

May 16, 2012
PASA-12-F001
FCC ID: ACJ-GA-130-COLR

UL Compliance Certification Services
Certification Division
47173 Benicia Street
Fremont, CA 94538, USA

Re: Car Head Unit, Model GA-130-COLR-NS Series
FCC ID: ACJ-GA-130-COLR

To whom it may concern:

The following information was provided by Jason Hingerton / PASA.

This application is for system approval for an in-car entertainment system that has WiFi and Bluetooth capabilities. There are three variants marketed under model number GA-130-COLR-NS and they are the CCR, CNR and CNRR. The CCR is the base model with CD drive. The CNR version has an additional GPS receiver and the CNRR version has the GPS receiver and a DVD drive (with video outputs for rear seat video) in place of the CD drive. The Bluetooth and WiFi circuitry is identical across all three variants and testing was performed on a CNR version as representing both the most popular and also the worst-case configuration. It is Panasonic's understanding that three configurations of hardware are similar enough to be considered electrically identical in terms of the DTS and DSS devices that they can be certified under a single FCC ID. The faceplates for the system are customized for different vehicles and the external photographs show one example of faceplate. All other aspects of the enclosure are identical.

As described in the operational description the WiFi interface is built around the CSR 6026 IC. Although this IC can support 802.11n operation the device firmware implemented in the GA-130-COLR-NS does not allow for the use of 802.11n (the driver does not include 802.11n support) and only operates in the 802.11bg legacy modes.

The GA-130-COLR-NS is marketed for factory installation only and is not sold as an after-market accessory. The device is installed into the console by the automobile manufacturer, who is instructed to install the device so that the antennas are 20cm from the passenger and driver during normal/intended use and so meet rf exposure requirements. Please refer to the MPE calculation and instructional letter included with this application.

The automobile manufacturer's manual for the car entertainment system includes the appropriate FCC and Industry Canada statements. A sample manual is provided with this application.

Sincerely,

Richard Mullen

Richard Mullen
Group Manager
Product Safety & Compliance Division

Cc: Jason Hingerton / PASA