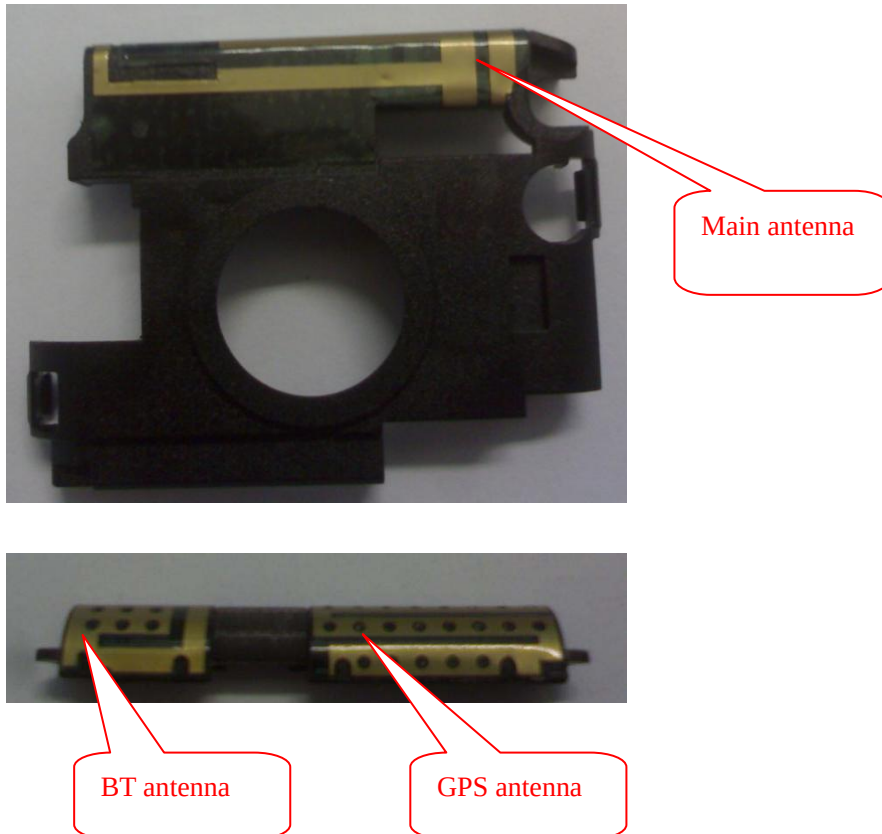


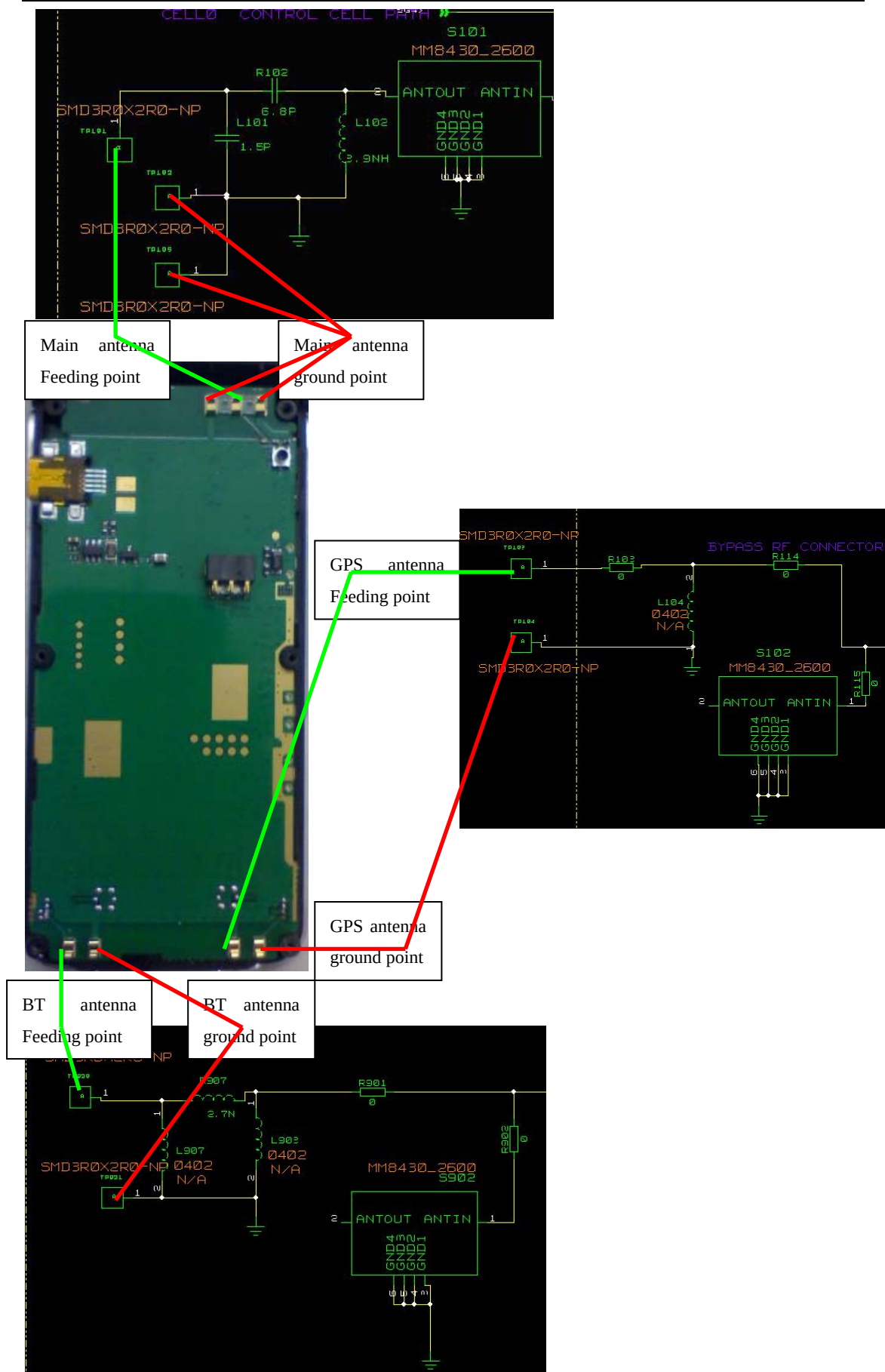
## Description about function of Antenna

There are three internal antennas of planar monopole type in ZTE C70 mobile phone. One is main antenna cover CDMA (CELL, PCS, AWS) band. The other is BT antenna. The third one is GPS antenna. GPS and BT antennas are put on the same carrier.

All antennas are suitable to be built-in within the housing of the mobile phone.

The planar monopole antenna is a good candidate for wireless communication because of its simple structure, omni-directional radiation characteristics, low profile and light-weight.



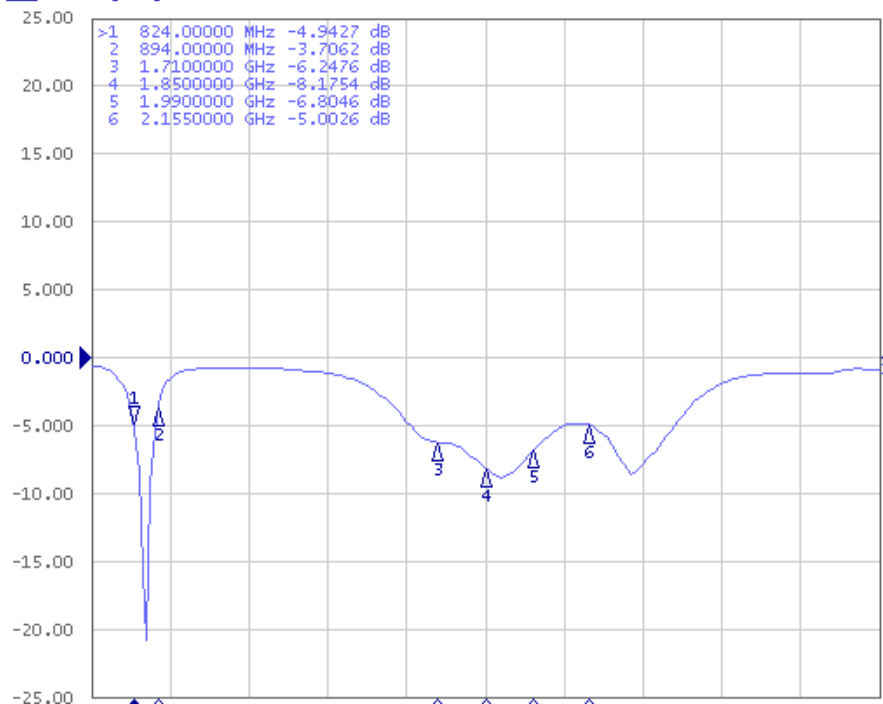


## Electrical Specification

### Return Loss--main antenna

| Frequency(MHz)  | 824     | 894     | 1710    | 1990    | 2155    |
|-----------------|---------|---------|---------|---------|---------|
| Return Loss(dB) | -4.9427 | -3.7062 | -6.2476 | -6.8046 | -5.0026 |

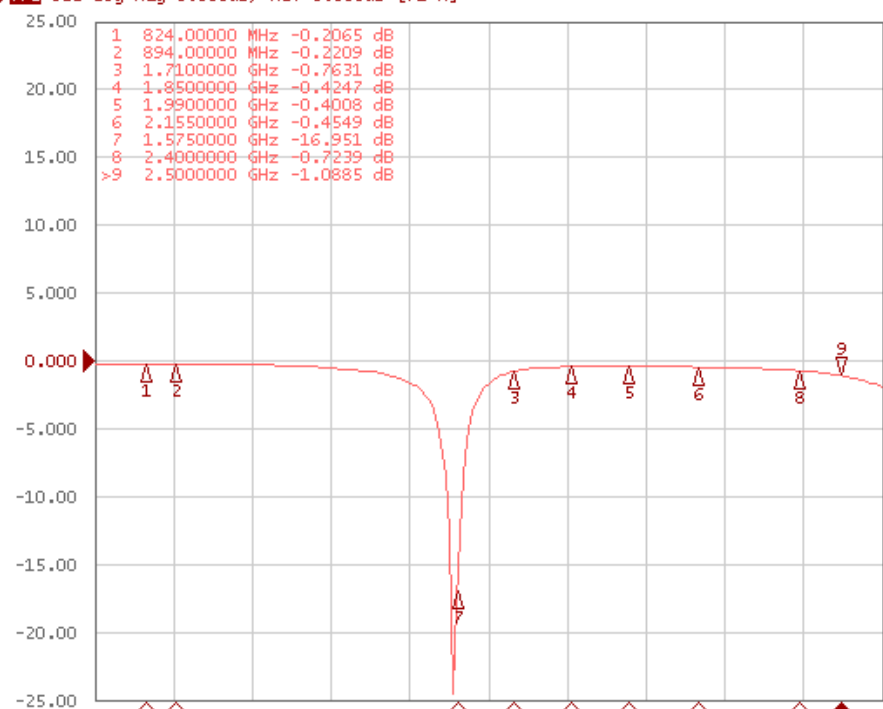
▶ F1 S22 Log Mag 5.000dB/ Ref 0.000dB [F1 M]



### Return Loss--GPS antenna

| Frequency(MHz)  | 1575    |
|-----------------|---------|
| Return Loss(dB) | -16.951 |

▶ F2 S22 Log Mag 5.000dB/ Ref 0.000dB [F1 M]



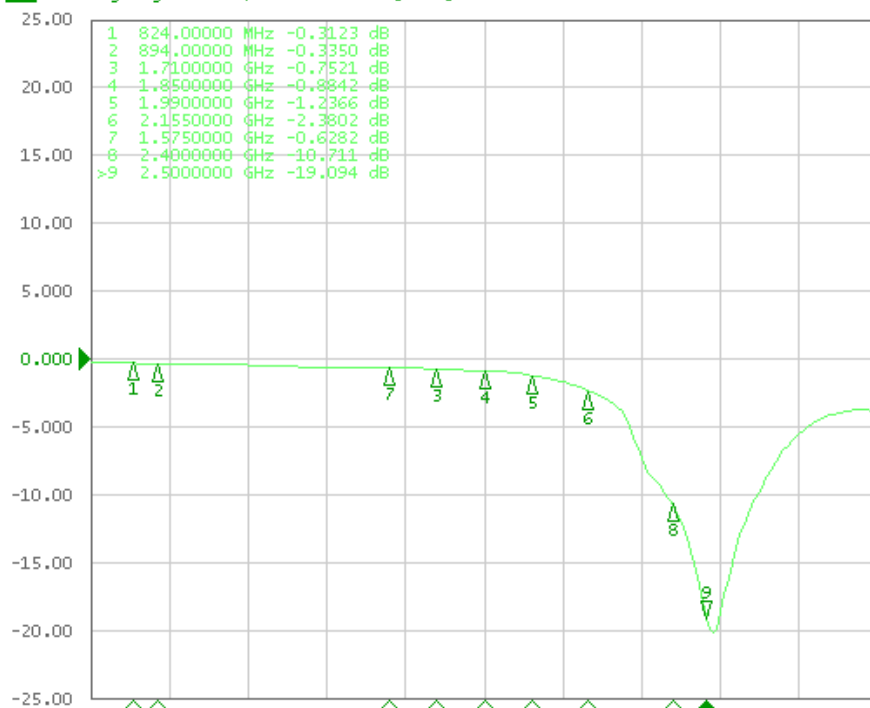
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## Return Loss--BT antenna

| Frequency(MHz)  | 2400    | 2500    |
|-----------------|---------|---------|
| Return Loss(dB) | -10.711 | -19.094 |

Tr3 S22 Log Mag 5.000dB/ Ref 0.000dB [F1 M]



## Radiation Pattern

