**IBEX Goat Herder**

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

 **Monday, April 24, 2017** 114 1300 USHI02 Pass

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

 TPerry 908 44 Desc 2ksps 185

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

 -14.6 - 16.68 -117

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

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

 222 7 0 0 0 0

 ***VC 2 Write Pointer***  0 ***VC 2 Write Pointer End*** 0

 ***VC 2 Read Pointer***  0 ***VC 2 Read Pointer End*** 0

 ATS Upload - IBEX\_2017\_118\_o0365a\_v001

 64 cmds Trk # 74 - 137

Q1 -0.62337700 ActNor.EstInrToBdy[0]

 Q2 0.09972380 ActNor.EstInrToBdy[1]

 Q3 -0.61173900 ActNor.EstInrToBdy[2]

 Q4 0.47668800 ActNor.EstInrToBdy[3]

 GPS sec 1177073990.000 ActNor.EstTime

 MPS Cmd Vector X 0.854488000

 MPS Cmd Vector Y 0.480615000

 MPS Cmd Vector Z 0.197127000

 MPS Diff 0.611

 CSS Angle TLM 0.845341 19 Apr 17 @0800

 CSS Sun-Pointing Angle 1.690682

 CSS Angle TLM 0.845341 24 Apr 17 @1300

 CSS Sun-Pointing Angle 1.690682

 Pre-Burn

 Thruster 1 13152 19 Apr 17 @0800

 Thruster 2 12864

 Thruster 3 14256

 Thruster 4 14544

 Post-Burn

 Thruster 1 13440 24 Apr 17 @1300

 Thruster 2 13120

 Thruster 3 14544

 Thruster 4 14864

 Number of Pulses

 Thruster 1 288

 Thruster 2 256

 Thruster 3 288

 Thruster 4 320

 Thruster Pairs

 Thruster 1 & 2 544

 Thruster 3 & 4 608