**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