

Regulatory Antenna Information

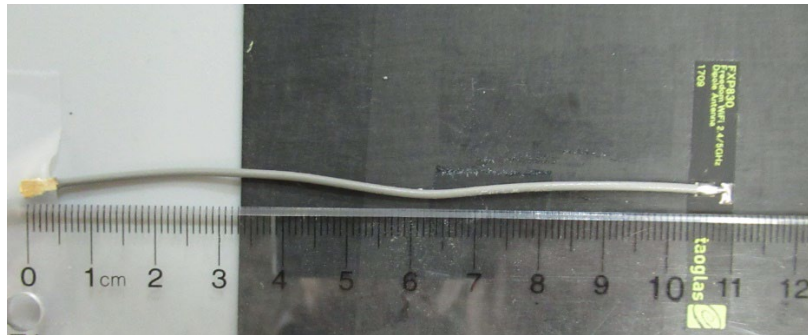
FCC ID: R68OQ4200S

Model: Open-Q 4200 SIP

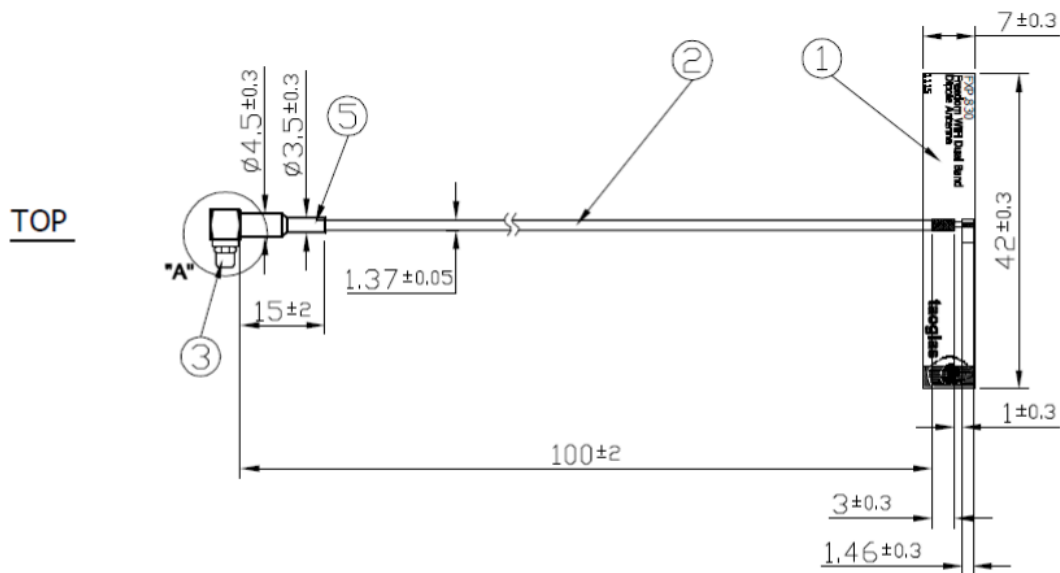
WLAN & BT:

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.

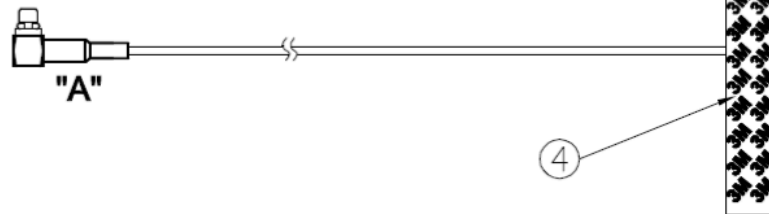


Antenna Drawing



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

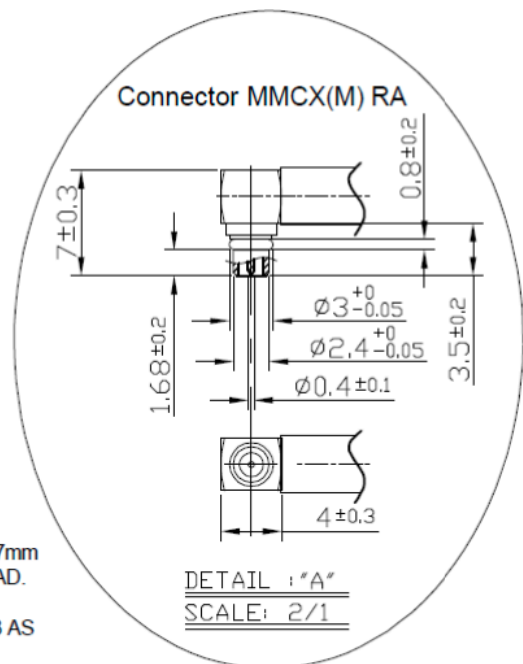
Bottom



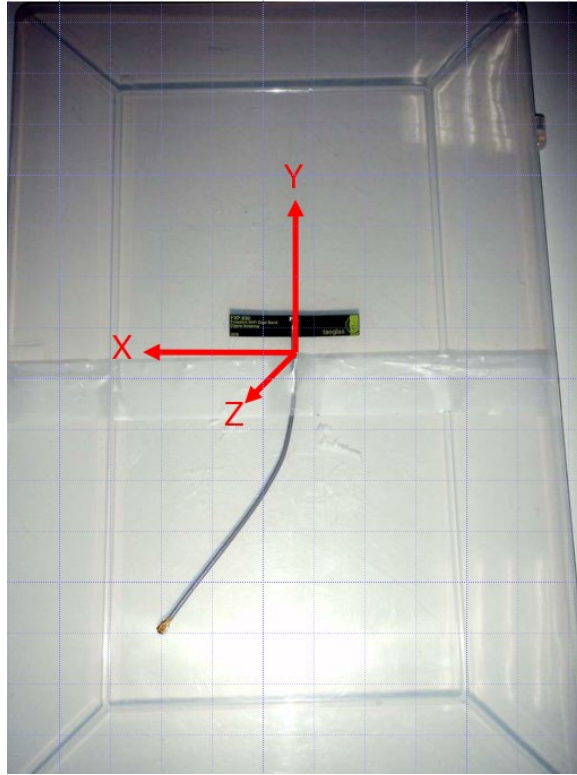
	Name	Material	Finish	QTY
①	FXP830 PCB	FPCB 0.1t	Black	1
②	1.37 Mini-Coaxial Cable	FEP	Gray	1
③	MMCX(M) RA	Brass	Gold	1
④	Double-Sided Adhesive	3M 467	Brown Liner	1
⑤	Heat Shrink Tube	PE	Black	1

NOTES:

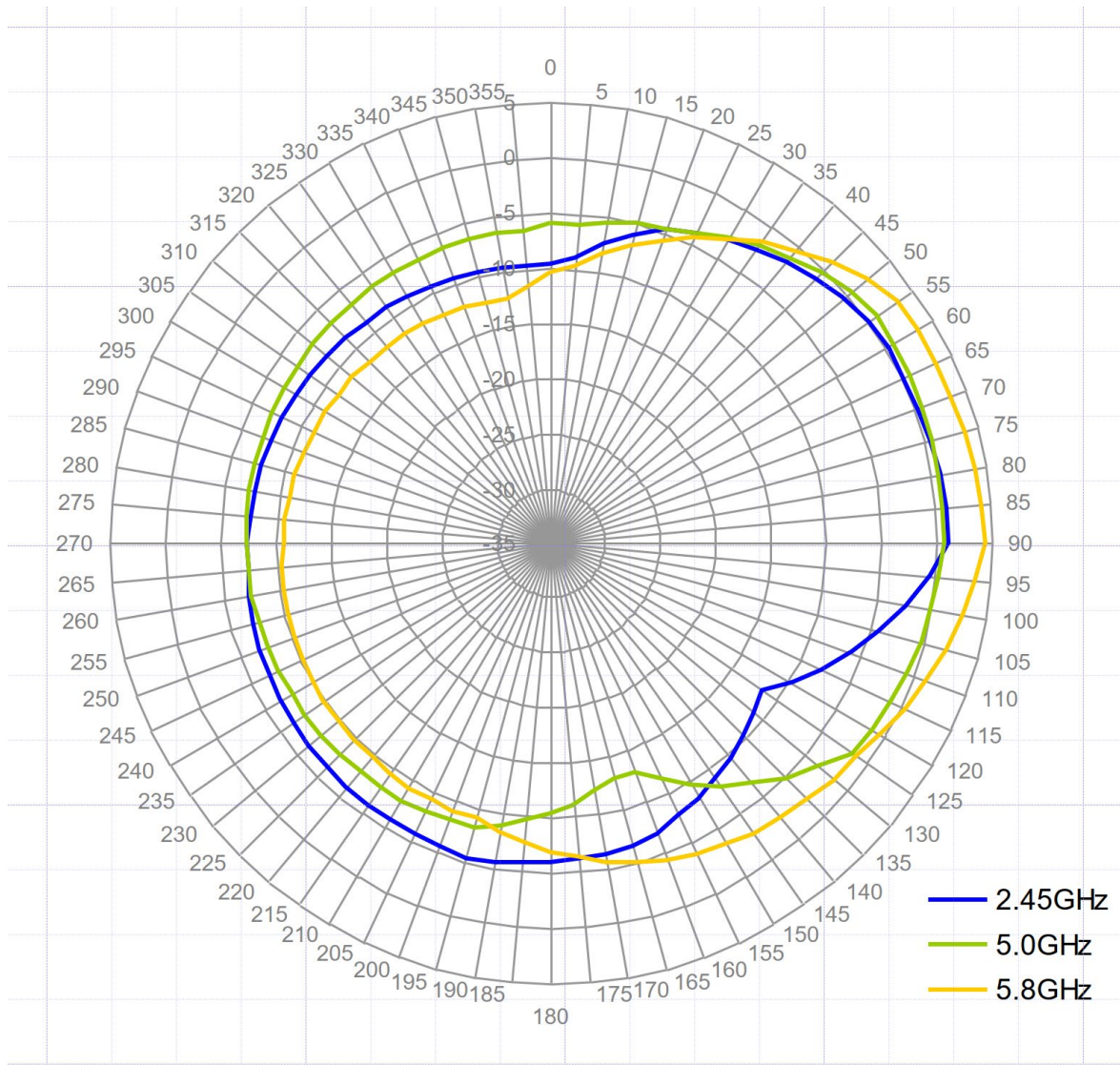
- 1.NO DREGS OR INSUFFICIENT SOLDERING. SOLDER THICKNESS 1~1.7mm
- 2.THE SOLDER MUST BE SMOOTH AND FULL TO THE EDGES OF THE PAD.
THE SOLDER MUST NOT EXTEND OUTSIDE OF THE PAD AREA.
- 3.THE CONNECTOR POSITION HAS SPECIAL ORIENTATION TO THE PCB AS PER DRAWING.



Radiation Pattern for FXP830.07.0100C



Radiation Pattern for FXP830.07.0100C (XY Plane)



Radiation Pattern for FXP830.07.0100C (XZ Plane)

