Manufacturer:     SKF
          FCC ID:  2AJ99-CMWA-6100

**Prediction of MPE limit at a given distance**

Equation from page 18 of OET Bulletin 65, Edition 97-01

$$S = \frac{PG}{4\pi R^2}$$

where:   S = power density
         P = power input to the antenna
         G = power gain of the antenna in the direction of interest relative to an isotropic radiator
         R = distance to the center of radiation of the antenna

**Transmitter n°1: BLE**

| | |
|---|---:|
| Maximum peak output power at the antenna terminal: | -1,58 (dBm) |
| Maximum peak output power at the antenna terminal: | 0,695024318 (mW) |
| Antenna gain(typical): | 0,35 (dBi) |
| Maximum antenna gain: | 1,083926914 (numeric) |
| Prediction distance: | 20 (cm) |
| Prediction frequency: | 2480 (MHz) |
| MPE limit for uncontrolled exposure at prediction frequency: | 1 (mW/cm^2) |
| Power density at prediction frequency: | 0,000150 (mW/cm^2) |
| Maximum allowable antenna gain: | 38,59269855 (dBi) |

**Transmitter n°2**

| | |
|---|---:|
| Maximum peak output power at the antenna terminal: | -0,56 (dBm) |
| Maximum peak output power at the antenna terminal: | 0,879022517 (mW) |
| Antenna gain(typical): | 0,35 (dBi) |
| Maximum antenna gain: | 1,083926914 (numeric) |
| Prediction distance: | 20 (cm) |
| Prediction frequency: | 2480 (MHz) |
| MPE limit for uncontrolled exposure at prediction frequency: | 1 (mW/cm^2) |
| Power density at prediction frequency: | 0,000190 (mW/cm^2) |
| Maximum allowable antenna gain: | 37,57269855 (dBi) |

<u>Note</u>: Transmitter n°1 & transmitter n°2 can't transmit simultaneously