

## 2.4G Antenna Specification

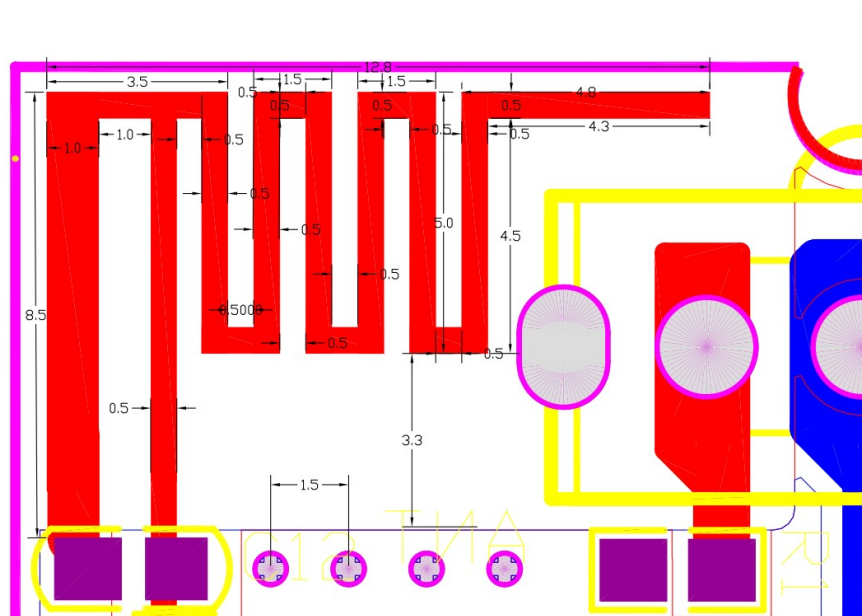
Part Number: JPN17-ANT-2G4-MEA-RX

Name: 2.4 GHz Meandered PCB Antenna for JPN17 RX

1. Picture of Antenna :



## 2. Size of Antenna

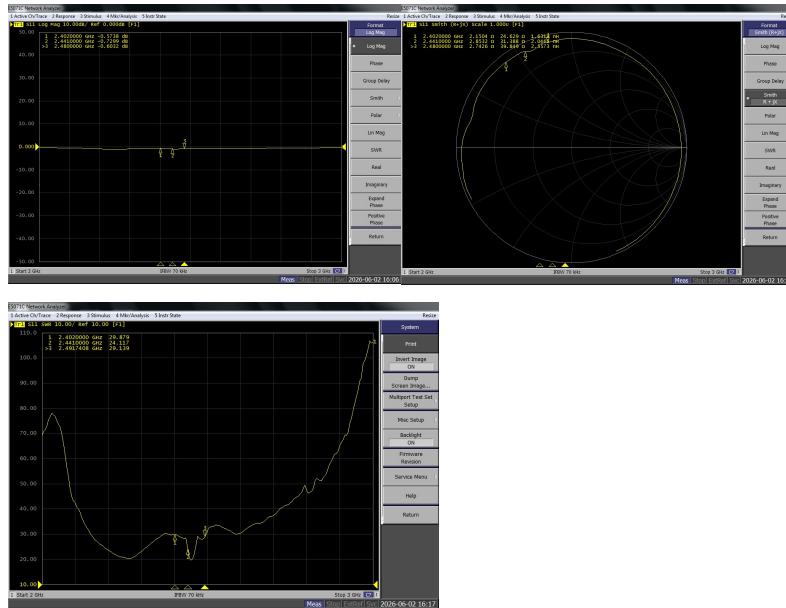


3. Antenna Gain:

| FS              |                 |                |            |
|-----------------|-----------------|----------------|------------|
| Frequency (MHz) | Efficiency (dB) | Efficiency (%) | Gain (dBi) |
| 2350            | -12.62          | 5.47           | -6.56      |
| 2355            | -13.18          | 4.81           | -7.50      |
| 2360            | -13.02          | 4.99           | -7.42      |
| 2365            | -13.23          | 4.75           | -7.77      |
| 2370            | -13.07          | 4.94           | -7.61      |
| 2375            | -13.07          | 4.93           | -7.65      |
| 2380            | -13.08          | 4.92           | -7.92      |
| 2385            | -13.22          | 4.76           | -7.83      |
| 2390            | -13.39          | 4.58           | -8.08      |
| 2395            | -13.25          | 4.74           | -7.76      |
| 2400            | -13.49          | 4.48           | -8.14      |
| 2402            | -13.55          | 4.41           | -8.41      |
| 2405            | -13.52          | 4.45           | -7.61      |
| 2410            | -13.27          | 4.71           | -7.70      |
| 2415            | -13.60          | 4.37           | -8.27      |
| 2420            | -13.79          | 4.18           | -8.53      |
| 2425            | -13.95          | 4.03           | -8.25      |
| 2430            | -14.16          | 3.84           | -7.44      |
| 2435            | -13.96          | 4.01           | -8.41      |
| 2440            | -13.91          | 4.06           | -8.51      |
| 2441            | -13.85          | 4.12           | -8.72      |
| 2445            | -13.18          | 4.81           | -4.22      |
| 2450            | -13.97          | 4.01           | -8.83      |
| 2455            | -14.15          | 3.84           | -9.37      |
| 2460            | -14.54          | 3.52           | -9.75      |
| 2465            | -14.24          | 3.77           | -9.52      |
| 2470            | -13.77          | 4.20           | -6.80      |
| 2475            | -13.98          | 4.00           | -8.66      |
| 2480            | -14.04          | 3.94           | -8.61      |
| 2482            | -14.10          | 3.89           | -8.62      |
| 2485            | -14.15          | 3.84           | -8.66      |
| 2490            | -14.59          | 3.48           | -9.35      |
| 2495            | -14.60          | 3.47           | -9.47      |
| 2500            | -14.50          | 3.55           | -9.59      |
| 2505            | -14.12          | 3.88           | -9.45      |
| 2510            | -14.14          | 3.85           | -9.31      |
| 2515            | -14.32          | 3.70           | -9.47      |
| 2520            | -14.65          | 3.43           | -9.73      |
| 2525            | -14.88          | 3.25           | -9.87      |
| 2530            | -14.97          | 3.19           | -9.90      |
| 2535            | -14.69          | 3.40           | -9.73      |
| 2540            | -14.21          | 3.80           | -9.15      |
| 2545            | -13.92          | 4.05           | -8.77      |
| 2550            | -13.81          | 4.16           | -8.74      |
| 2555            | -14.00          | 3.98           | -8.73      |
| 2560            | -14.11          | 3.88           | -8.74      |
| 2565            | -14.24          | 3.77           | -8.94      |
| 2570            | -13.99          | 3.99           | -8.60      |
| 2575            | -13.80          | 4.16           | -8.42      |
| 2580            | -13.75          | 4.22           | -8.40      |

## 4. Antenna Parameter & Radiation Patterns

### 4.1 2D Antennas Pattern



### 4.2 3D Antennas Pattern

