

Correspondence application for CCA1200U/GCU1200U

RE: Xanavi Informatics Corporation
FCC ID: SJ21200U
Please find answers to comments below

1) Please provide a photograph of the bottom of the Bluetooth module with the label removed.
Information have been uploaded

2) The font used on the FCC label makes the ID Numbers and statements unreadable. Please use a different font and provide an updated label.
FCC label have been modified and uploaded.

3) Please justify the use of the DoC labeling information (FCC Logo). This labeling is reserved for particular approvals that do not appear to apply to this application (PC Peripheral, Stand alone RX, etc.)
FCC has been removed from the label in order to comply with FCC rules.

4) It can not easily be determined if the schematics include the Bluetooth module. If so, please explain where the schematic for the module itself is shown. Note that a schematic for the TX portion of the device is required as specified 2.1033(b)(5) for the RF section. However, if the TX portion of this device is an OEM part, as an alternative, you may provide a parts list that lists that shows that this part is provided by another manufacturer. Please provide either a schematic for the TX or parts list as specified. If a parts list is provided, please clarify if this should be covered by confidentiality.
The radio is OEM product. Due to the limitation of information provided by the manufacturer, the schematic couldn't be submitted with this application. Therefore the part list and modified letter of confidentiality have been uploaded.

5) Please explain the difference between the configurations shown in test photos 1 versus test photos 2.

Please justify how photos in 1 are relevant give there is not any case present.
Picture 1 should be removed of this application.

6) The users annual should include the following or similar (as appropriate for this device) statements:

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

•This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Comment have been added into exhibit concerning the "FCC warning statement"

7) Please note that the FCC no longer desires that the safe distance for mobile devices be calculated in the RF exposure exhibit if the safe distance is < 20 cm, but instead prefers the power density results to be calculated at 20 cm and compared to the power density limit.

The RF exposure has been modified and uploaded.

8) The 731 form shows 75 mW, while the test report shows 0.75 mW. Which is correct?
731 has been modified and uploaded , the correct value is 0.75 mW.

9) The RF exposure exhibit shows 0.8 dBi gain, while the test report states 9.53 dBi. What is the correct gain. Please correct the test report and/or RF exposure exhibit as necessary.

9.53dBi refer to the receiving antenna for the EIRP. The comments have been modified on the test report and uploaded.

10) Please explain the data on page 51 & 54. All data points appear to be 0.
Noise was found 20 dB below the limit during the testing, comments have been added into the test report, refer to test report.

11) FYI.....Peak power density requires a sweep time $> (\text{Span}/3 \text{ kHz})$. This was not appropriately tested. However, given that the output power itself is $<$ than the 8 dBm limit, retesting is not necessary.

12) FYI.....For average emissions on Bluetooth devices, please note that you can take the peak reading and correct by the worse case duty factor per TX frequency. This should be a greater than 20 dB correction factor.