



400 McCarthy Blvd.  
Milpitas, CA 95035

[www.palmone.com](http://www.palmone.com)

To: Mr. Tim Johnson, American TCB  
From: David Waitt  
Subject: FCC ID: O8FCAGEMS  
Date: October 22, 2004

This letter addresses your compliance concerns regarding the FCC / IC application referenced above. If there are any questions or if additional information is required, please contact me at [david.waitt@palmone.com](mailto:david.waitt@palmone.com)

Regards,

A handwritten signature in dark ink, appearing to read "David Waitt".

David Waitt  
PalmOne Regulatory Engineer

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ATCB) I do not see how you obtained the powers listed on the 731. Max ERP for 800 MHz appears on page 34 of the report 31.6 dBm (871 mW). Max EIRP for 1900 MHz appears on page 27 of the report 30.1 dBm (1.023 W).

PalmOne) The 731 form has been corrected.

ATCB) Frequency tolerance appears to be 20 Hz for 800 MHz. Please correct the 731

PalmOne) The 731 has been corrected.

ATCB) Please address simultaneous TX for GSM + Bluetooth EMC results.

PalmOne) The Bluetooth transmitter was tested for radiated emissions simultaneously while the unit was transmitting on a GSM phone call. There was no noticeable difference in the emissions profile between the single Bluetooth transmitter and the two transmitters operating simultaneously

ATCB) The users manual appears to be missing the information from 15.105(b). Note that the Part 15 statement appears to start and then directly being discussing SAR accessories.

PalmOne) An editing error was made in draft of the user manual. The test will be corrected on as soon as possible in the next revision of the use manual so that the manuals include the required text.

ATCB) Please provide a Tune Up Procedure for this device.

PalmOne) There are no adjustments made to the module during the manufacturing process. Therefore there is no tuning that takes place, thus there is no procedure.

ATCB) Are parts list available for the RF module portion of the device. Please explain.

PalmOne) Yes, A Bill Of Material for the RF module has been uploaded.

ATCB) Please provide the DC voltages/currents applied into the transmitter module for normal operation over the power range.

PalmOne) approximately 3.9 VDC @ a maximum current of approximately 2.5 A

ATCB) Please provide theory of operation for the Bluetooth as previously discussed.

PalmOne) A theory of operations has been uploaded.

ATCB) For Digital Device emissions, please comment on the RBW/VBW settings used for the all tests.

PalmOne) Conducted Emissions:

150kHz to 30 MHz: QP and Avg detector on receiver with 9 kHz IF BW

Radiated Emissions

30 MHz to 1 GHz: Peak and QP detector on receiver with 120kHz IF BW

1GHz to 2 GHz: Peak and Avg detector on receiver with 1 MHz IF BW