



ROGERS LABS, INC.

4405 West 259th Terrace
Louisburg, KS 66053
Phone / Fax (913) 837-3214

December 8, 2005

Timco Engineering Inc.
849 NW State Road 45
Newberry, FL 32669

Federal Communications Commission
Equipment Approval Services
P.O. Box 35815
Pittsburgh, PA 15251-3315

Applicant: Hopkins Manufacturing Corporation
428 Peyton
Emporia, KS 66801

CORES number: 0013-8572-71

Equipment: FCC ID: TJJ-BB002

FCC Rules: Part 2 and 15.247, modular transmitter

RE: Job 2396UC5 request for additional information response

Gentlemen:

This letter is response to the request for additional information for the above referenced submittal. Please find below a copy of the request with responses.

1. The label sample and location exhibit shows that the FCC ID will be screened onto the PCB, but the 2-part statement is only provided as "additional label information". Where is the 2-part statement going to be placed? Due to the size of the device, the manual may be appropriate, in which case a revised manual with the 2-part statement would be required.
2. The modular approval letter indicates that labeling instructions for the end product would be included in the manual; however there appear to be no such instructions. Please revise the manual and resubmit.
3. Test setup photos: The device is shown integrated into hosts. The modular approval letter states that the device was tested in a stand-alone configuration. Please explain.
4. 2.1033 (b) - Block diagram: Please include frequency of oscillators and frequency generated and/or used in this device. Please indicate location of antenna.
5. Please revise report to list ANSI C63.4 2003 and not 1992.
6. Radiated data – page 14/29(pdf): Please indicate if the device was tested at three places in the band as required per part 15.31(m).
7. Radiated data – page 14/29(pdf): Please indicate whether the emissions reported are Peak or Average. FYI - Compliance with part 15.35(b) is required as well.
8. Form 731: Please calculate the power (conducted or EIRP) based on the field strength measurement data. Provide the maximum value measured at three places in the band.
9. 20dB bandwidth: This measurement appears wrong. The bandwidth should be less than 150kHz according to the upper curve was taken at 10kHz. Please retake a plot. The Average time of occupancy (dwell time) should be revised if $20\text{dB BW} < 250\text{kHz}$. The calculation would be required over a period of 20s.

10. Page 24/29: Please explain this table compared with the table on page 14/29.
11. Page 24/29: Please indicate whether the emissions reported are Peak or Average. FYI - Compliance with part 15.35(b) is required as well.

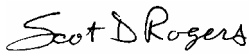
Response:

1. The FCC ID will be screened onto the PCB. The labeling (including the 2 part statements) will also be attached to outside of each device in which this module is incorporated.
2. The manufacturer is the sole user of the transmitter module and understands the modular labeling requirements.
3. Test setup photographs of the transmitter module have been added to the test setup photographs.
4. A revised block diagram has been added to the application submittal.
5. The type error has been corrected.
6. The unit was tested at three frequencies in the operational range as shown in the test report.
7. The unit complies with both peak and average emissions requirements as demonstrated in the test report.
8. The transmitter power has been added to the 731 form.
9. The occupied bandwidth has been measured and added to the test report (Hopkins BB002 Test Report.pdf file).
10. The tables may contain duplicate data reported parts of which are recorded for each different paragraphs of CFR 47 part 15c.
11. Peak and average measurements were performed on the EUT with worst-case data reported in the test report.

Should you require any further information, please contact the undersigned.

Thank you for your consideration in this matter.

Sincerely,



Scot Rogers
Rogers Labs, Inc.
Enclosures