

RayNeo iO Memory AI Glasses Antenna Report

Antenna Type: LDS Antenna

Antenna Band: BT 2.4GHz

Antenna Model: ARGF30

TECHNOLOGY CO., LTD
Manufacturer: SPEED (SUZHOU) COMMUNICATION

1: Chamber room introduction and testing scope



Our company has a number of OTA test darkrooms, ranging from 400MHz to 8.5ghz, which can provide passive test and active test (including OTA overall 2G, 3G, 4G, 5GNR test, WIFI multi-mode test, GPS active test, Bluetooth active test, which can provide antenna gain and efficiency. 2D orientation and apple chart analysis and upper and lower hemisphere efficiency values, mutual disturbance correlation coefficient test items.

2: Antenna Design

The antenna is located at the end of the left arm of the glasses.



3: Antenna Performance

3.1 Efficiency and Peak Gain

- BT 2.4G

Frequency (MHz)	Efficiency (%)	Peak Gain (dBi)
2400	34.3	1.5
2410	35.7	1.6
2420	36.2	1.6
2430	37.0	1.7
2440	37.1	1.7
2450	37.6	1.7
2460	37.9	1.8
2470	37.8	1.9
2480	37.5	2.0

3.2 Radiation Pattern

- 2480MHz 3D radiation patterns

