



P A R K A I R E L E C T R O N I C S

3 May, 2001

Mr. Frank Coperich.
Federal Communication Commission
Equipment Authorization Division
Applications Processing Branch
7435 Oakland Mills Road,
Columbia.
MD 21046

REF: C8L5525-D8
731 Confirmation Number EA95592

Dear Mr. Coperich,

Thank you for your e-mail regarding our application. In answer to your two questions:

1. Please find attached a copy of the spectrum plot using D8PSK mode, showing compliance with the emissions mask.
2. With regards to the emission designators the 13k0 remains the same as the original application. The requirement is for administrative purposes due to international use and was originally granted based on discussions between your-self and Mr. Neat at ARINC's Frequency Management service. I am sending a copy of our calculation together with a copy of the e-mail from ARINC giving the background to the requirement.

For mode 2 operation the 14k0 designator is taken from the RTCA/DO-224 document entitled "*Signal-in-Space Minimum Aviation System Performance Standards (MASPS) Advanced VHF Digital Data Communications Including Capability with Digital Voice Technique*" .(page 14). This document specified the 14k0 emission designator for Mode 2 operation (D8PSK).

Yours sincerely,

A. Horsfield.
EMC and Approvals.

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