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July 17, 2019

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Re: Request for Authorization of Ku-band Transportable Earth Stations
File No. SES-LIC-20190612-00770

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein supplements its above referenced request for authorization. Specifically, Intelsat is requesting that the answer to Schedule B, Question E15: “[I]f the proposed antenna operates in the Fixed Satellite Service with geostationary satellites, do the proposed antenna comply with the antenna gain patters specified in Section 25.209(a) and (b) as demonstrated by the manufacturer’s qualification measurement? ...” be corrected to reflect an answer of NO. To further support this change Intelsat herein provides a supporting technical showing.

Please direct any further questions regarding this supplement to the undersigned at (703) 559-6949.

/s/ Cynthia J. Grady

Cynthia J. Grady
Senior Counsel
Intelsat US LLC

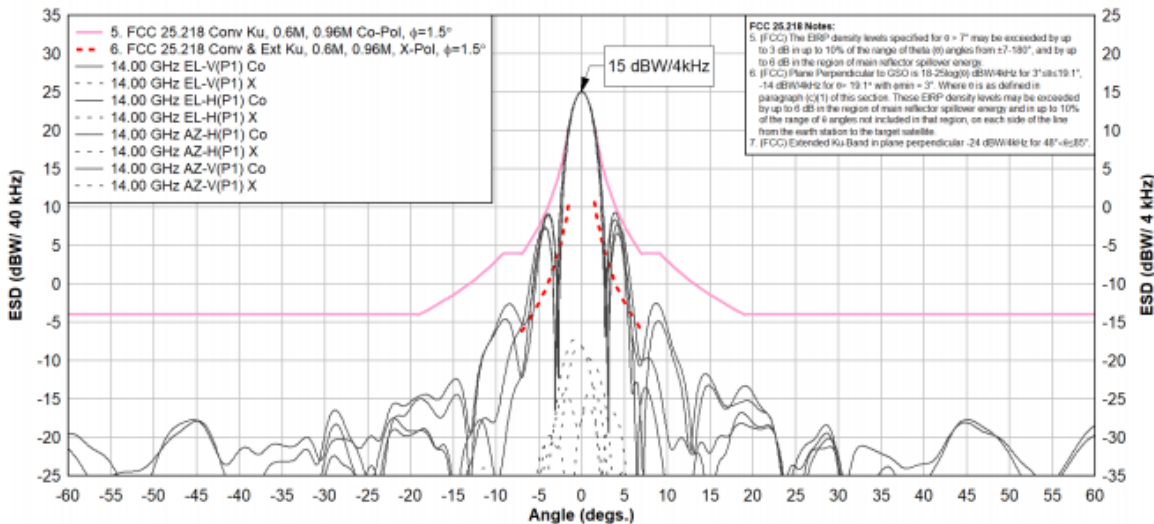
cc: Paul Blais

Exhibit C

L3, the manufacturer of the 60cm and 96cm Panther II antennas, has confirmed that these antennas do not conform to the FCC 25.209 side-lobe standard due to the broad nature of their main beam, which is a characteristic of all antennas in this size category, instead, these antennas, as demonstrated below, are in compliance with the requirement of FCC 25.218, as noted in FCC 25.209.

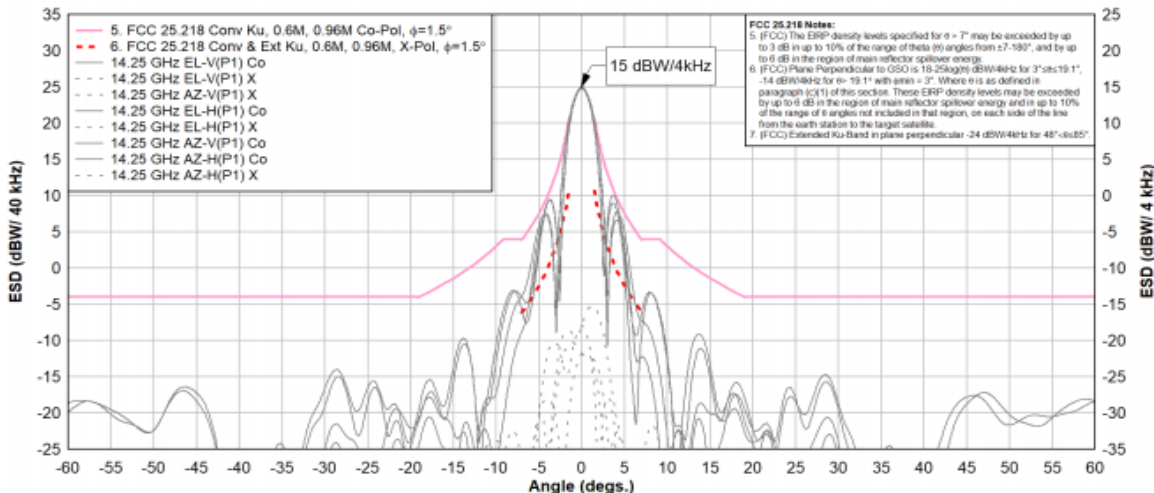
Below, are the off-axis EIRP density patterns for the 60cm and 96cm Ku-Band Panther II antennas. These patterns show compliance with FCC 25.218, given a 15 dBw/4kHz and 19.6 dBw/4kHz on-axis EIRP density, respectively.

60cm PII Ku-Band Transmit EIRP Spectral Density



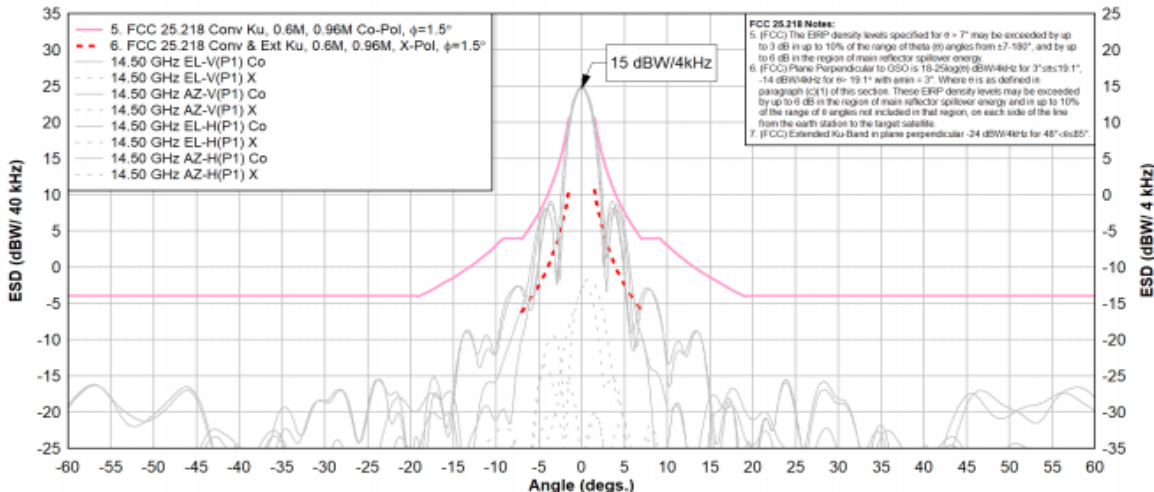
60cm Panther II On-Axis ESD max. (f = 14.0 GHz), FCC 25.218 Conventional Ku

60cm PII Ku-Band Transmit EIRP Spectral Density



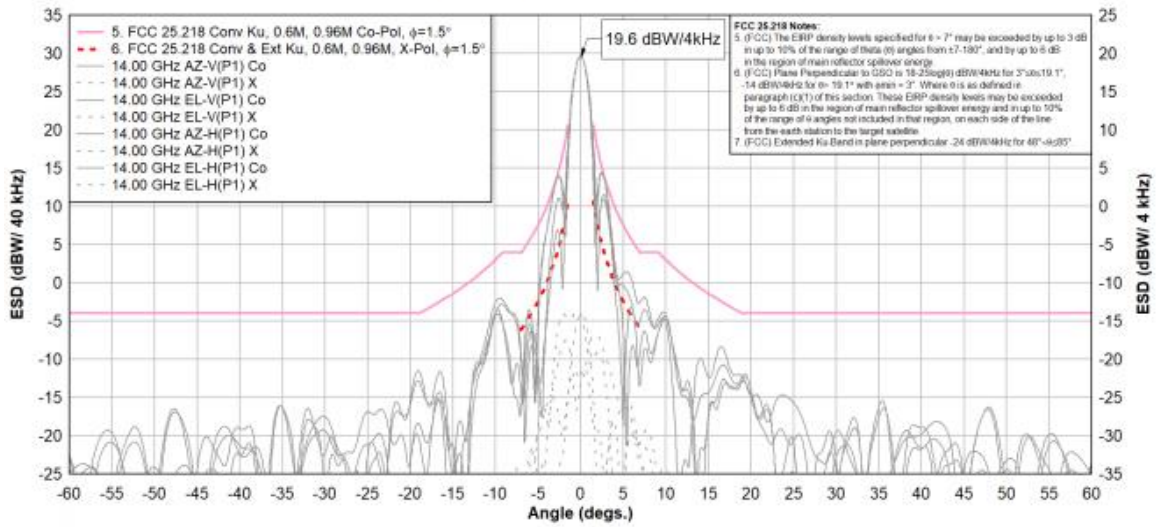
60cm Panther II On-Axis ESD max. (f = 14.25 GHz), FCC 25.218 Conventional Ku

60cm PII Ku-Band Transmit EIRP Spectral Density

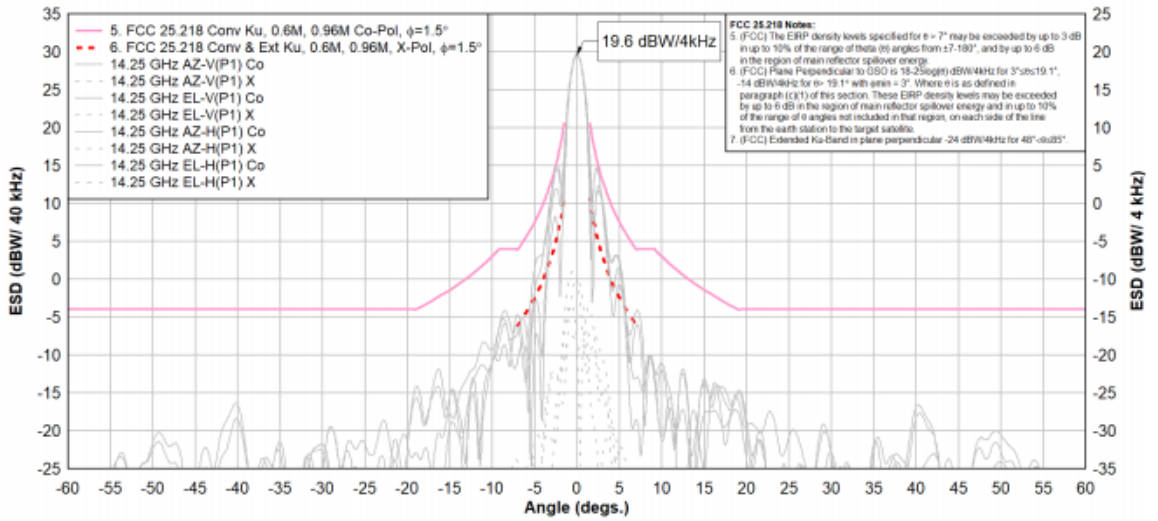


60cm Panther II On-Axis ESD max. (f = 14.5 GHz), FCC 25.218 Conventional Ku

96cm PII Ku-Band Transmit EIRP Spectral Density

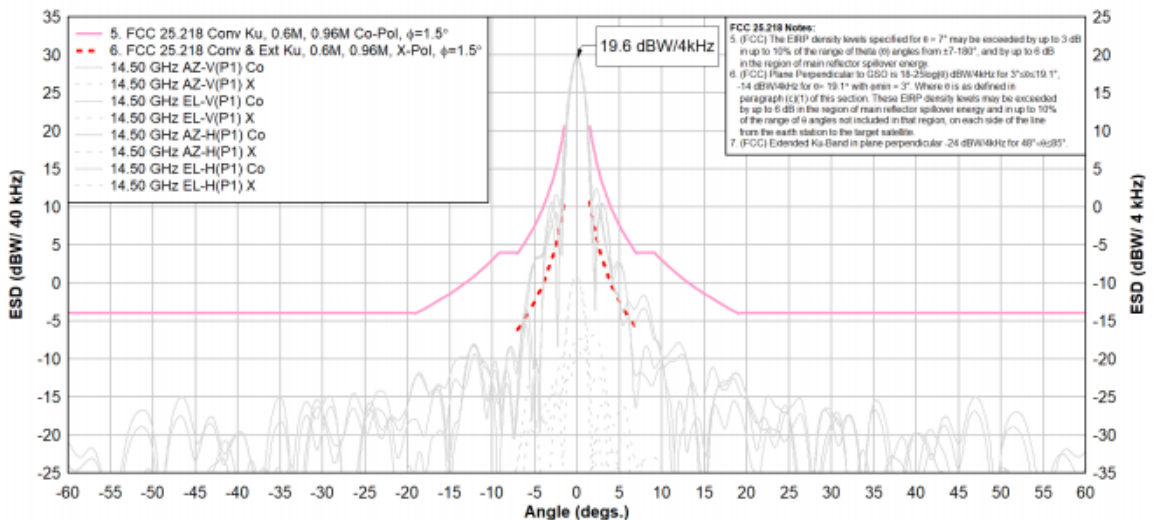


96cm Panther II On-Axis ESD max. (f = 14.0 GHz), FCC 25.218 Conventional Ku
96cm PII Ku-Band Transmit EIRP Spectral Density



96cm Panther II On-Axis ESD max. (f = 14.25 GHz), FCC 25.218 Conventional Ku

96cm PII Ku-Band Transmit EIRP Spectral Density



96cm Panther II On-Axis ESD max. (f = 14.50 GHz), FCC 25.218 Conventional Ku