

## Product specification

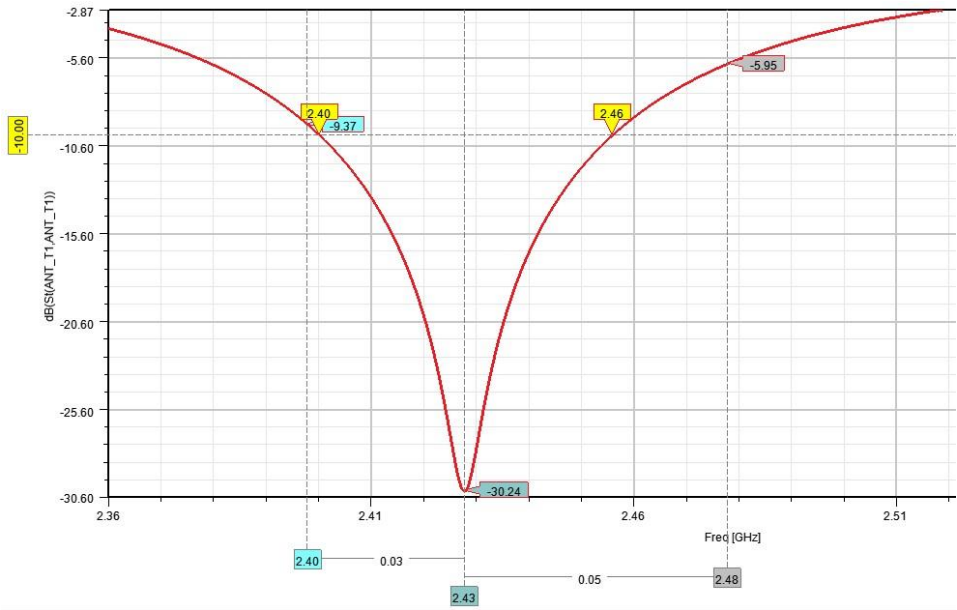
### Quick Reference Data

|                            |                                    |  |
|----------------------------|------------------------------------|--|
|                            | Antenna module on the system board |  |
| Frequenc Range             | 2400 ~ 2500GHz                     |  |
| Ant. Port Input Pwr. (dBm) | 0 (Typ. BT class 2 output power)   |  |
| Tot. Rad. Pwr. (dBm)       | -1.2 (Input pwr – loss pwr)        |  |
| Peak EIRP(dBm)             | 0 dBi                              |  |
| Directivity (dBi)          | 1 (all direction antenna)          |  |
| Efficiency (dB)            | 1.0%                               |  |
| Gain (dBi)                 | 0 (Avg Gain XY-plane)              |  |
| Maximum Power (dBm)        | 0 (XY-plane)                       |  |
| Minimum Power (dBm)        | 0(XY-plane)                        |  |
| Avg. Power (dBm)           | 0(XY-plane)                        |  |
| Input Impendence(ohm)      | 50                                 |  |
| Polarization Type          | Vertical & Horizontal              |  |
| V.S.W.R                    | <6                                 |  |

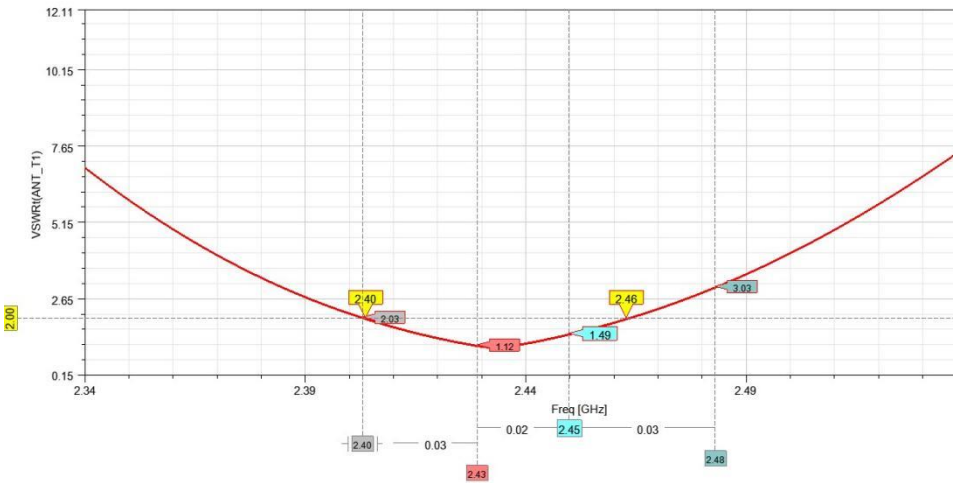
All the technical data and information contained herein are subject to change without prior notice.



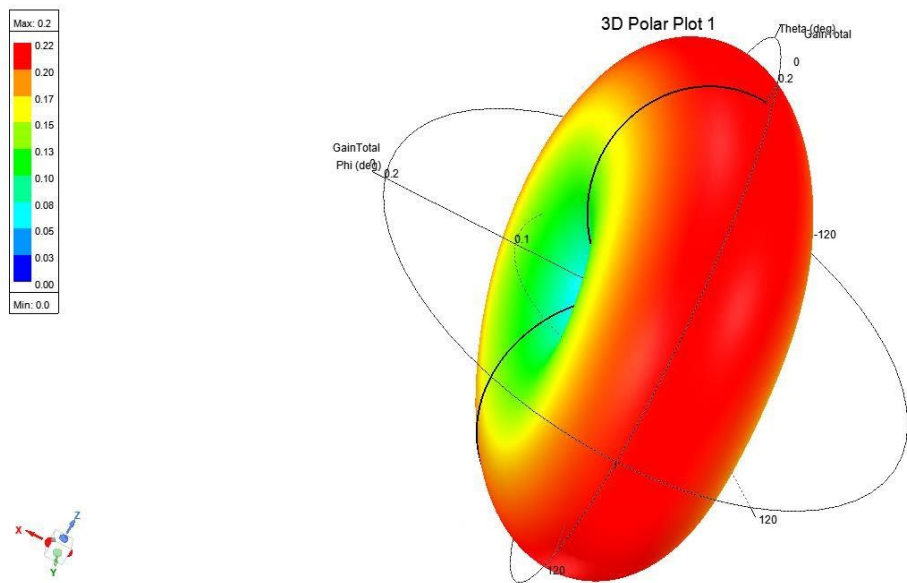
Return Loss



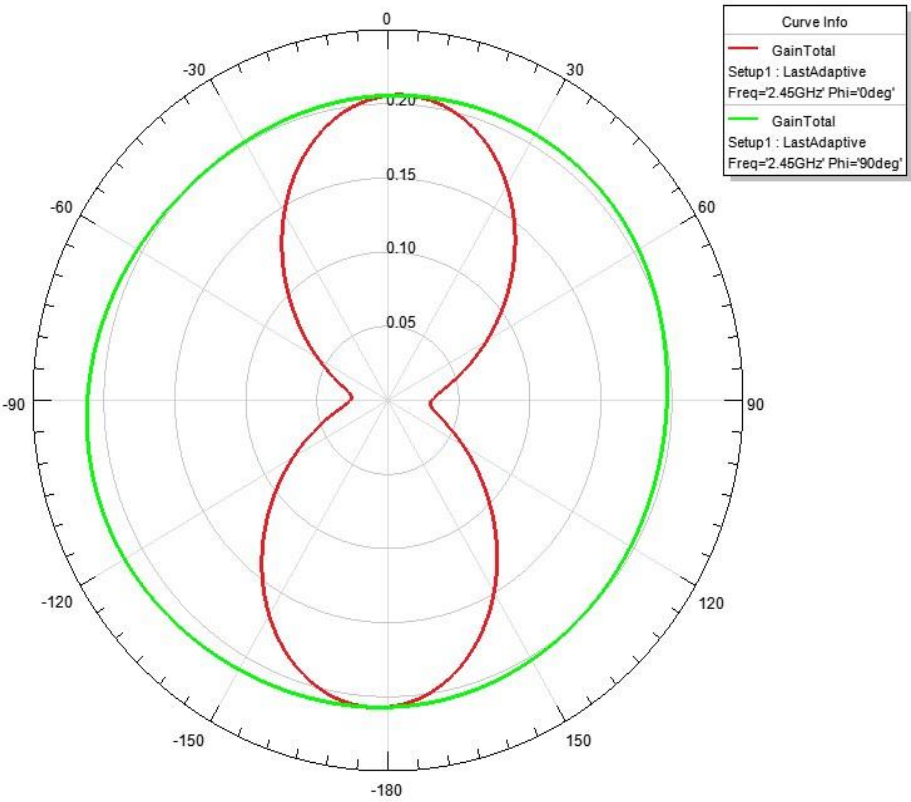
VSWR



3D radiation pattern diagram



2D radiation pattern diagram

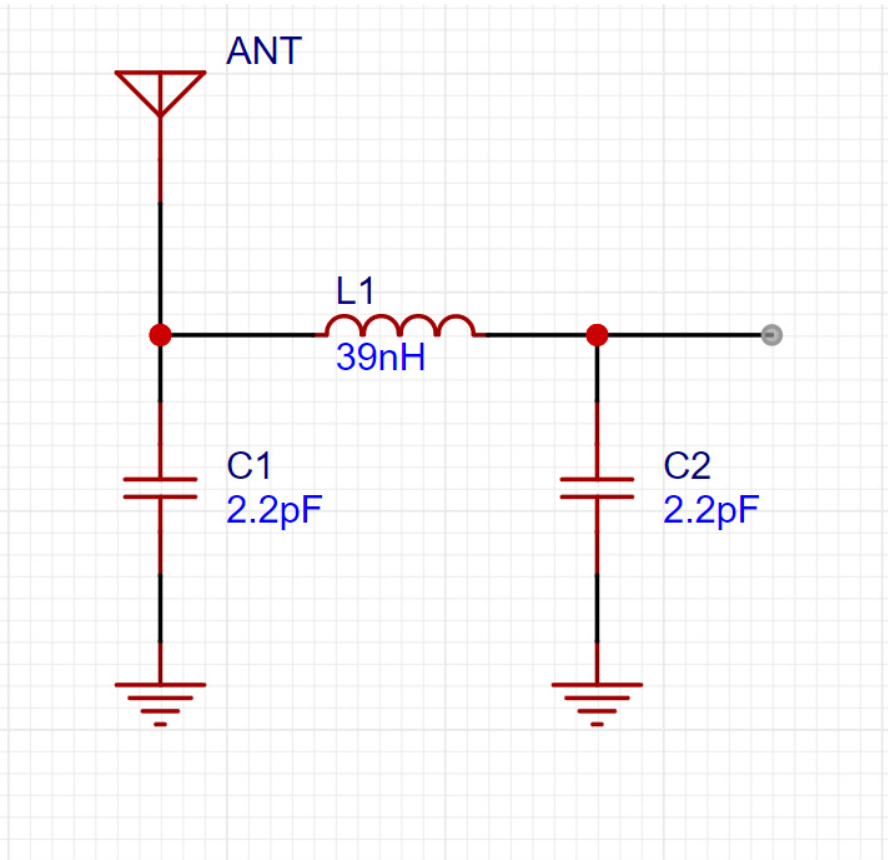


Quick Reference Data-TEST

|                   | 2.4G      | 2.45G     | 2.5G      |
|-------------------|-----------|-----------|-----------|
| Return Loss -TEST | -9.1777dB | -15.854dB | -10.934dB |
| VSWR-TEST         | 2.0647    | 1.3791    | 1.8027    |
| Impendence-TEST   | 41.834Ω   | 36.292Ω   | 50.699Ω   |

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Matching circuit

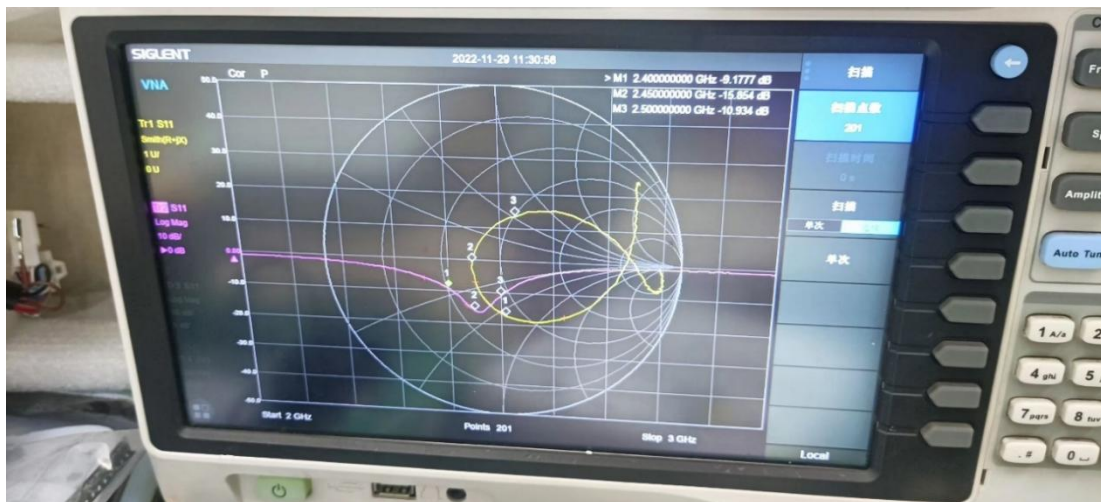


## Return Loss -TEST

2.4G: -9.1777dB;

2.45G: -15.854dB;

2.5G: -10.934dB。



## VSWR-TEST

2.4G: 2.0647;

2.45G: 1.3791;

2.5G: 1.8027。





