

# G916T printed antenna specification

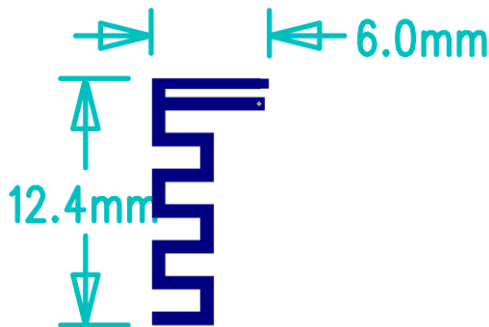
## 1. Design indicators:

|                                                    |                 |
|----------------------------------------------------|-----------------|
| frequency band                                     | 2.400~2.500G Hz |
| Antenna radiation efficiency (excluding port loss) | >60%            |
| gain                                               | 2.6dBi          |
| insulation                                         | <-10dB          |

## 2. Antenna design specifications

Considering the product use environment and design limitations, an approximate omnidirectional plane IFA antenna is adopted. And performed the modeling simulations based on the HFSS.

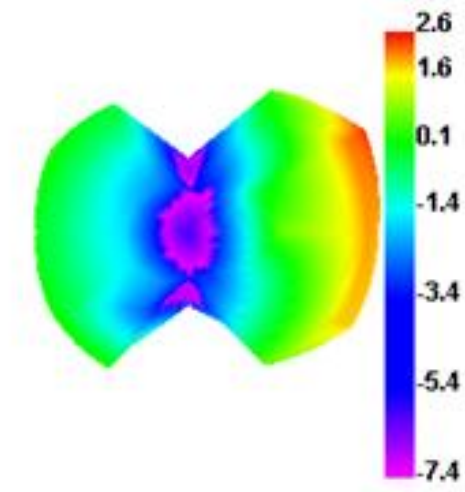
### 1. design specification



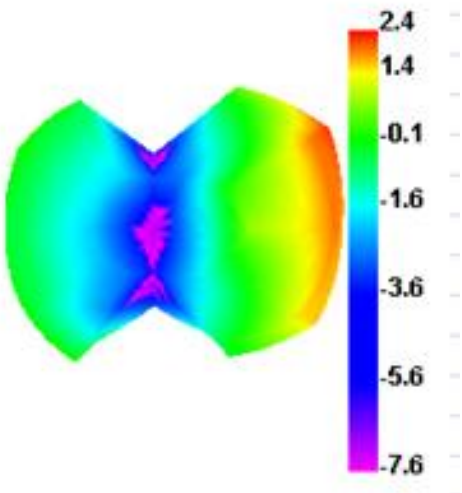
1 Efficiency/Gain- WIFI/BT

| BAND       | WIFI/BT |       |       |  |
|------------|---------|-------|-------|--|
| Freq.[MHZ] | 2400    | 2450  | 2500  |  |
| Eff.[%]    | 56.78   | 55.95 | 55.56 |  |
| Gain [dBi] | 2.6     | 2.4   | 2.1   |  |

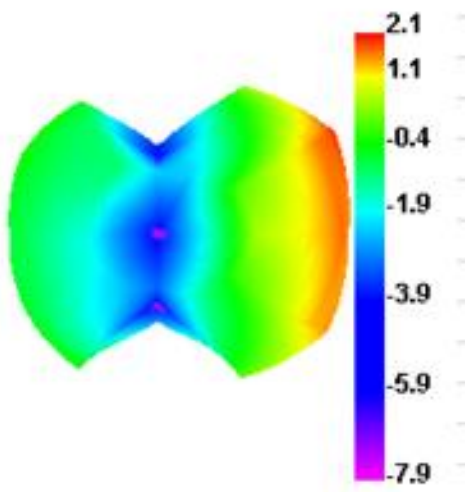
2400.000MHz



2450.000MHz



2500.000MHz



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