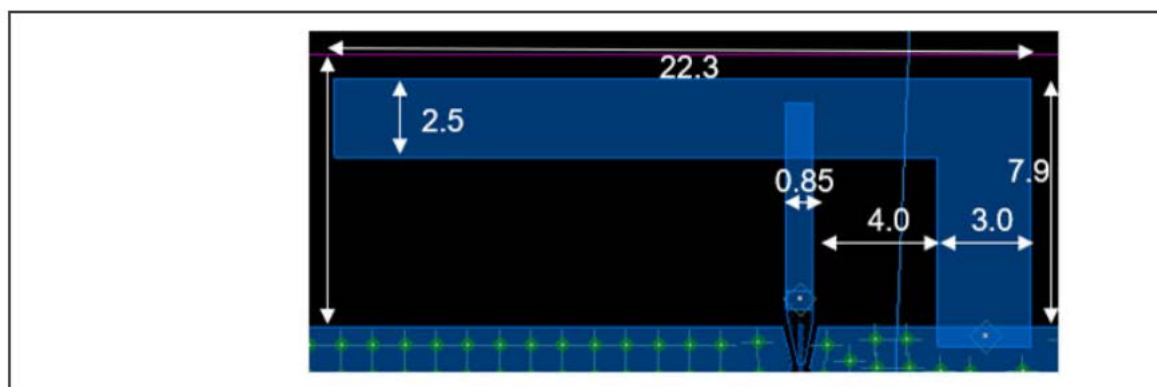


Emne:	F ant	Proj. nr.:	xxxx	Page:	1 of 3
Section:	Dokumentation	Date:	2023.08.0423	Version:	0.0.1
Reference:		Respon:	PKH	Replaces:	-
File name:		Approved.:			

The ZigBee antenna implemented on the MGW211 gateway is an in-PCB Inverted F-antenna (IFA). The IFA was designed to match an impedance of 50 ohm at 2.45 GHz.

The PCB antenna is homemade and designed by DP.

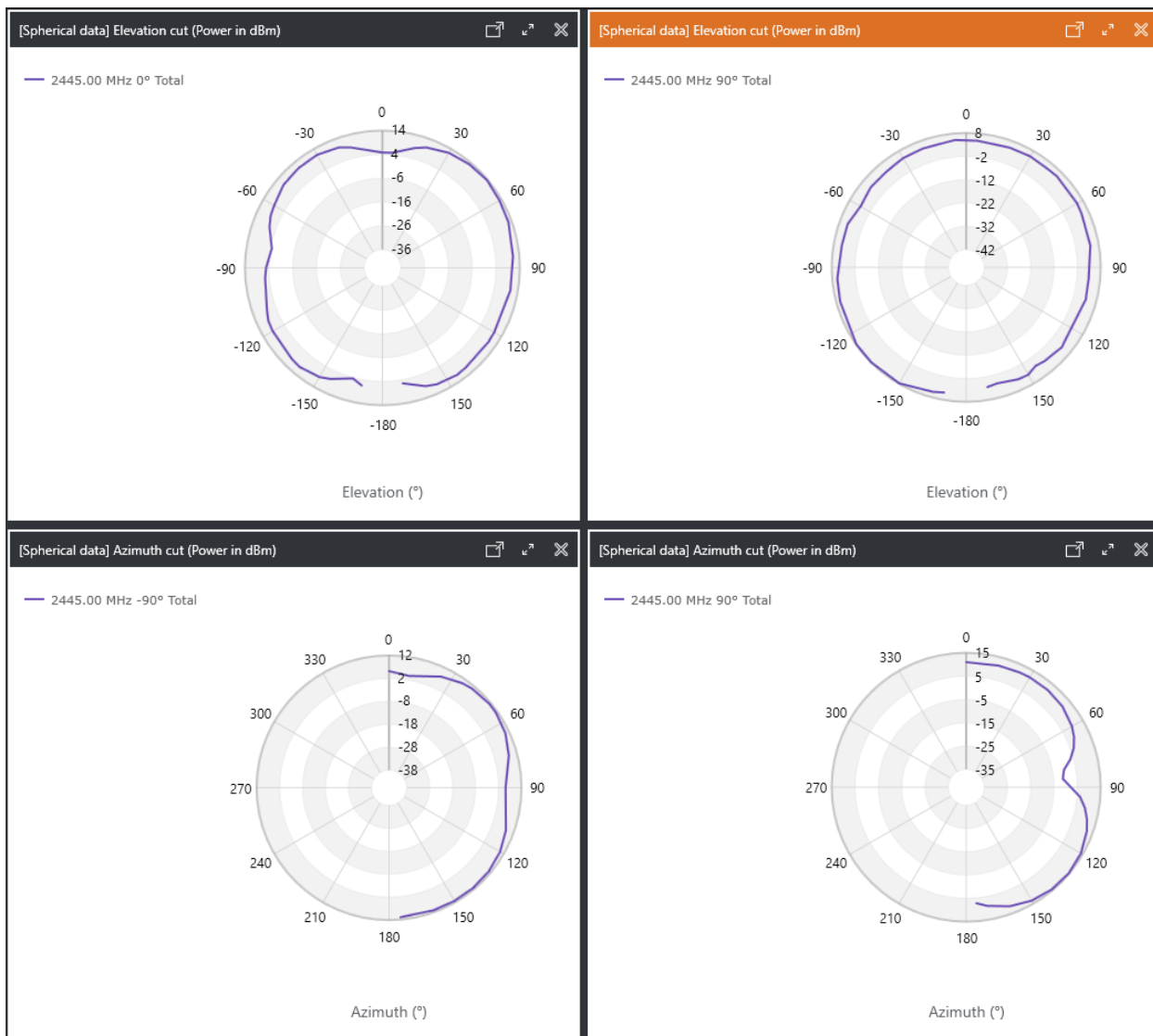
The maximum Ant gain is +1 dBm



All dimensions are in millimetres.

Radiation pattern

Emne:	F ant	Proj. nr.:	xxxx	Page:	2 of 3
Section:	Dokumentation	Date:	2023.08.0423	Version:	0.0.1
Reference:		Respon:	PKH	Replaces:	-
File name:		Approved.:			



Emne:	F ant	Proj. nr.:	xxxx	Page:	3 of 3
Section:	Dokumentation	Date:	2023.08.0423	Version:	0.0.1
Reference:		Respon:	PKH	Replaces:	-
File name:		Approved.:			



Coordinate System

