

# Manufacturer Statement - Chiptech Products and Pacemakers

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Chiptech design and manufacture a range of telecare base units and wearable alerting devices to support people to be independent and safe.

The Chiptech product range includes electronic devices that use low power Radio Frequency (RF) transmissions and cellular frequency emissions. Chiptech products are independently tested and marked as compliant for emissions. Please note, Chiptech products only utilise these frequencies when they are activated, or when they are sending test reports or connection checks.

Please refer to the individual product user guide, product manual or product specification document for specific information regarding the frequencies used and the testing intervals. Where applicable, you will find pacemaker warnings for specific products.

## **Chiptech Base Units:**

Chiptech base units utilise both low power RF and cellular technology. Therefore is recommended to install a base unit a **minimum distance of 30cms away from the pacemaker** and where the person will be spending their time. For example, install the base unit away from the bed or favourite seat.

## **Pearl:**

Pearl personal help buttons utilises low power (60 $\mu$ W) radio frequency to connect with Chiptech Base Units. Pacemaker manufacturers that Chiptech have contacted state that there are no known risks with RF pendants and pacemakers. Chiptech takes a conservative approach, and advises that Pearl must not be worn as a neck pendant. It can be worn as a wrist watch or clip-on pendant, as long as the Pearl is positioned a **minimum distance of 15cm away from the pacemaker**, aligning with the standard recommendation from pacemaker manufacturers of low power devices.

If your customer has a specific concern about electromagnetic compatibility with their pacemaker, they should be directed back to their specialist, who can provide further information or guidance from the manufacturer based on the make and model of their pacemaker.

