

## RF Exposure information

The pool unit is classified as a portable device. The pool unit includes 2 transmitters operating according to FCC part 15 subpart C section 15.231 and section 15.247 (DTS).

The standard section 15.231 does not contain RF Exposure limits.

According to KDB 447498 D01 v05r02 section 4.3.1 the exemption limit for 100 MHz to 6 GHz at  $\leq 50$  mm distance is determined as follow:

**$[(\text{max. power including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \times [\sqrt{f(\text{GHz})}] \leq 3.0$  for 1-g whole body SAR and  $\leq 7.5$  for 10-g extremities SAR**

where:

- $f(\text{GHz})$  is the RF channel transmit frequency in GHz;
- Power and distance are rounded to the nearest mW and mm before calculation;
- The result is rounded to one decimal place for comparison;
- The value 3.0 and 7.5 are referred to as numeric threshold.

The maximum conducted output power of the module is 57.68 mW according to the test report.

SAR test exclusion threshold for frequency 2480 MHz at minimum separation distance of 50 mm\*:

\* The minimum separation distance of 50 mm is ensured by the physical dimensions of the case, PCB and integrated antenna and was measured as the distance between the closest point of the external case to the outermost point of the internal antenna.

$$57.68 \text{ mW} / 50 \text{ mm} \times (\sqrt{2.462}) = 1.816 \text{ mW}$$

This is less than 3.0, so no SAR is required.