

V&V Reference Report

L2 ASCDS Version : 7.6.11.6

Observation 4546 - L2 Version 3
Chandra X-Ray Center

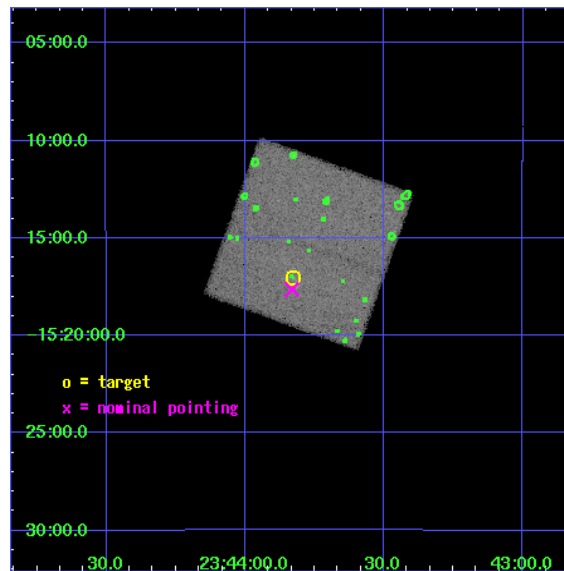
L2 Processing Date : Apr 21 2008

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1 Front

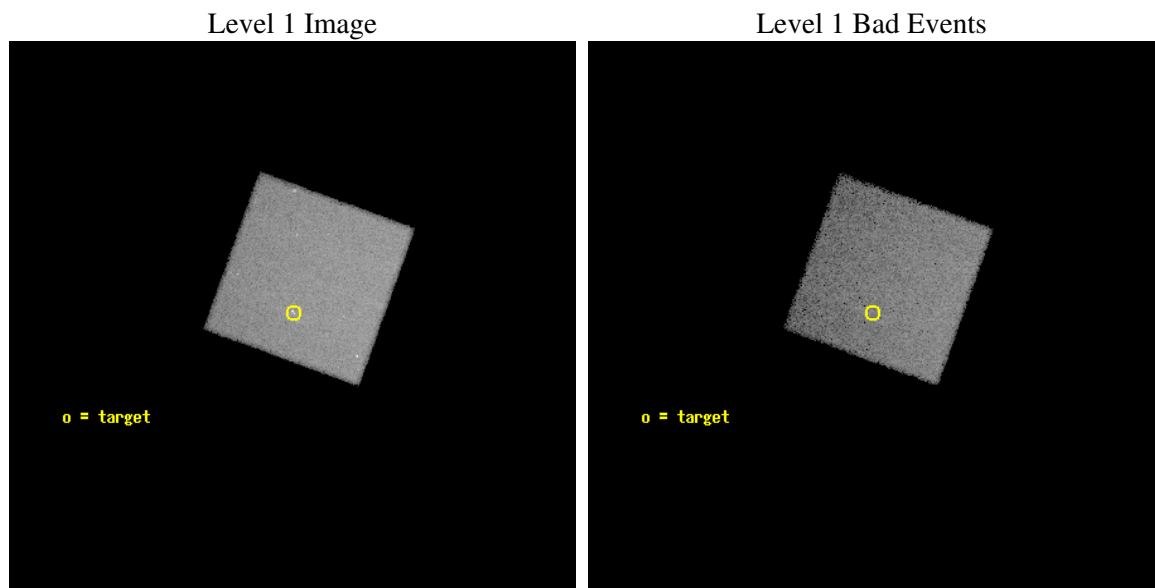
seq_num	300140
obs_id	4546
title	X-ray jets in Symbiotics Stars
observer	Dr. Edwin Kellogg
object	R Aqr
dtcycle	0
cycle	P
ra_targ	355.95625
dec_targ	-15.2845
ra_nom	355.95794046607
dec_nom	-15.294013386335
roll_nom	289.86577181792
revision	3
ontime	37023.0
livetime	36523.360429327
ontime7	37023.0
l2events	134709



2 OBI

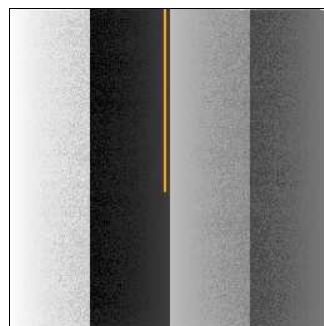
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.11.6
caldbver	3.4.4
date	2008-04-21T13:52:19
revision	3

sched_exp_time	37000.000000
ontime	37023.0
ontime7	37023.0
l1events	334434

2.1.4 Events

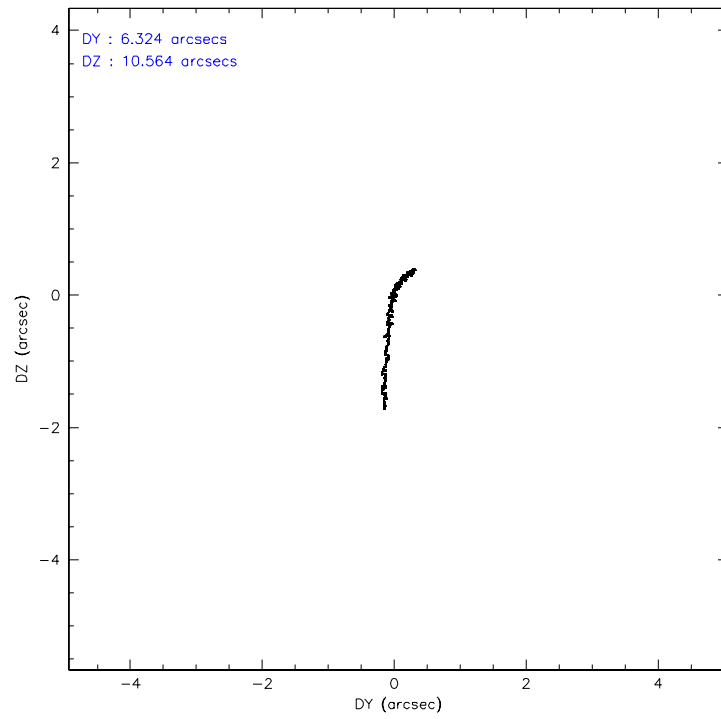
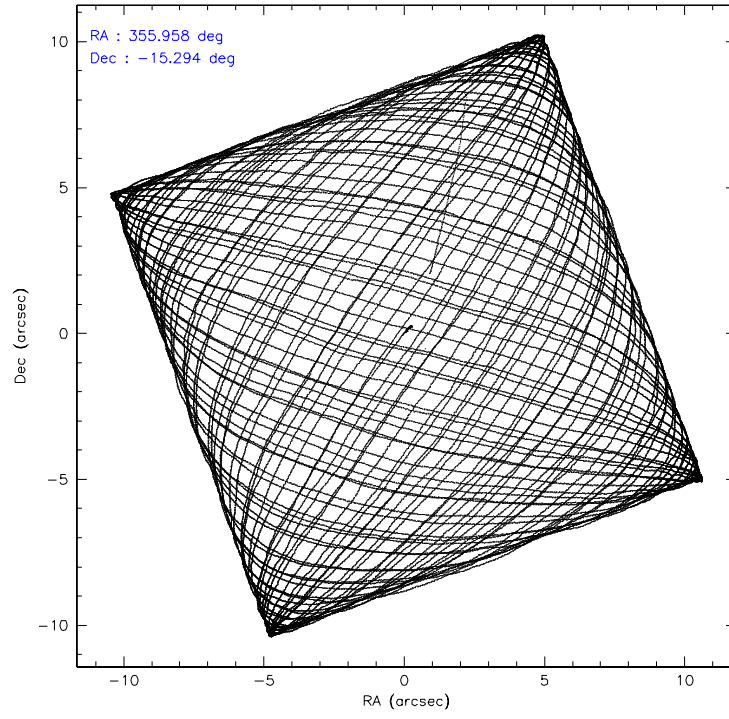
	ccd 7
level 1 events	334434
rejected events	196604
rejected %	58%

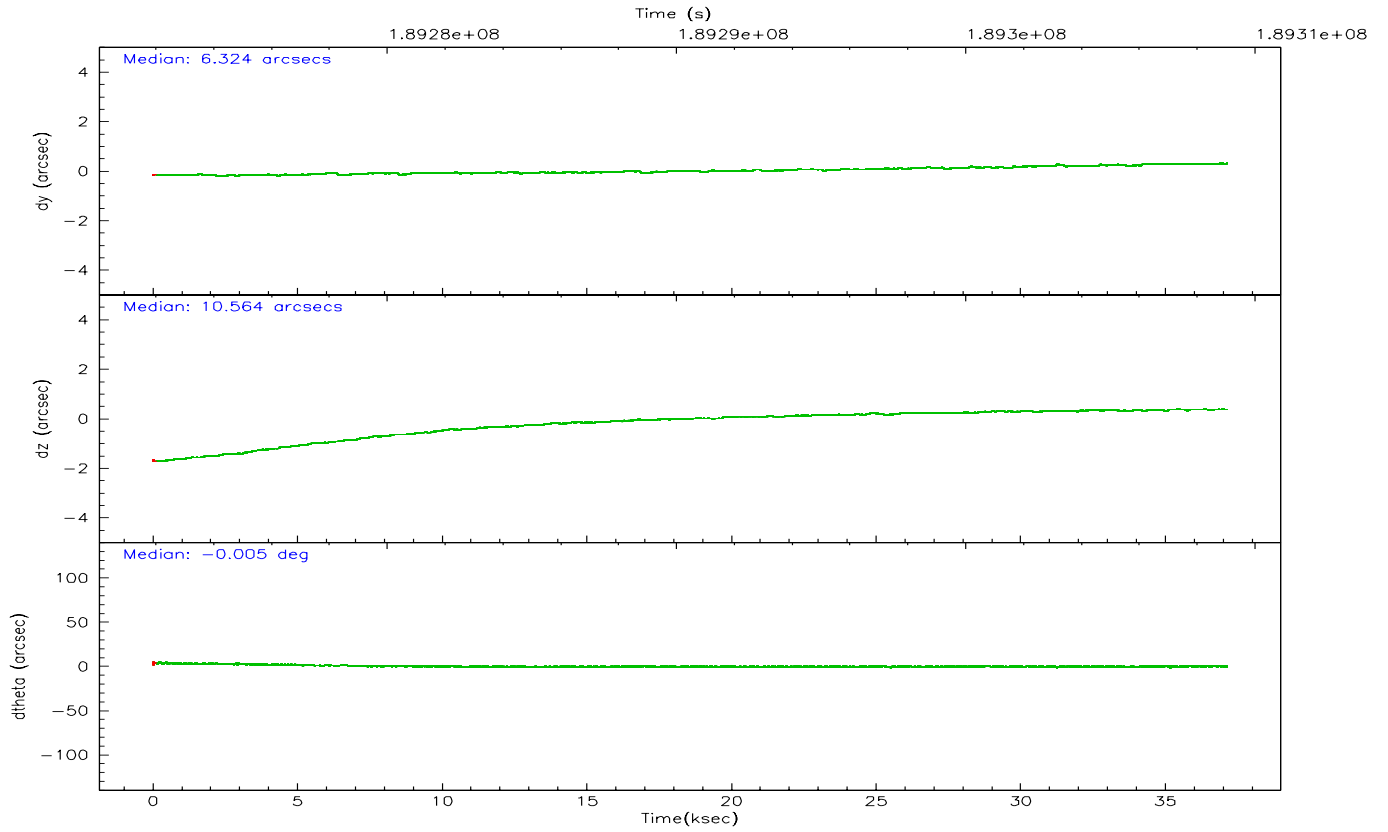
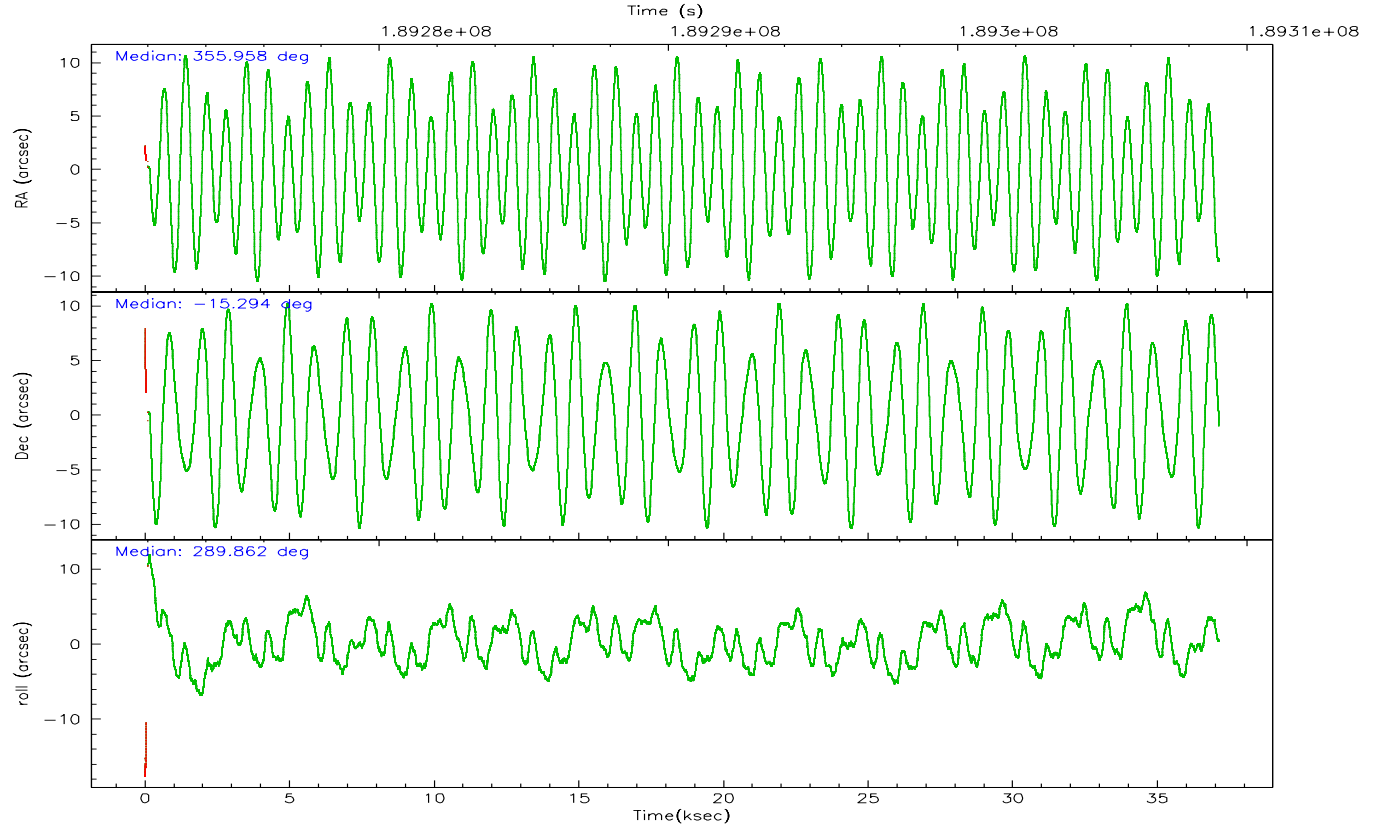
	ccd 7
grade 0 events	14379
	4%
grade 1 events	292
	0%
grade 2 events	28069
	8%
grade 3 events	12734
	3%
grade 4 events	12775
	3%
grade 5 events	31439
	9%
grade 6 events	75749
	22%
grade 7 events	158997
	47%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	355.936124	355.957940466072	Subarray requested	NONE	NONE
Pointing Dec	-15.276765	-15.29401338633497	Alternating exposures requested	N	N
Pointing Roll	289.703403	289.8657718179169	Primary exposure time	0.000000	3
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	189272043.184000	189270340.74656			
Observation start date	2003-12-31T15:32:59	2003-12-31T15:05:40			
Observation end time	189309043.184000	189310814.41082			
Observation end date	2004-01-01T01:49:39	2004-01-01T02:20:14			
Read mode	TIMED	TIMED			

2.3 Aspect



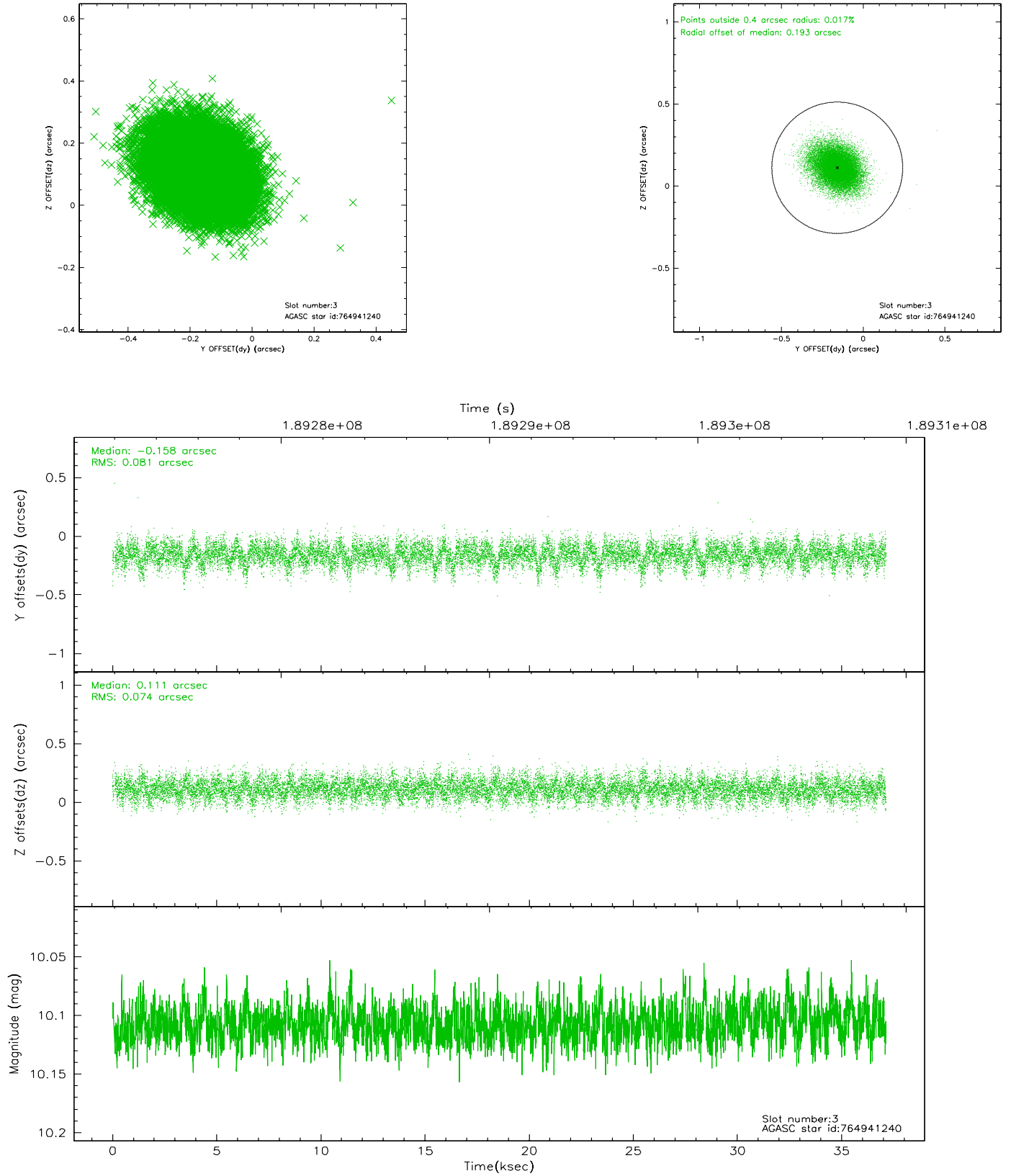


Slot Statistics

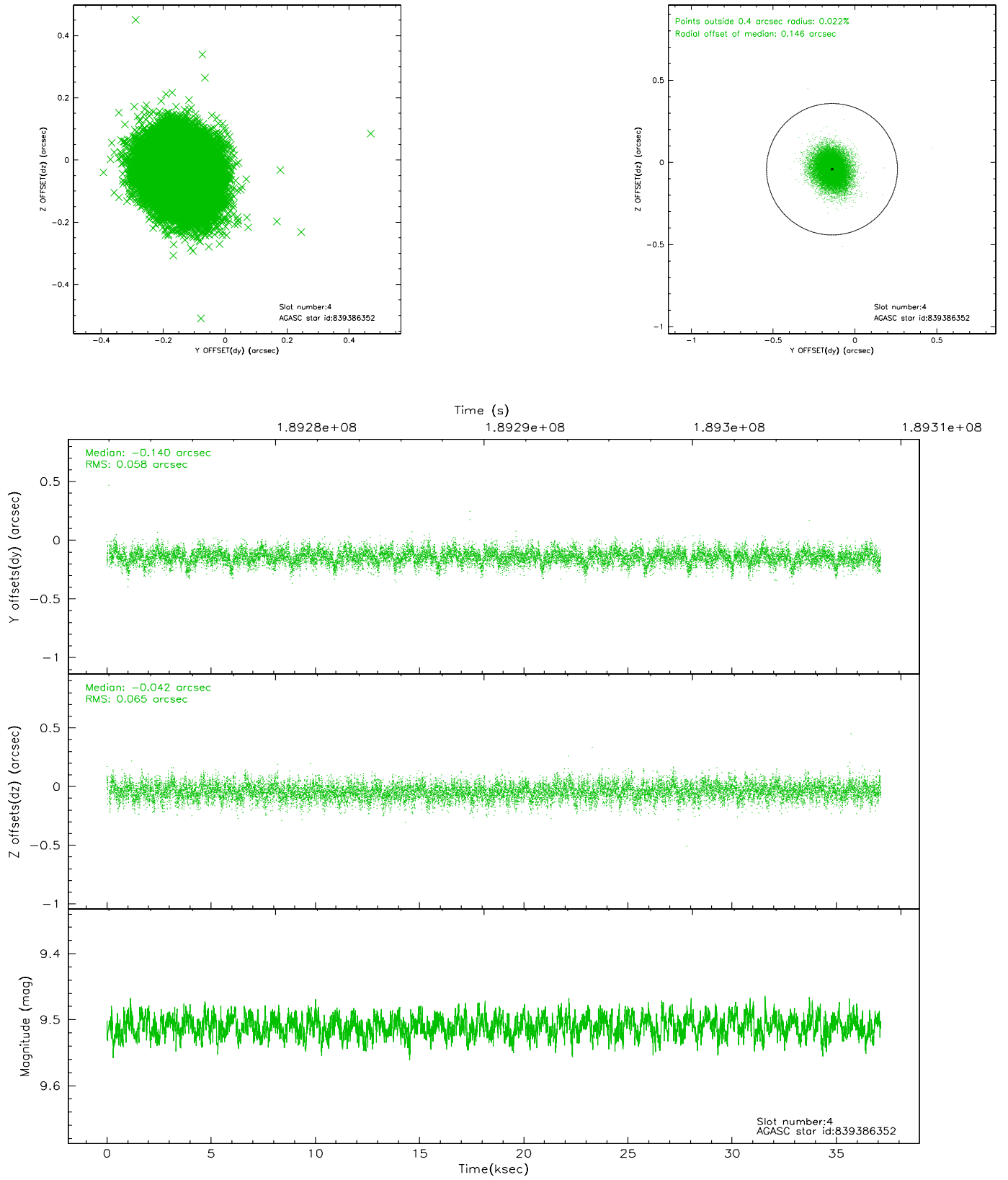
	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2
	FID	ACIS-S-2	7.10	9043	-0.056	-0.016	0.011	0.029
	FID	ACIS-S-4	7.20	9043	0.076	0.032	0.009	0.016
	FID	ACIS-S-5	7.23	9043	-0.050	-0.007	0.010	0.030
	GUIDE	764941240	10.11	18077	-0.158	0.111	0.116	0.190
	GUIDE	839386352	9.51	18068	-0.140	-0.042	0.092	0.151
	GUIDE	839386400	9.27	18069	0.079	0.017	0.096	0.158
	GUIDE	839390608	9.75	18073	0.223	-0.090	0.106	0.180
0.000	0.000	0.000	0.000000	0.000000	0.00	0.00		

2.4 Star Slots

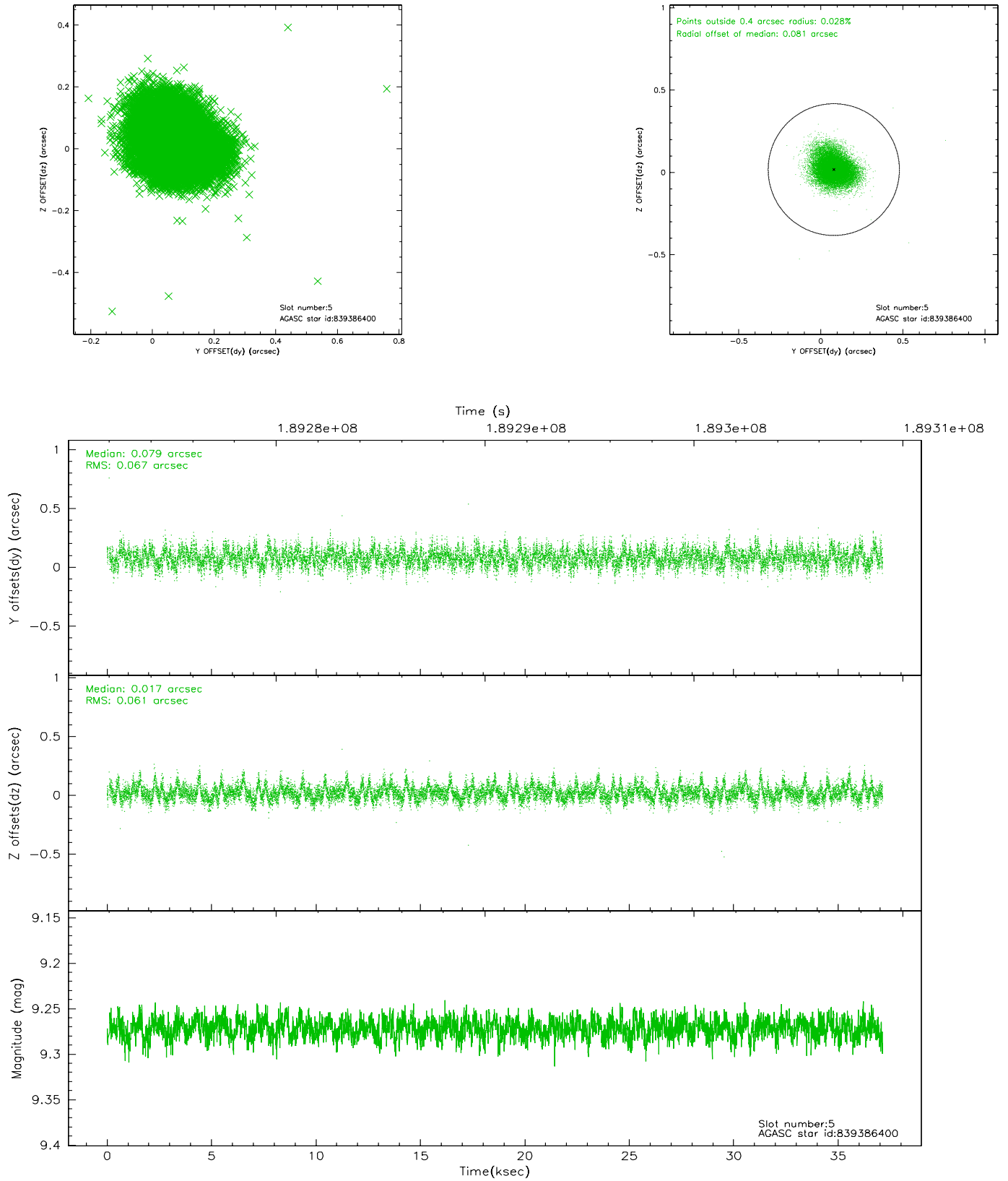
2.4.1 Slot 3



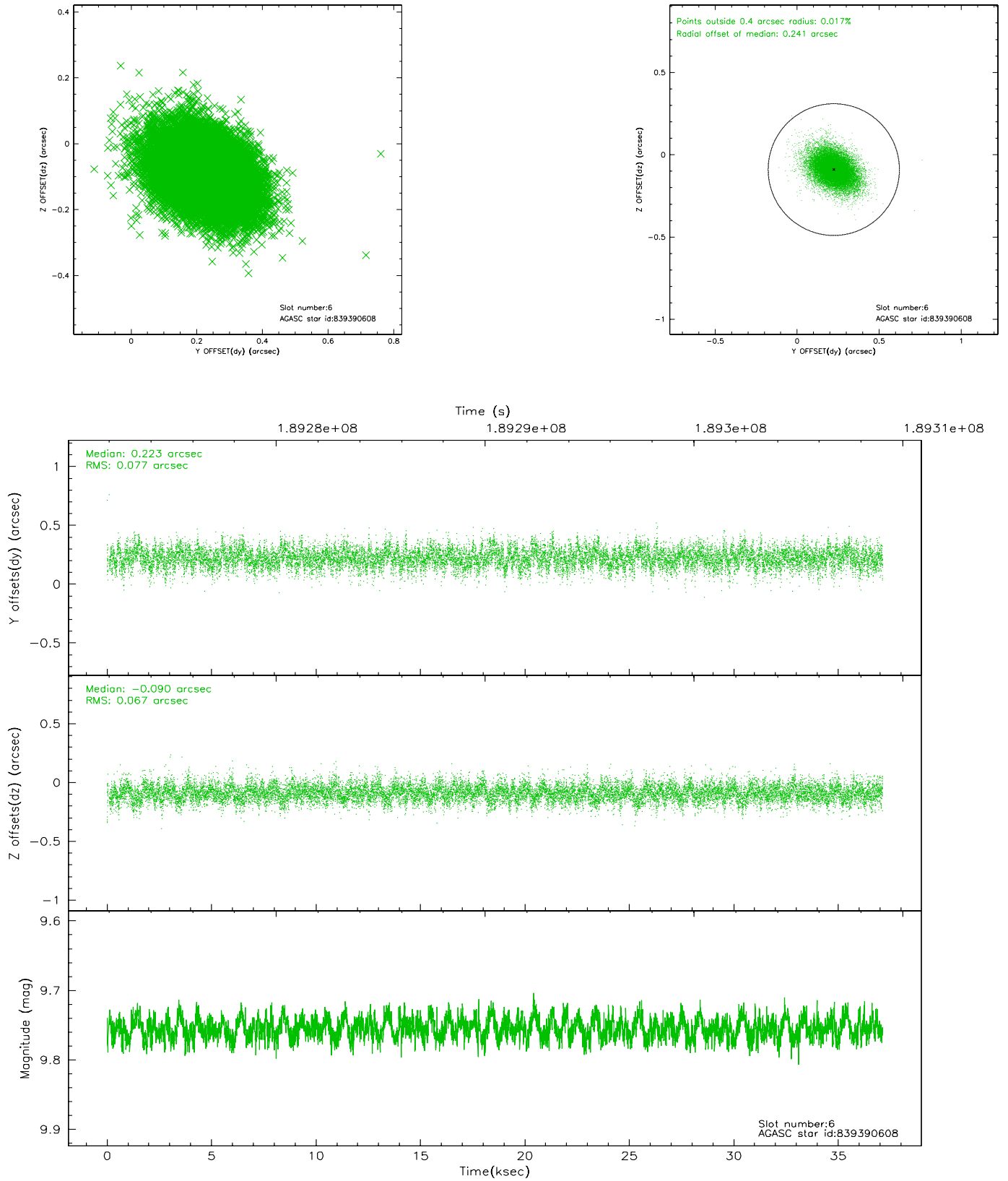
2.4.2 Slot 4



2.4.3 Slot 5

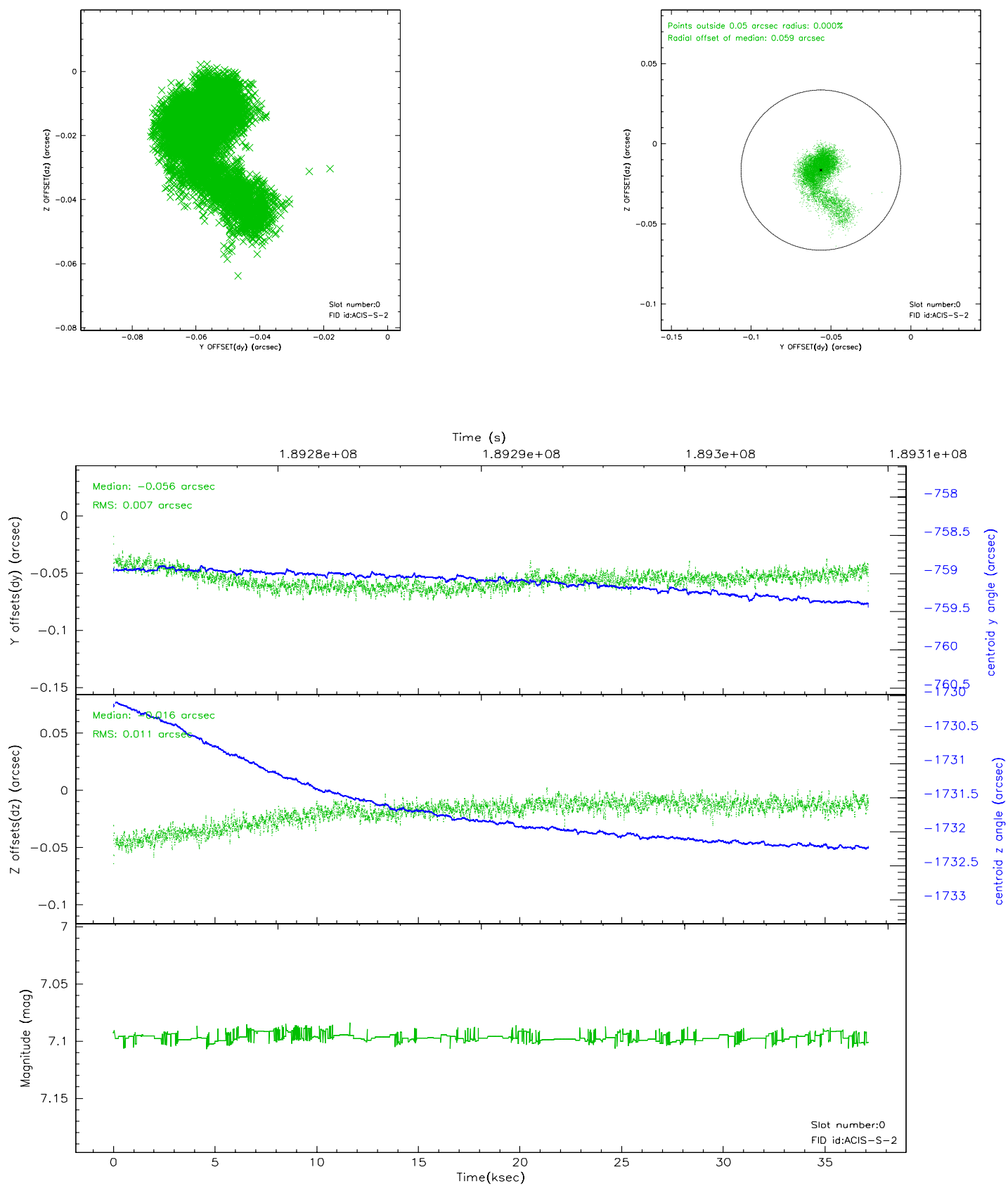


2.4.4 Slot 6

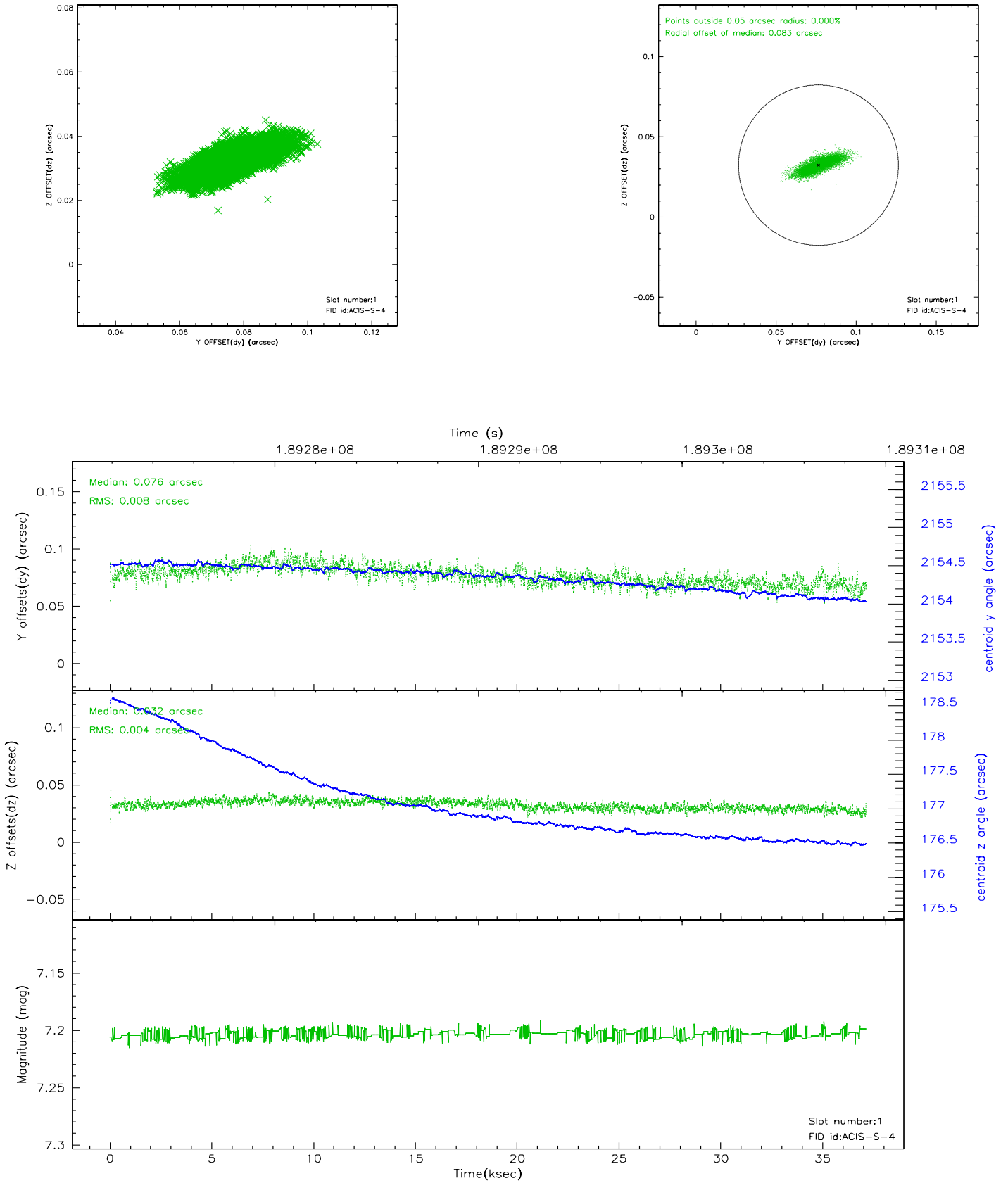


2.5 FID Slots

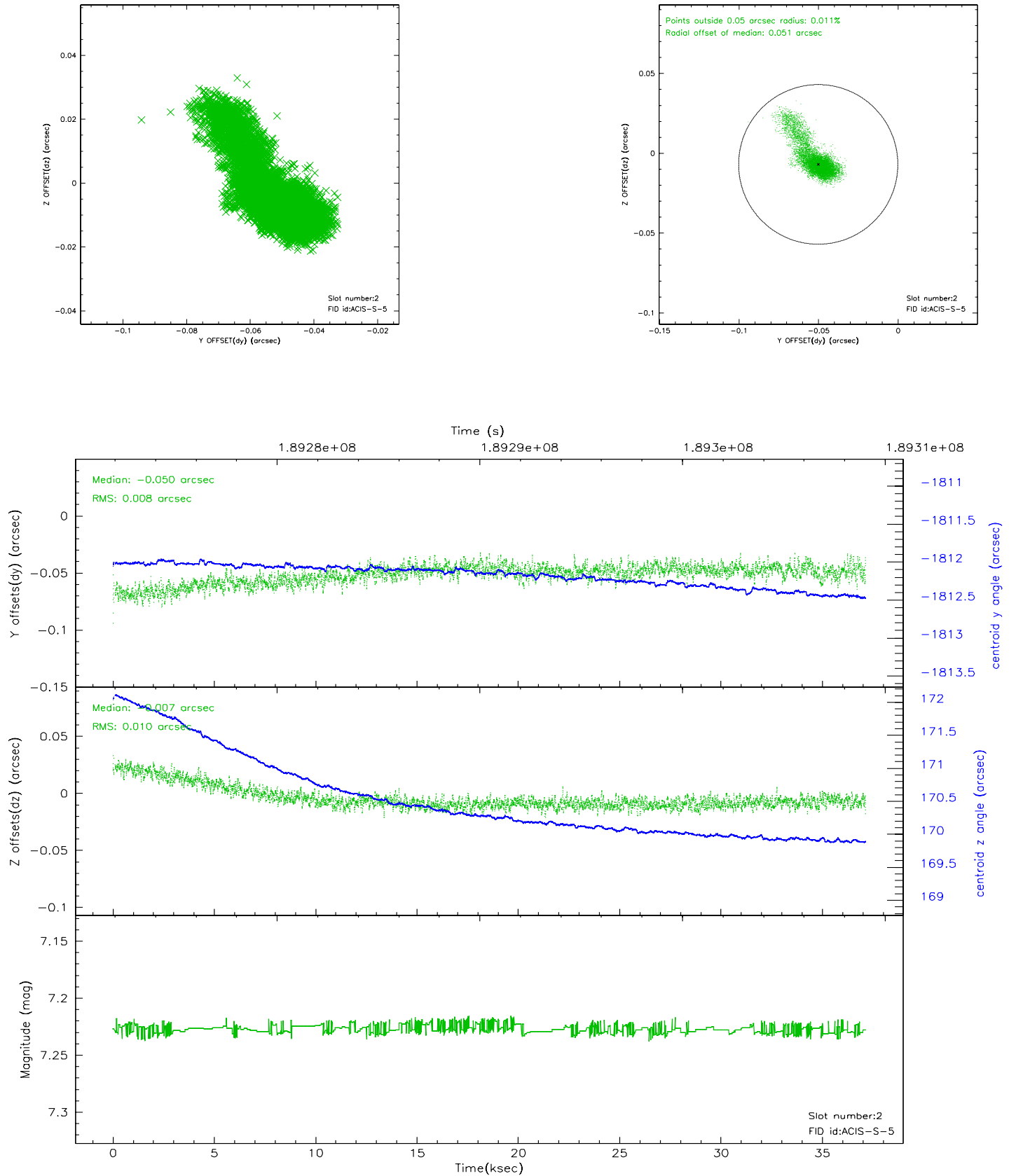
2.5.1 Slot 0



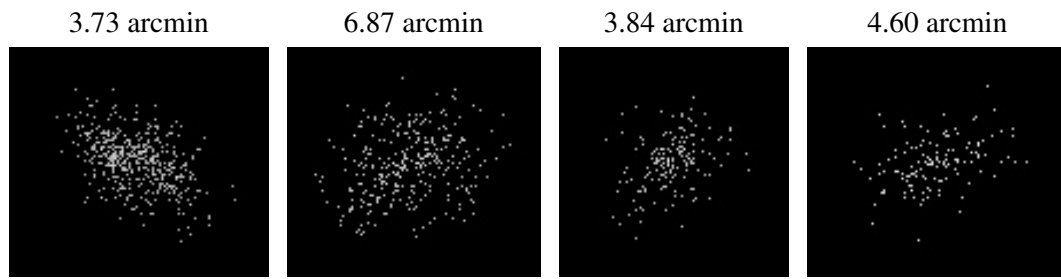
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2008.04.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	37.023

A.2 Comments