**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