

Limited Modular Approval

March 6, 2014
AVG-14-U004

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia MD 21046-1609

Re: Limited Modular Approval for BT Module, Model BM830
FCC ID: ACJ-SC-HTB8

Declaration:

Sunitec Bluetooth Module, Part Number BM830 is used and tested, while installed within end-product
Panasonic Home Theater Audio System, Model SC-HTB8

Modular Approval Requirements /	Yes	No
(1) Have it's own RF shielding.	☐	☒ Radio portion of BT module does not have its own RF shielding and relies on end-product. Refer to external photos.
(2) Have buffered modulation/data inputs.	☒ The EUT has buffered data inputs from BT integrated chip BM830	☐
(3) Have its own power supply regulation.	☒ The power interface provides power	☐
(4) Comply with the antenna and transmission system requirements of § 15.203, 15.204(b) and 15.204(c).	☒ EUT meets the FCC Antenna requirement as it is provided with PIFA antenna.	☐
(5) Tested in a stand-alone configuration. Unless the transmitter module will be battery powered, it must comply with the AC line conducted requirements found in FCC § 15.207. AC or DC power lines and data input/output lines connected to the module must not contain ferrites, unless they will be marketed with the module. The length of these lines shall be the length typical of actual use or, if that length is unknown, at least 10 centimeters to insure that there is no coupling between the case of the module and supporting equipment. Any accessories, peripherals, or support equipment connected to the module during testing shall be unmodified and commercially available.	☐	☒ The BT module is tested while installed within end-product. Refer to test setup photos.

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(6) Equipped with either a permanently affixed label or must be capable of electronically displaying its FCC ID. If the FCC ID is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module.	☒ End-product label states: Contain FCC ID: ACJ-SC-HTB8	☐
(7) Comply with any specific rules or operating requirements that ordinarily apply to a complete transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements.	☒ The EUT is compliant with all applicable FCC Rules, please refer to the user manual	☐
(8) Comply with any applicable RF exposure requirements in its final configuration: The modular transmitter complies with FCC radiation exposure requirement.	☒ Yes, due to the output power and EIRP value is much lower than FCC SAR exemption threshold, this module comply with any applicable RF exposure requirement.	☐

Note: If compliance with one or more of the numbered requirements, listed above, cannot be demonstrated, it may be possible to obtain a "Limited Modular Approval" (LMA).

Sincerely,
Richard Mullen

Richard Mullen

Group Manager
Product Safety & Compliance Division