

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3918 - L2 Version 001
Chandra X-Ray Center

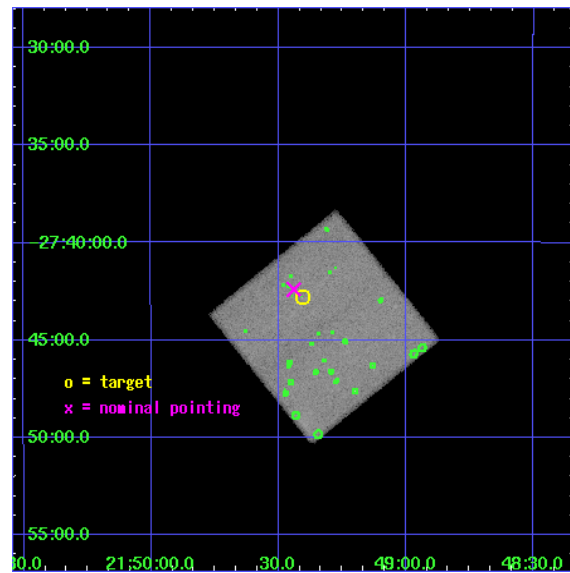
L2 Processing Date : Jul 12 2006

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1 Front

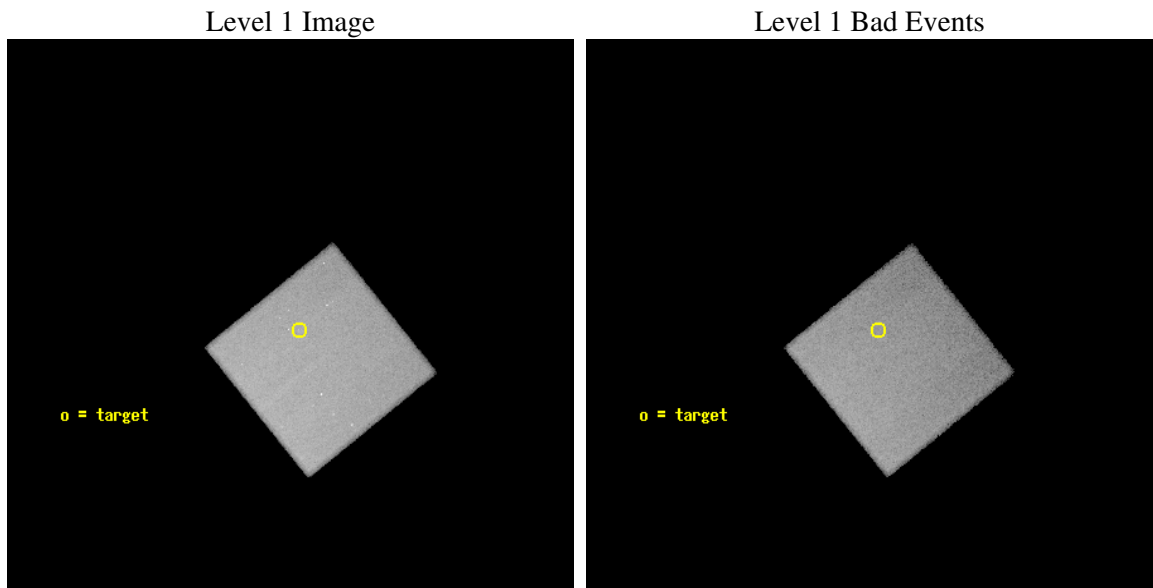
seq_num	500397
obs_id	3918
title	LOCALIZATION OF "OPTICALLY DARK" GRBS WITH SLOW TOO OBSERVATIONS.
observer	Professor Gordon Garmire
object	H2777
dtcycle	0
cycle	P
ra_targ	327.351667
dec_targ	-27.713167
ra_nom	327.35990442726
dec_nom	-27.706836230776
roll_nom	51.059494794916
revision	2
ontime	85289.75413841
livetime	84138.736226827
ontime7	85289.75413841
l2events	264902



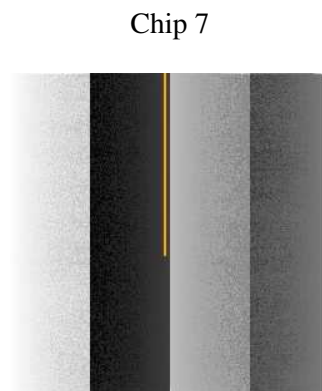
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-13T00:20:04
revision	2

sched_exp_time	85000.000000
ontime	85625.669184774
ontime7	85625.669184774
l1events	699846

2.1.4 Events

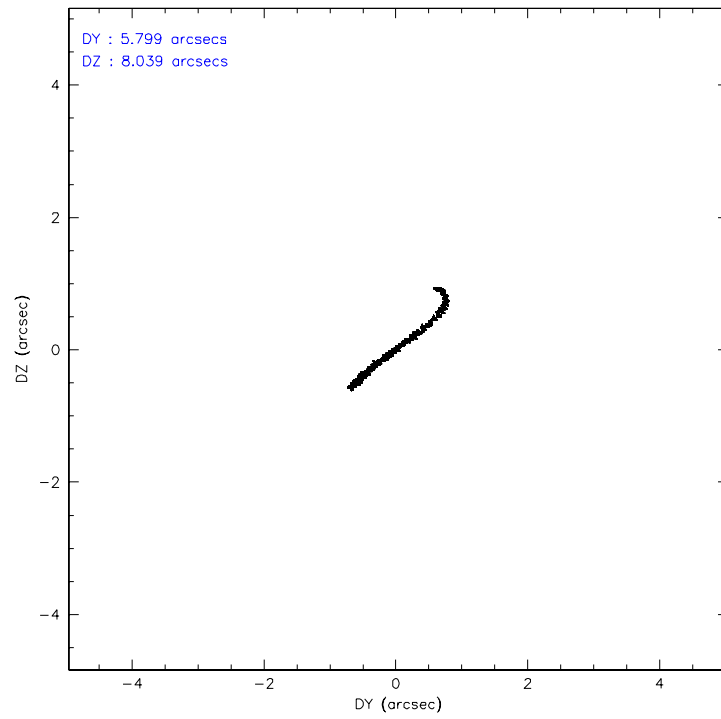
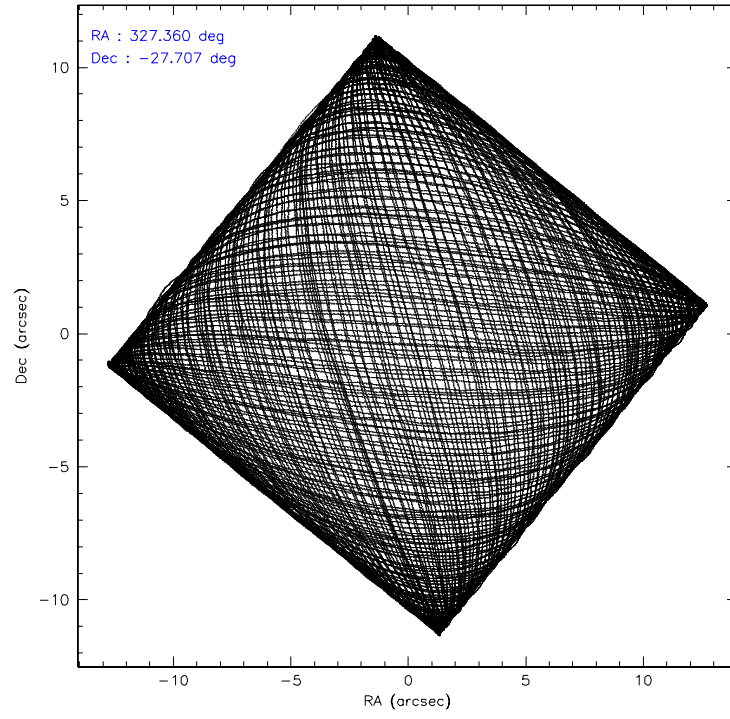
	ccd 7
level 1 events	699846
rejected events	428151
rejected %	61%

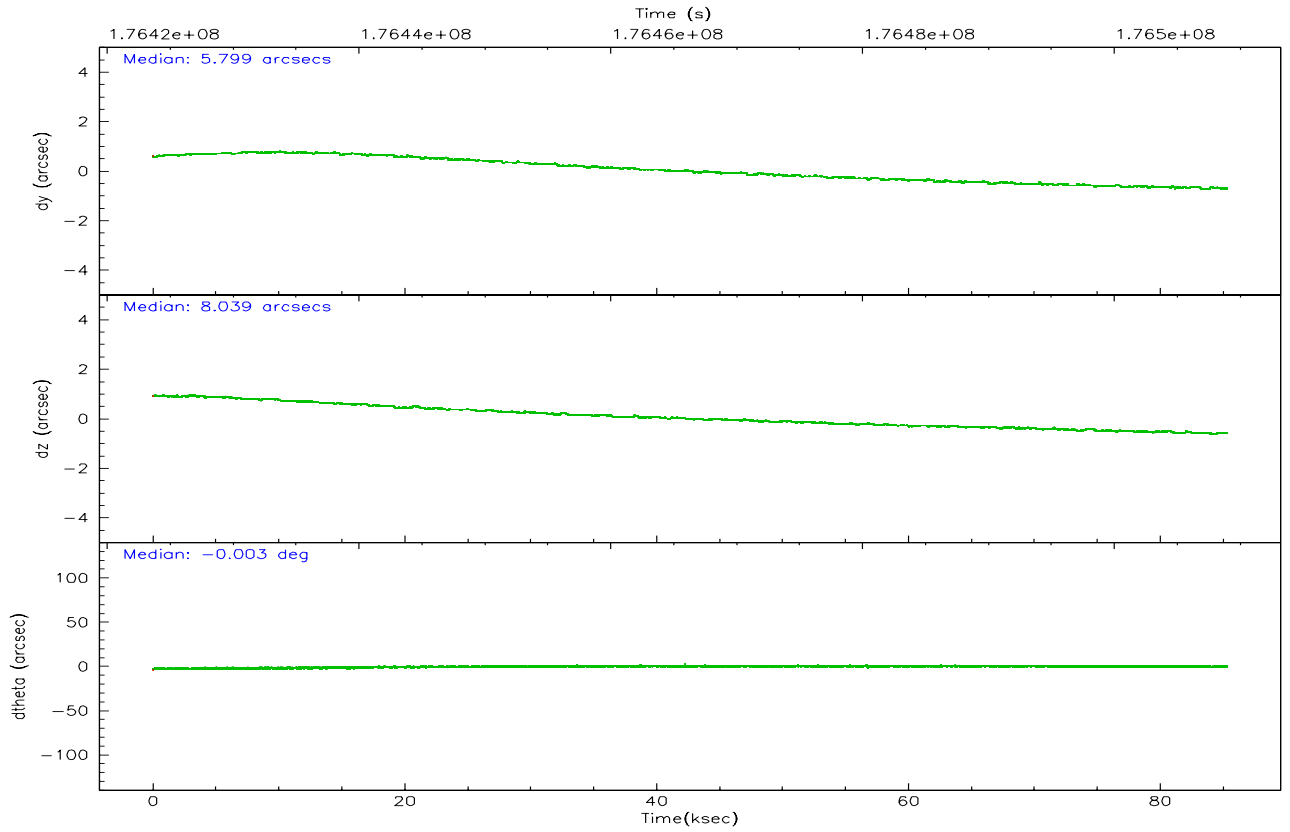
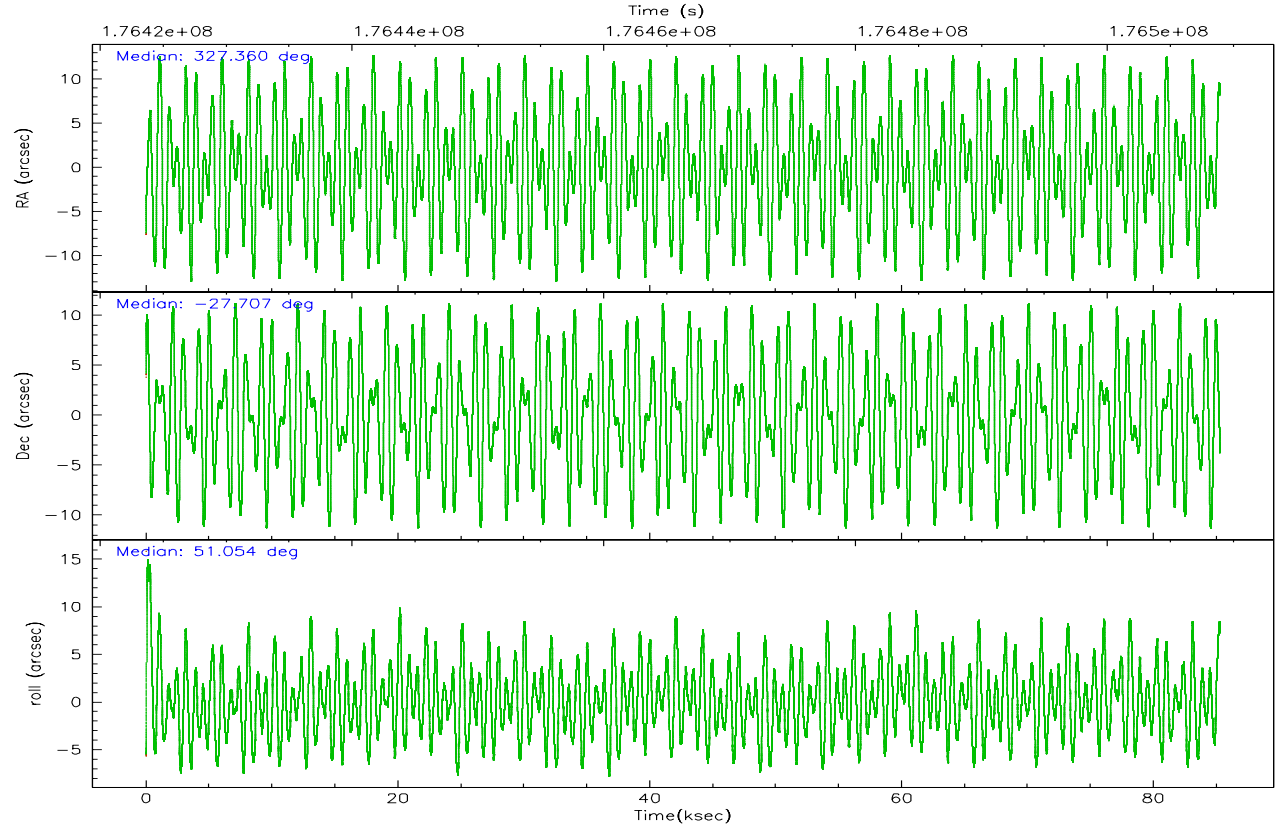
	ccd 7
grade 0 events	17691
	2%
grade 1 events	371
	0%
grade 2 events	66628
	9%
grade 3 events	14741
	2%
grade 4 events	14248
	2%
grade 5 events	47029
	6%
grade 6 events	159440
	22%
grade 7 events	379698
	54%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	327.355543	327.3599044272621	Alternating exposures requested	N	N
Pointing Dec	-27.733789	-27.70683623077596	Primary exposure time	0.000000	3
Pointing Roll	50.900837	51.0594947949162			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	176423955.184000	176422930.74299			
Observation start date	2003-08-04T22:38:11	2003-08-04T22:22:10			
Observation end time	176508955.184000	176509678.03419			
Observation end date	2003-08-05T22:14:51	2003-08-05T22:27:58			
Read mode	TIMED	TIMED			

2.3 Aspect



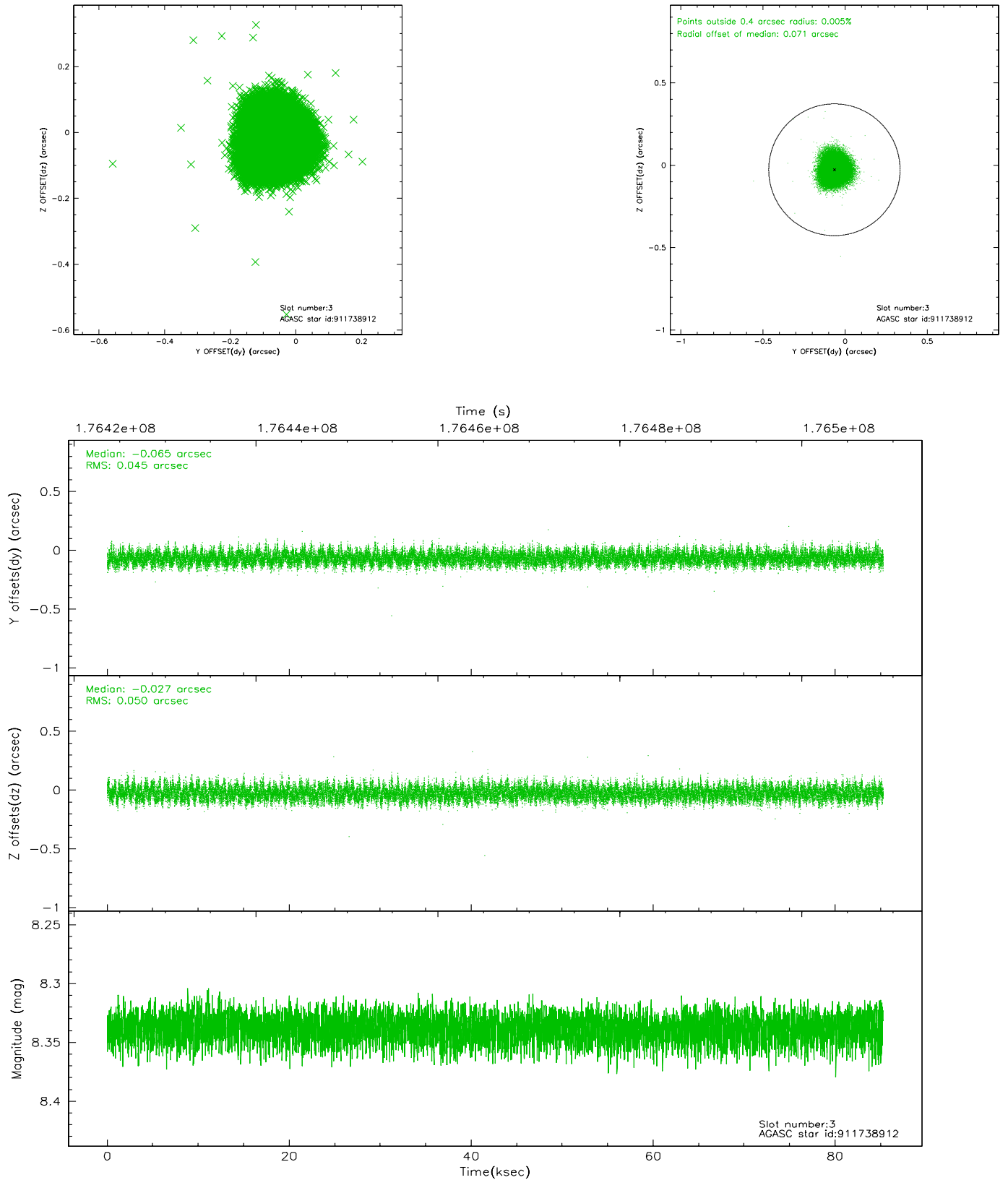


Slot Statistics

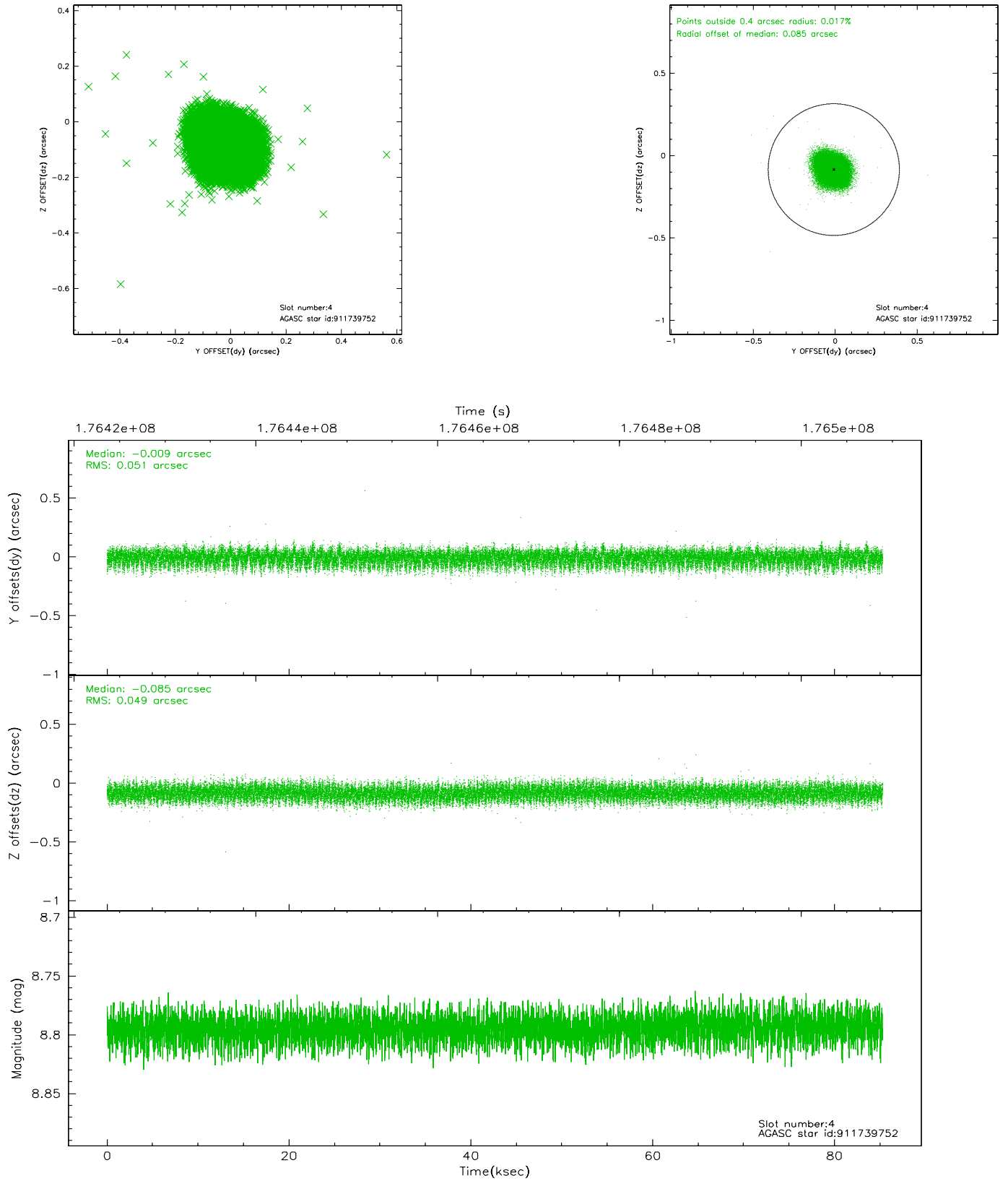
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	20796	-0.024	-0.018	0.009	0.015	0.000000	0.000000	-758.60	-1729.32
1	FID	ACIS-S-4	7.20	20796	0.034	0.016	0.018	0.026	0.000000	0.000000	2154.78	179.24
2	FID	ACIS-S-5	7.23	20799	-0.040	0.011	0.016	0.023	0.000000	0.000000	-1811.53	172.87
3	GUIDE	911738912	8.34	41589	-0.065	-0.027	0.073	0.114	326.943115	-27.386995	135.55	1809.08
4	GUIDE	911739752	8.79	41586	-0.009	-0.085	0.075	0.120	327.086125	-27.144025	1102.53	2008.38
5	GUIDE	911745080	7.67	41600	-0.112	0.058	0.062	0.103	327.881685	-27.399142	1992.74	-547.26
6	GUIDE	912130672	9.53	41573	0.105	0.020	0.102	0.166	326.690090	-27.778712	-1466.75	1539.25
7	GUIDE	912136496	9.44	41576	0.086	0.035	0.091	0.148	327.646562	-27.809852	371.18	-892.20

2.4 Star Slots

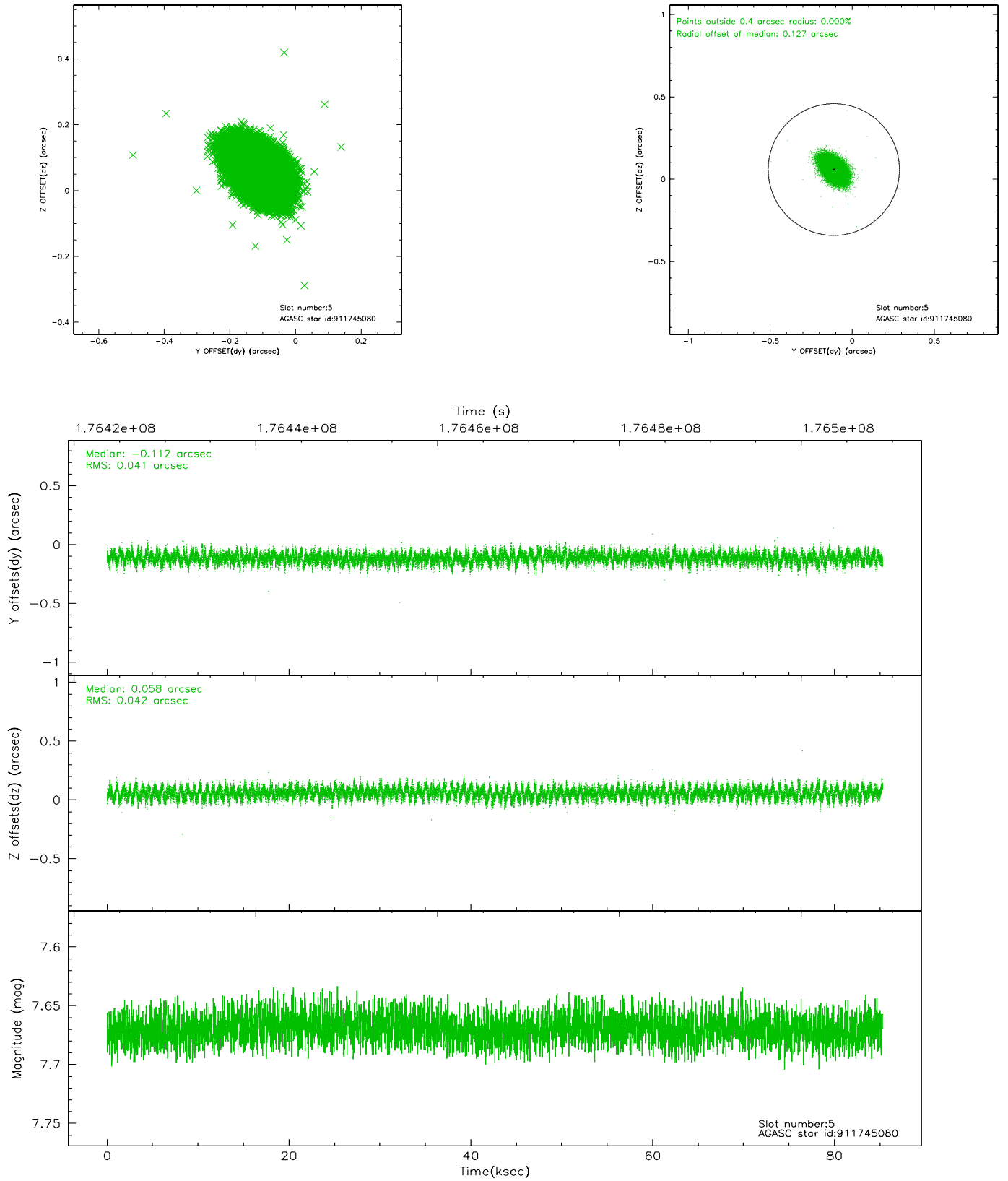
2.4.1 Slot 3



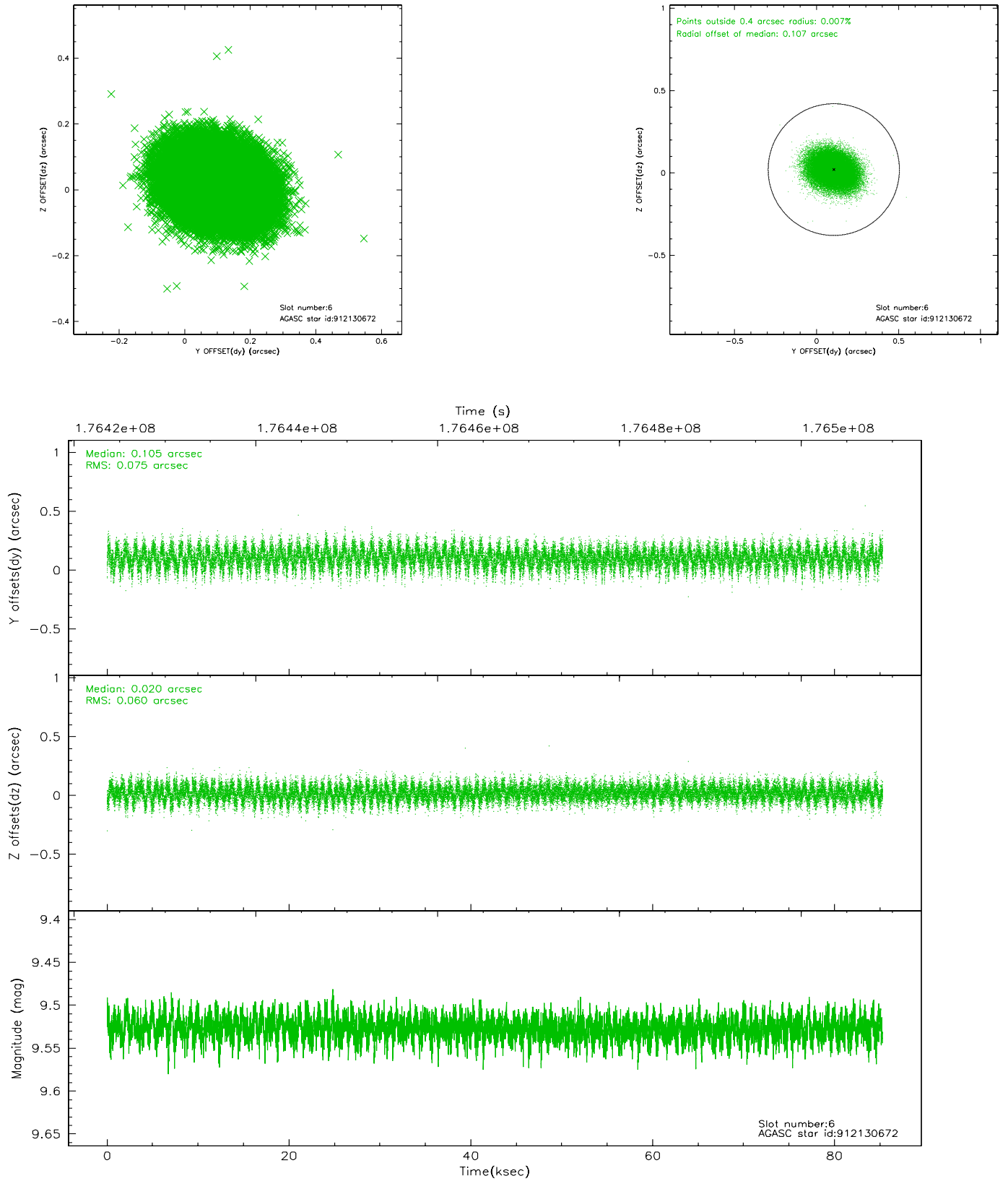
2.4.2 Slot 4



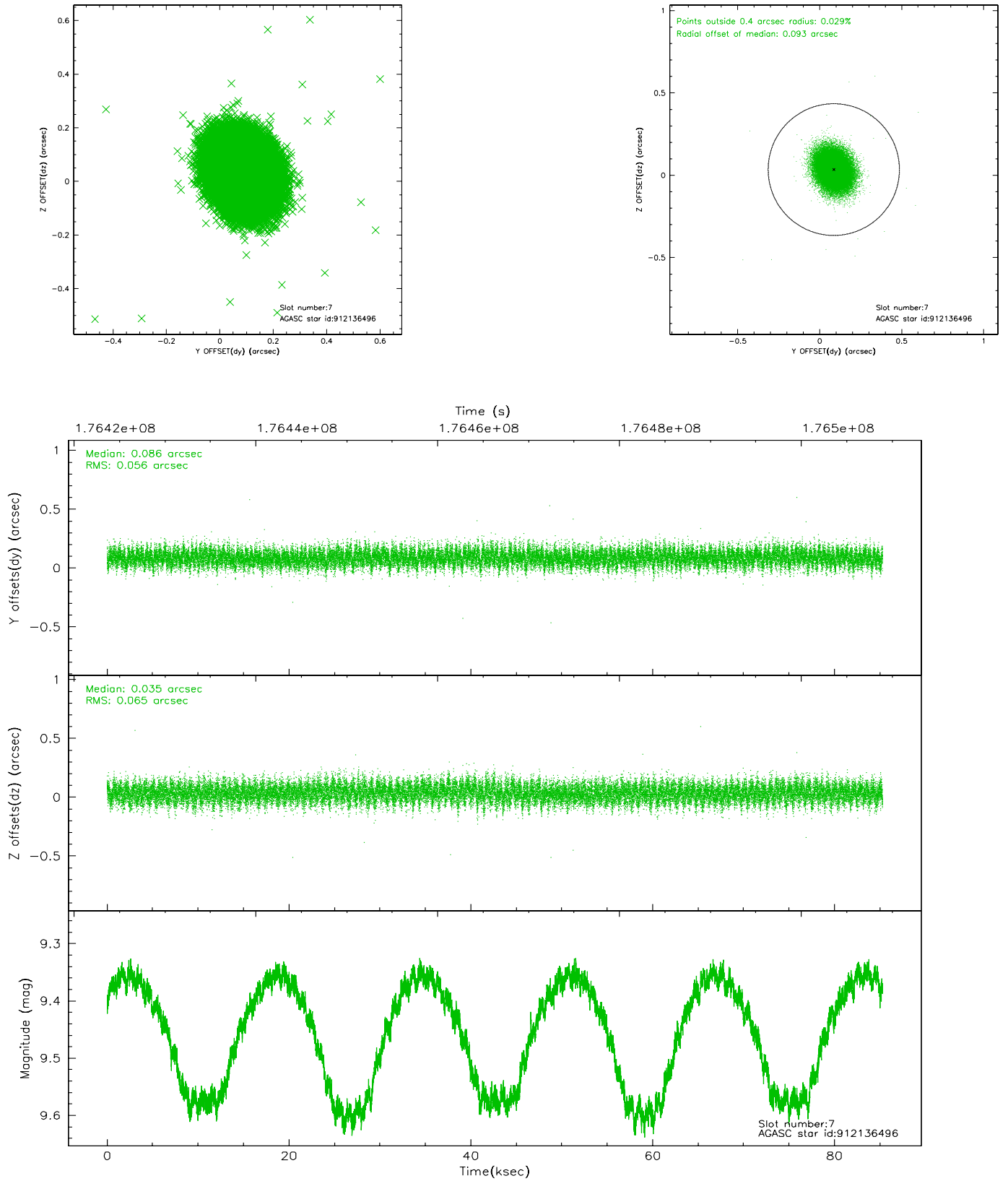
2.4.3 Slot 5



2.4.4 Slot 6

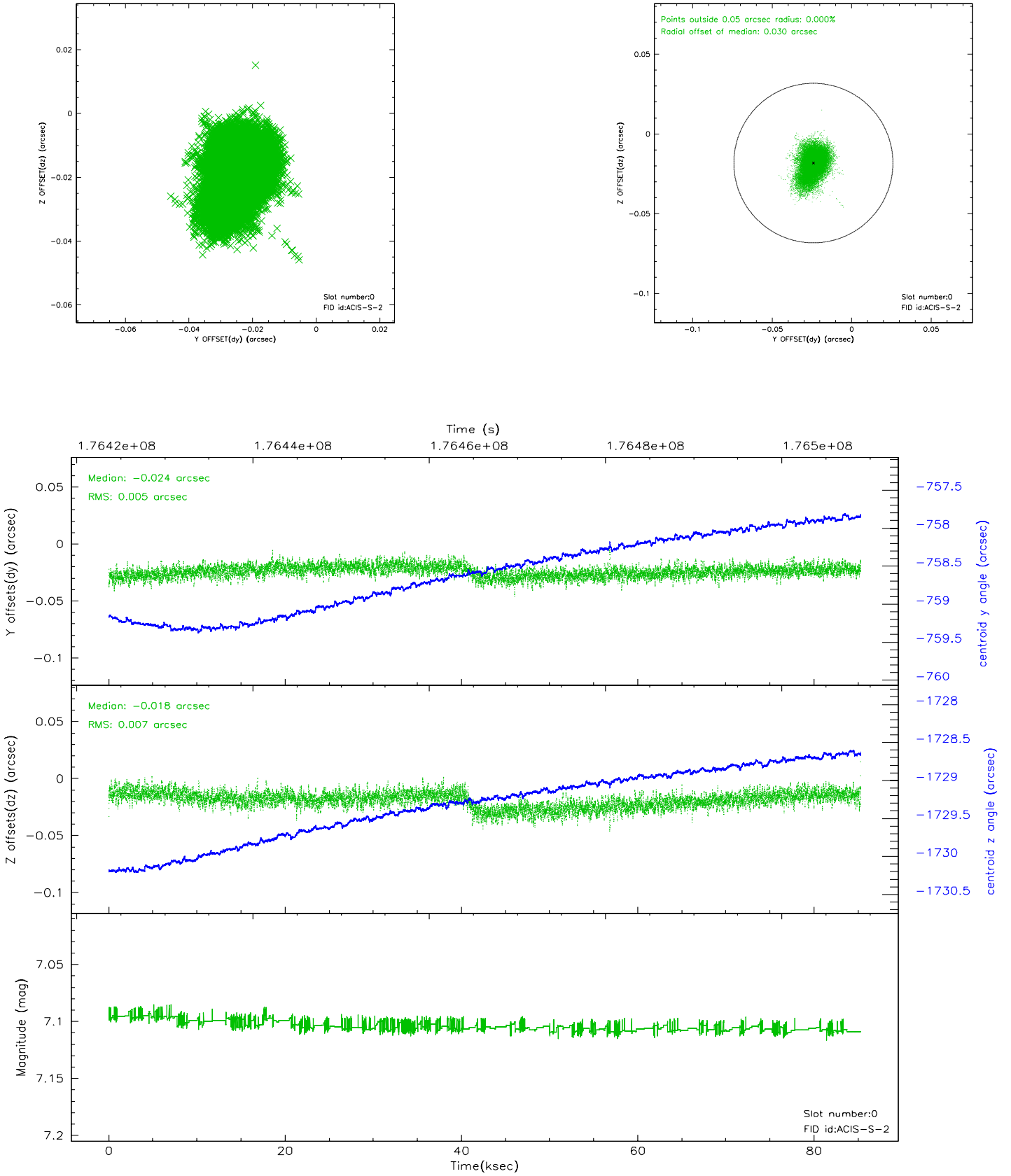


2.4.5 Slot 7

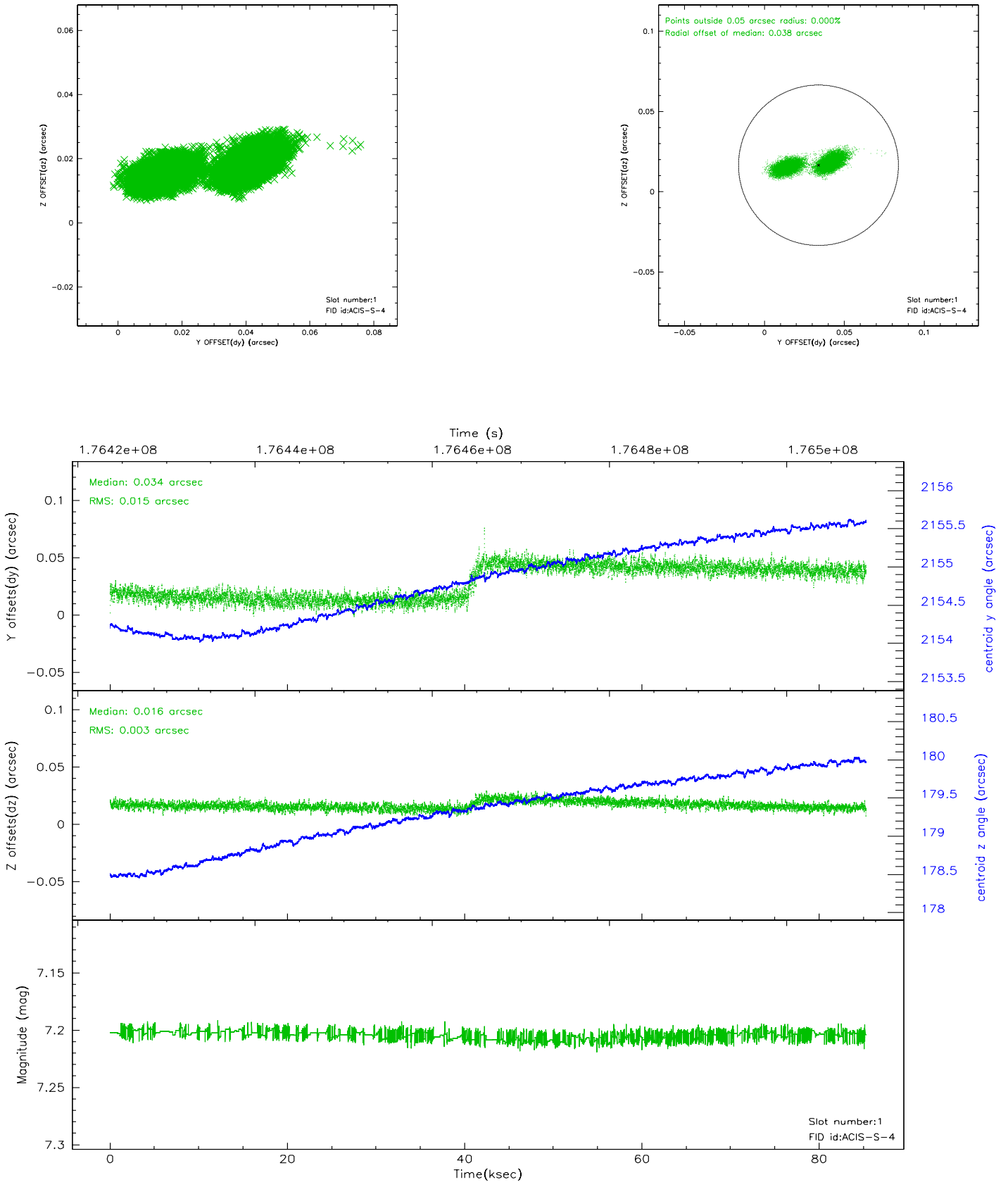


2.5 FID Slots

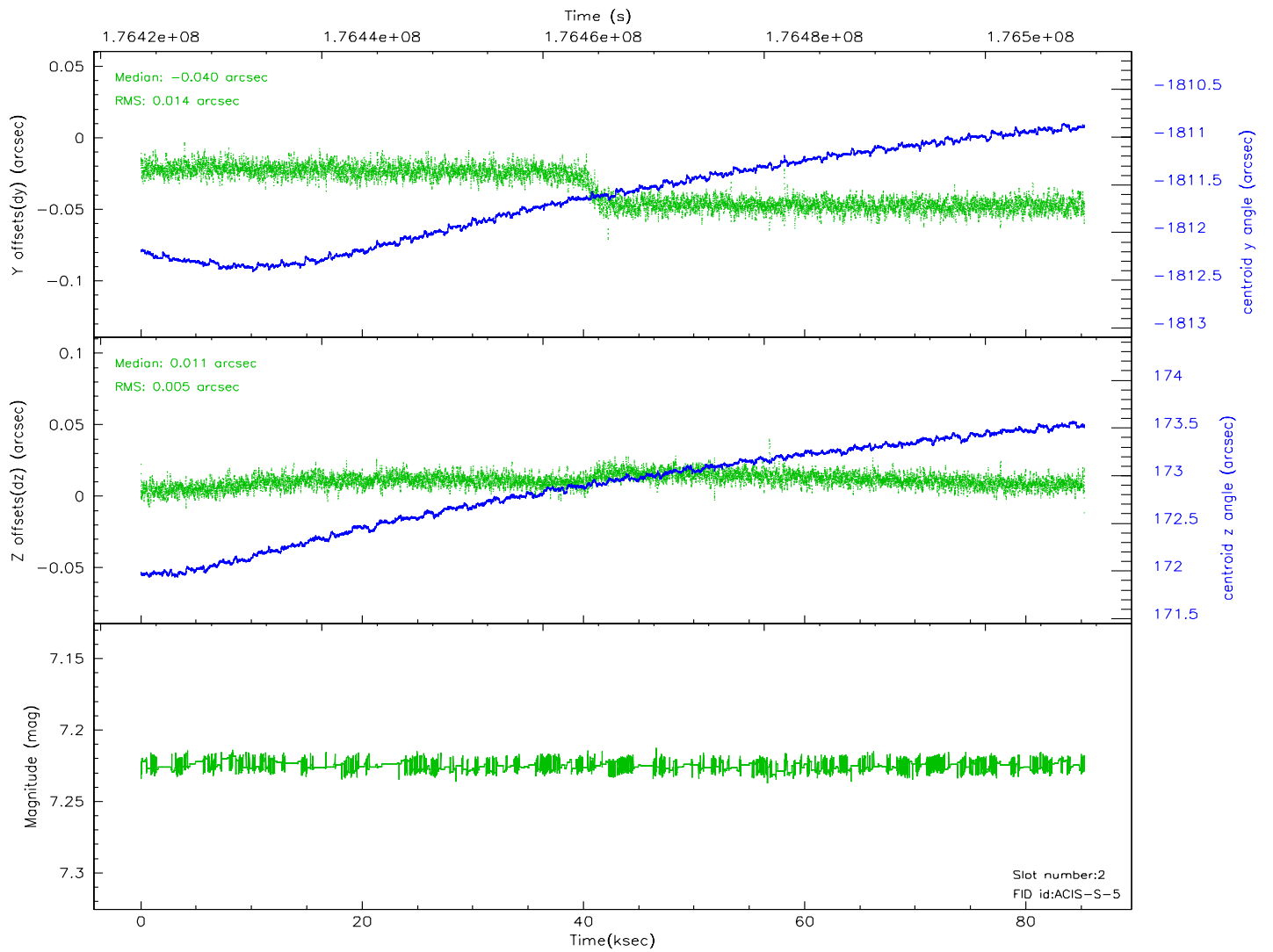
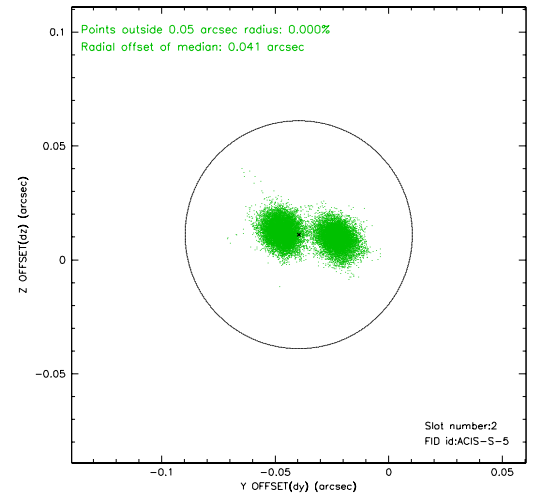
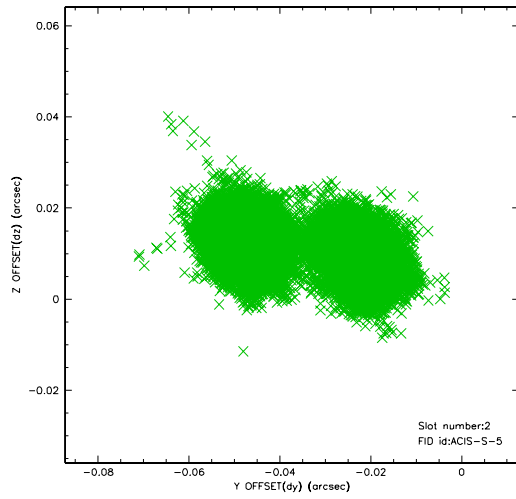
2.5.1 Slot 0



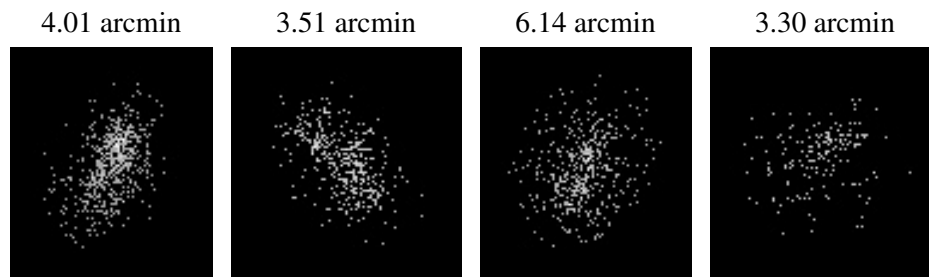
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	85.247

A.2 Comments

Focal plane temperature is warmer than -118 degrees during initial ~5 ksec of observation. The ACIS calibrations are not verified or necessarily applicable for focal plane temperatures warmer than -118 degrees.