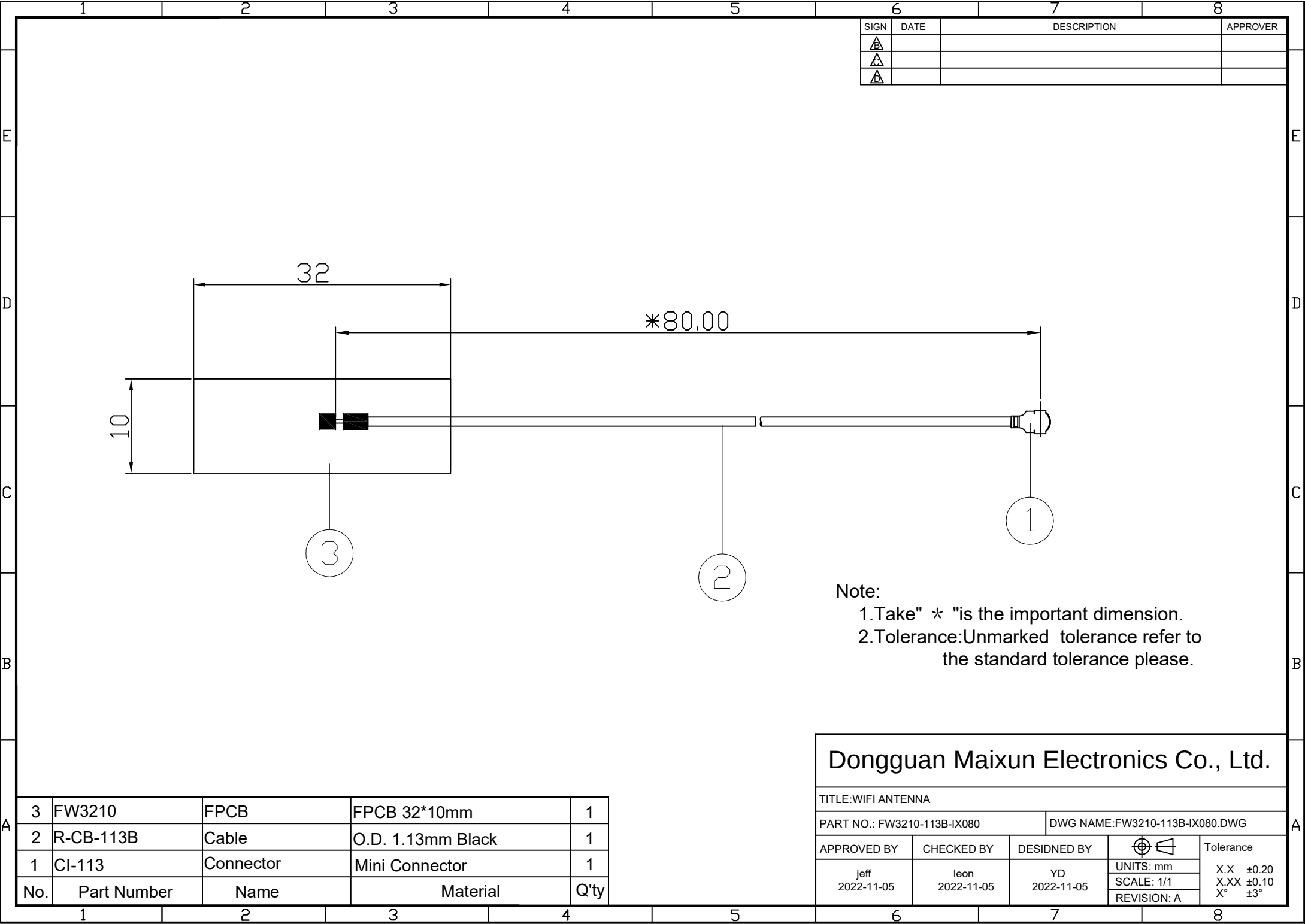




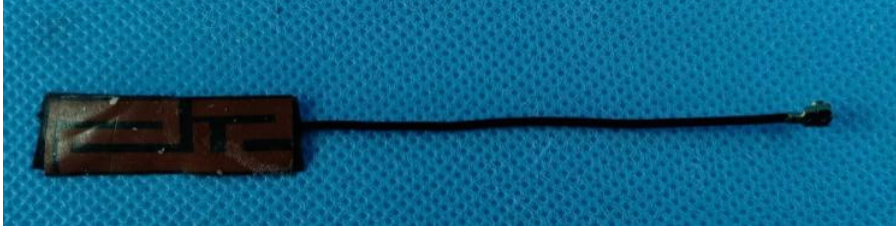
Note:  
1.Take" \* "is the important dimension.  
2.Tolerance:Unmarked tolerance refer to the standard tolerance please.

|     |             |           |                   |      |
|-----|-------------|-----------|-------------------|------|
| 3   | FW3210      | FPCB      | FPCB 32*10mm      | 1    |
| 2   | R-CB-113B   | Cable     | O.D. 1.13mm Black | 1    |
| 1   | CI-113      | Connector | Mini Connector    | 1    |
| No. | Part Number | Name      | Material          | Q'ty |

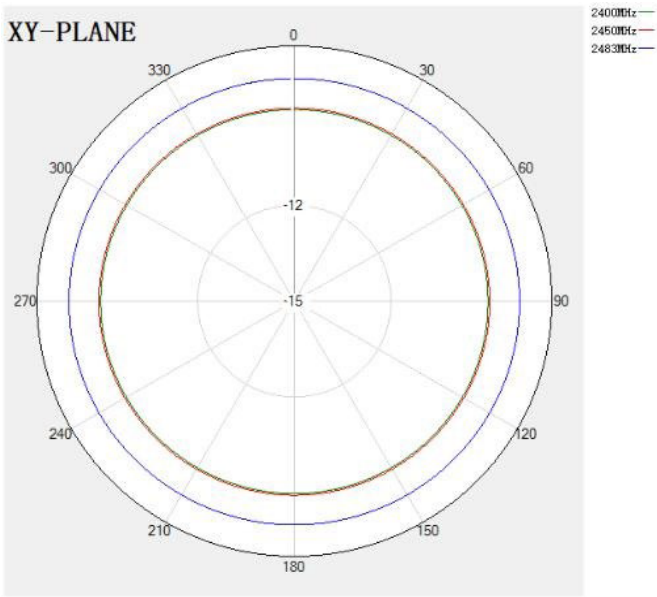
Dongguan Maixun Electronics Co., Ltd.

|                             |                    |                  |                                |            |
|-----------------------------|--------------------|------------------|--------------------------------|------------|
| TITLE:WIFI ANTENNA          |                    |                  |                                |            |
| PART NO.: FW3210-113B-IX080 |                    |                  | DWG NAME:FW3210-113B-IX080.DWG |            |
| APPROVED BY                 | CHECKED BY         | DESIDNED BY      |                                | Tolerance  |
| jeff<br>2022-11-05          | leon<br>2022-11-05 | YD<br>2022-11-05 | UNITS: mm                      | X.X ±0.20  |
|                             |                    |                  | SCALE: 1/1                     | X.XX ±0.10 |
|                             |                    |                  | REVISION: A                    | X° ±3°     |

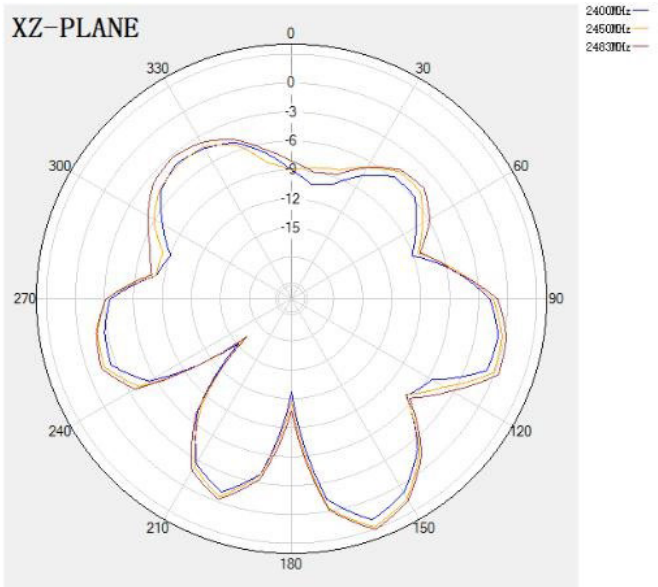
# Test Reports

|                                                                                    |                                                                                                                           |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Manufacturer                                                                       | Dongguan Maixun Electronics Co., Ltd.                                                                                     |
| Manufacturer's address                                                             | Room 405, 4th Floor, No.6, Qilin East Road,<br>Daning Community, Humen Town,<br>Dongguan City, Guangdong Province, China. |
| Sample Photo                                                                       |                                                                                                                           |
|  |                                                                                                                           |
| A.Electrical Characteristics                                                       |                                                                                                                           |
| Frequency                                                                          | 2400 ~ 2500 MHz                                                                                                           |
| S.W.R                                                                              | $\leq 3.0$ @ 2400 ~ 2500 MHz                                                                                              |
| Antenna Gain                                                                       | 3.0dBi                                                                                                                    |
| Impedance                                                                          | 50 Ohm Nominal                                                                                                            |
| Return Loss                                                                        | -10 dB Max                                                                                                                |
| Radiation                                                                          | Omni-directional                                                                                                          |
| Cable Loss                                                                         | 2.0 dB / m Max @ 2000MHz                                                                                                  |
| Polarization                                                                       | Linear, Vertical                                                                                                          |
| Admitted Power                                                                     | 1 W                                                                                                                       |
| Connector                                                                          | Mini Connector                                                                                                            |
| Physical Properties                                                                |                                                                                                                           |
| Antenna Material                                                                   | FPCB                                                                                                                      |
| Cable type                                                                         | O.D. 1.13mm // 80 mm                                                                                                      |
| Operation Temp.                                                                    | -30 ~ + 50° C                                                                                                             |
| Storage Temp.                                                                      | -35 ~ + 70° C                                                                                                             |

XY-PLANE



XZ-PLANE



YZ-PLANE

