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15 January, 2009

Timco Engineering  
849 NW State Road 45  
Newberry, FL 32669.

Ref: FCC ID: BBOCX800

Dear Sirs:

Cobra Electronics Corporation requests a declaration of continued compliance for changes made to the transmitter power output stage of FRS/GMRS transceivers previously certified under FCC identifier BBOCX800. Because these changes potentially impact the level of spurious outputs from the transmitter, we submit this as a Class II change under the provisions of 47 CFR 2.1043.

The following changes have been made to the subject transceiver to improve survival of the transmitter power output device to electrostatic discharge (ESD) events.

- 1) Add (1) low capacitance bidirectional ESD protection diode, Philips part number PESD15VL1BA from the drain terminal of the transmitter output device to ground.
- 2) Add (1) metal shield over the transmitter power output stage.
- 3) Remove one turn from the integral normal mode helix antenna.

The following supporting documents in electronic file formats accompany this request.

- 1) File <PESDXL1BA.pdf> is the data sheet from Philips for the ESD protection diode
- 2) File <BBOCX800 ESD mod.jpg> is a composite photograph showing the location of the added ESD diode and the added metal shield.
- 3) File <BBOCX800 Revised schematic diagram.jpg> is a partial schematic diagram for the subject transceiver showing the location of the added ESD diode.

Samples have been provided to Timco Engineering for measurement of transmitter spurious outputs. Data from these measurements confirms that, although increased from the original submission of the subject transceiver, the spurious outputs remain within FCC specification limits.

Sincerely,

*Robert Mudra*

Robert Mudra  
Engineering Manager  
Cobra Electronics Corporation