



Frank Coperich  
Federal Communications Commission  
Equipment Approval Services  
Washington, D.C. 20554

February 18, 2000

Subject: Response to Correspondence

Attachment:      1. FCC revised label drawing  
                         2. RF Energy Attestation statement  
                         3. RF Energy Exposure Assessment Record for CPE Roof Unit  
                         RTU2000-28-2

Correspondence Reference Number: 12212  
731 Confirmation Number:            EA95653

This letter address questions submitted in the referenced correspondence. The response is by numerical order as addressed in the request.

I have attached test data taken by the Motorola, Hayden EMC Lab. This test data was taken on a representative equipment that will be deployed once the certification is approved by the FCC. In addition, please note the calculated exposure results in exhibit 11, submitted to the Equipment Approval Services office on 19 October 1999. The calculations in Exhibit 11 were made using OET Bulletin 65 as a guide. Both of these documents state that the CPE roof unit does not emit RF in excess of the limits stated in FCC or IEEE standards.

Note that in table 1 of 47 CFR 101, paragraph 1.1307, the LMDS requirement for a warning label is for an EIRP greater than 1640 watts for building mounted antennas. Exhibit 10 in the original application gives instructions for roof top mounting of the CPE Roof Top Unit on buildings. The CPE roof unit has an input power to the antenna terminals of 23 dBm and with an antenna gain of 38 dBi, the total EIRP is 58 dBm or 1259 watts. That power level is 382 watts lower than the minimum EIRP required for a warning label.

Although the quantifiable data does not support the requirements for addition of a warning label, Spectrapoint Wireless is very sensitive to, and concerned for the safety of personnel that could be exposed to any form of harmful RF radiation. For that reason, we will place a warning label on all intentional radiator products. The attached label thus, conforms to the FCC "suggested" label wording with a separation distance that is more than adequate for proper safety in an uncontrolled environment.

Respectively submitted:

A handwritten signature in black ink, reading "J. M. Grizzaffi".

**Mike Grizzaffi, Agency Test Manager**

A handwritten signature in black ink, reading "Bob D. Melvin".

**Bob Melvin, General Council**