



Global Product Certification
EMC-EMF-Safety Approvals

EMC Technologies Pty Ltd

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To: Certification Manager – TIMCO Engineering

From: EMC Technologies Pty Ltd **No. of pages:** 1

EMC Ref: M141233 (Model BBSE) **Date:** 20 July 2015

Subject: **FCC C2PC application**

C2PC Application:

This Class II Permissive Change is to integrate Texas Instrument's module Z64-WL18SBMOD with Telegesis module S4GEM35XB into Embertec Pty Ltd's Emberpulse Home Display/Automation Device, Model BBSE.

The device is the Emberpulse Home Display/Automation Device: Model BBSE, manufactured by Embertec Pty Ltd.

The device is fitted with two pre-approved modules:

- Texas Instruments Inc. WiFi and Bluetooth module: FCC ID: Z64-WL18SBMOD (granted 02/03/2014)
- Telegesis (UK) Limited ZigBee radio module (ETRX3 series long range module): FCC ID: S4GEM35XB (granted 01/31/2011).

Embertec Pty Ltd as the manufacturer of the host device (Emberpulse Home Display/Automation Device) has stated the following regarding the integrated modules:

- The zigbee module is electrically identical to the certified module and uses the approved on-module mounted antennae (as certified FCC ID S4GEM35XB)
- The WiFi/BT module is electrically identical to the certified module and uses a PCB mounted antennae identical to that on the approved TI development PCB (as certified FCC ID Z64-WL18SBMOD)

Texas Instruments Incorporated has requested a C2PC (Limited Single Modular Approval) to their grant of approval to allow co-location and simultaneous transmission of FCC ID: Z64-WL18SBMOD and FCC ID: S4GEM35XB in host device – Emberpulse Home Display/Automation Device, Model BBSE.

RF exposure and labelling will be addressed by Embertec Pty Ltd according to FCC multi-transmitter and modular procedures.

EMC Technologies Pty Ltd is acting as agent during this product approval.

Regards

Donna Lennon
Report Secretary
EMC Technologies Pty Ltd