

Declaration of Conformity Non-ionising Radiation Safety

Manufacturer: Robin Radar Systems B.V.
Laan van Waalhaven 355
2497 GM The Hague
The Netherlands

Product identification:

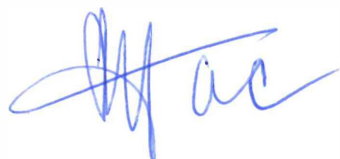
Name: IRIS[®] Drone Detection Radar
Model/type numbers: RRS-IRIS/A2/F8900, RRS-IRIS/A2/F9250, RRS-IRIS/A2/F9650

Regarding radiation safety the IRIS[®] Drone Detection Radar complies to the ICNIRP regulation. For this particular radar, the regulation prescribes a maximum continuous exposure of 10 W/m².

At zero meter from a non-rotating radar the radiation power is 12 W on each opposite sides. However, due to the fact that the radar rotates, the average radiation is much lower. The radar only spends 3.33 % on a target. This results in an average radiation power of 0,4 W. The resulting safe distance is 0.8 m / 2.6 ft.

The radar stops transmitting if the antenna does not rotate (e.g. motor failure, blocked rotor). So even without precautions residing in the vicinity (0.8 m / 2.6 ft) of the radar it is safe according to ICNIRP.

The Netherlands
The Hague,
July 6, 2023



T. Claasen-Vujcic
COO