

**Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554**

In the Matter of)	
)	
SES AMERICOM, INC.)	File No. SAT-MOD-_____
)	Call Sign S2347
Fleet Management Notice to Modify AMC-6)	
Fixed-Satellite Space Station License)	

FLEET MANAGEMENT NOTICE OF SES AMERICOM, INC.

SES Americom, Inc. (“SES”) respectfully submits this notification pursuant to the Commission’s fleet management procedures to modify the AMC-6 fixed-satellite space station license to relocate the satellite from 72° W.L. to 67° W.L. A completed FCC Form 312 is attached. In addition, SES is providing below a certification in support of this notification as required by Section 25.118(e) of the Commission’s rules, 47 C.F.R. § 25.118(e).

BACKGROUND

SES currently operates the AMC-6 satellite in the conventional C- and Ku-bands and the extended Ku-band at 72° W.L.¹ SES operates the AMC-3 and AMC-4 satellites at 67° W.L. AMC-3 operates in the conventional Ku-band,² and AMC-4 operates in the conventional and extended Ku-bands.³ Both satellites also have conventional C-band payloads, but use C-band capacity only for telemetry, tracking and control (“TT&C”) at 67° W.L.

¹ SES Americom, Inc. (Call Sign S2347), File No. SAT-MOD-20150820-00059, granted Nov. 5, 2015.

² SES Americom, Inc. (Call Sign S2162), File No. SAT-MOD-20120629-00109, granted Oct. 18, 2012.

³ SES Americom, Inc. (Call Sign S2135), File No. SAT-MOD-20140606-00059, granted Sept. 23, 2014.

SES proposes to relocate AMC-6 to 67° W.L., where it will operate within the technical parameters currently licensed and coordinated for AMC-3 and AMC-4. SES will transfer traffic from AMC-3 to AMC-6 and then relocate AMC-3 to 72° W.L.⁴ SES will then operate AMC-4 and AMC-6 at the 67° W.L. orbital location. Coverage contours for AMC-6 at the new orbital location are provided in Attachment 1. Swapping the AMC-6 and AMC-3 satellites will allow SES to better respond to customer requirements at both 67° W.L. and 72° W.L. and to manage its fleet more efficiently.

CERTIFICATION OF COMPLIANCE WITH SECTION 25.118(e)

SES hereby certifies that this fleet management notice complies with the requirements of Section 25.118(e), as indicated below:

- (1) AMC-6 will be relocated to 67.0° W.L., an orbital location assigned to SES Americom, Inc.
- (2) After relocation, AMC-6 will be operated within the technical parameters authorized and coordinated for the AMC-3 and AMC-4 spacecraft at 67° W.L.
- (3) SES certifies that it will operate AMC-6 at 67° W.L. in compliance with all of the conditions currently imposed on the operation of AMC-4 at the same orbital location.
- (4) SES certifies that it will limit operations of AMC-6 to TT&C functions during the relocation and satellite drift transition period.
- (5) SES Americom certifies that
 - (i) It has assessed and limited the probability of AMC-6 becoming a source of debris as a result of collisions with large debris or other operational satellites at 67° W.L.⁵ and
 - (ii) The proposed station-keeping volume of AMC-6 following relocation will not overlap a station-keeping volume reasonably expected to be occupied by any non-SES satellite, including those authorized by the Commission, applied for and pending before the

⁴ SES will submit a separate fleet management notice for the proposed relocation of AMC-3 to 72° W.L.

⁵ SES Americom, Inc., File No. SAT-MOD-20050819-00163, Technical Appendix at 6-7, filed Aug. 19, 2005 (describing orbital debris mitigation plan for AMC-6).

Commission, or otherwise the subject of an ITU filing and either in orbit or progressing towards launch. SES will internally manage the collocation of its satellites at this location.

(6) SES certifies that the relocation of AMC-6 will not result in a lapse of service for any current customer.

(7) Not applicable.

(8) Not applicable.

* * *

Pursuant to the Commission's fleet management policies and as described herein, SES notifies the Commission that it intends to relocate AMC-6 from 72° W.L. to 67° W.L. commencing no earlier than 30 days following submission of this notification.

Respectfully submitted,

SES Americom, Inc.

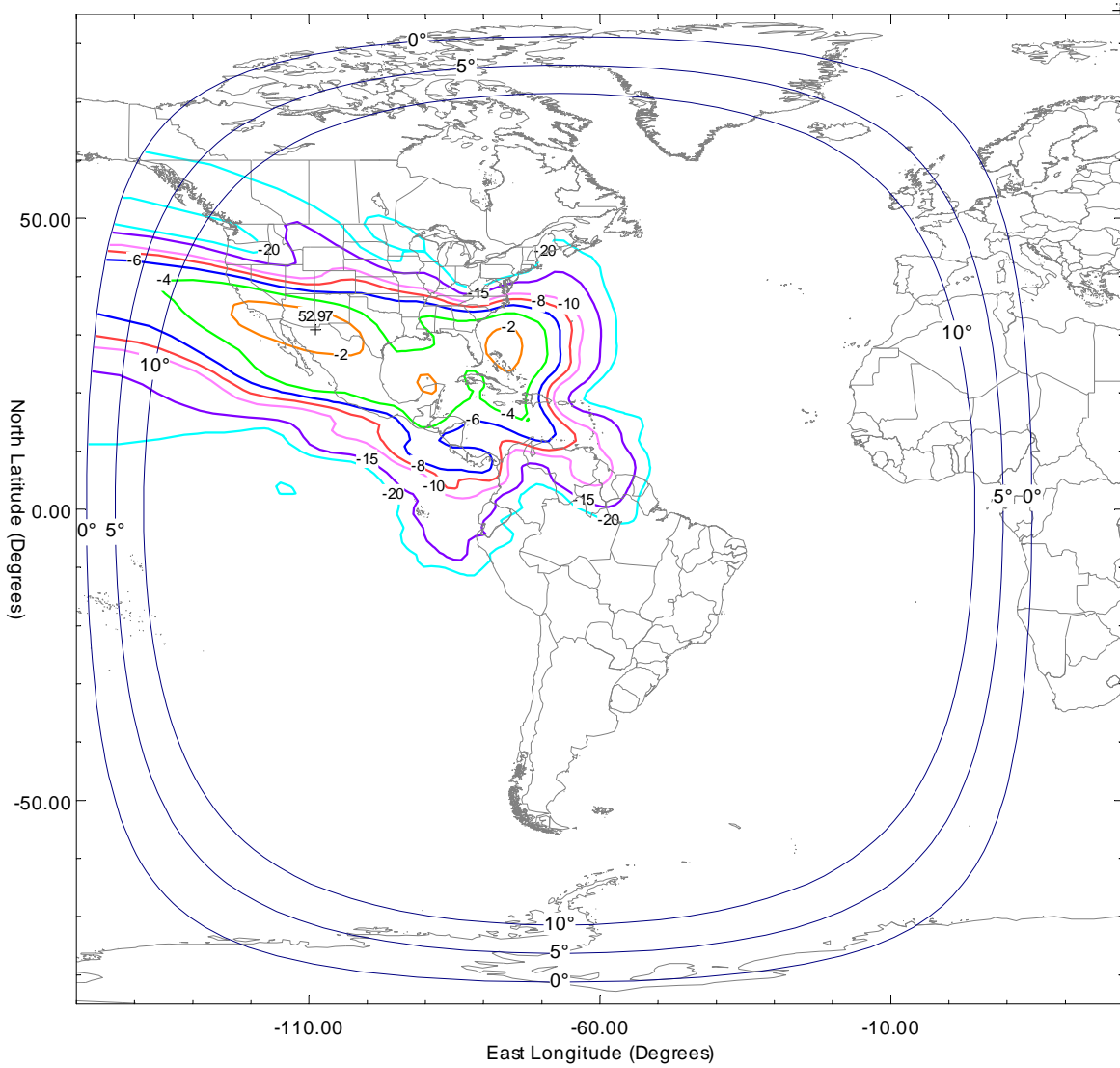
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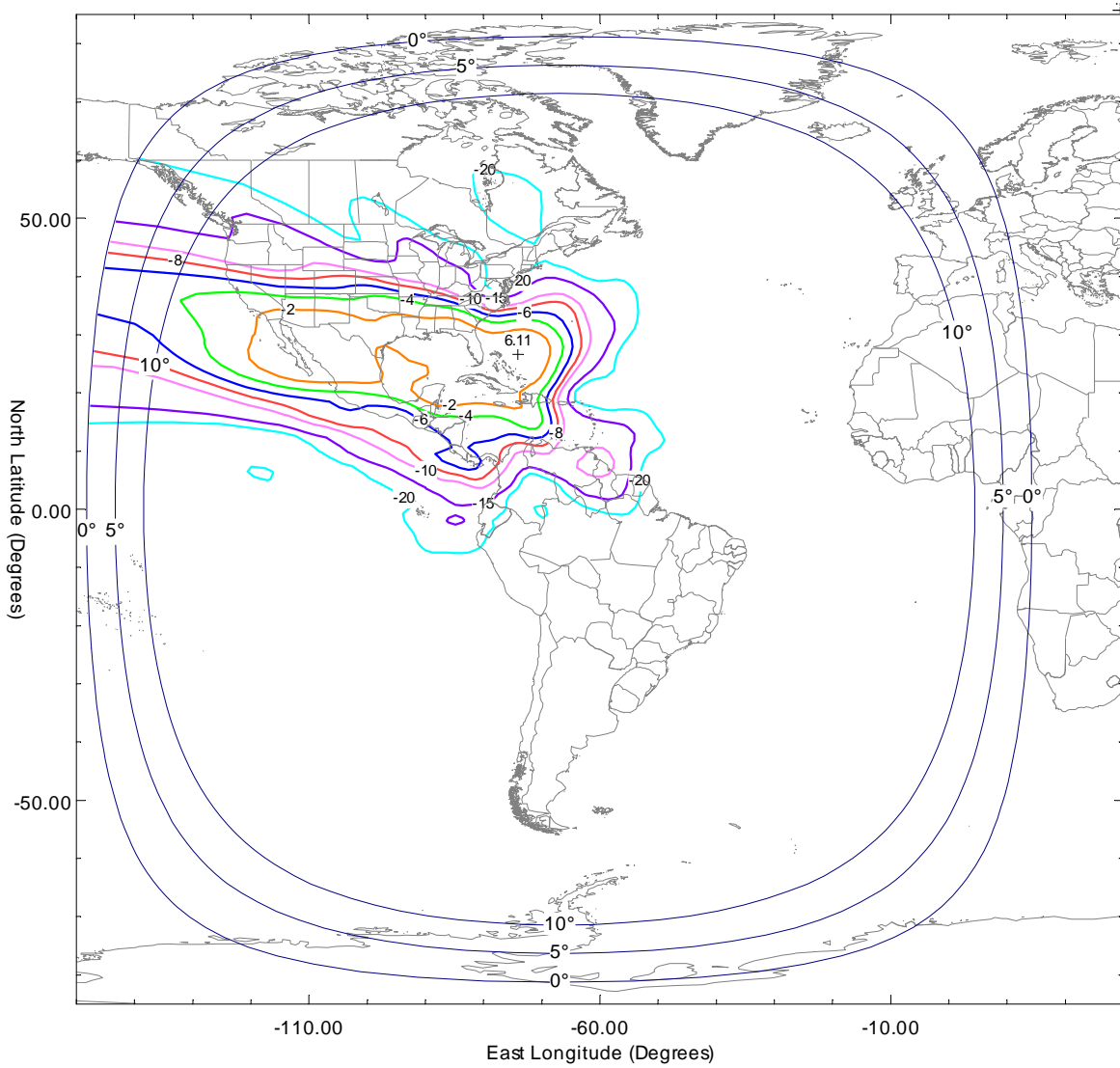
October 14, 2016

ATTACHMENT 1

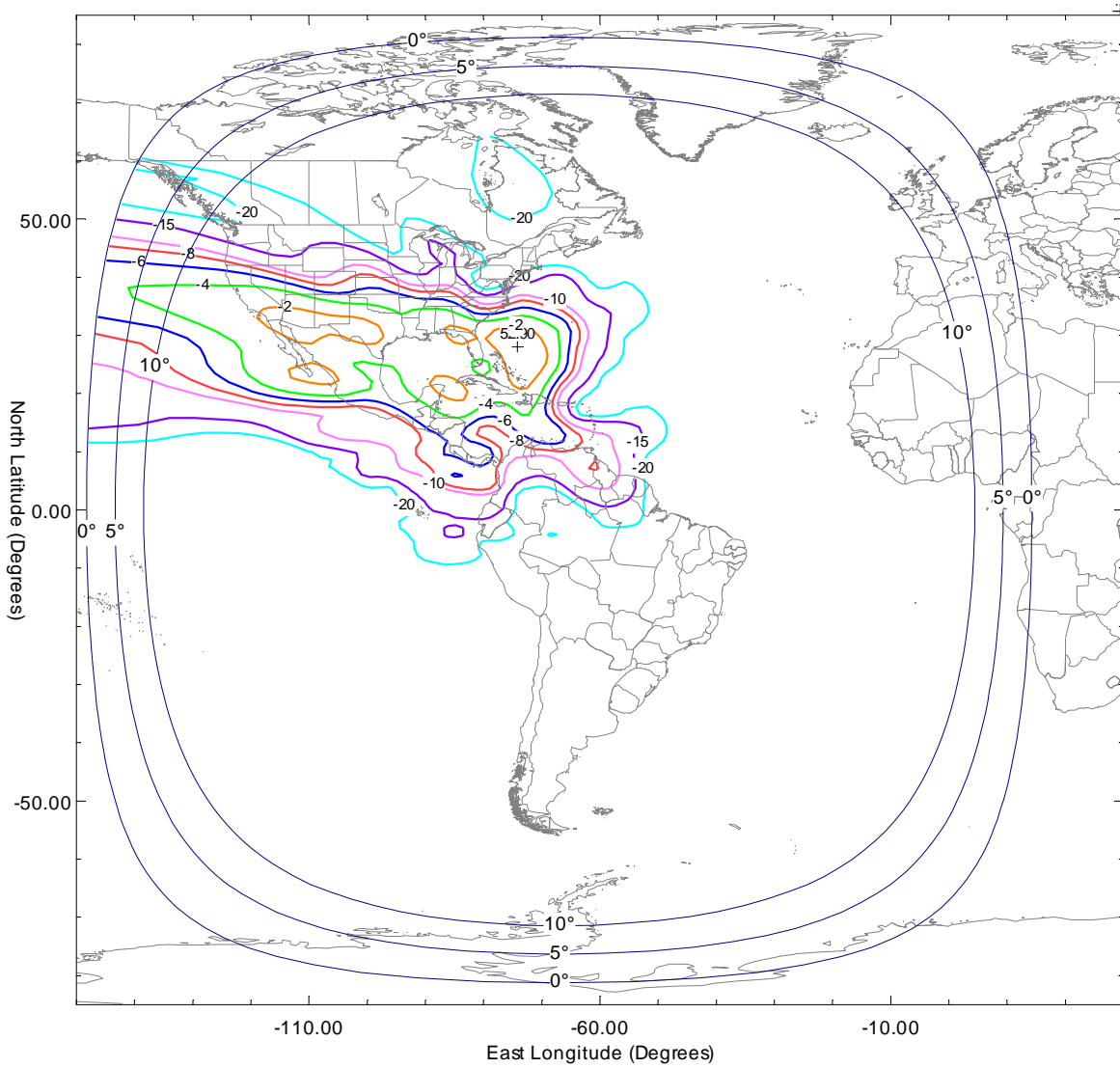
AMC-6 at 67° W.L.
Ku-Band Transponder 12N
Center Frequency 11940 MHz
EIRP Contour (dB from peak)
H-Polarization Downlink



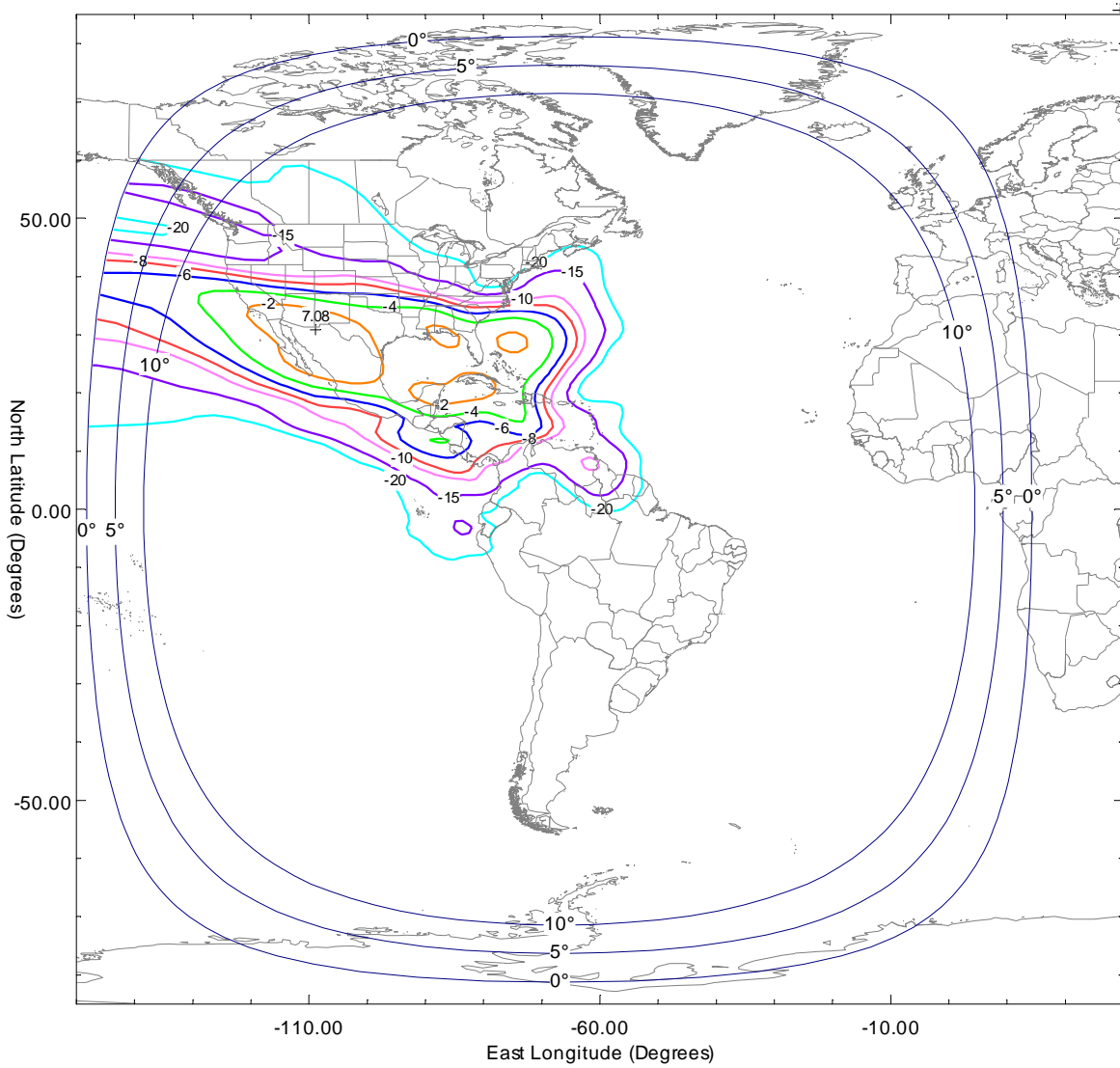
AMC-6 at 67° W.L.
Ku-Band Transponder 12N
Center Frequency 14240 MHz
G/T Contour (dB from peak)
V-Polarization Uplink



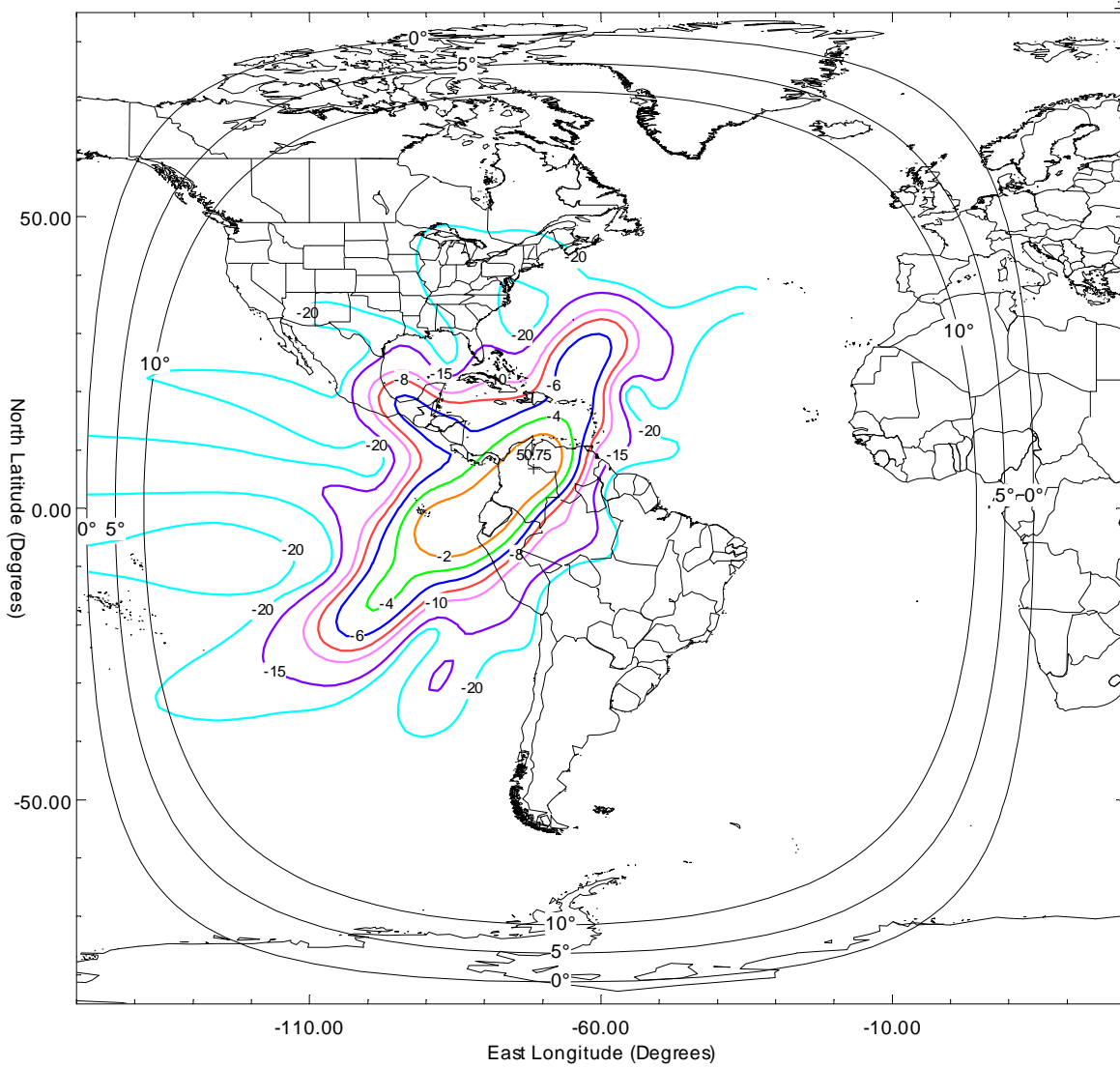
AMC-6 at 67° W.L.
Ku-Band Transponder 13N
Center Frequency 11960 MHz
EIRP Contour (dB from peak)
V-Polarization Downlink



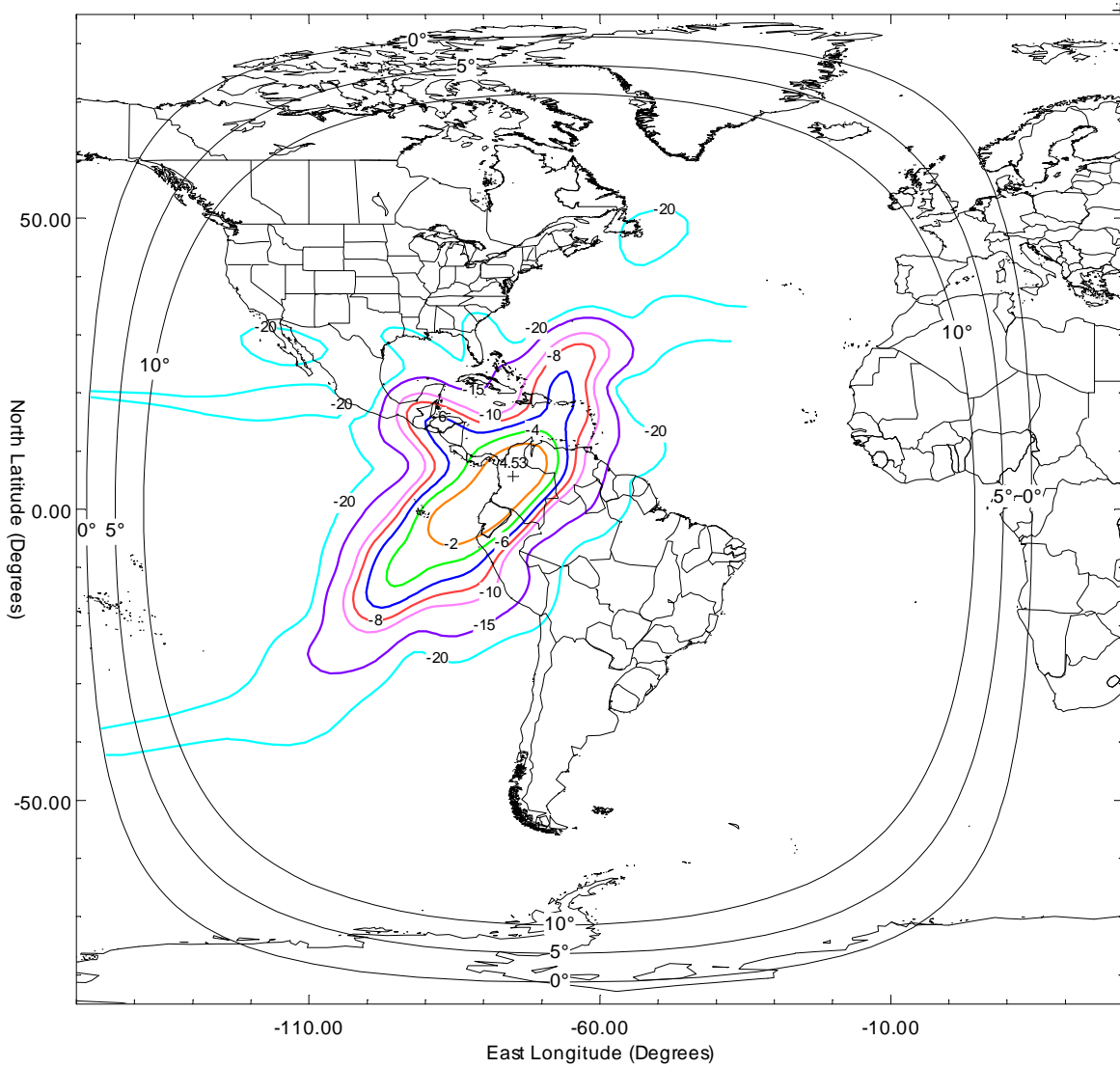
AMC-6 at 67° W.L.
Ku-Band Transponder 13N
Center Frequency 14260 MHz
G/T Contour (dB from peak)
H-Polarization Uplink



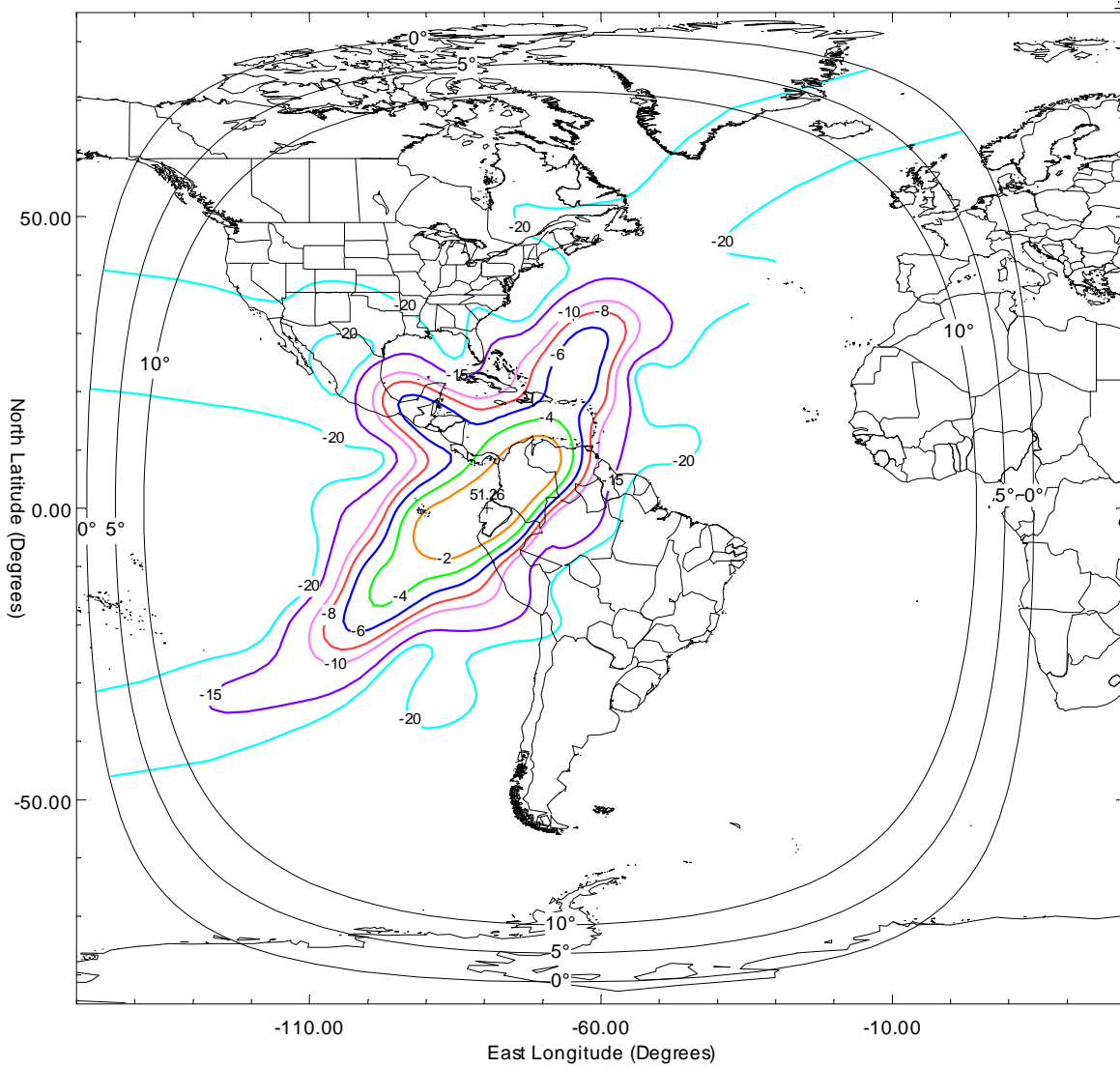
AMC-6 at 67° W.L.
Ku-Band Transponder 12S
Center Frequency 11940 MHz
EIRP Contour (dB from peak)
H-Polarization Downlink



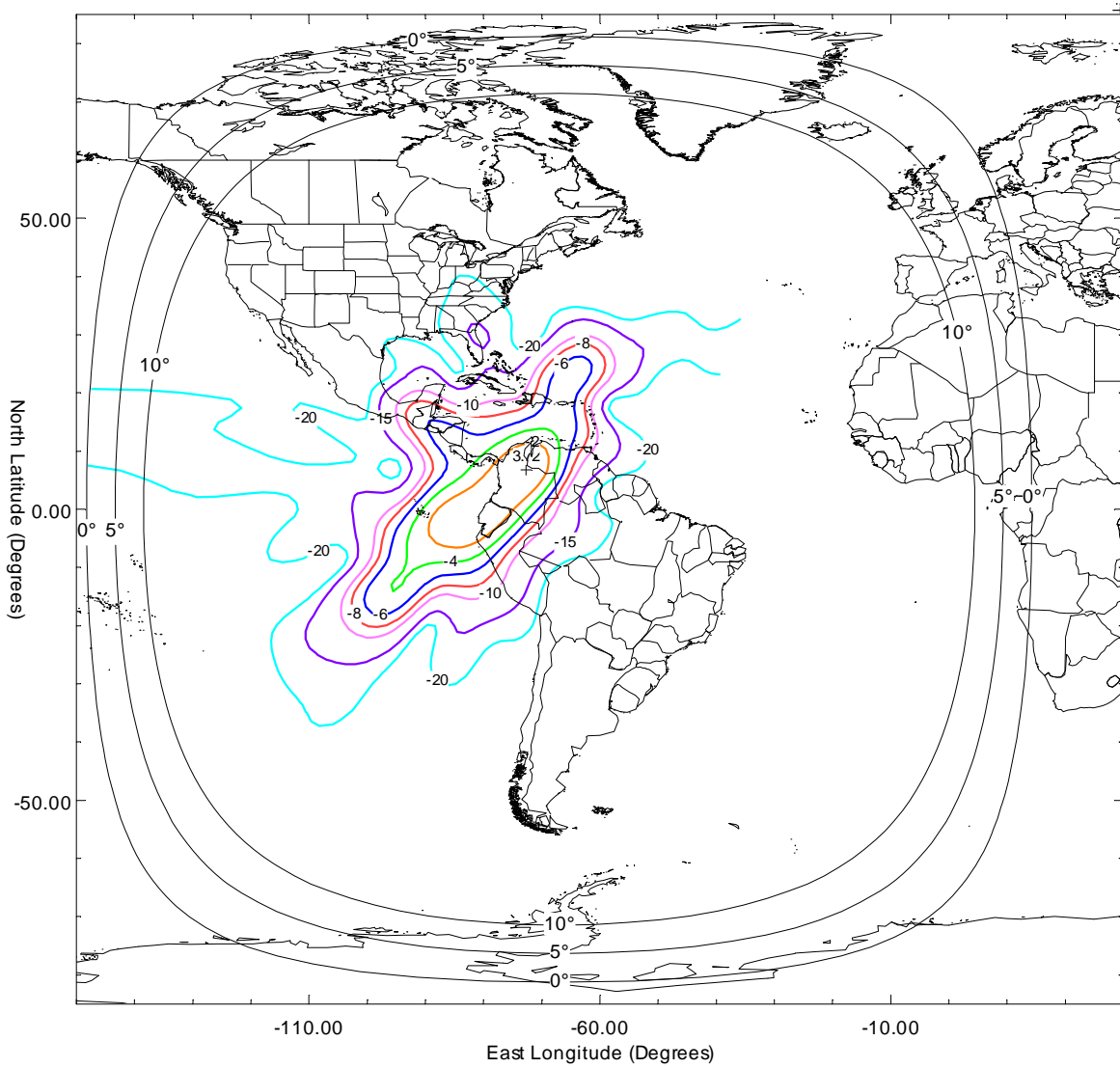
AMC-6 at 67° W.L.
Ku-Band Transponder 12S
Center Frequency 14240 MHz
G/T Contour (dB from peak)
V-Polarization Uplink



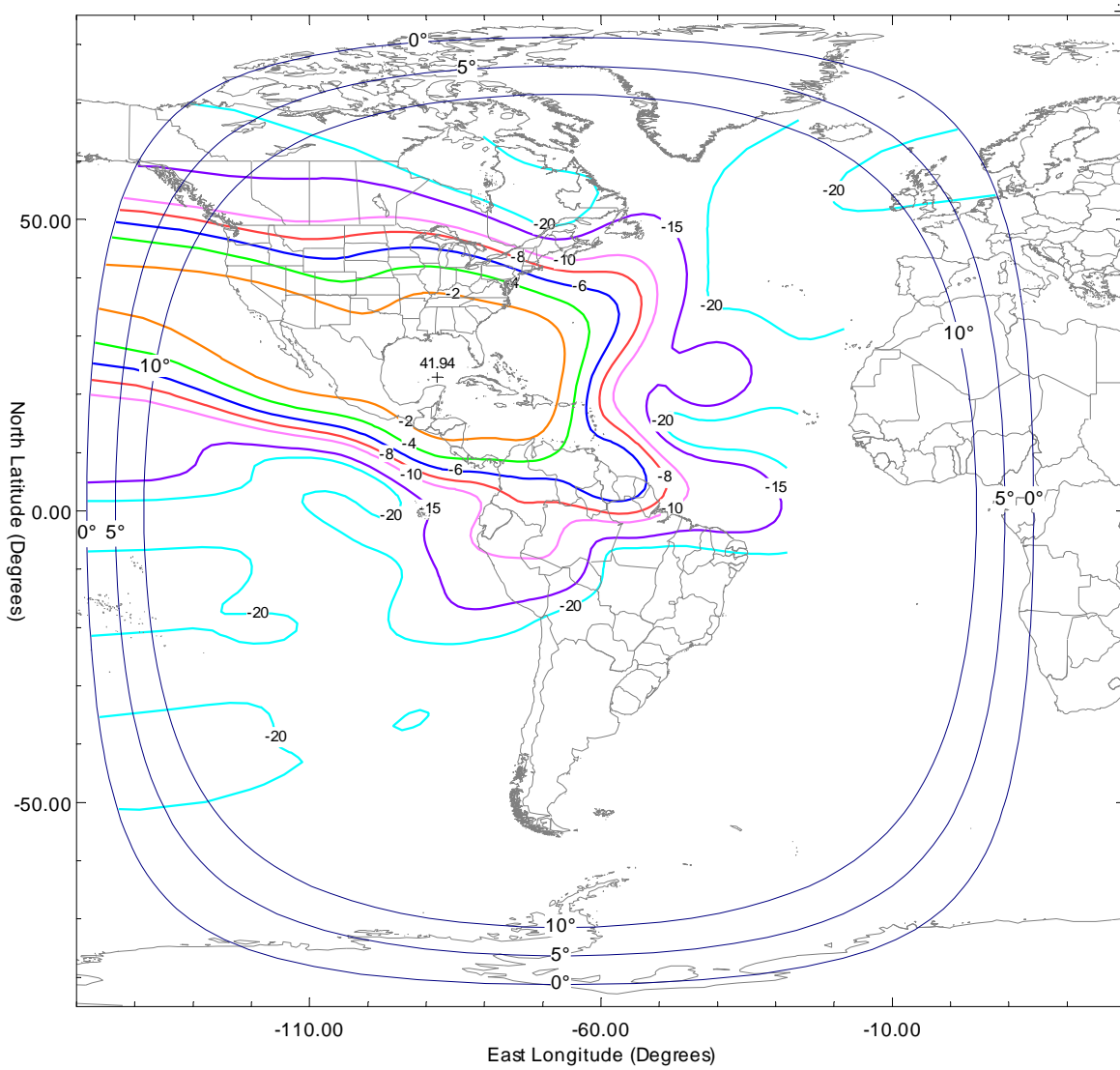
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Ku-Band Transponder 13S
Center Frequency 11960 MHz
EIRP Contour (dB from peak)
V-Polarization Downlink



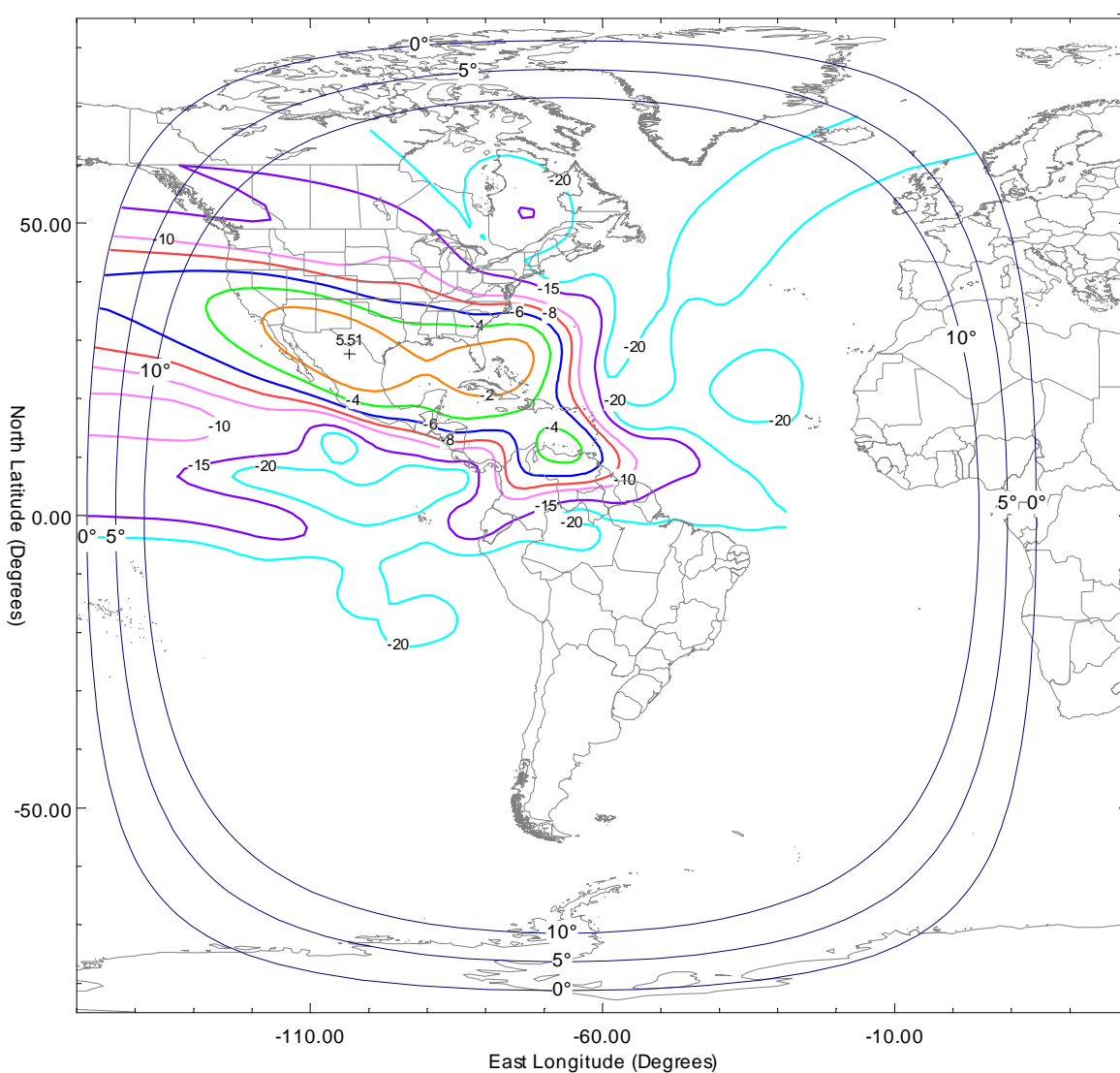
AMC-6 at 67° W.L.
Ku-Band Transponder 13S
Center Frequency 14260 MHz
G/T Contour (dB from peak)
H-Polarization Uplink



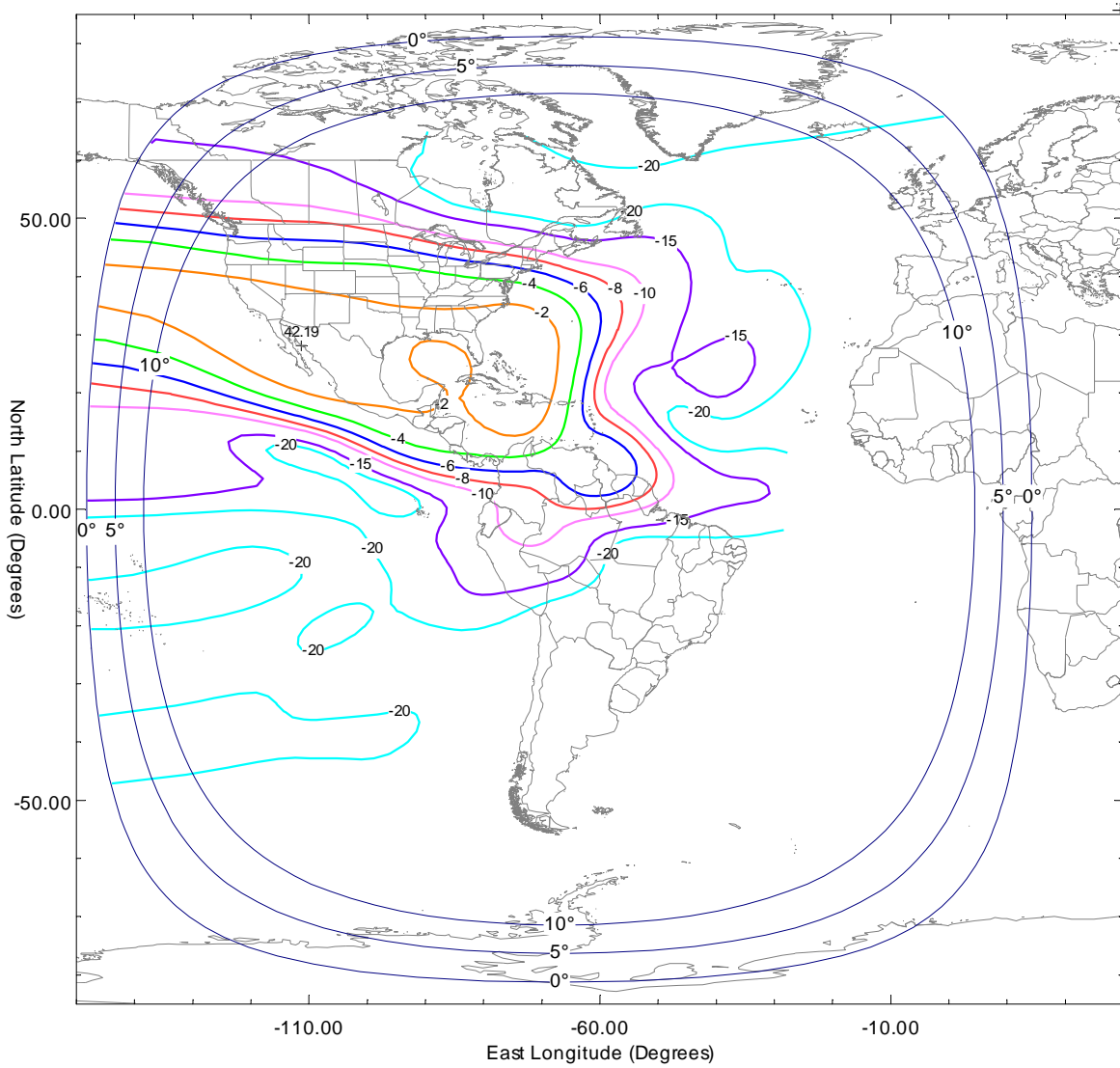
AMC-6 at 67° W.L.
C-Band Transponder 12
Center Frequency 3940 MHz
EIRP Contour (dB from peak)
H-Polarization Downlink



AMC-6 at 67° W.L.
C-Band Transponder 12
Center Frequency 6165 MHz
G/T Contour (dB from peak)
V-Polarization Uplink



AMC-6 at 67° W.L.
C-Band Transponder 13
Center Frequency 3960 MHz
EIRP Contour (dB from peak)
V-Polarization Downlink



AMC-6 at 67° W.L.
C-Band Transponder 13
Center Frequency 6185 MHz
G/T Contour (dB from peak)
H-Polarization Uplink

