

From: Jake Schaffner

To: John Kennedy

Date: August 08, 2003

Subject:

FCC File #: 0063-EX-PL-2003

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Message:

John Kennedy,

In response to the questions concerning FCC File #: 0063-EX-PL-2003. The satellite's transmitting antenna is a dipole, ground coverage antenna. The earth station antenna will have a full 360-degree azimuth and 5 to 90 degree elevation range.

Chris Day