**IBEX Goat Herder**

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

**Tuesday, November 14, 2017** 318 1200 USHI02 Pass

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

SWesley 941 12 desc 320ksps 191 watts

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

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

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

1926 1 1287 0 20262 0

***VC 2 Write Pointer Start*** 26756 ***VC 2 Write Pointer End*** 26796

***VC 2 Read Pointer Start*** 6500 ***VC 2 Read Pointer End*** 26762

Orbit# 386 SSR\_Dump -Tracking

Contact/Reset\_master\_timer.scr/ops\_Set\_Sc\_time.scr/@FMI\_SetDownlink(320k)/SSR\_dump.scr(new)/ CAR# 941 Upload Orbit# 388

ATS 1.IBEX\_2017\_327\_o0388a\_v001.scr(29-120)/@FTG\_DumpBackOrbit(from start,0,0,0,0)

Q1 0.80346400 ActNor.EstInrToBdy[0]

Q2 0.06093450 ActNor.EstInrToBdy[1]

Q3 -0.43592300 ActNor.EstInrToBdy[2]

Q4 0.40087900 ActNor.EstInrToBdy[3]

GPS sec 1194700000.000 ActNor.EstTime

MPS Diff 0.855

Sun Angle -0.645818000

MPS Cmd Vector Y -0.696712000

MPS Cmd Vector Z -0.312269000

CSS Angle TLM 0.972168

CSS Sun-Pointing Angle 1.944336

11 Nov 17 @0200

CSS Angle TLM 0.48899

CSS Sun-Pointing Angle 0.97798

14 Nov 17 @1200

Pre-Burn

Thruster 1 5840 11 Nov 17 @0200

Thruster 2 5712

Thruster 3 6464

Thruster 4 6592

Post-Burn

Thruster 1 6112 14 Nov 17 @1200

Thruster 2 5984

Thruster 3 6768

Thruster 4 6896

Number of Pulses

Thruster 1 272

Thruster 2 272

Thruster 3 304

Thruster 4 304

Thruster Pairs

Thruster 1 & 2 544

Thruster 3 & 4 608

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

**Tuesday, November 14, 2017** 318 1900 USAK Pass

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

TPerry 320ksps 357

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

5.68 -> 7.15 -101

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

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

1915 0 0 0 0 0

***VC 2 Write Pointer Start*** 026968 ***VC 2 Write Pointer End*** 0

***VC 2 Read Pointer Start*** 026762 ***VC 2 Read Pointer End*** 0

Nominal tracking pass