

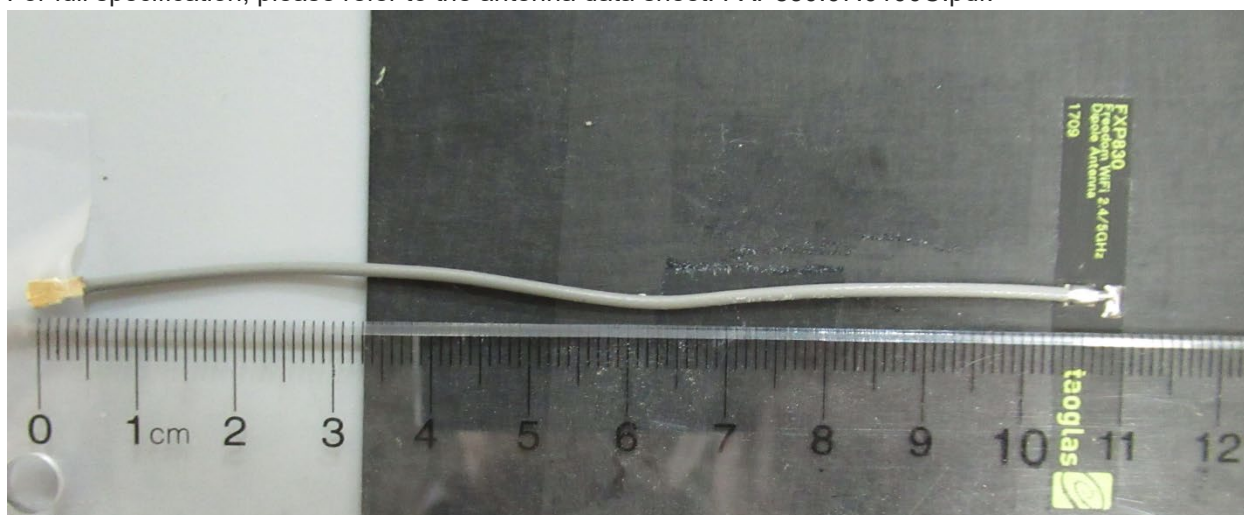
Regulatory Antenna Information

WLAN & BT:

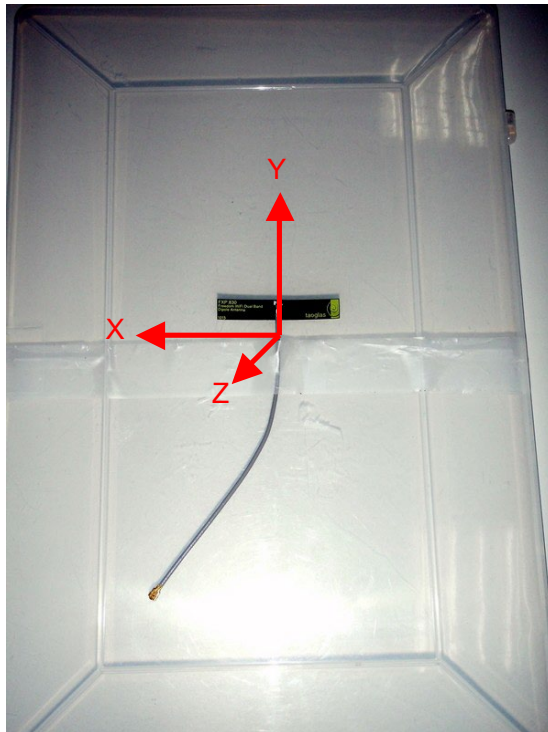
Parameter	Specification
Manufacturer	Taoglas
Manufacturer Address	Unit 5, Kilcannon Business Centre, Old Dublin Rd, Kilcannon, Enniscorthy, Co. Wexford, Ireland
Part Number	FXP.830.07.0100C
Peak Gain (on plastic*)	2.4GHz: 3.32dBi, 5.8GHz: 6.11dBi
Average Gain (on plastic*)	2.4GHz: -3.0dBi, 5.8GHz: -0.7dBi
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

* FXP.830 was tested on 1mm thick plastic

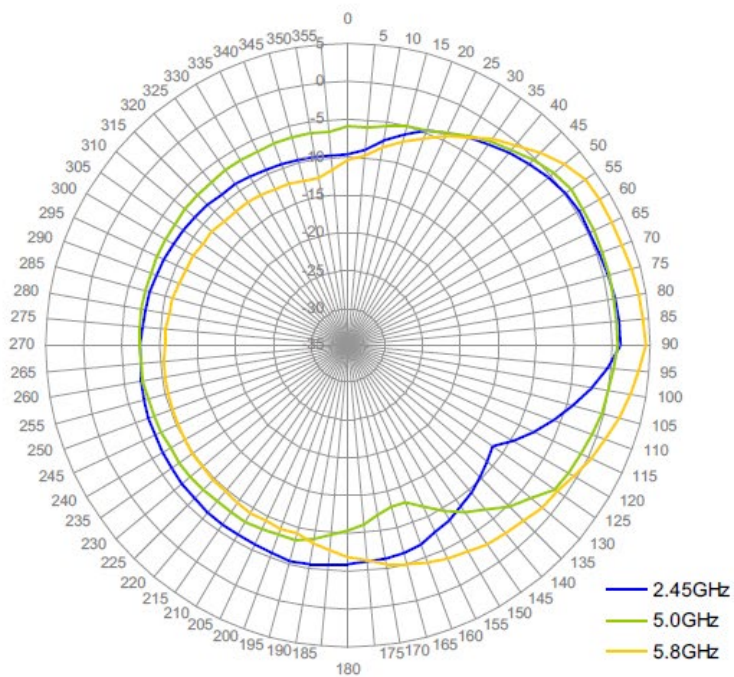
For full specification, please refer to the antenna data sheet: FXP830.07.0100C.pdf.



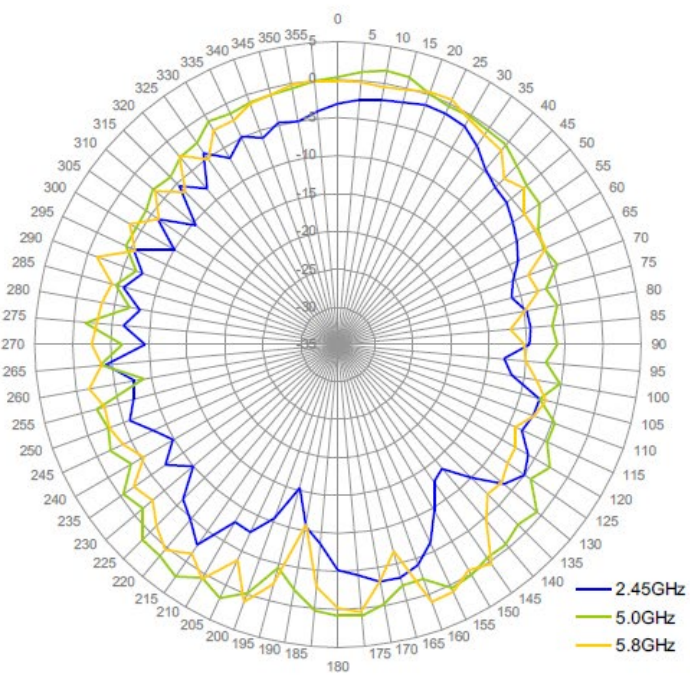
Radiation Pattern for Antenna on plastic



XY Plane

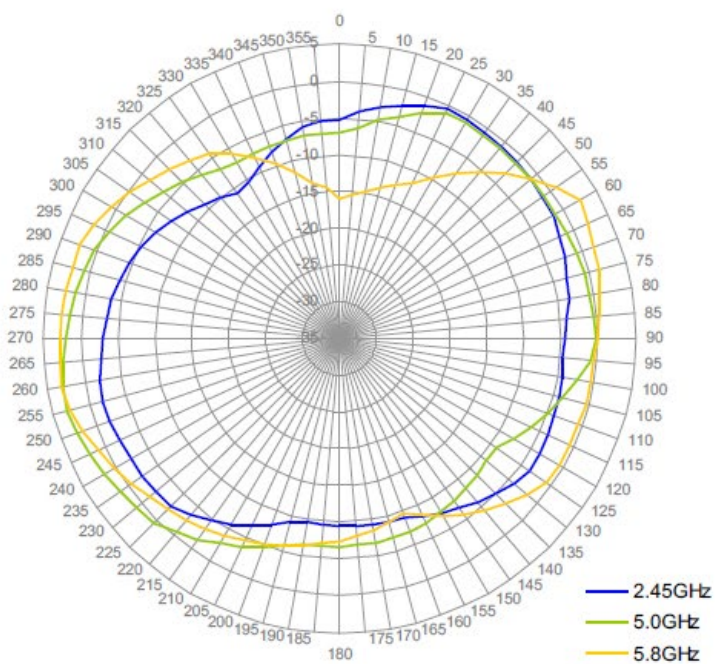


XZ Plane

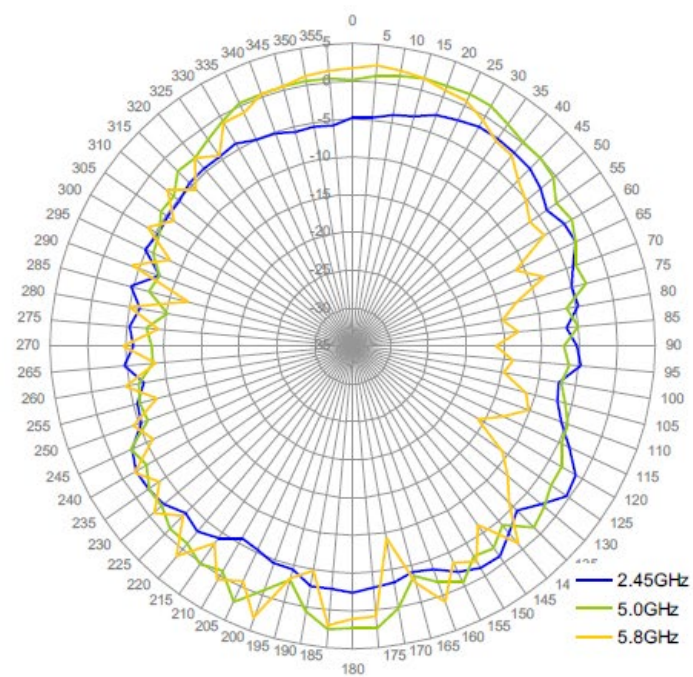


Free Space Radiation

XY Plane



XZ Plane



X



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