

Regulatory Antenna Information

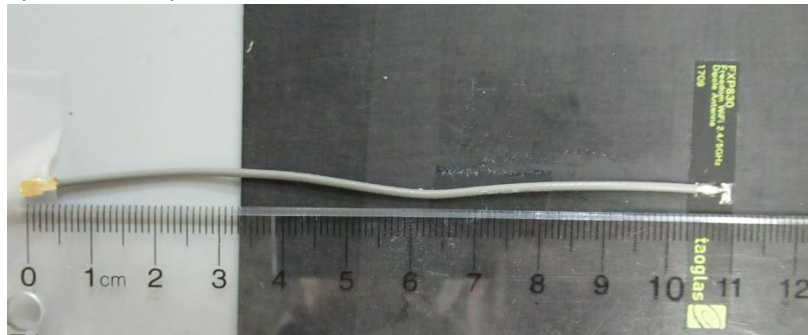
FCC ID: R680Q2200S

Model: Open-Q 2200 SIP

WLAN & BT:

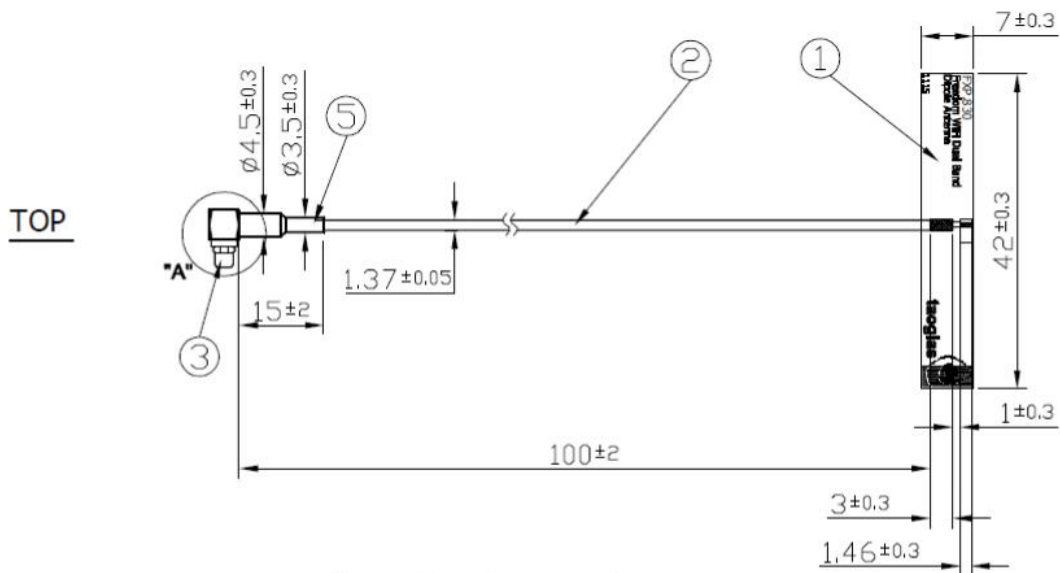
| Parameter | Specification |
|----------------------------|---|
| Manufacturer | Taoglas |
| Address | 4851 Paramount Drive, San Diego, CA 92123 |
| Part Number | FXP830.07.0100C |
| Peak Gain (on plastic*) | 2.4GHz: 3.32dBi, 5.8GHz: 6.11dBi |
| Average Gain (on plastic*) | 2.4GHz: -3.0dBi, 5.8GHz: -0.7dBi |
| Impedance | 50 ohms |
| Type | Flexible Dipole Antenna |
| Polarization | Linear |
| VSWR (free space) | <4.5:1, 2400 – 2480, <2.25:1, 4900 - 5800 |
| Frequency | 2.4 ~ 2.5GHz, 4.9 ~ 5.8GHz |
| Size | 42mm x 7mm x 0.1mm |
| Antenna Color | Black with green logo and text |
| Antenna Body Material | Polymer |
| Adhesive | 3M double-sided tape |
| Connector Height | U.FL: 2.5mm Max. |
| Cable | Gray 100mm 1.37 co-axial |
| Operating Temp | -40 to +85 C |

For full specification, please refer to the antenna data sheet: FXP830.07.0100C.pdf.



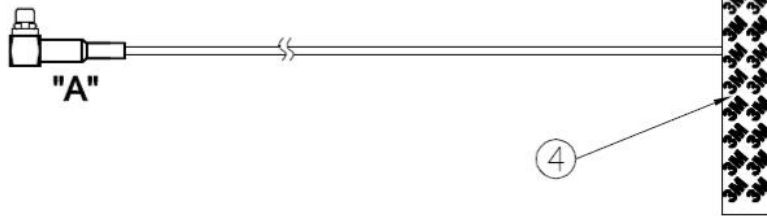
Antenna Drawing

LANTRONIX



All material must be RoHS compliant.
Open/Short QC, VSWR required.

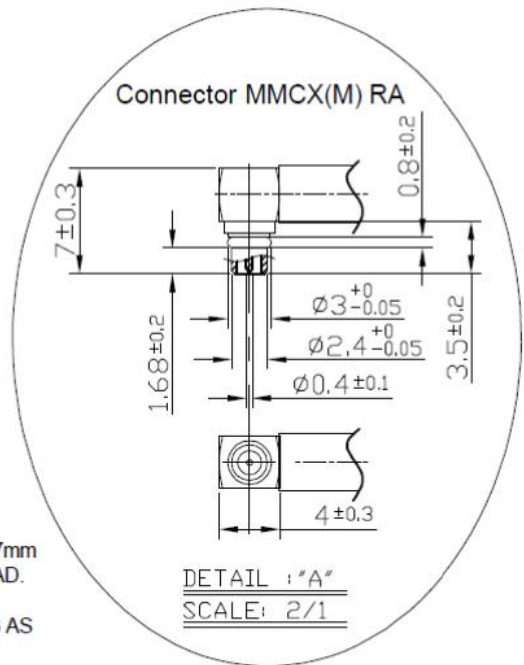
Bottom



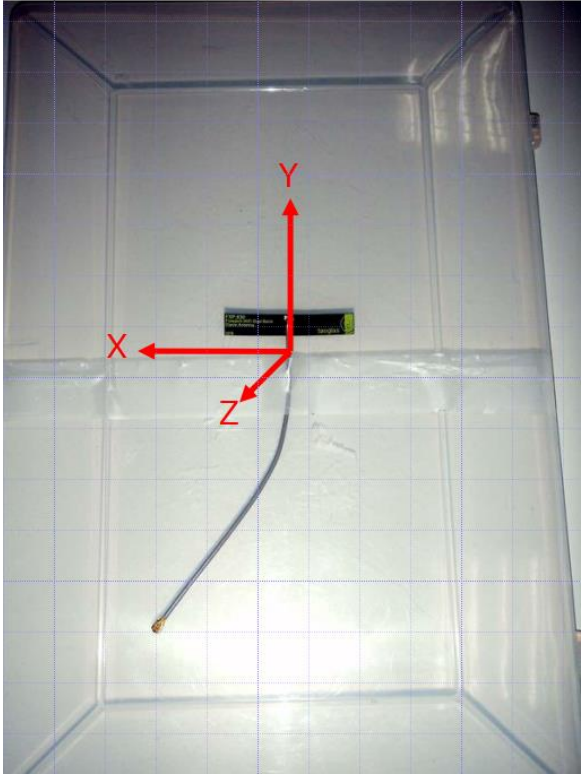
| | Name | Material | Finish | QTY |
|---|-------------------------|-----------|-------------|-----|
| ① | FXP830 PCB | FPCB 0.1t | Black | 1 |
| ② | 1.37 Mini-Coaxial Cable | FEP | Gray | 1 |
| ③ | MMCX(M) RA | Brass | Gold | 1 |
| ④ | Double-Sided Adhesive | 3M 467 | Brown Liner | 1 |
| ⑤ | Heat Shrink Tube | PE | Black | 1 |

NOTES:

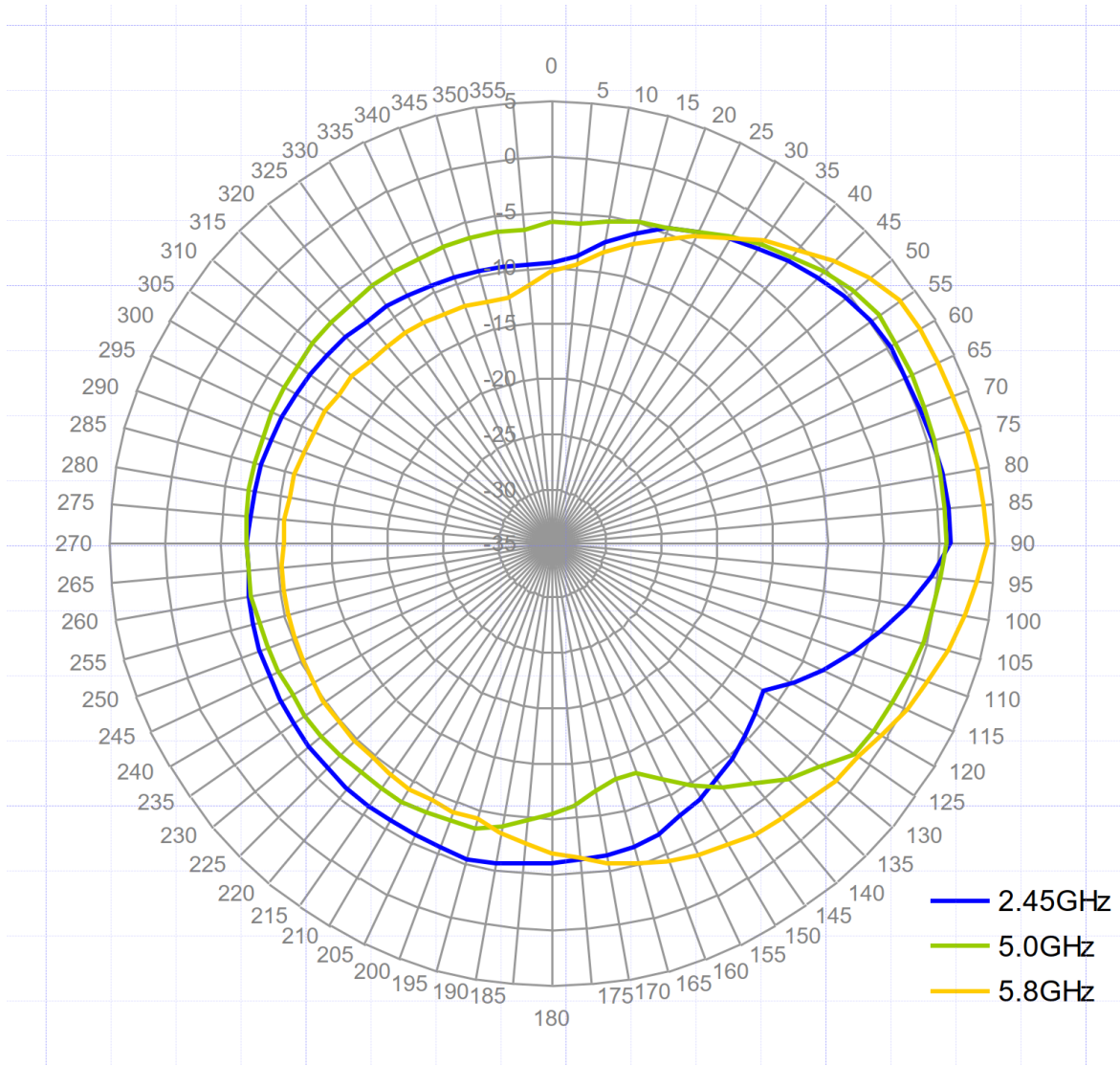
- 1.NO DREGS OR INSUFFICIENT SOLDERING. SOLDER THICKNESS 1~1.7mm
- 2.THE SOLDER MUST BE SMOOTH AND FULL TO THE EDGES OF THE PAD.
THE SOLDER MUST NOT EXTEND OUTSIDE OF THE PAD AREA.
- 3.THE CONNECTOR POSITION HAS SPECIAL ORIENTATION TO THE PCB AS PER DRAWING.



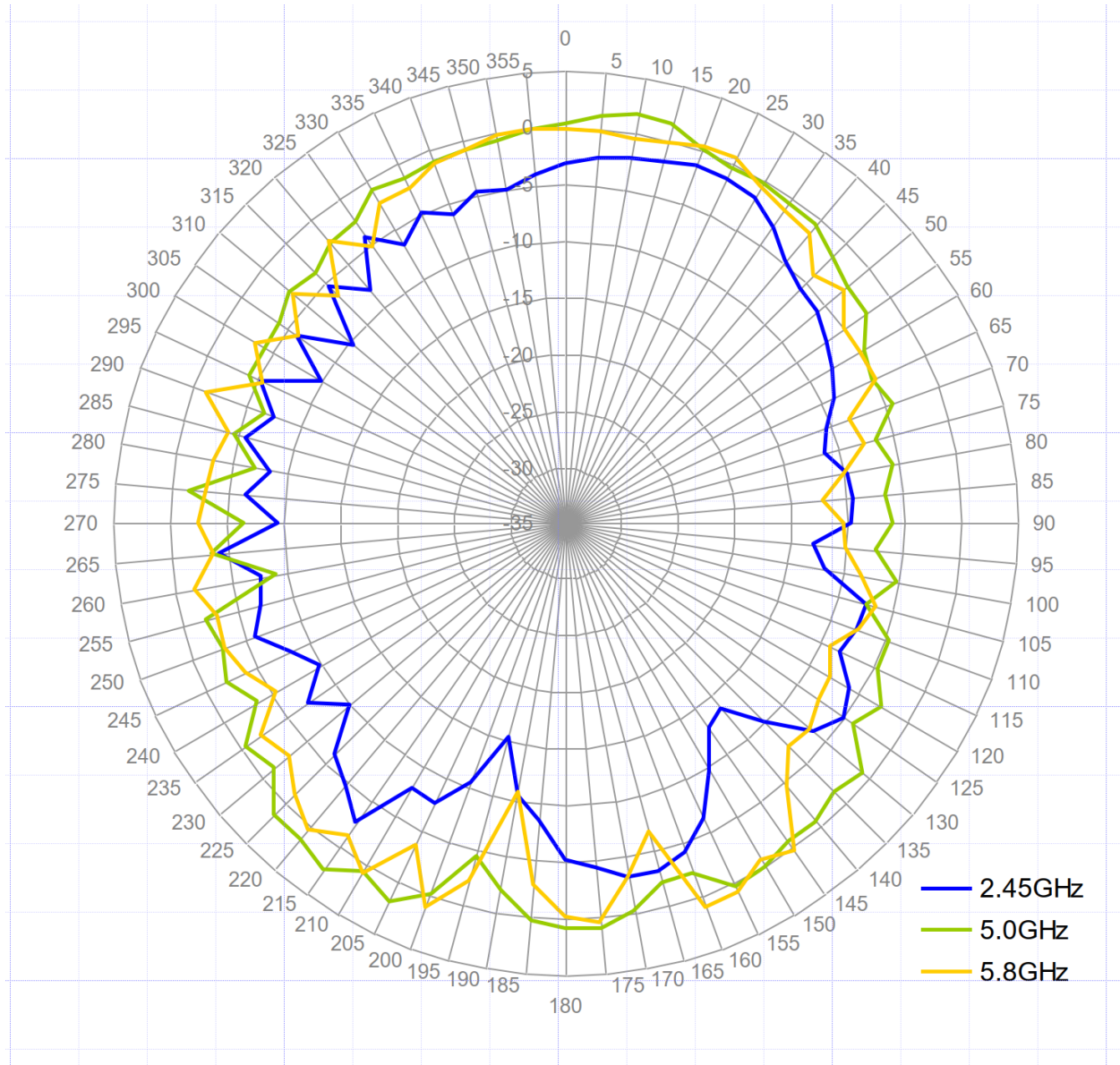
Radiation Pattern for FXP830.07.0100C



Radiation Pattern for FXP830.07.0100C (XY Plane)



Radiation Pattern for FXP830.07.0100C (XZ Plane)





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Signature:
