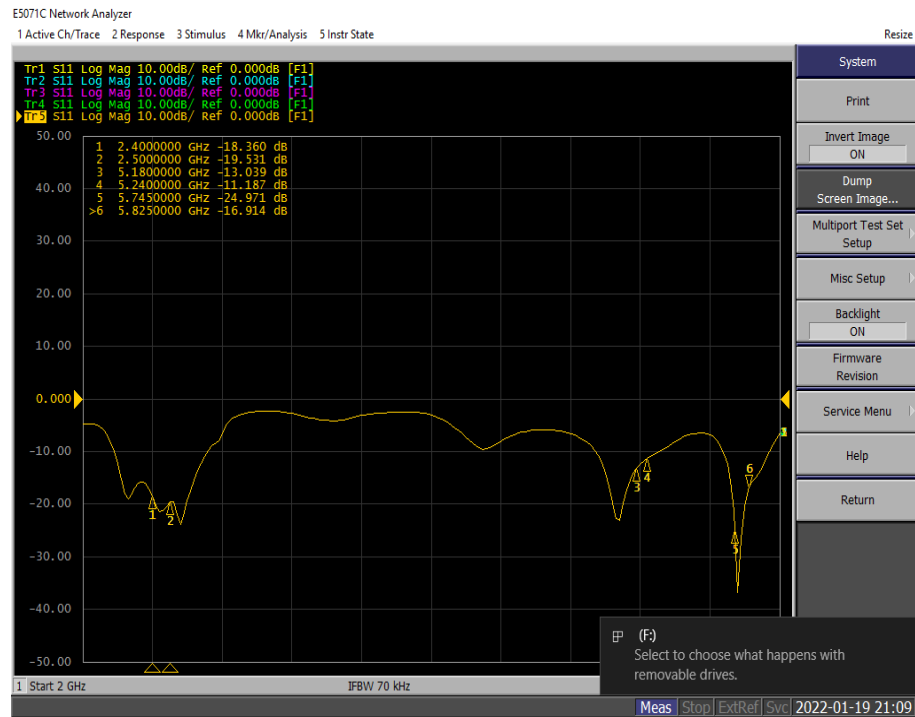
YEALINK(XIAMEN) NETWORK TECHNOLOGY CO.,LTD.

No.666 Hu'an Rd. Huli District Xiamen City, Fujian, P.R. China

Model: ANTU12A ANT 1

## 1 Physical picture

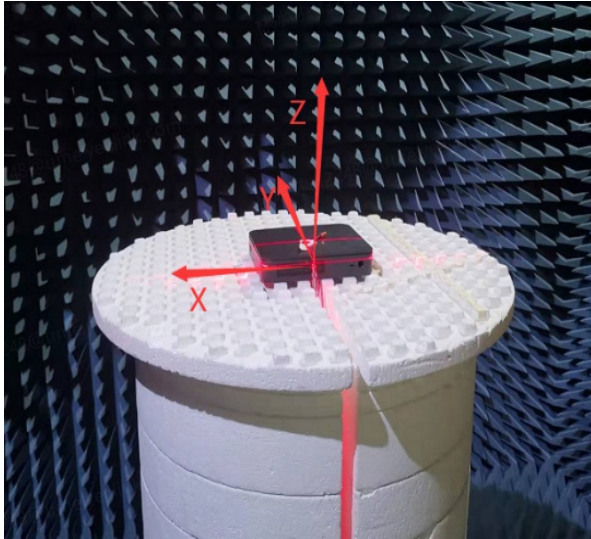




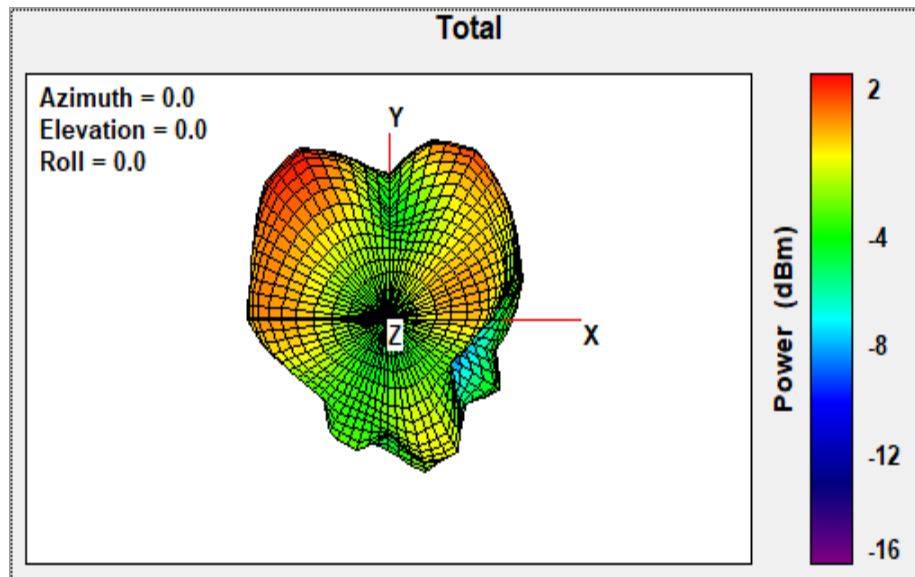
## 2 OTA (2.4G)

| Frequency<br>(GHz)    | 2.400 | 2.405 | 2.410 | 2.415 | 2.420 | 2.425 | 2.430 | 2.435 | 2.440 | 2.445 | 2.450 | 2.455 | 2.460 | 2.465 | 2.470 | 2.475 | 2.480 | Ave   |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Efficiency (%)        | 51.34 | 51.46 | 51.69 | 52.68 | 53.30 | 53.95 | 53.60 | 52.98 | 52.91 | 51.92 | 50.97 | 50.62 | 50.08 | 50.36 | 50.88 | 51.54 | 52.88 | 51.95 |
| Maximum<br>gain(dBi)  | 2.06  | 2.08  | 2.19  | 2.32  | 2.22  | 2.19  | 2.08  | 1.89  | 1.84  | 1.61  | 1.57  | 1.31  | 1.25  | 1.36  | 1.33  | 1.38  | 1.59  | 1.78  |
| Average gain<br>(dBi) | -3.67 | -3.66 | -3.63 | -3.54 | -3.46 | -3.39 | -3.40 | -3.42 | -3.40 | -3.44 | -3.50 | -3.50 | -3.52 | -3.48 | -3.41 | -3.33 | -3.21 | -3.47 |

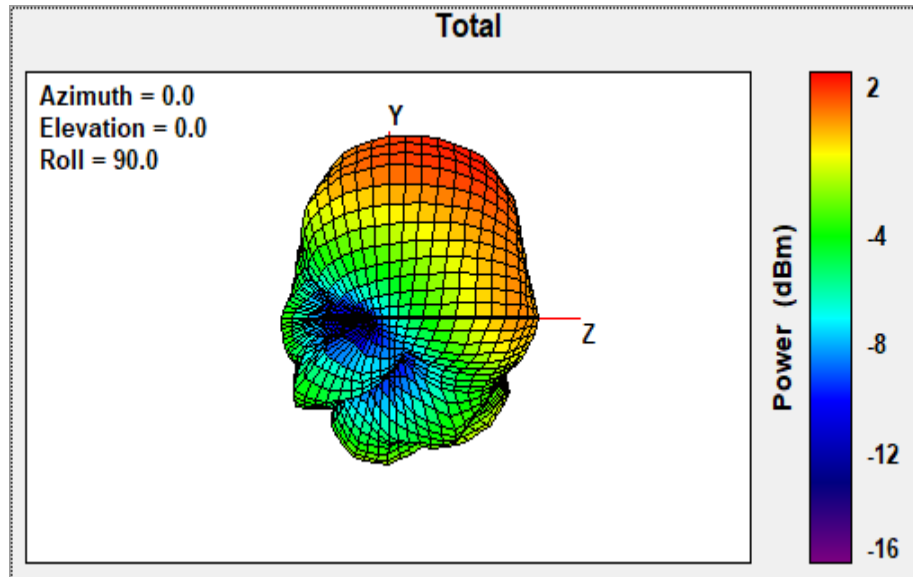
Physical object layout (with coordinate axis)



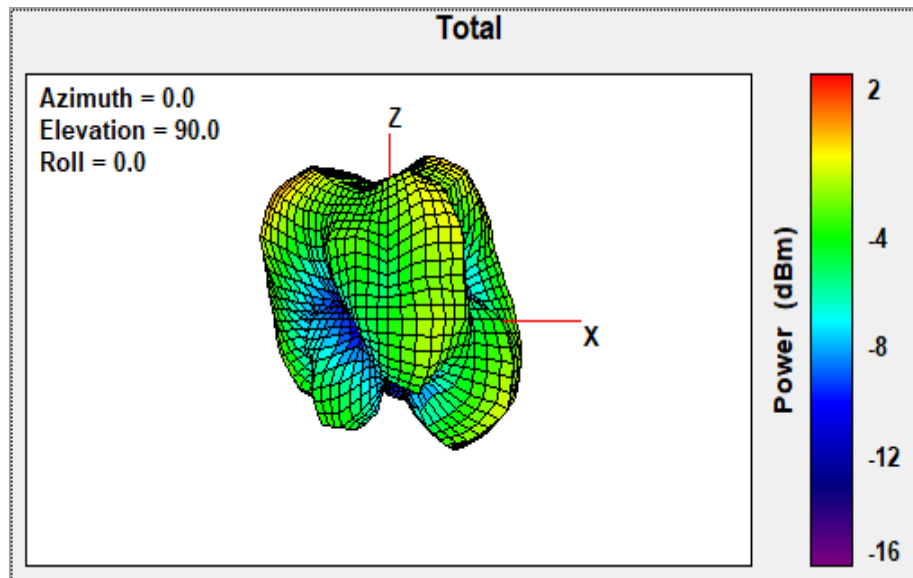
2.44GHz X-Y plane View



2.44GHz Y-Z plane View



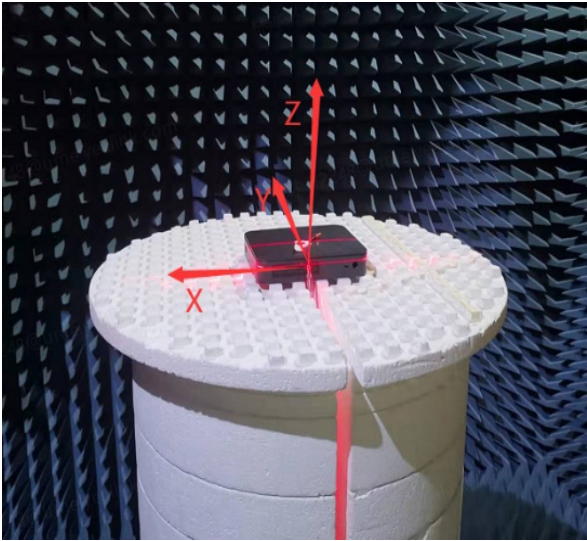
2.44GHz X-Z plane View



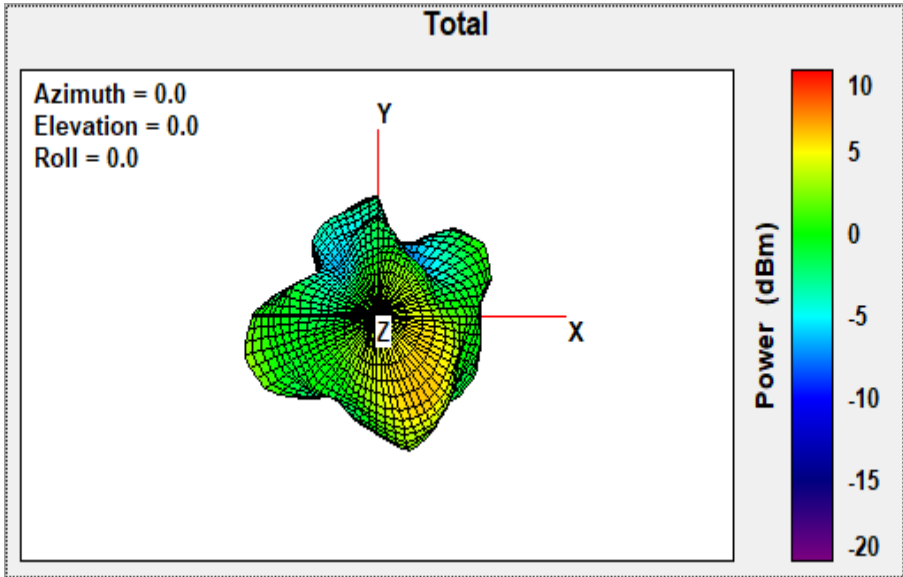
3 OTA (5G)

|                          |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Frequency<br>(GHz)       | 5.150 | 5.200 | 5.250 | 5.300 | 5.350 | 5.400 | 5.450 | 5.500 | 5.550 | 5.600 | 5.650 | 5.700 | 5.750 | 5.800 | 5.850 | Ave   |
| Efficiency<br>(%)        | 60.67 | 59.38 | 62.14 | 60.77 | 62.90 | 62.17 | 59.20 | 59.40 | 55.96 | 58.14 | 63.98 | 67.48 | 71.44 | 64.66 | 67.58 | 62.39 |
| Maximum<br>gain(dBi)     | 4.97  | 4.37  | 4.89  | 4.73  | 4.72  | 4.72  | 4.27  | 4.36  | 3.81  | 4.11  | 4.03  | 3.98  | 4.59  | 4.32  | 4.66  | 4.44  |
| Average<br>gain<br>(dBi) | -2.17 | -2.26 | -2.07 | -2.16 | -2.01 | -2.06 | -2.28 | -2.26 | -2.52 | -2.36 | -1.94 | -1.71 | -1.46 | -1.89 | -1.70 | -2.06 |

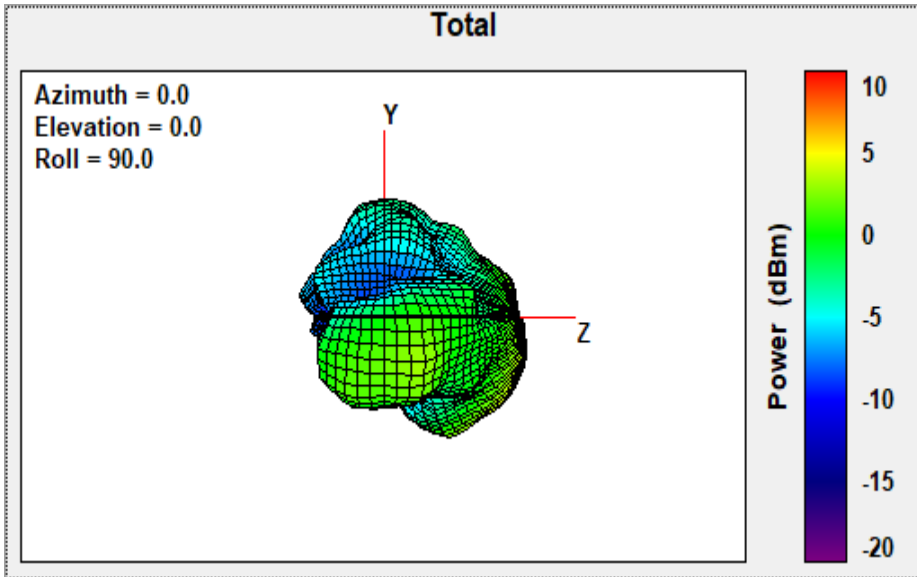
Physical object layout (with coordinate axis)



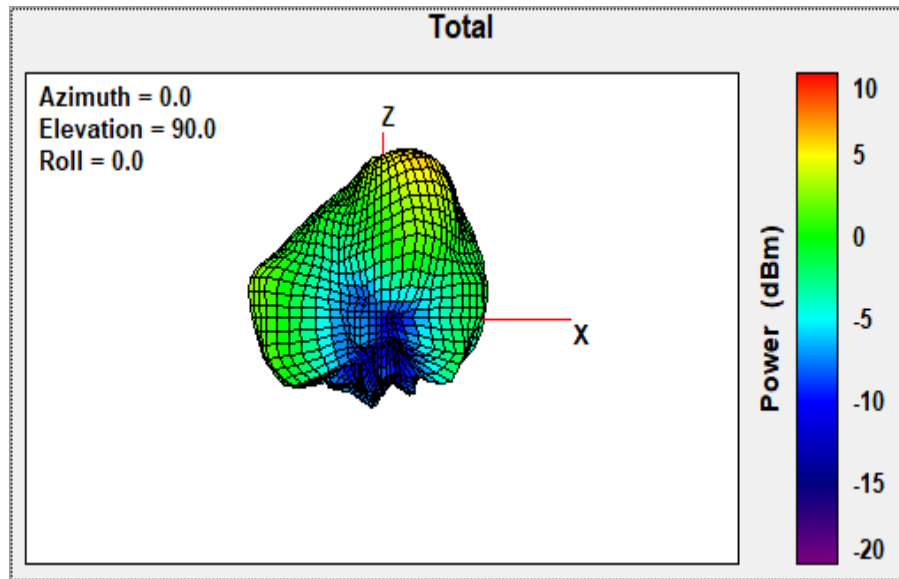
Band 1-5.200GHz X-Y plane View



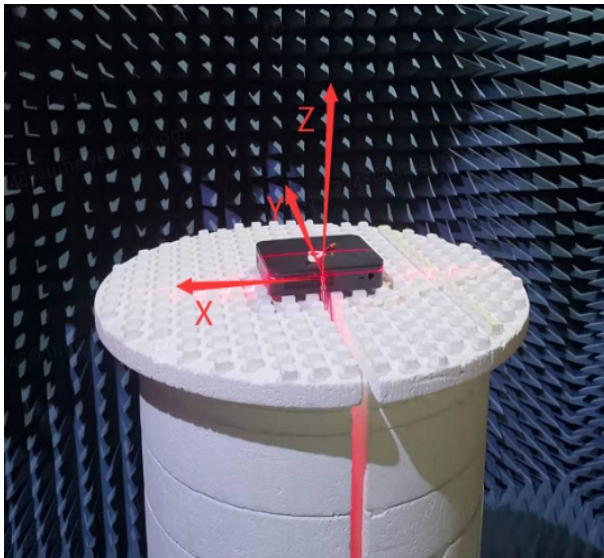
Band 1-5.200GHz Y-Z plane View



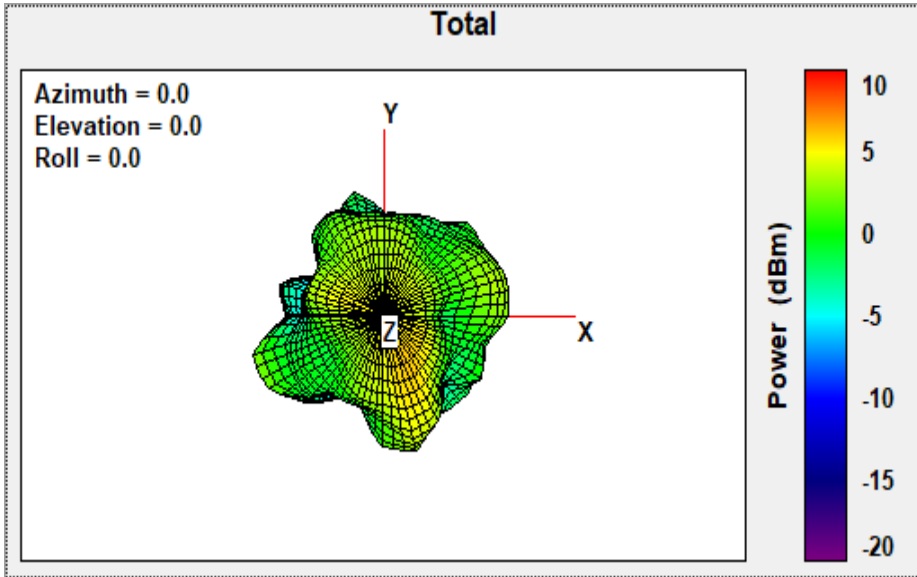
Band 1-5.200GHz X-Z plane View



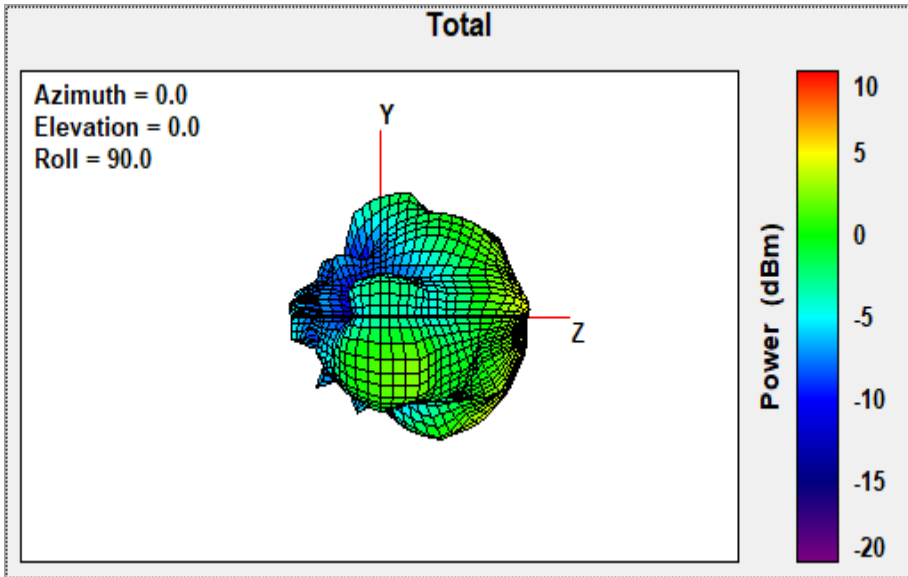
Physical object layout (with coordinate axis)



Band 4-5.800GHz X-Y plane View



Band 4-5.800GHz Y-Z plane View



Band 4-5.800GHz X-Z plane View

