

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3464 - L2 Version 001
Chandra X-Ray Center

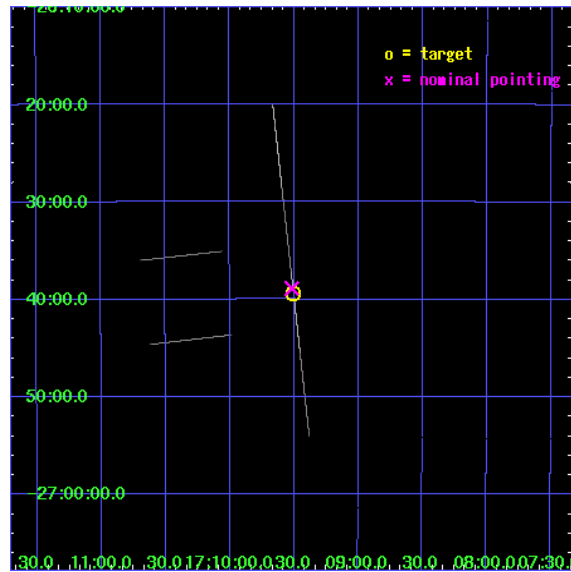
L2 Processing Date : Sep 9 2006

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1 Front

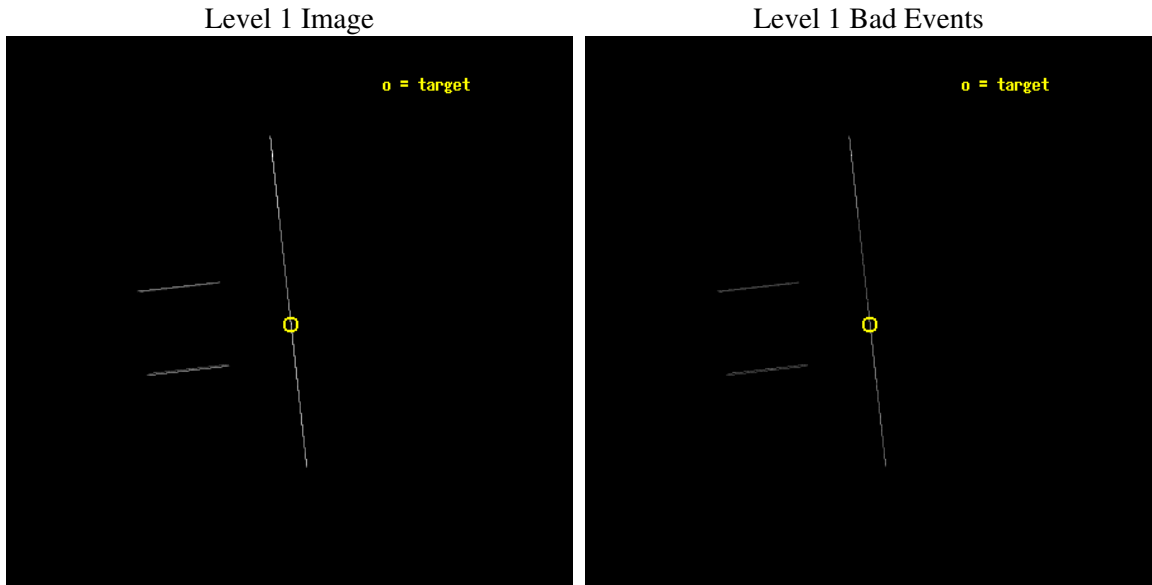
seq_num	400239
obs_id	3464
title	A FAINT NEUTRON STAR SOFT X-RAY TRANSIENT RETURNING TO QUIESCENCE
observer	Dr Peter Jonker
object	RX J170930.2-263927
ra_targ	257.375833
dec_targ	-26.6575
ra_nom	257.3790136328
dec_nom	-26.648166928409
roll_nom	83.580854498583
revision	2
ontime	5143.5
livetime	5123.408203125
ontime2	5143.5
ontime3	5143.5
ontime5	5143.5
ontime6	5143.5
ontime7	5143.5
ontime8	5143.5
l2events	60713



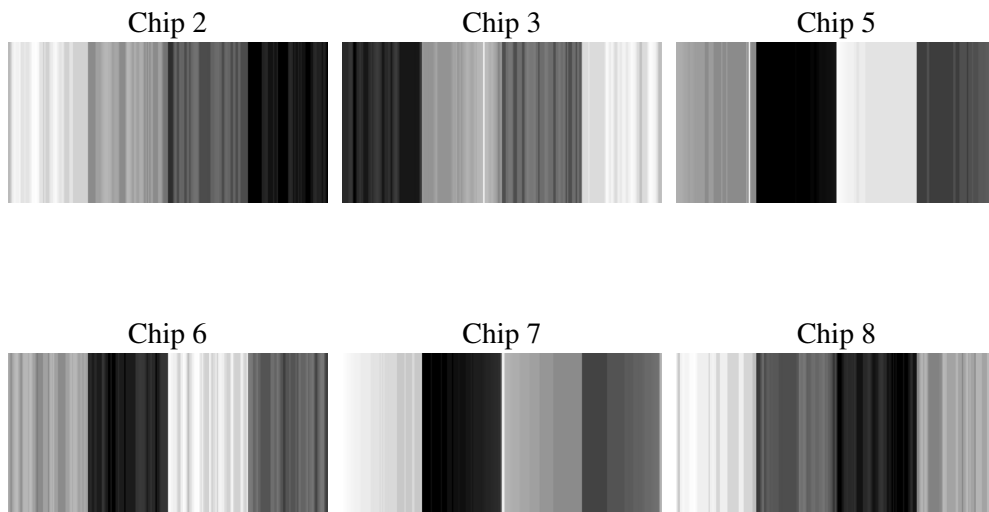
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8.1
caldsver	3.2.3
date	2006-09-09T10:00:33
revision	2

sched_exp_time	5000.000000
ontime	6081.8970738649
ontime2	6081.8398498446
ontime3	6081.9111385643
ontime5	6081.8976326883
ontime6	6081.8973391205
ontime7	6081.8970738649
ontime8	6081.8967784047
l1events	107281

2.1.4 Events

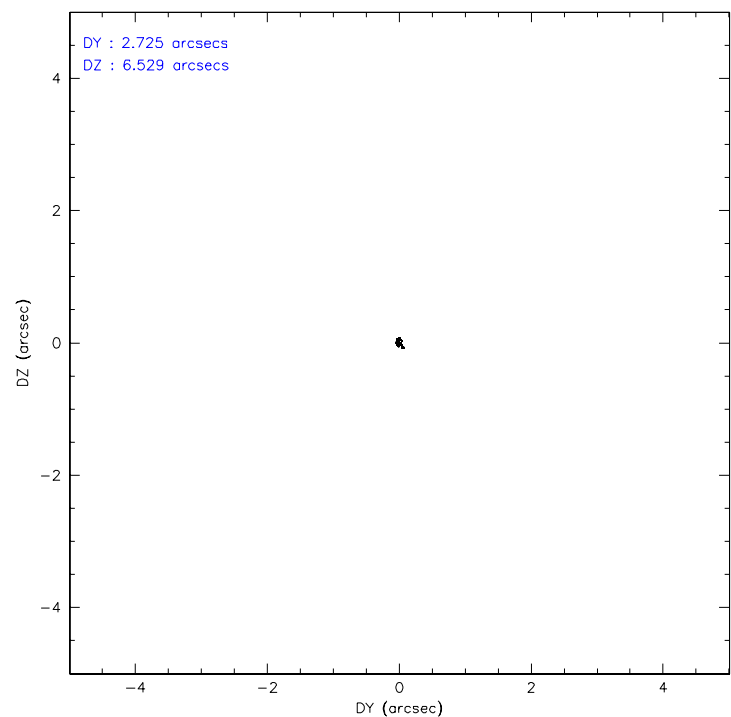
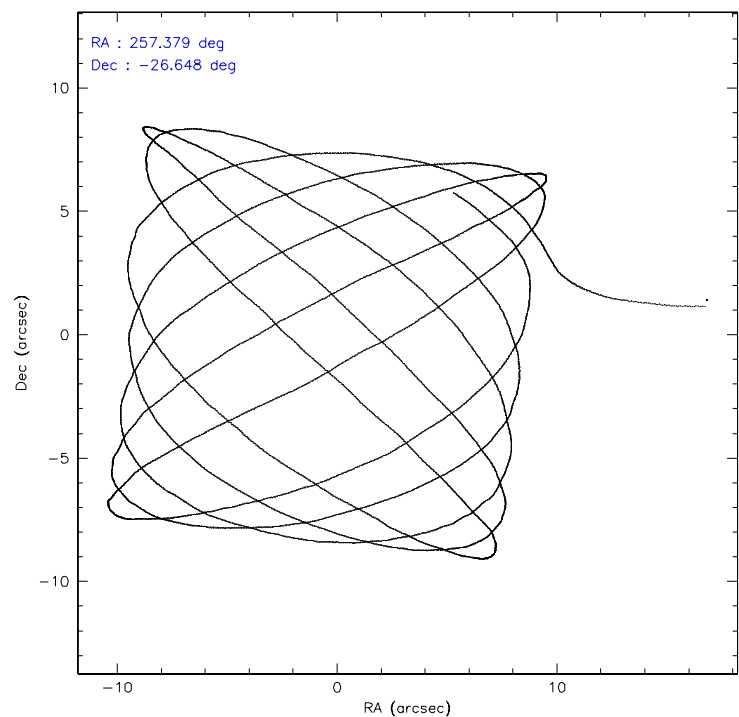
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	7695	8599	38705	8437	27227	16618
rejected events	2280	2597	8316	2617	6931	4384
rejected %	29%	30%	21%	31%	25%	26%

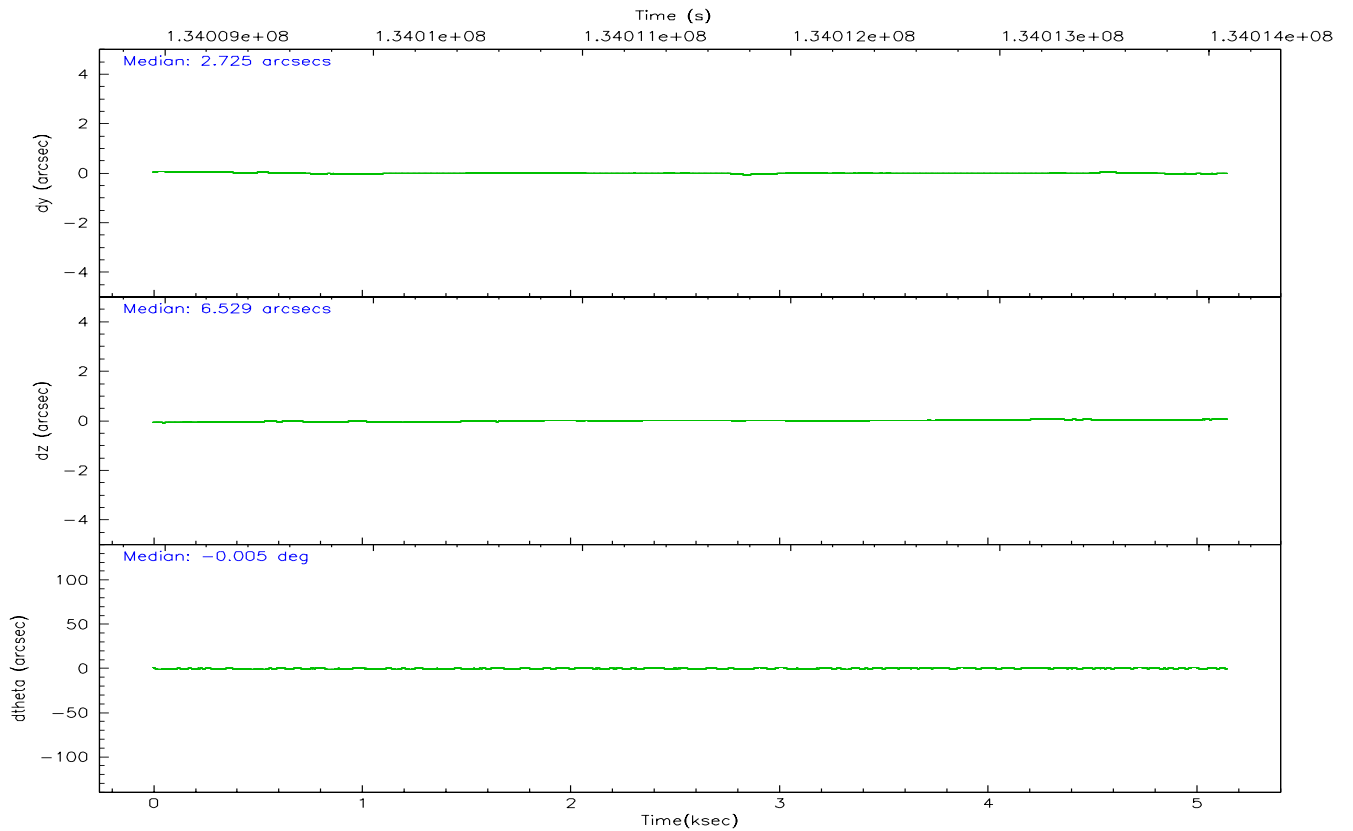
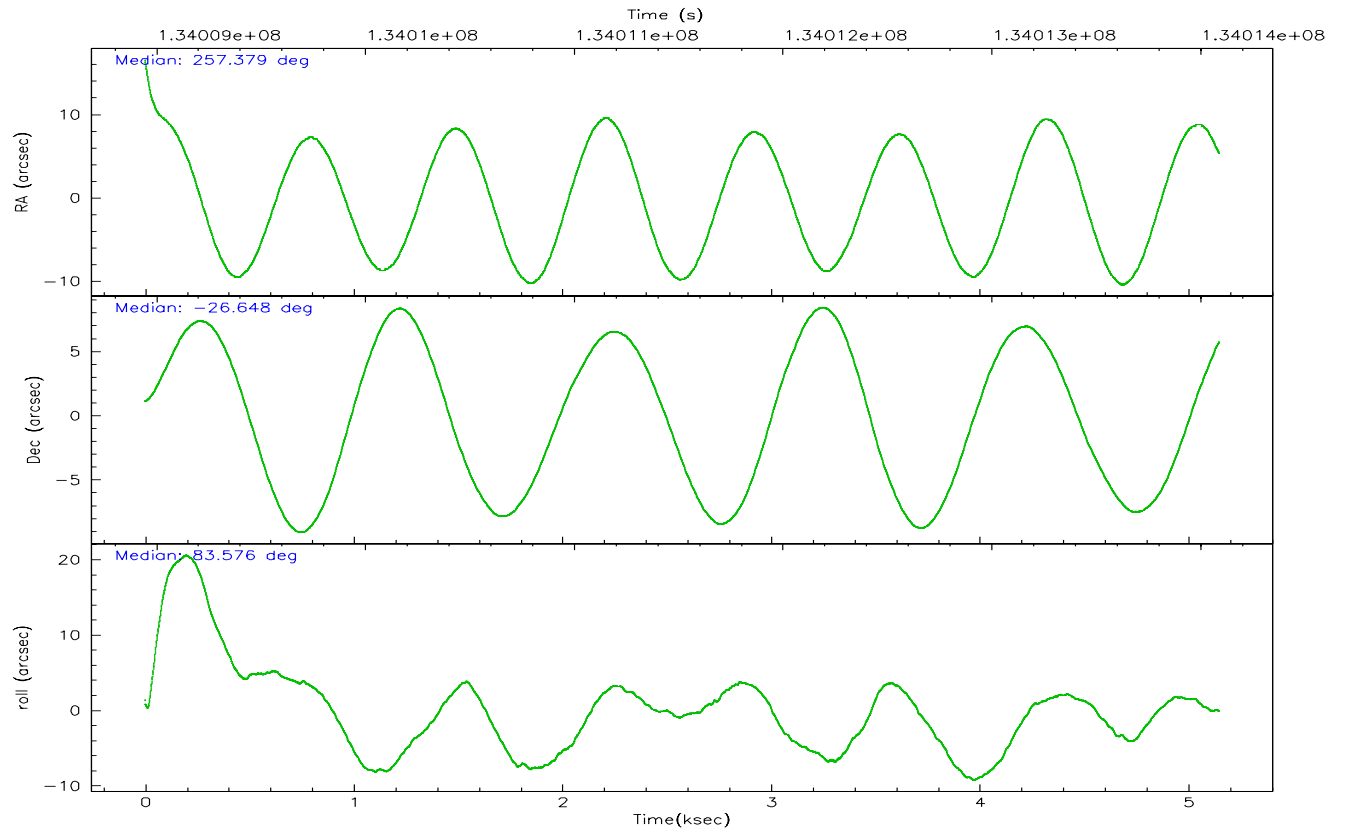
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	933	988	9768	873	2139	2958
	12%	11%	25%	10%	7%	17%
grade 1 events	23	35	32	22	37	58
	0%	0%	0%	0%	0%	0%
grade 2 events	2527	2757	9180	2723	6182	4468
	32%	32%	23%	32%	22%	26%
grade 3 events	827	1060	699	866	1284	1678
	10%	12%	1%	10%	4%	10%
grade 4 events	808	947	640	865	1170	1699
	10%	11%	1%	10%	4%	10%
grade 5 events	1292	1424	2845	1534	3554	2121
	16%	16%	7%	18%	13%	12%
grade 6 events	1285	1388	15541	1554	12861	3636
	16%	16%	40%	18%	47%	21%
grade 7 events	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	CC33_FAINT	CC33_FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	257.391470	257.3790136328008	Alternating exposures requested	N	N
Pointing Dec	-26.673036	-26.64816692840884	Primary exposure time	0.000000	0
Pointing Roll	83.429851	83.58085449858343			
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	134009089.184000	134008008.72581			
Observation start date	2002-04-01T00:43:45	2002-04-01T00:26:48			
Observation end time	134014089.184000	134014851.11359			
Observation end date	2002-04-01T02:07:05	2002-04-01T02:20:51			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



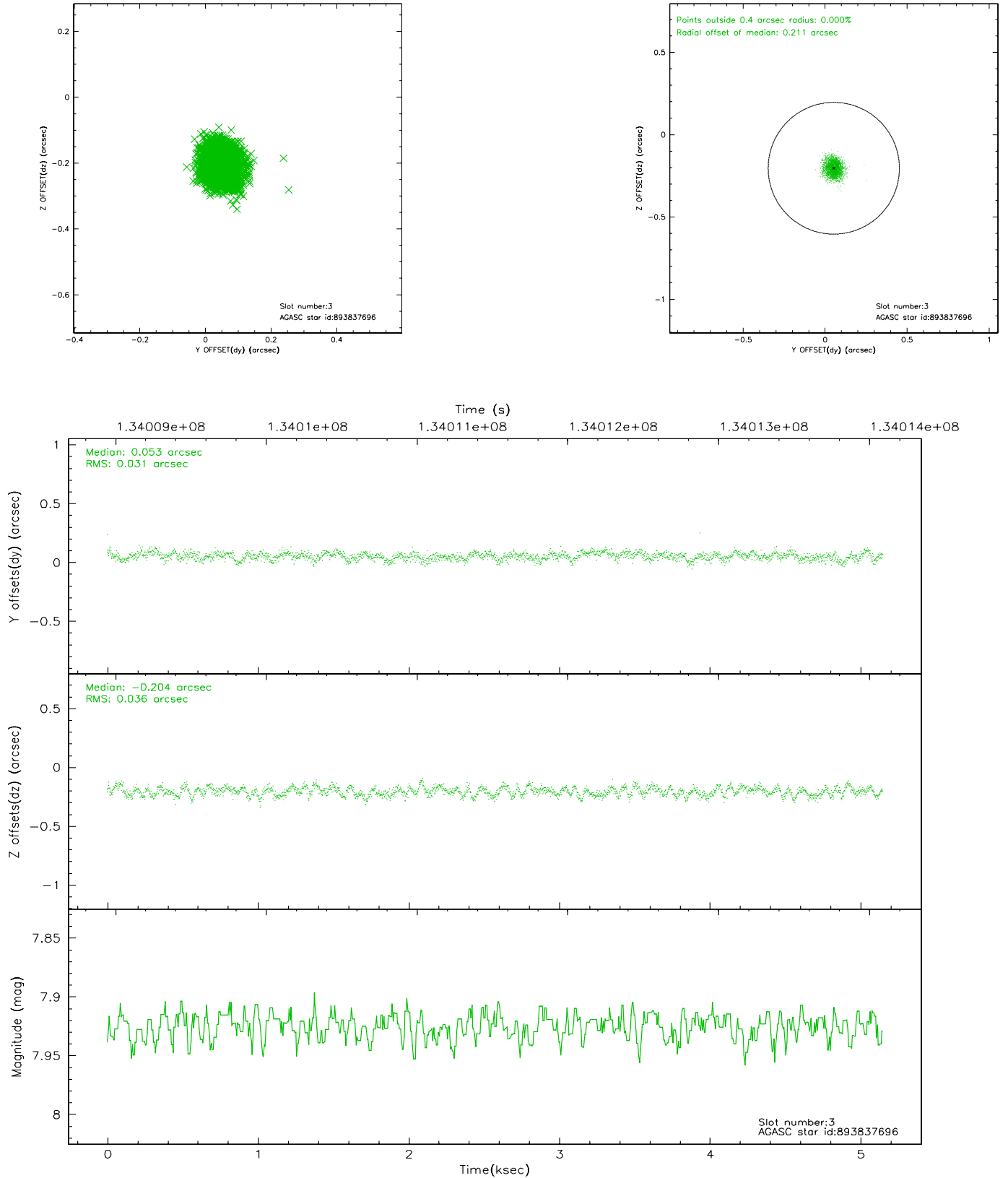


Slot Statistics

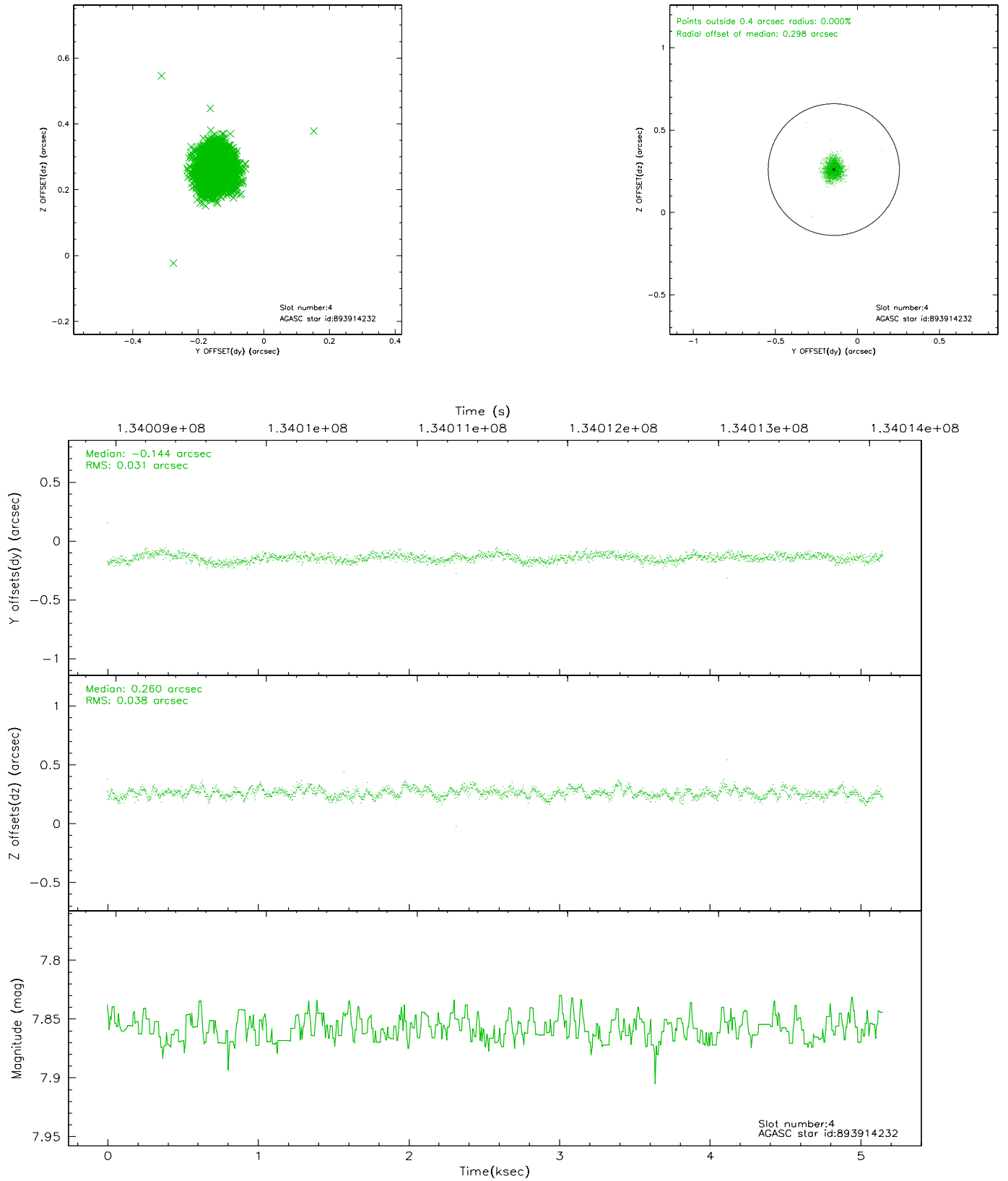
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.90	1255	-0.013	0.053	0.006	0.010	0.000000	0.000000	-755.35	-1727.64
1	FID	ACIS-S-4	7.00	1255	-0.069	-0.008	0.005	0.008	0.000000	0.000000	2157.31	179.60
2	FID	ACIS-S-5	6.99	1255	0.052	-0.037	0.006	0.010	0.000000	0.000000	-1806.63	174.54
3	GUIDE	893837696	7.93	2512	0.053	-0.204	0.051	0.081	257.277958	-26.423720	849.70	465.68
4	GUIDE	893914232	7.86	2512	-0.144	0.260	0.051	0.082	257.948003	-26.439334	1037.62	-1686.26
5	GUIDE	893913752	8.68	2511	0.197	0.118	0.060	0.100	257.717246	-26.451689	911.20	-952.99
6	GUIDE	893837592	9.30	2510	-0.083	-0.220	0.087	0.137	256.924631	-26.316123	1101.60	1642.35
7	GUIDE	893835576	8.92	2504	-0.022	0.045	0.070	0.113	257.152526	-26.836742	-673.57	695.23

2.4 Star Slots

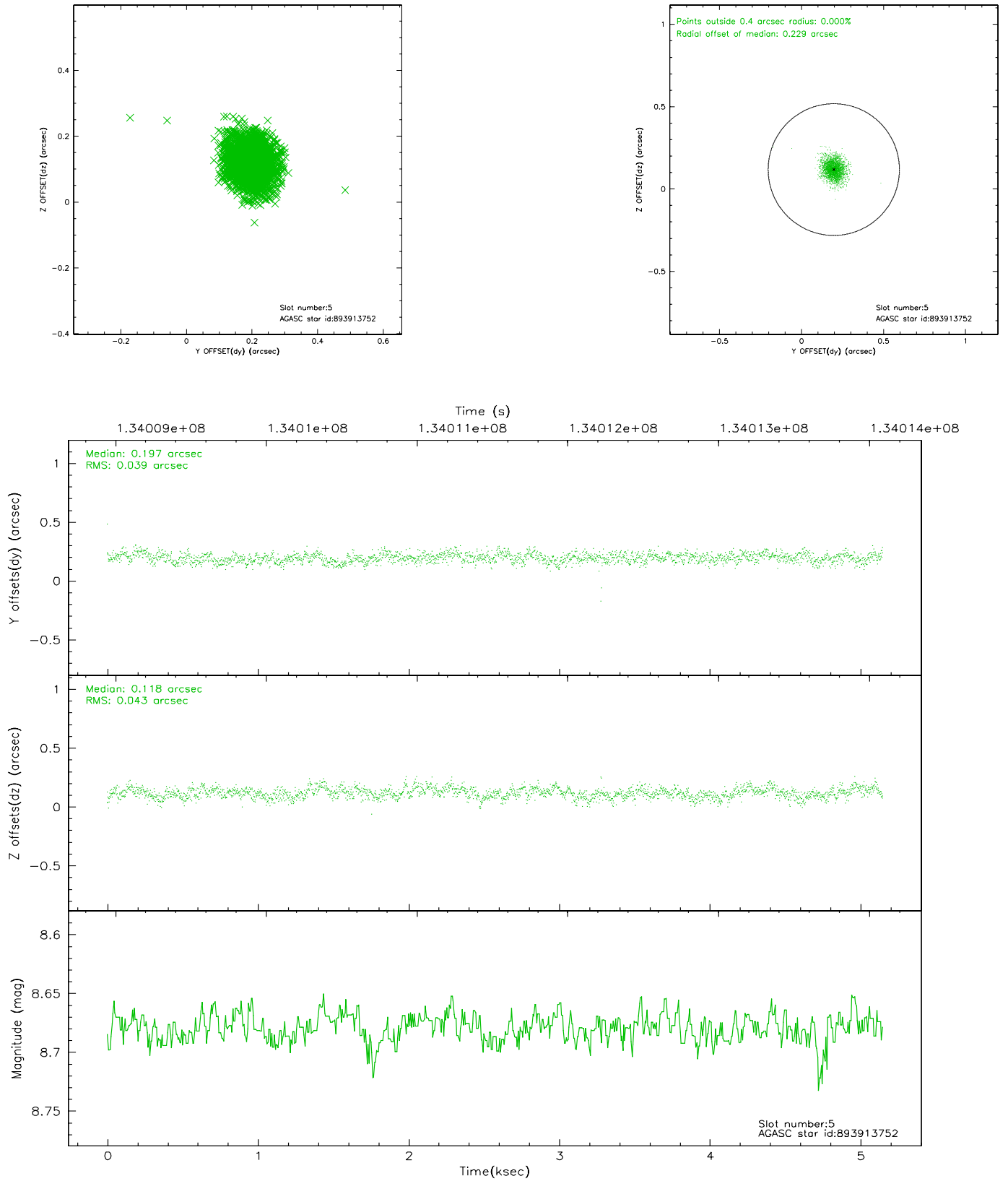
2.4.1 Slot 3



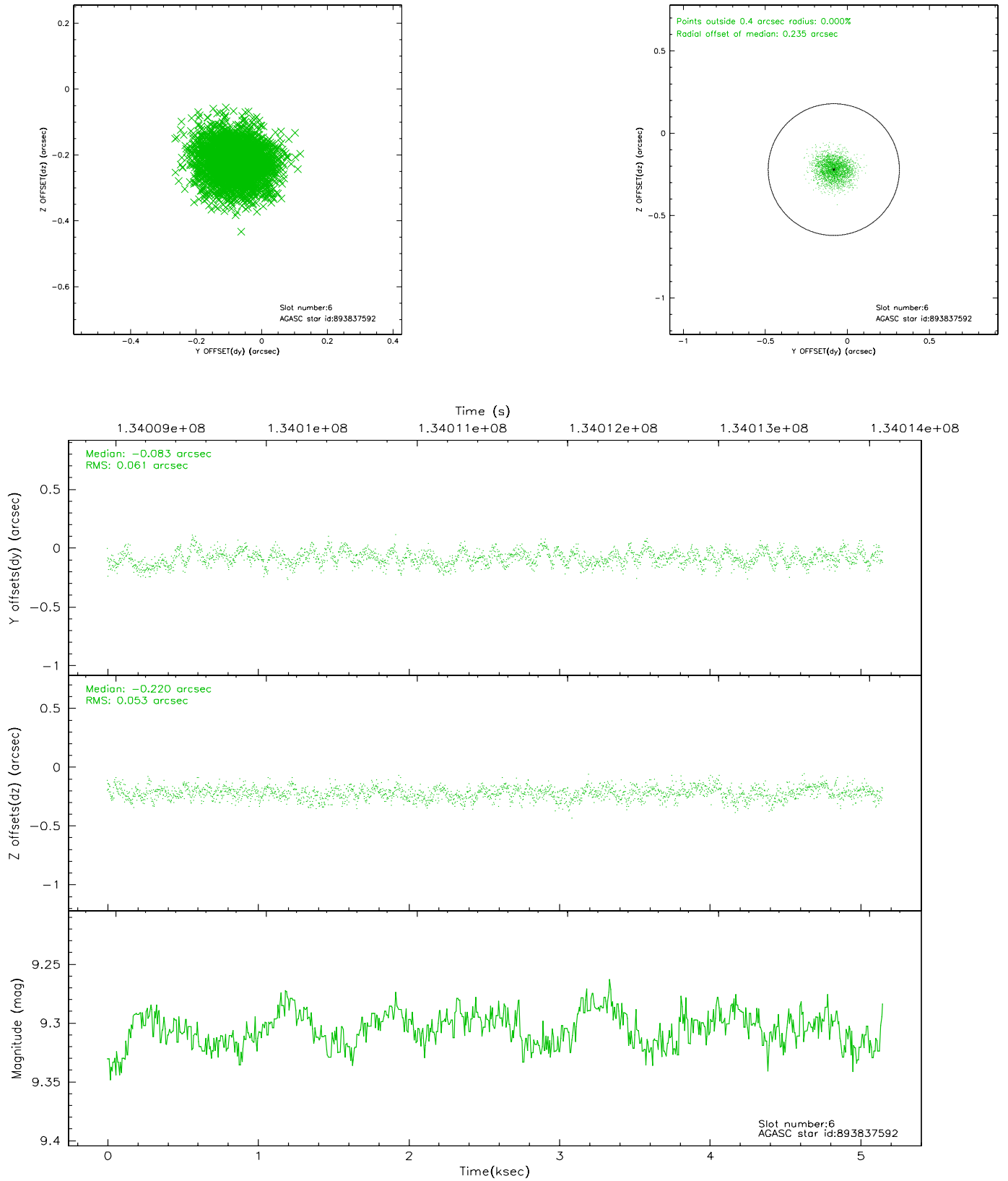
2.4.2 Slot 4



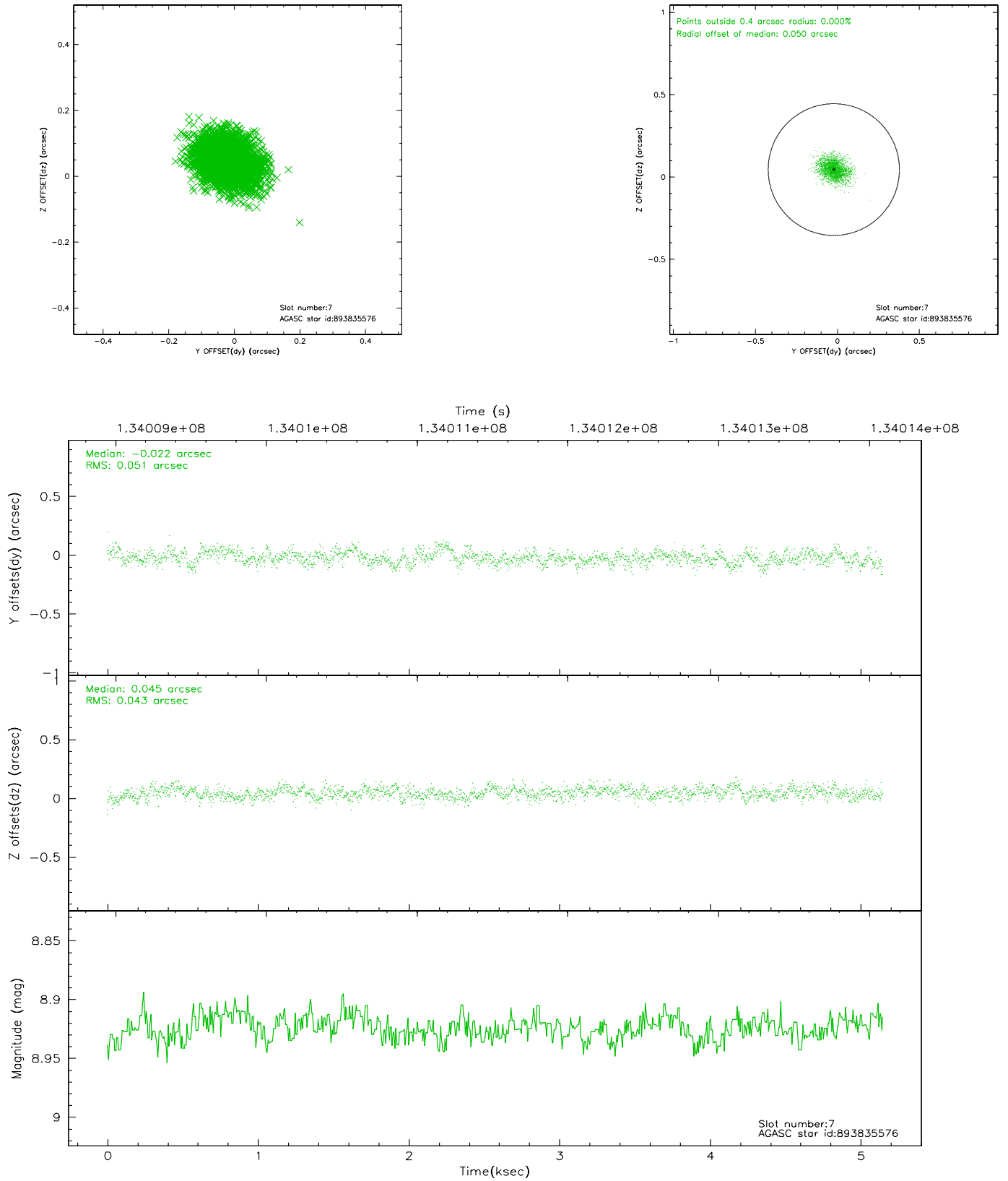
2.4.3 Slot 5



2.4.4 Slot 6

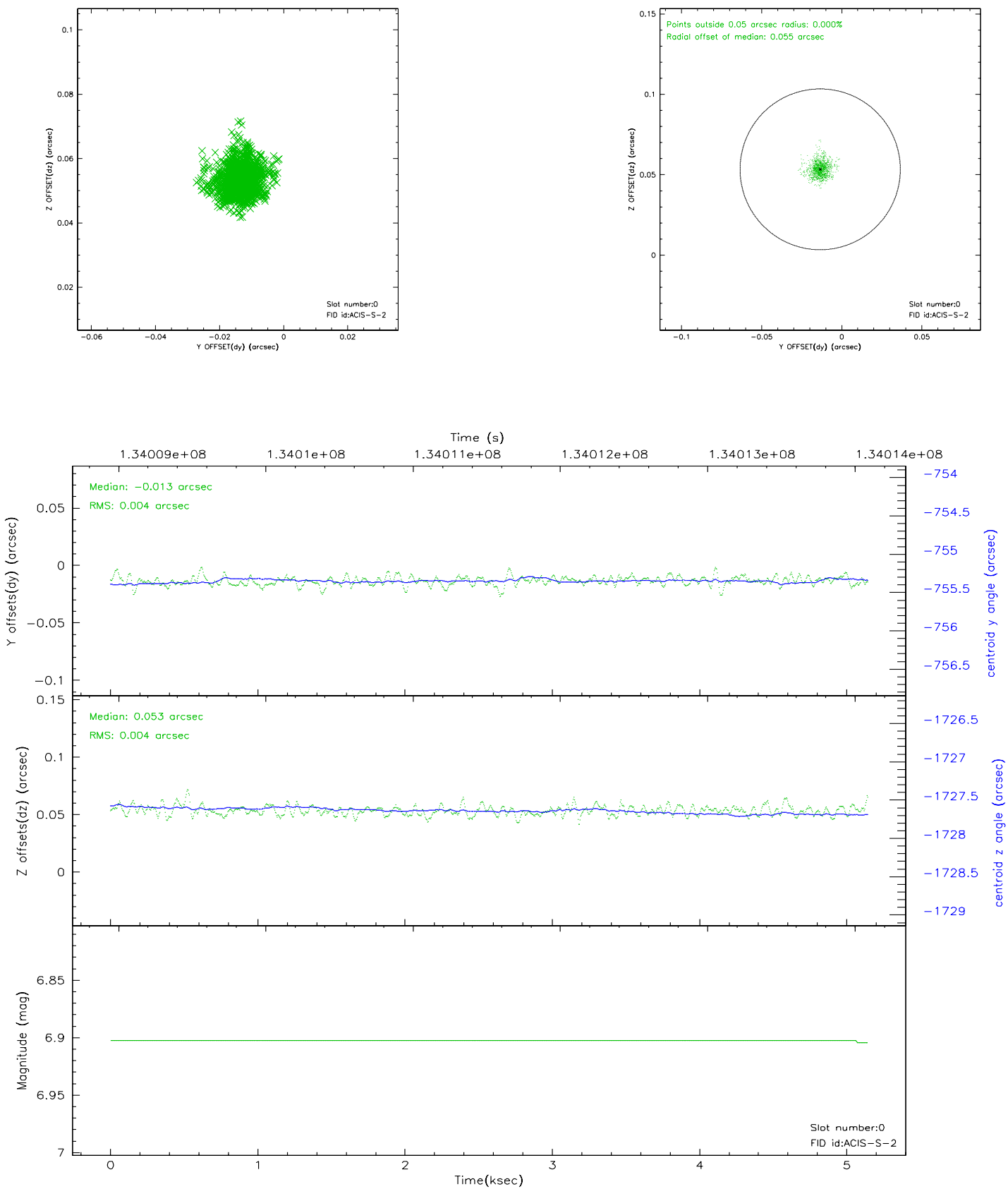


2.4.5 Slot 7

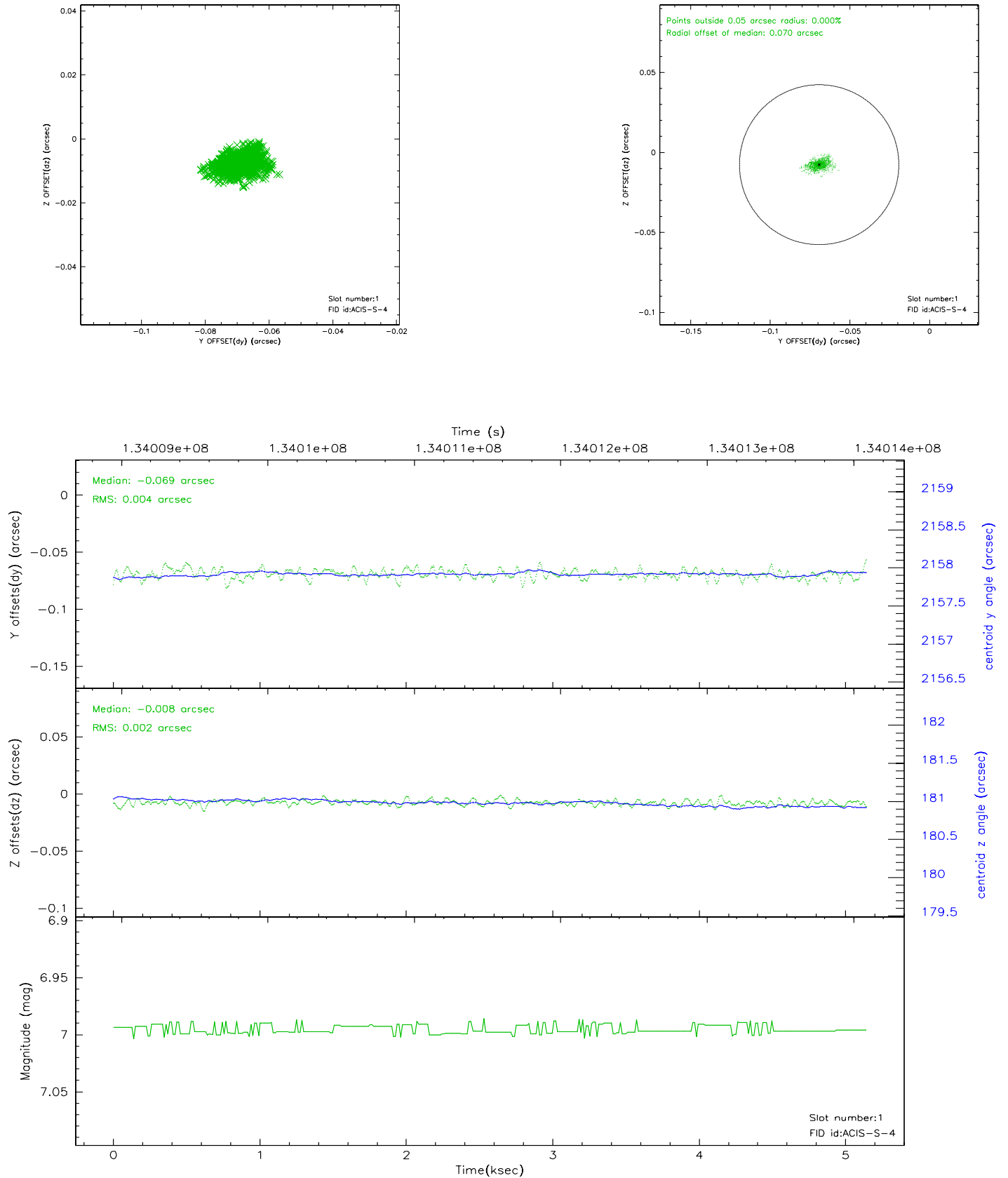


2.5 FID Slots

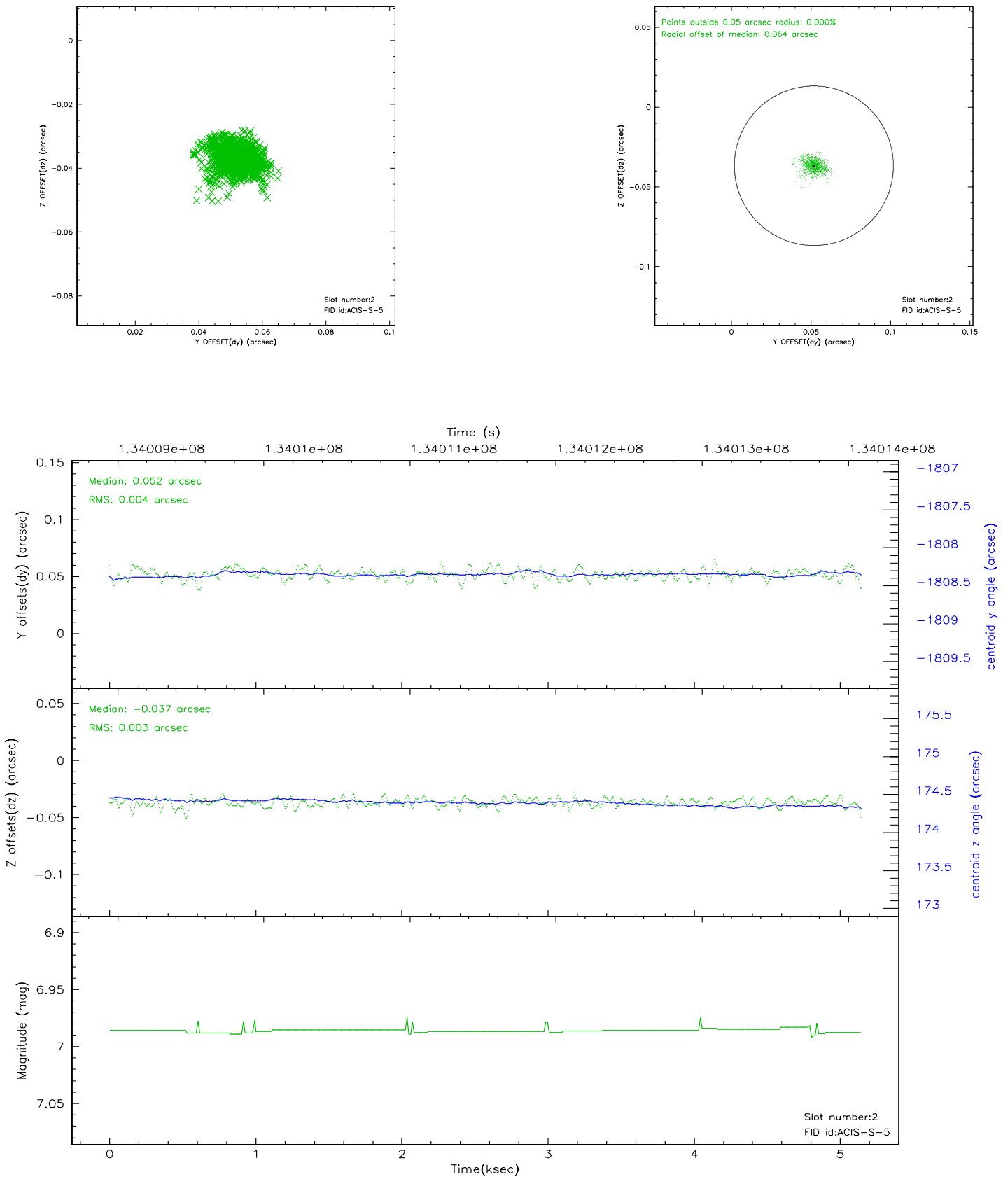
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2006.09.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.147

A.2 Comments