



## Modular Approval Letter

June 28, 2011

The Device, **FCC ID: B46-CH4390**, is seeking FCC authorization as a modular transmitter. This transceiver is a complete RF module with an integral oscillator. External connections are provided for power, communications and the antenna. The EUT meets the requirement for modular approval as detailed in FCC Public Notice DA 00-1407. Compliance to each of the requirements is described below:

1. The CH43090 includes RF shielding.
2. All inputs to the CH4390 are processed by the on-board micro controller. There is no external control of the modulation.
3. The module does not include a hardware voltage regulator; however, the on-board microcontroller constantly monitors the supply voltage. If the supply voltage goes outside the specified range, the micro-controller will shut down the transmitter. When operated within the specified voltage range, this module operates within all limits set forth in FCC Part 15.
4. The CH4390 uses a  $\mu$ .FL connector and special cable to connect the Temple Star C-522 Antenna to the CH4390. This prevents the use of antenna other than the type specified. This is in accordance with Part 15.203.
5. The modular transmitter was tested in a stand-alone configuration.
6. Each module will include an FCC ID label affixed at the time of manufacture. The User Guide clearly states the labeling guidelines for the final assembly.
7. This module is compliant with Part 15.247. Installation and other requirements as presented in the user guide permit the user to be installed and operated correctly.
8. The CH4390 complies with any applicable RF exposure requirements.

Sincerely,

A handwritten signature in black ink, appearing to read "Steve Clary".

Steve Clary  
Marketing Manager  
Cermetek Microelectronics, Inc  
374 Turquoise Street  
Milpitas, CA 95035  
Phone: 408-942-2210  
Fax: 408-942-1346  
Email: sclary@cermetek.com