BT6MBS Statement on RF Safety Requirements.

Reference FCC Rules Part 1 para. 1.1307, 2.1093.

The PAE base station model BT6MBS is a low power transceiver operating in the 118 –137 MHz band with an RF output power of 8W nominal. This equates to a maximum field strength not exceeding 22V/m. (based on a half wave dipole with a gain of 1.64 times that of an isotropic radiator).
This radiated level equates to a Power density of $1.3Wm^{-2}$ which is a minimum risk level.

This equipment is designed for operation with a fixed site antenna. To ensure correct operation, the user guide issued with the equipment, carries the following warning on antenna use:

The antenna used with this radio equipment must be installed such that the resultant radiated field strength is below $10W/m^2$ in areas normally accessible to personnel.

This level is lower than the recommendations given by the NCRP and EN60215:1996.

The equipment meets the requirements of EN60215 Clause 22 regarding Harmful Radiation (<100W/ m^{-2}).

The antenna connector is fitted with a warning symbol in accordance with EN60215 Clause 22 :

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