

Compliance Certification Services
561F Monterey Road
Morgan Hill CA 95037

18 July 2003

Attention: Mike Kuo

Re: Class 2 permissive change application: 1) Request for confidentiality
2) Description of changes

Applicant: PointRed Technologies Inc.
Description: MMDS CPE outdoor radio unit
FCC ID: **QDU-MCRD-CPE-2R5**

Dear Mike,

Request for Confidentiality

Pointred Technologies requests the following documents be kept from public view, per the conditions described in section 0.459 of the Rules:

Schematic
Bill of materials

Reason for this request: Disclosure of this information could assist other companies in developing a similar product, giving them an unfair competitive advantage over Pointred.

Description of changes

The following changes were made:

a) Housing and cover changed from machined to die cast construction for cost reduction.

b) Ceramic bandpass filters were changed from Murata manufacture to NTK manufacture, NTK P/N MFE2593CCF21 for cost reduction. Filter rejection characteristics were studied for the frequency ranges of interest to be sure that conducted and radiated emissions would remain within performance of previous units.

c) Absorbing material with adhesive backing is purchased from Emerson Cumming, P/N LS-26/SS-3 1/8 inch thick, in sheets 24 inch x 24 inch. The

material is cut to size of 1 inch x 2 inch as shown on PointRed Technology drawing number 00-0050 Rev2. The required pieces (Item 18 on Bill Of Materials 10-0002 Rev3) are then mounted to the transceiver board and cover as shown on PointRed Technology drawing number 10-0037 Rev2 to the dimensions shown on that drawing, sheets 1 and 3. The cover is then installed on the housing to complete the assembly. All referenced drawings are attached in pdf format.

Modified Schematic: The schematic of the transceiver pwba is attached in pdf format. It has the changes highlighted and annotated. The changes are as follows: F1, F2, F3, and F4 ceramic filters have been changed from Murata manufacture to NTK manufacture, NTK P/N MFE2593CCF21. Please refer to sheet 1, sheet 6 and sheet 7 for the annotations.

The referenced documents are submitted in support of the class 2 permissive change, along with a test report and photographs of the product.

If you have questions or need further information, please contact me at your earliest convenience.

Sincerely,

THOMAS N COKENIAS
Agent for Pointred Technologies