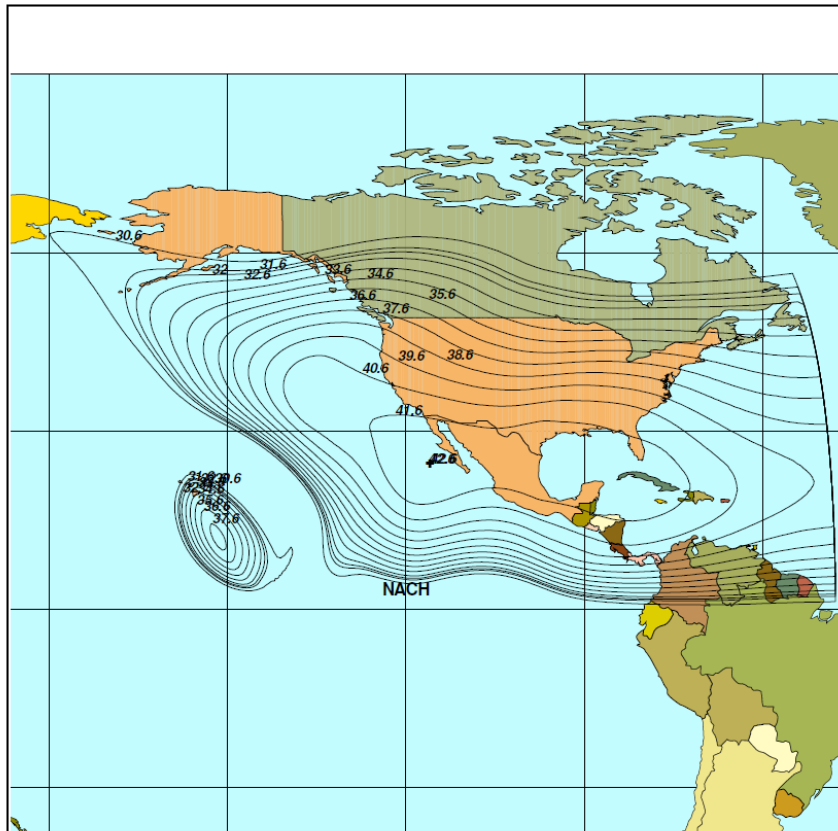


Exhibit A: Galaxy 12 Proposed Beam Coverage, North America H Beam



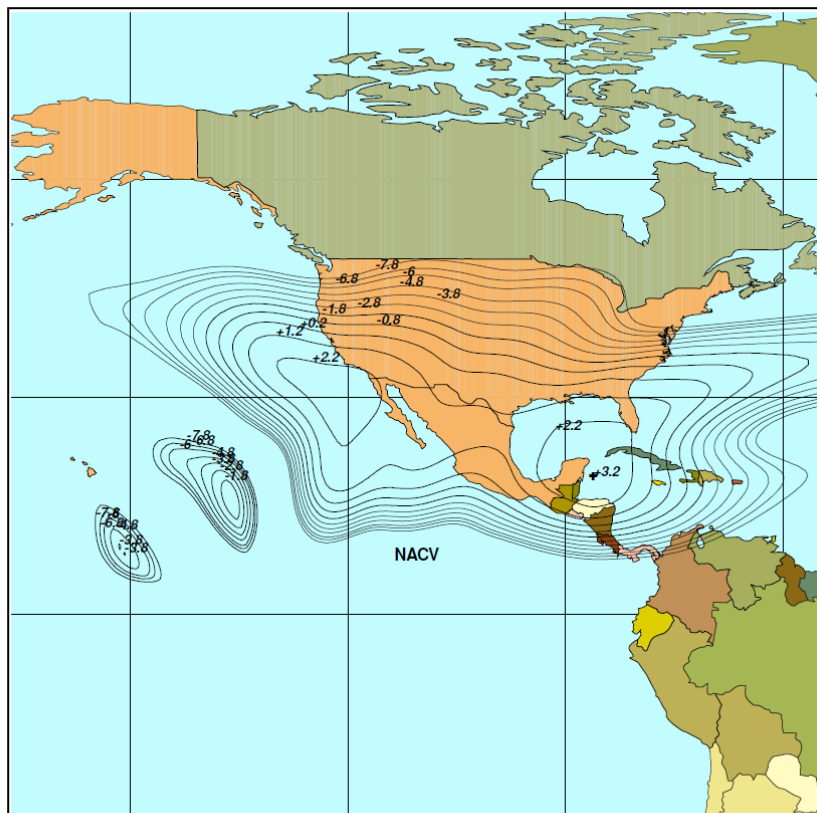
Galaxy 12 @ 129°W
 C-Band North America H
 Transmit Coverage

Platform Bias: 3.50°E 1.76°S
 Yaw: 0.00°

Contours	EIRP [dBW]
Beam Peak (0.0)	42.6
-1.0	41.6
-2.0	40.6
-3.0	39.6
-4.0	38.6
-5.0	37.6
-6.0	36.6
-7.0	35.6
-8.0	34.6
-9.0	33.6
-10.0	32.6
-10.6	32.0
-11.0	31.6
-12.0	30.6

Beam Edge EIRP values from IESS-410 Rev 8B.
 Nominal Beam Peak EIRP and contour values
 (dB from B.E.) derived from ACP 202 Rev 6.1.

Galaxy 12 Proposed Beam Coverage, North America V Beam



Galaxy 12 @ 129°W
 C-Band North America V
 Receive Coverage

Platform Bias: 3.50°E 1.76°S
 Yaw: 0.00°

Contours	G/T [dB/K]
Beam Peak (0.0)	3.2
-1.0	2.2
-2.0	1.2
-3.0	0.2
-4.0	-0.8
-5.0	-1.8
-6.0	-2.8
-7.0	-3.8
-8.0	-4.8
-9.2	-6.0
-10.0	-6.8
-11.0	-7.8

Beam Edge EIRP values from IESS-410 Rev 8B.
 Nominal Beam Peak EIRP and contour values
 (dB from B.E.) derived from ACP 202 Rev 6.10.

View : Geographic
 Status : INTELSAT APPROVED

Plot Date: 10 July 2019
 lthinman-us8g12platformbiasing.apr