**IBEX Goat Herder**

***Date*** ***Jday*** ***Time***  ***Station*** ***Razor#*** ***USNPR#*** ***PASS/FAIL***

**Monday, November 20, 2017** 324 2300 USHI02 Pass

***Controller*** ***CAR1*** ***CAR2*** ***CAR3*** ***Radius Earth*** ***S-Band Rate*** ***Station PWR***

TPerry 924 2ksps 160

***EBNO Values*** ***EBNO Values 3*** ***AGC Strength***

10.1 -> 14.7 -119

***EBNO Values 2*** ***AGC Strength 2***

***VC 0*** ***VC 0 Seq Err*** ***VC 1*** ***VC 1 Seq Err***  ***VC 2*** ***VC 2 Seq Err***

224 0 0 0 0 0

***VC 2 Write Pointer***  40272

***VC 2 Read Pointer***  26767

ATS upload -> IBEX\_2017\_327\_o0338a\_v001

54 cmds trk # 121 - 174

Maneuver was nominal

Q1 -0.08736550 ActNor.EstInrToBdy[0]

Q2 -0.80889600 ActNor.EstInrToBdy[1]

Q3 0.49306400 ActNor.EstInrToBdy[2]

Q4 0.30812700 ActNor.EstInrToBdy[3]

GPS sec 1195260000.000 ActNor.EstTime

MPS Diff 0.564

MPS Cmd Vector X -0.581407000

MPS Cmd Vector Y -0.742323000

MPS Cmd Vector Z -0.333050000

CSS Angle TLM 0.972168

CSS Sun-Pointing Angle 1.944336

14 Nov 17 @1200

CSS Angle TLM 1.649

CSS Sun-Pointing Angle 3.298

20 Nov 17 @2300

Pre-Burn

Thruster 1 6112 14 Nov 17 @1200

Thruster 2 5984

Thruster 3 6768

Thruster 4 6896

Post-Burn

Thruster 1 6400 20 Nov 17 @2300

Thruster 2 6272

Thruster 3 7104

Thruster 4 7232

Number of Pulses

Thruster 1 288

Thruster 2 288

Thruster 3 336

Thruster 4 336

Thruster Pairs

Thruster 1 & 2 576

Thruster 3 & 4 672