



April 19<sup>th</sup>, 2012

Office of Engineering and Technology  
Laboratory Division  
Equipment Authorization Branch  
FCC Laboratory  
7435 Oakland Mills Road  
Columbia, MD 21046

Att: Mark Neumann

Subject: Response to FCC's Correspondence Reference Number 41586 for FCC ID: AZ489FT3828 and EA549868 dated April 17, 2012.

Dear Mark:

See below for the responses.

- 1) The schematics are identical for both devices, showing an included Bluetooth and GPS chip. However, only AZ489FT3828 includes a description of the Bluetooth operation and a separate DSS application. Does AZ489FT3825 include a Bluetooth module and, if so, has it been disabled?

Yes, FCC ID: AZ489FT3825 still has the BT and GPS chip on its main board (RF board) but the BT controller on its keypad board is removed and rendering the BT non-functional or disabled.

- 2) With one exception, the same external, internal, and test set-up photos were submitted for both devices. Please confirm if the devices are physically identical.

Yes, external photos are the same for both devices except a blue dot indicator (means with BT) on the top right of the front side of the radio.

- 3) With the exception of the conducted power line emissions, the test reports appear to be identical for both devices. Please provide the following additional information.

- a) Are the devices electrically identical?

RF boards are identical in both BT and non-BT models. The only difference is in the keypad board, expanded keypad for BT model and basic keypad for non-BT model. For non BT models, BT+GPS combo chip still resides on RF board, but the BT controller on keypad board does not exist, effectively rendering BT non-functional. Therefore they are not electrically identical.

For BT models, BT+GPS combo chip and BT the controller exist.

If yes, how is the Bluetooth disabled on AZ489FT3825?

BT is already disabled (crippled) in HW configuration.

- b) If no, on which device was the tests performed, AZ489FT3825 or AZ489FT3828?

We tested both types of radios.

c) Do both devices have GPS?

Yes.

d) Where are the Bluetooth antennas located and are they included in both devices?

The BT antenna is located between the speaker grille and PTT button area. It existed in both BT and non-BT models, but non-functional in non-BT model.

Sincerely,



Mike Ramnath (signed above)

Manager, Regulatory Compliance

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