



6500 West Cortland Street • Chicago, Illinois 60707 • 773-889-8870 • Fax: 773-794-1930

29 January, 2009

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

Ref: FCC ID: BBOCX900

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 BBOCX900. 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.

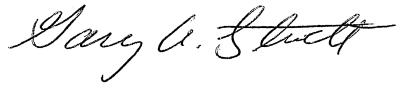
- 1) Add (1) low capacitance bidirectional ESD protection diode, Philips part number PESD12VL1BA from the drain terminal power supply of the transmitter output device to ground.
- 2) Add (1) general purpose rectifier diode part number 1N4001 in series with the drain terminal power supply of the transmitter output device.

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 <BBOCX900 ESD MOD PHOTO.doc> is a composite photograph showing the location of the added ESD and general purpose rectifier diode.
- 3) File <BBOCX900 Revised schematic diagram.pdf> is a partial schematic diagram for the subject transceiver showing the location of the added ESD diode and general purpose rectifier 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,

A handwritten signature in black ink, reading "Gary A. Studt". The signature is written in a cursive style with a large, prominent initial "G".

Gary A. Studt
Senior Project Engineer
Cobra Electronics Corporation