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January 4, 1998

Federal Communications Commission
Authorization and Evaluation Division
Laboratory Division
7435 Oakland Mills Road
Columbia, MD 21046

RE: FCC Part 15 Application for Permissive Change (FCC ID: **HDCTRACER2T1**)

Dear Sir or Madam:

Enclosed please find the above-referenced Application. This application is filed based on minor modifications to the enclosure and other modifications to the RF transmit section of the existing product.

The following modifications were made to the transmitter section of the EUT. The enclosure was modified. The enclosure maintains the same overall appearance of the original rack mount enclosure. Small modifications were made to the overall width to allow the device to accommodate various rack mount situations. All internal circuits are still contained in a sealed, milled aluminum housings that did not change.

The modifications to the RF filter section are as follows. The Circulator (Adtran PN 3216S245CCW) and Filter section (Adtran PN 321624212462) have been replaced with a Diplexer (Adtran PN 3354DIPLEX02A). The removal of the filter/circulator and replacement with a diplexer with additional filtering poles improved the overall system performance reduced emissions even further in the FCC restricted bands.

These modifications have been made to improve the FCC compliance of the existing product as well as the operational performance.

Regards,

Jeff Whitmire
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