**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