**IBEX Goat Herder**

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

 **Friday, August 12, 2016** 225 1000 USHI01

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

 TPerry 865 46Asc 2ksps 223

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

 14.39 -> 17.5 @2k -115

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

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

 223 4 0 0 0 0

 ***VC 2 Write Pointer***  6500 ***VC 2 Write Pointer End*** 0

 ***VC 2 Read Pointer***  19616 ***VC 2 Read Pointer End*** 0

 Maneuver was nominal

 Uplinked ATS -> IBEX\_2016\_230\_o0337a\_v2

 97 cmds Trk # 151 - 247

 Q1 0.43010500 ActNor.EstInrToBdy[0]

 Q2 -0.42458600 ActNor.EstInrToBdy[1]

 Q3 -0.79417900 ActNor.EstInrToBdy[2]

 Q4 0.06337450 ActNor.EstInrToBdy[3]

 GPS sec 1155031417.000 ActNor.EstTime

 MPS Cmd Vector X -0.739557000

 MPS Cmd Vector Y 0.621575000

 MPS Cmd Vector Z 0.258263000

 MPS Diff 0.667

 CSS Angle TLM 0.422436 07 Aug 16 @1700

 CSS Sun-Pointing Angle 0.844872

 CSS Angle TLM 2.10626 12 Aug 16 @1000

 CSS Sun-Pointing Angle 4.21252

 Pre-Burn 07 Aug 16 @1700

 Thruster 1 16448

 Thruster 2 15952

 Thruster 3 20752

 Thruster 4 21248

 Post-Burn 12 Aug 16 @1000

 Thruster 1 16768

 Thruster 2 16240

 Thruster 3 21040

 Thruster 4 21568

 Number of Pulses

 Thruster 1 320

 Thruster 2 288

 Thruster 3 288

 Thruster 4 320

 Thruster Pairs

 Thruster 1 & 2 608

 Thruster 3 & 4 608