

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3802 - L2 Version 001
Chandra X-Ray Center

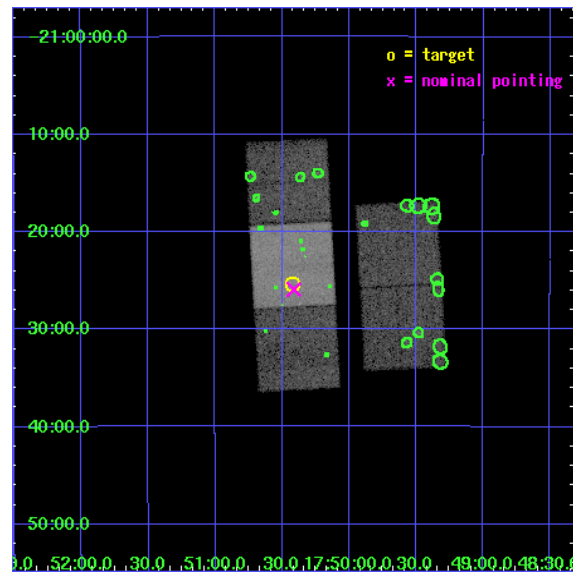
L2 Processing Date : Jul 12 2006

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1 Front

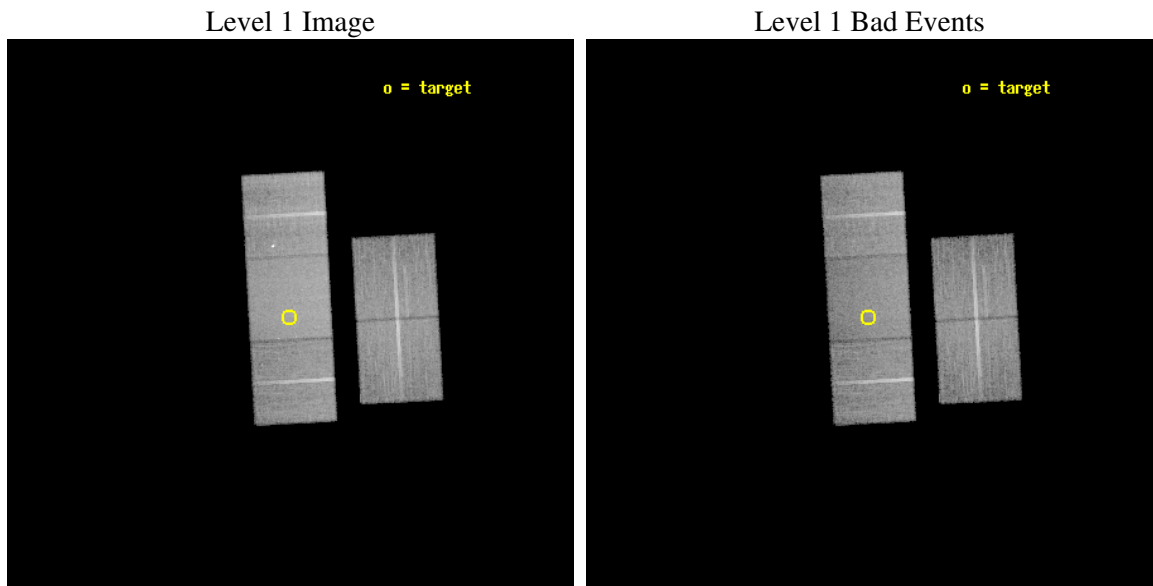
seq_num	400289
obs_id	3802
title	LOCALIZING THE NEUTRON STAR X-RAY TRANSIENT EXO 1747-214
observer	Dr. John Tomsick
object	EXO 1747-214
dtcycle	0
cycle	P
ra_targ	267.605417
dec_targ	-21.422694
ra_nom	267.60305504166
dec_nom	-21.432079048372
roll_nom	266.89511320298
revision	2
ontime	24809.095111072
livetime	24484.946019256
ontime2	24787.108359486
ontime3	24799.672200441
ontime6	24796.531230211
ontime7	24809.095111072
ontime8	24802.813120782
l2events	149585



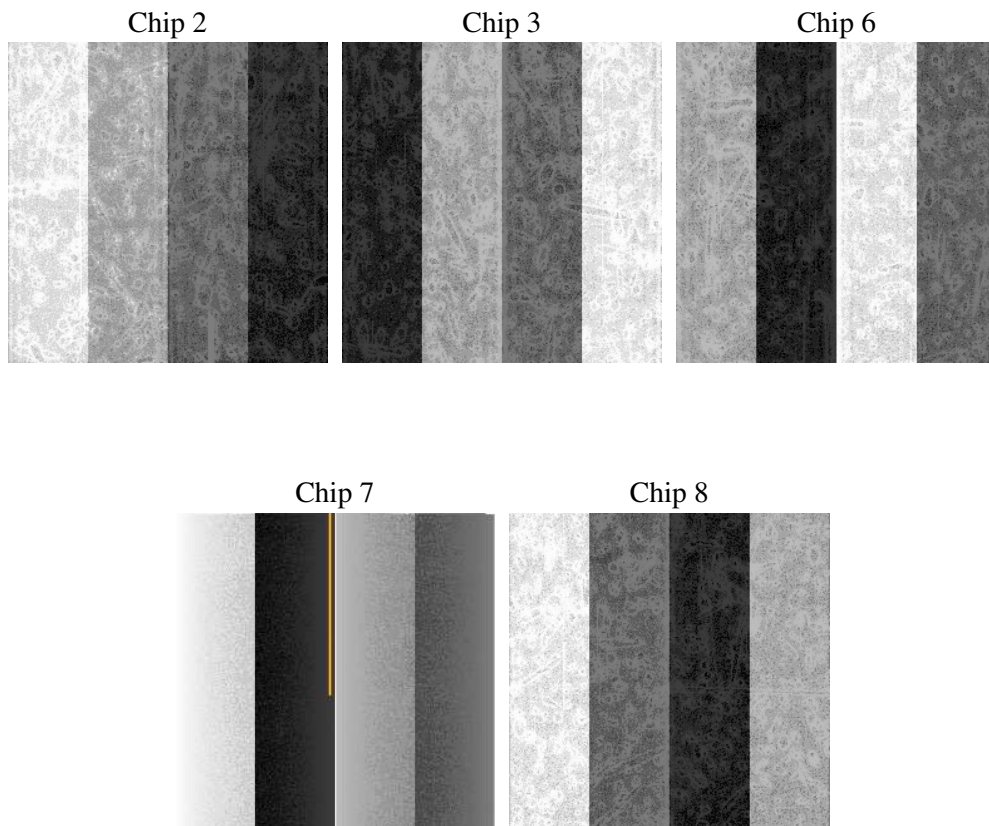
2 OBI

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	2006-07-12T18:09:19
revision	2

sched_exp_time	24709.000000
ontime	25250.553626746
ontime2	25231.707875341
ontime3	25244.271716297
ontime6	25241.130746067
ontime7	25250.553626746
ontime8	25247.412656516
l1events	881379

2.1.4 Events

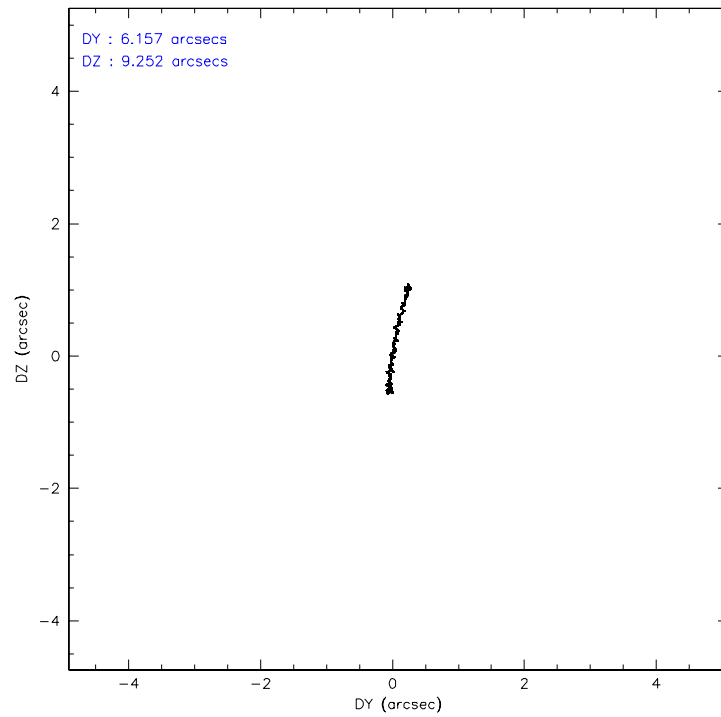
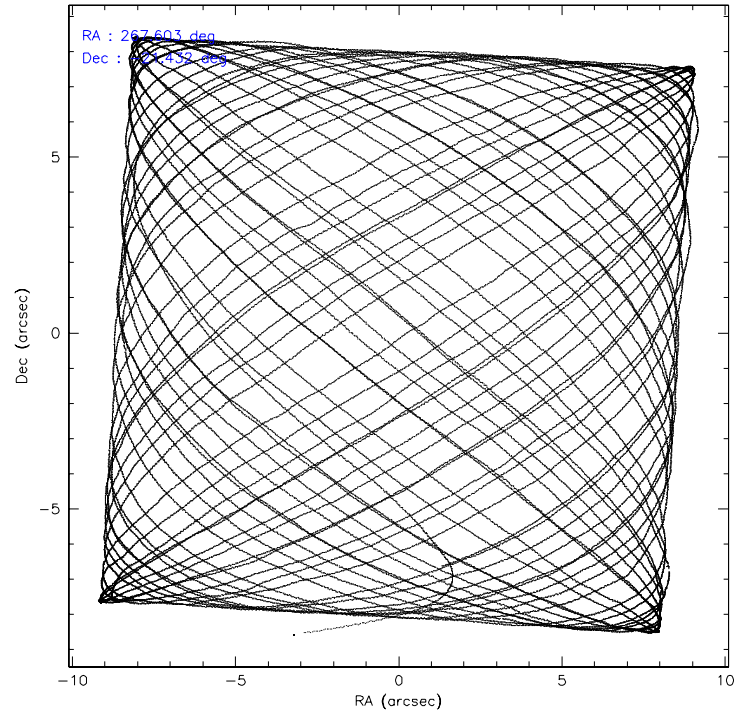
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	154602	150998	160320	212214	203245
rejected events	135471	132172	140395	132033	159712
rejected %	87%	87%	87%	62%	78%

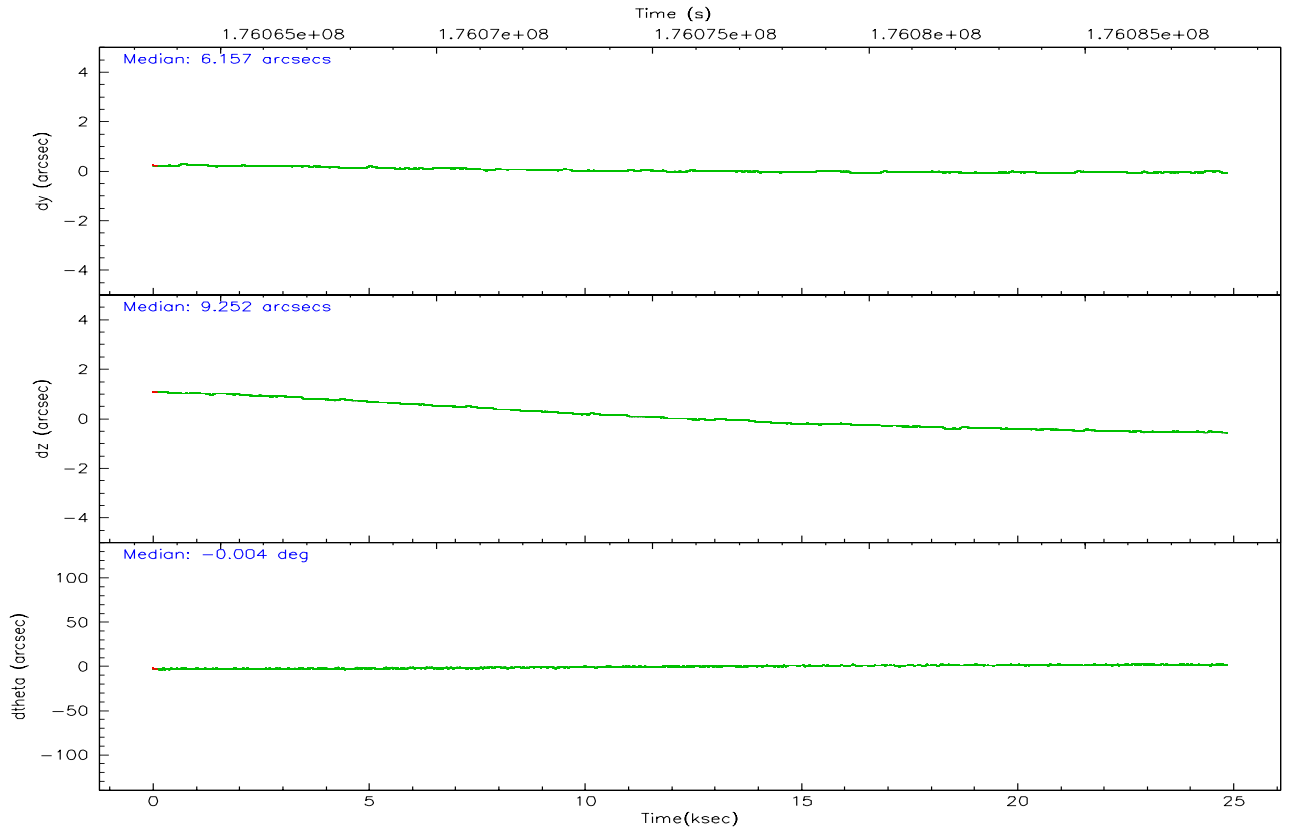
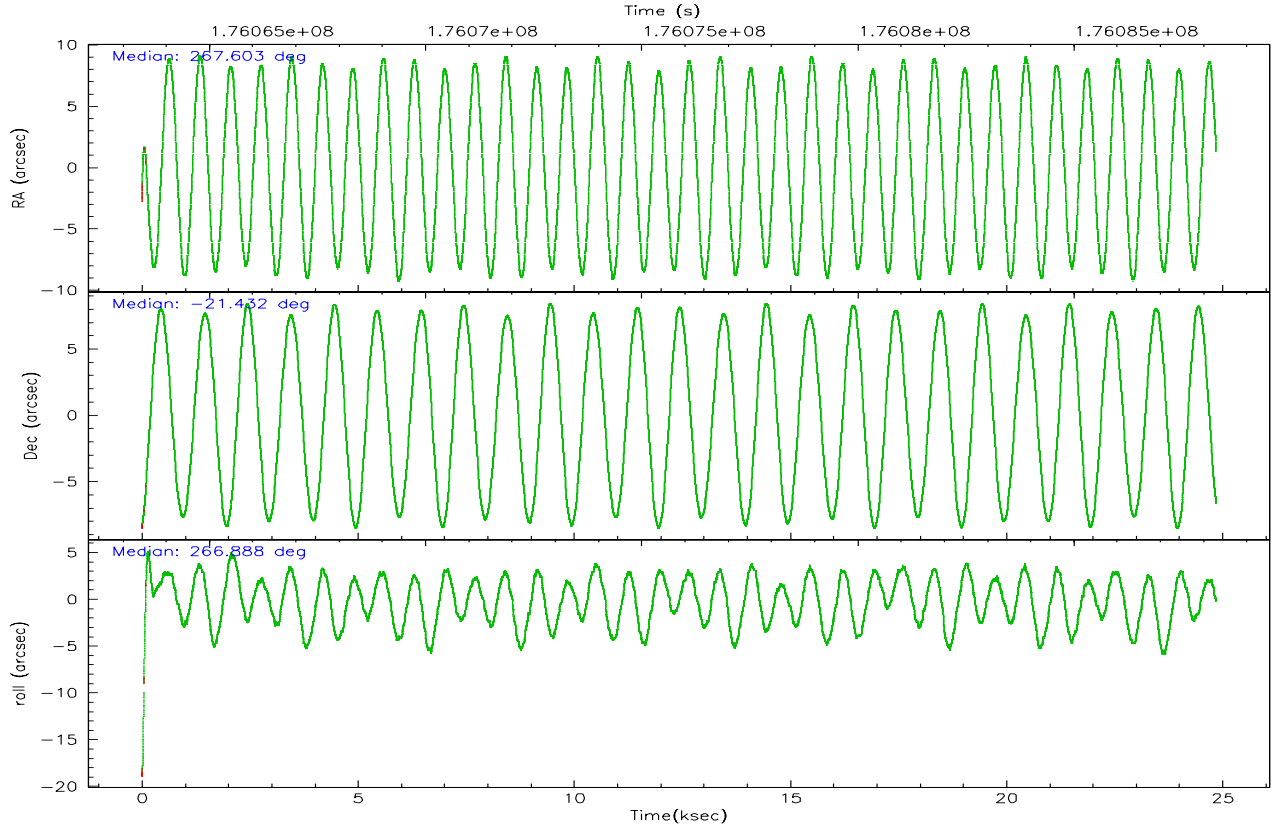
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	9161	8921	8825	5189	15519
	5%	5%	5%	2%	7%
grade 1 events	74	89	83	131	122
	0%	0%	0%	0%	0%
grade 2 events	3755	3494	3940	20248	9255
	2%	2%	2%	9%	4%
grade 3 events	1773	1861	1841	4363	4485
	1%	1%	1%	2%	2%
grade 4 events	1776	1812	1885	4291	4236
	1%	1%	1%	2%	2%
grade 5 events	5970	6752	7172	13856	9252
	3%	4%	4%	6%	4%
grade 6 events	2996	3084	3790	47530	10894
	1%	2%	2%	22%	5%
grade 7 events	129097	124985	132784	116606	149482
	83%	82%	82%	54%	73%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23678	ACIS-23678	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	267.589457	267.6030550416575	Alternating exposures requested	N	N
Pointing Dec	-21.407988	-21.43207904837208	Primary exposure time	0.000000	3.1
Pointing Roll	266.733524	266.8951132029756			
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	176063579.184000	176062394.1526			
Observation start date	2003-07-31T18:31:55	2003-07-31T18:13:14			
Observation end time	176088288.184000	176088642.86622			
Observation end date	2003-08-01T01:23:44	2003-08-01T01:30:42			
Read mode	TIMED	TIMED			

2.3 Aspect



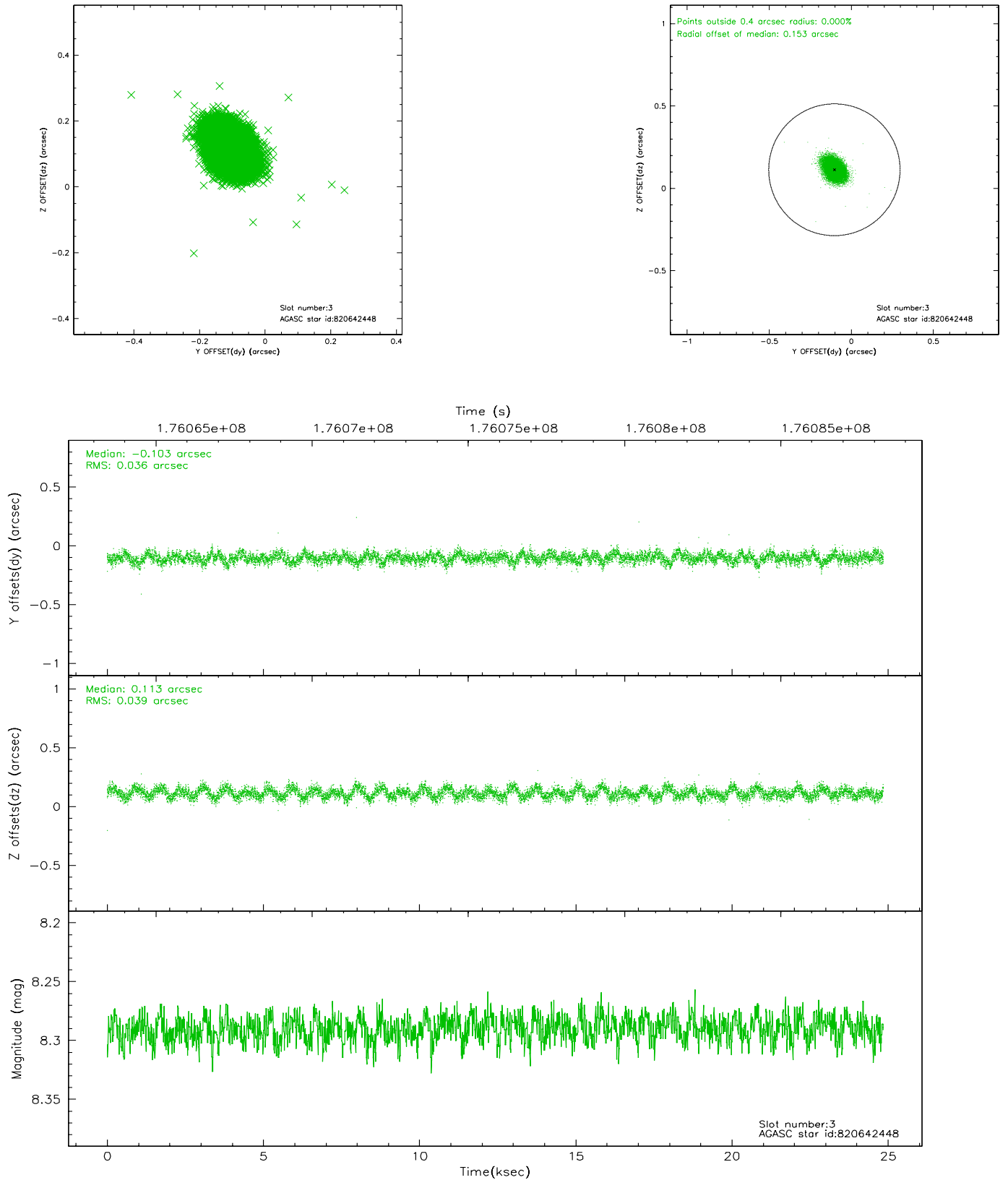


Slot Statistics

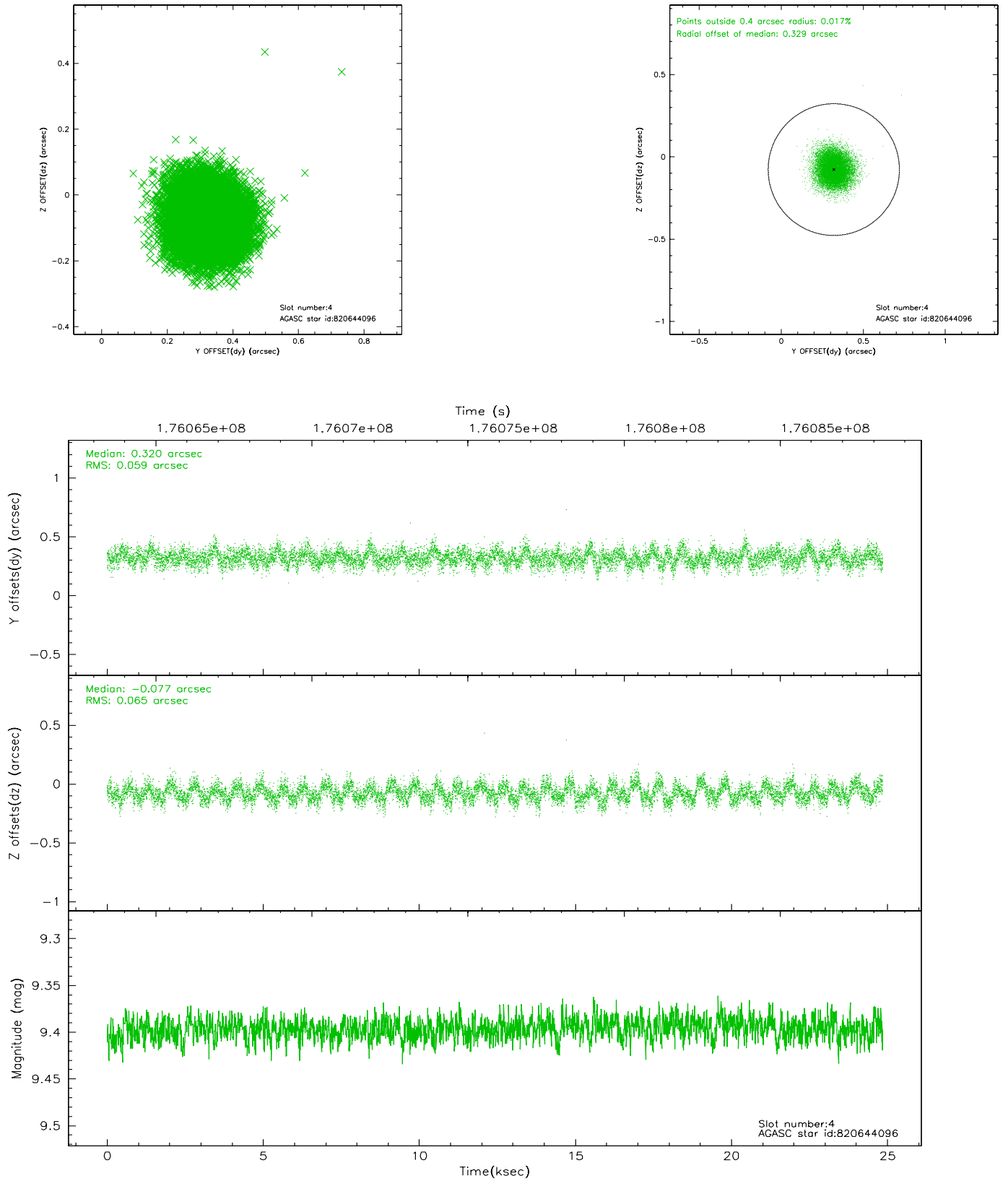
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	6029	-0.039	-0.011	0.014	0.022	0.000000	0.000000	-758.95	-1730.61
1	FID	ACIS-S-4	7.20	6025	0.020	0.021	0.006	0.010	0.000000	0.000000	2154.32	177.80
2	FID	ACIS-S-5	7.23	6029	-0.013	-0.002	0.014	0.022	0.000000	0.000000	-1811.62	171.56
3	GUIDE	820642448	8.29	12082	-0.103	0.113	0.056	0.090	267.956852	-21.058711	-1324.20	1160.89
4	GUIDE	820644096	9.40	12081	0.320	-0.077	0.094	0.148	267.663040	-21.931123	1866.75	353.09
5	GUIDE	820644800	8.85	12069	-0.163	0.001	0.063	0.102	267.803773	-20.964535	-1634.19	628.41
6	GUIDE	820645592	9.26	12069	0.052	-0.066	0.082	0.135	267.049228	-21.728492	1258.38	-1737.53
7	GUIDE	820776864	9.04	12070	-0.107	0.024	0.080	0.130	268.262469	-20.850704	-2127.07	2146.43

2.4 Star Slots

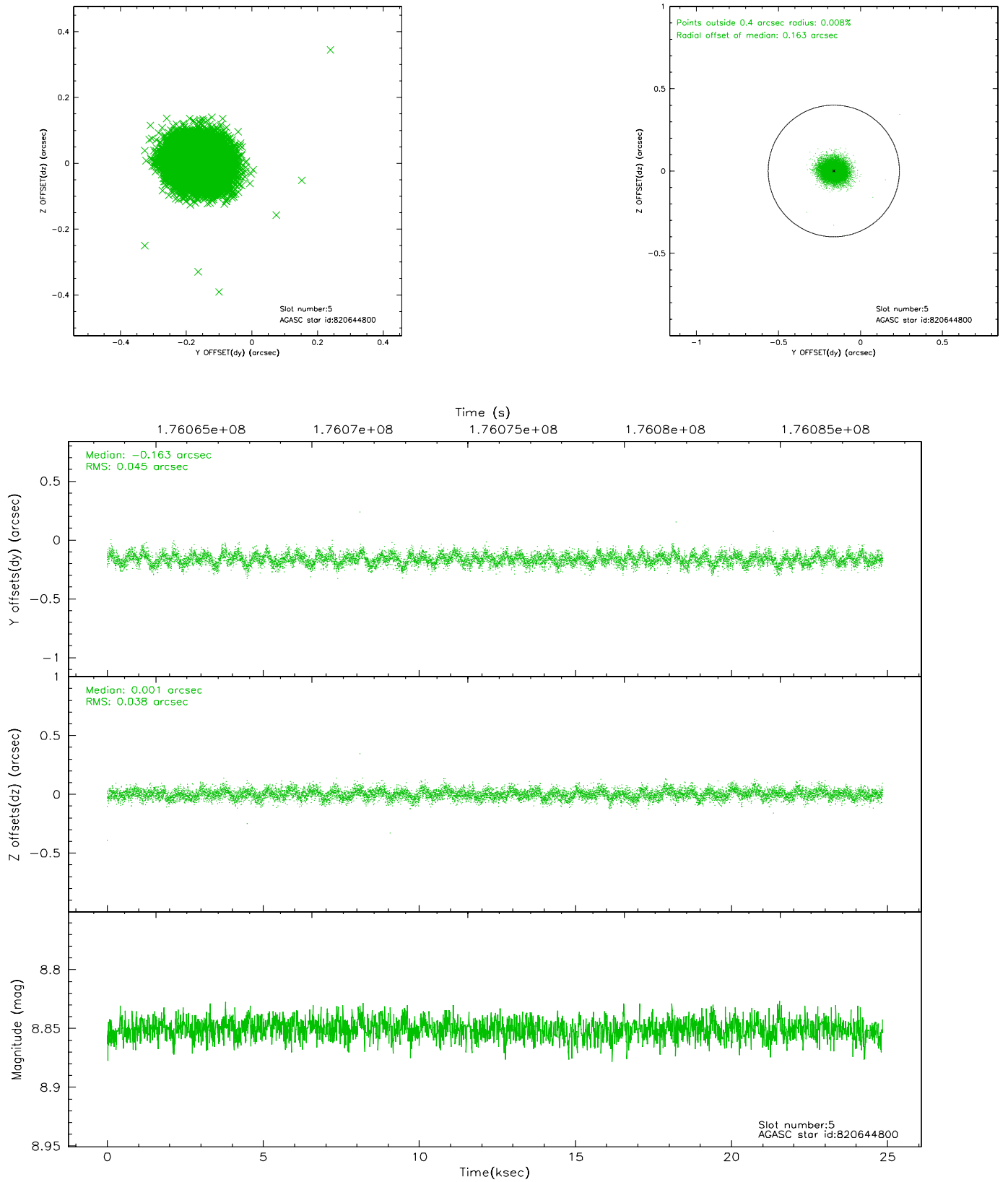
2.4.1 Slot 3



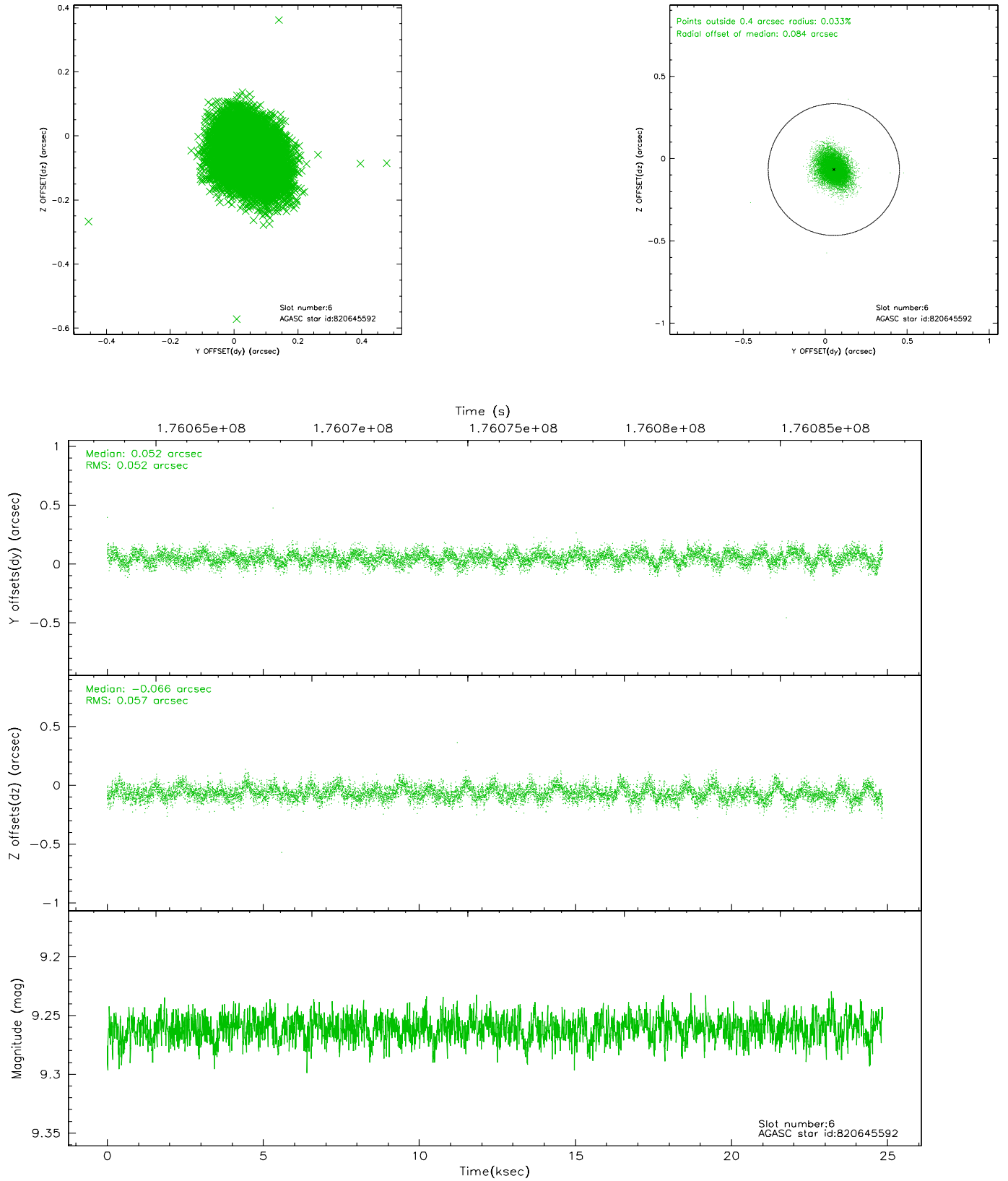
2.4.2 Slot 4



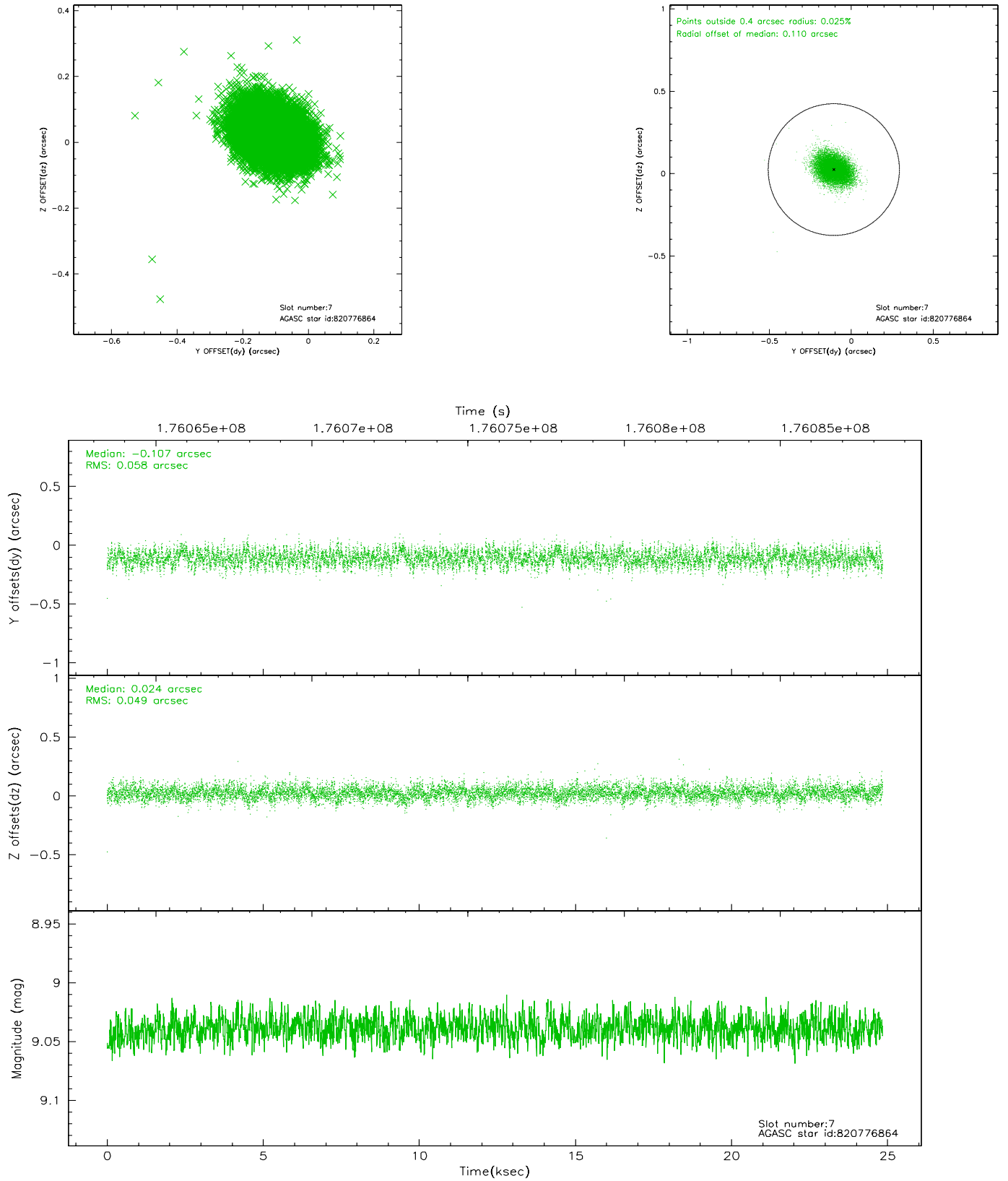
2.4.3 Slot 5



2.4.4 Slot 6

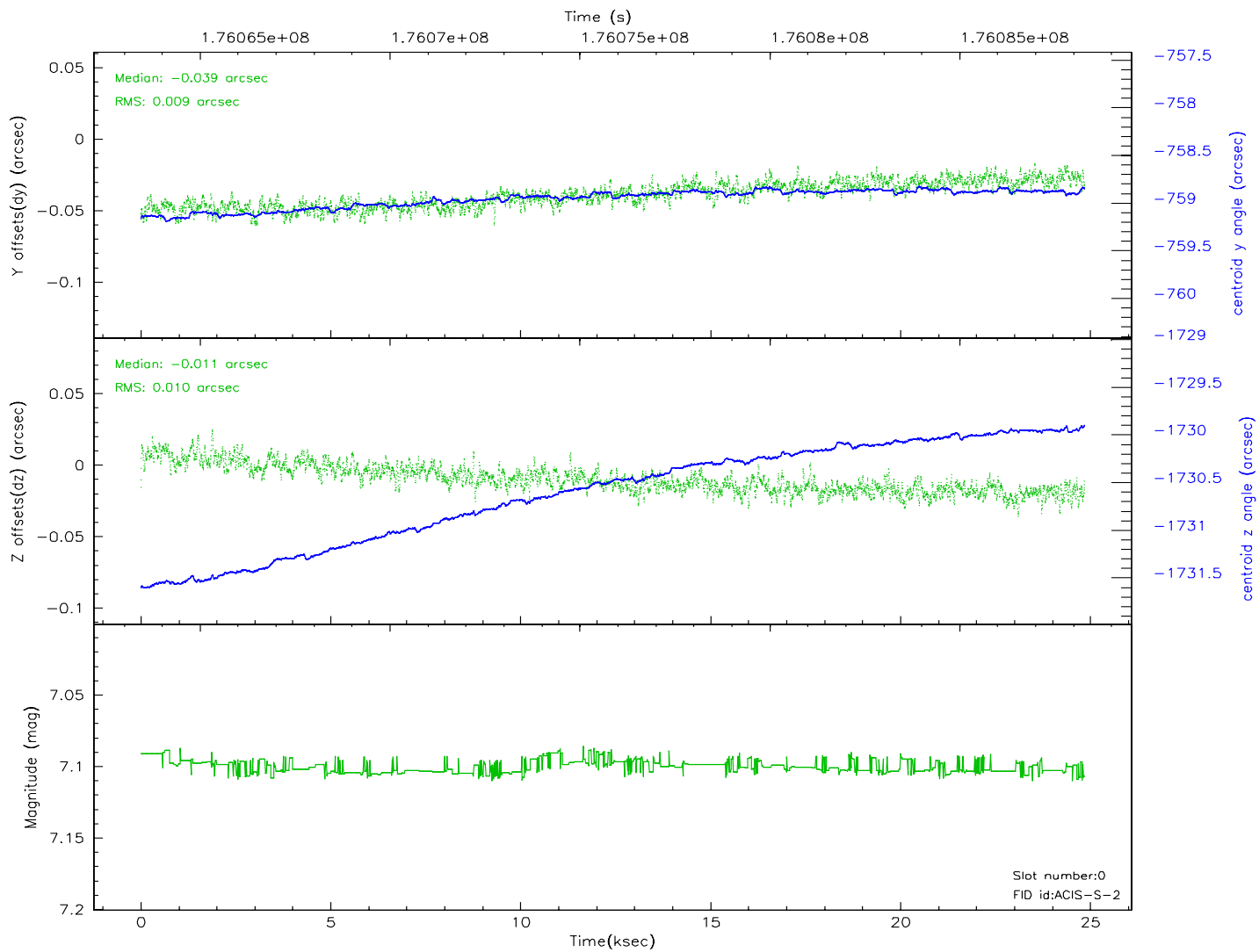
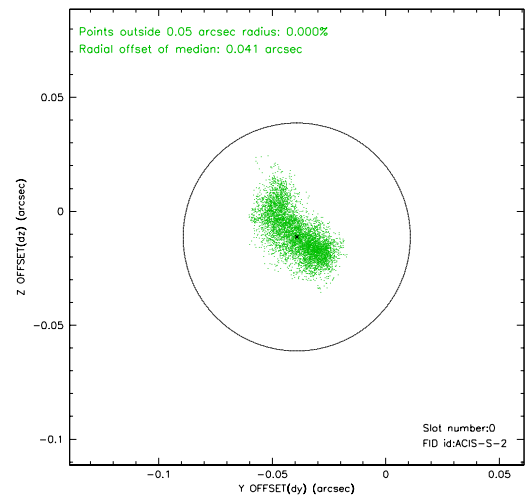
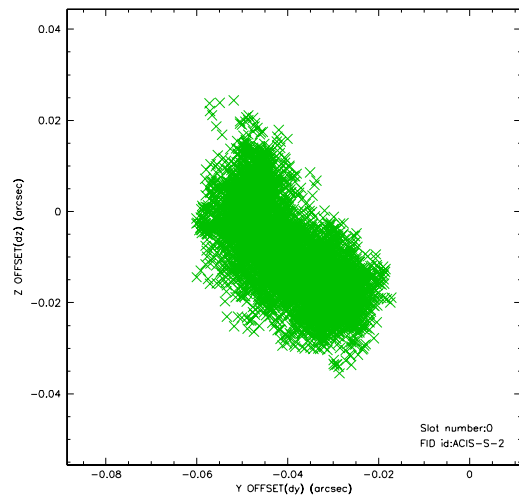


2.4.5 Slot 7

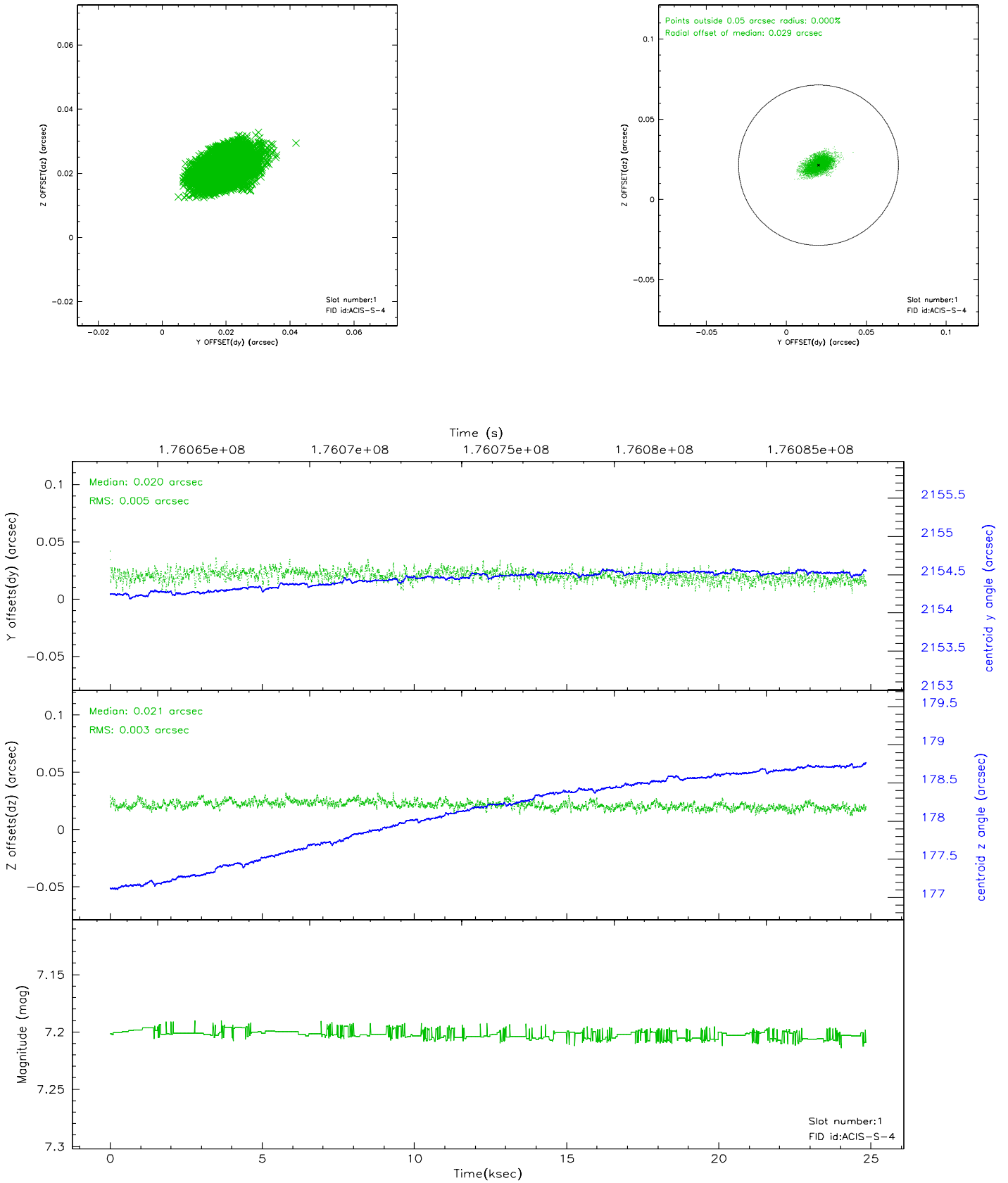


2.5 FID Slots

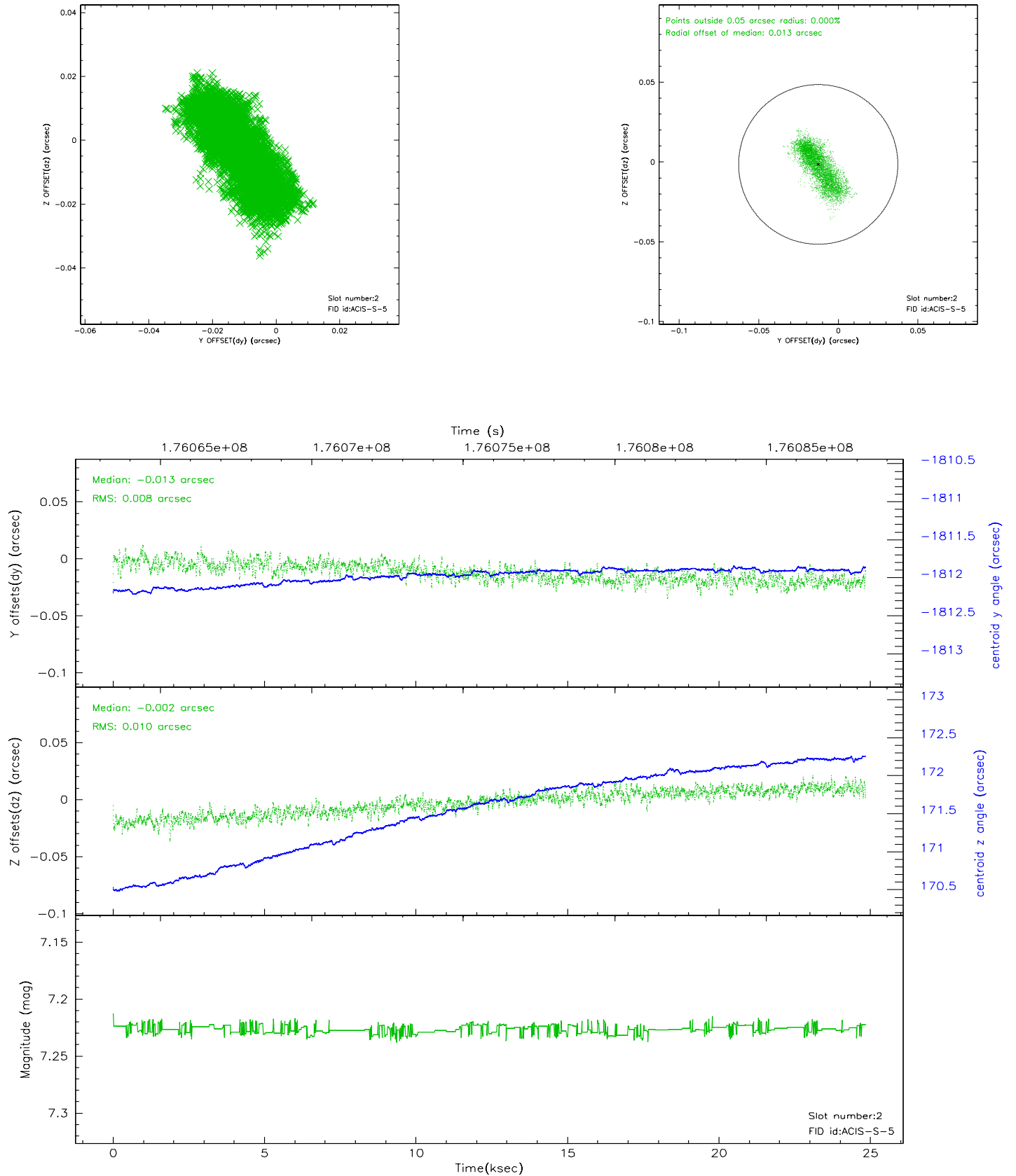
2.5.1 Slot 0



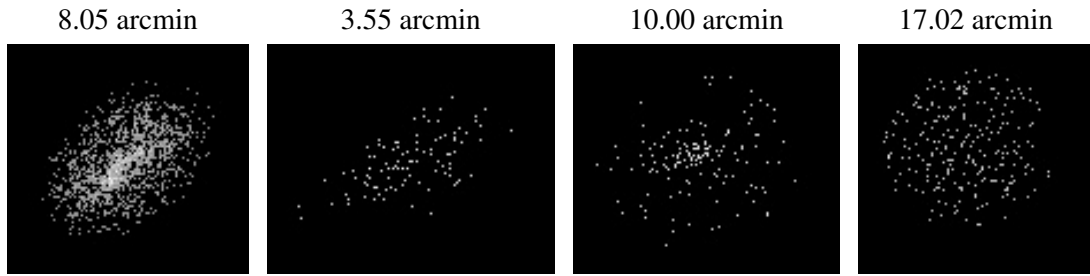
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	24.8

A.2 Comments