

-----Original Message-----

From: Robert.Mansbach@Intelsat.com [mailto:Robert.Mansbach@Intelsat.com]

Sent: Friday, August 22, 2003 11:33 AM

To: Sylvia Lam

Subject: E030071

Intelsat LLC hereby certifies with regard to the operation of its Hagerstown, Maryland E030071 earth station:

For the frequency band of 3625-3700 MHz band:

Intelsat LLC has completed an EMC analysis according to US245, based on the NTIA TR-99-361 Report, *Technical Characteristics of Radiolocation Systems operating in the 3.1-3.7 GHz Band and Procedures for assessing EMC with Fixed Earth Station Receivers* (available at `EMACROBUTTON HtmlResAnchor` <http://www.ntia.doc.gov/osmhome/reports.html>). It has determined the potential for unacceptable interference that may be caused to its receiving earth station and that it agrees to accept such interference. Furthermore, it is aware that use of a RF filter ahead of the low noise amplifier (LNA) would limit potential out-of-band interference to the receiving earth station.

For the frequency band of 5850-5925 MHz band:

Intelsat LLC is aware of the co-primary Federal Government radiolocation allocation in the 5850-5925 MHz band in the U.S. and Possessions; that it is aware of the potential electromagnetic compatibility issues in the frequency band, (SeeRef, e.g., NTIA Report Federal Radar Spectrum Requirements, (<http://www.ntia.doc.gov/osmhome/reports/ntia00-40/ntia00-40.pdf>), NTIA Report 83-115, *Spectrum Resource Assessment in the 5650-5925 MHz Band* (http://www.fcc.gov/ib/srd/fedreg_ntiareport.html), and FCC Fifth Notice of Inquiry in Preparation for a General World Administrative Conference in 1979 (Docket No. 20271; FCC 77-349) ... 1979); and that it agrees to accept this potential for unacceptable interference that may be caused to its communication links by radiolocation systems, including high-powered land-based transportable and shipborne radar transmitters operating in the frequency band in accordance with footnote G2, to the receiving space station with which the earth station proposes to communicate.