



June 22, 2010

Dear Application Examiner:

OEM Controls, Inc is submitting this application for the original certification of their Zigbee radio module, Model ST-5, FCC ID: YD7-ST-5XX. Limited modular approval is sought under FCC 15.247 as a DTS device.

The ST-5 was tested in the OEM Controls Model ST-900 service tracker. The Model ST-900 also contains a previously certified cellular modem (FCC ID: AU792U03G23710) and a GPS receiver. The ST-5 and the cellular modem cannot transmit at the same time. Simultaneous transmission is prevented by software control of the radios.

The ST-5 will only be used 20cm or greater from users and can be classified as a mobile device per FCC 2.1091.

The ST-900 is designed to be vehicle mounted and is therefore battery operated with no provision for connection to the AC mains either directly, or indirectly from another device. Since the ST-5 was tested in the ST-900, no AC powerline data was taken.

The radio utilizes a ½ wave dipole that is permanently mounted to the enclosure. This configuration satisfies the requirements of 47 CFR 15.203.

The technical reports and exhibits demonstrate compliance with FCC rules 47 CFR 15.247 as a DTS transmitter.

Your efforts in reviewing this application are greatly appreciated.

Best regards,

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