

July 19, 1999

The purpose of this document is to describe the differences between the units submitted for FCC testing on February 10-18, 1999 versus the units submitted for testing on July 13-16.

Changes:

- The enclosure was changed to eliminate the need for it to be opened in the field. The unit is still intended for professionally installation only, but all configuration and installation related activities can now be conducted without opening the enclosure.
- The radio section was modified to improve manufacturability by minimizing factory adjustments. The form factor of the radio board was changed to adapt to the new enclosure design.

RF filtering was improved to reduce undesired emissions. The modulator was improved to reduce undesired in-band responses.

- The form factor of the digital board was changed to adapt to the new enclosure design.
- The power supply section was changed to a more integrated solution which has the benefit of reducing undesired conducted emissions.

In summary:

While the physical changes are quite extensive, the overall electrical changes were relatively small. Each change has resulted in the unit meeting or exceeding previous electrical performance, which from a compliance point of view, allows the unit additional margin.