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To FCC

BABT  
Balfour House, Churchfield Road  
Wallon on Thames  
Surrey, KT12 2TD  
United Kingdom  
Telephone: +44 (0)1932 251200  
Fax: +44 (0)1932 251201  
Direct Dial: +44 (0)1932 251261  
E-mail: [Vina.Kerai@babt.com](mailto:Vina.Kerai@babt.com)  
Website: [www.babt.com](http://www.babt.com)

## Overall Assessment Letter for the Garmin International Inc. VHF200 & VHF100 Fixed Mount Class D DSC VHF Marine Radio

### FCC id: IPH-GARVHF12

I have assessed the above referenced submission and found it to be compliant. The product is a VHF marine radio which incorporates Class "D" Digital Selective Calling.

The following points were noted during the evaluation:

1. The grantee has declared compliance with the following FCC regulations:-

- Part 80.203 (b), (c) and (c)
- Part 80.207 (a), (b) and (d)
- Part 80.225 (a) and (c)

2. RF Exposure

The equipment subject to RF exposure assessment is a Fixed Mount VHF radio and was based upon the following criteria:-

- The Fixed Mount VHF radio operates in the frequency range of 156.025 MHz to 157.425 MHz, the gain of the antenna is 0dBi.
- The radio has a maximum output power of 25 Watts
- The point of investigation is calculated to be 1.41 metre with an assumed maximum antenna gain of 0 dBi

The calculations have shown that the radio meets the General and Occupational limits shown in the FCC 47 CFR § 1.1310 Guidelines.

As a result of the review, updated internal photos showing the chassis assembly were received as well as updated test set-up photos and up-issued MPE report which includes the maximum declared antenna gain and FCC ID. The agent letter was also updated to include the names of the authorised individuals and the originally supplied similarity letter was updated to include information relating to the EU variants.

I underwent the FCC Workshop RF exposure evaluation training in October 2008.

Yours sincerely

Vina Kerai  
Compliance Engineer, BABT

