

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3475 - L2 Version 001
Chandra X-Ray Center

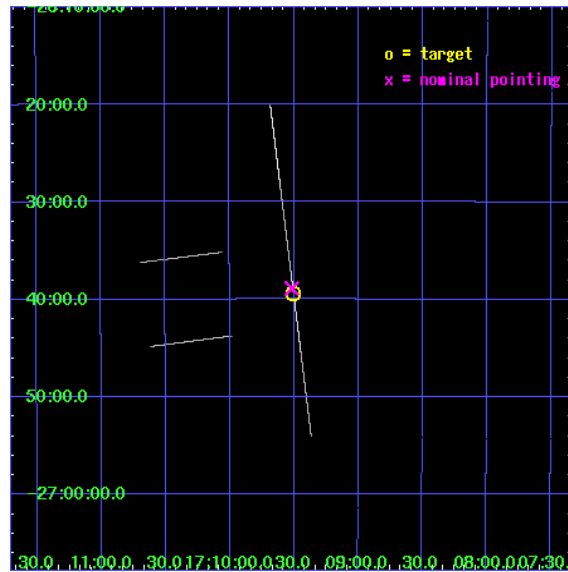
L2 Processing Date : Sep 9 2006

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1 Front

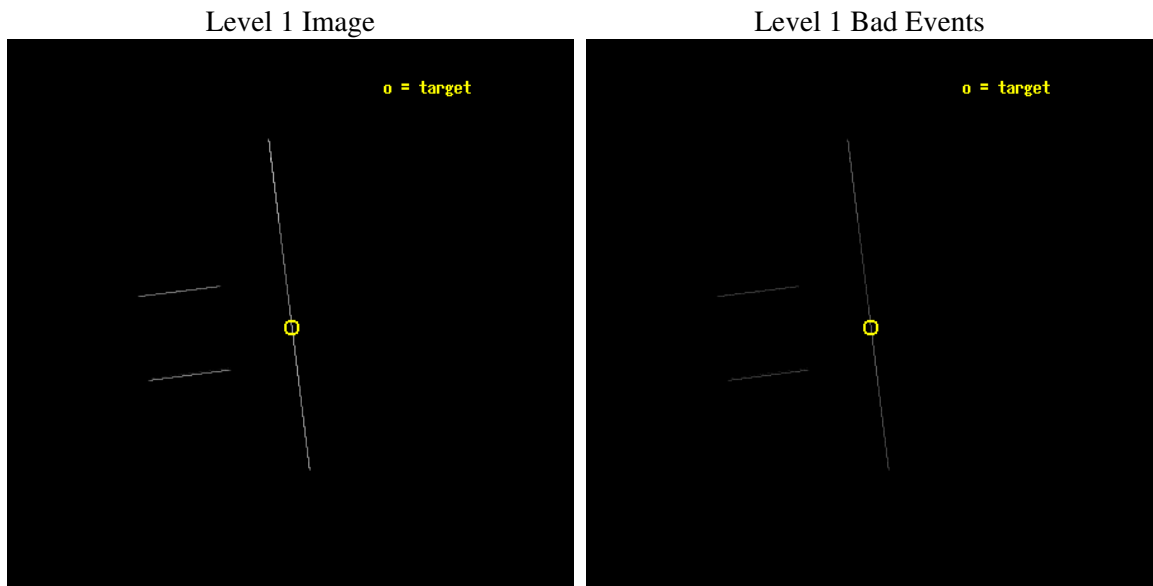
seq_num	400246
obs_id	3475
title	A FAINT NEUTRON STAR SOFT X-RAY TRANSIENT RETURNING TO QUIESCENCE
observer	Dr Peter Jonker
object	RX J170930.2-263927
ra_targ	257.375833
dec_targ	-26.6575
ra_nom	257.37903439165
dec_nom	-26.648225703703
roll_nom	82.814858643666
revision	2
ontime	5961.25
livetime	5937.9638671875
ontime2	5961.25
ontime3	5961.25
ontime5	5961.25
ontime6	5961.25
ontime7	5961.25
ontime8	5961.25
l2events	69194



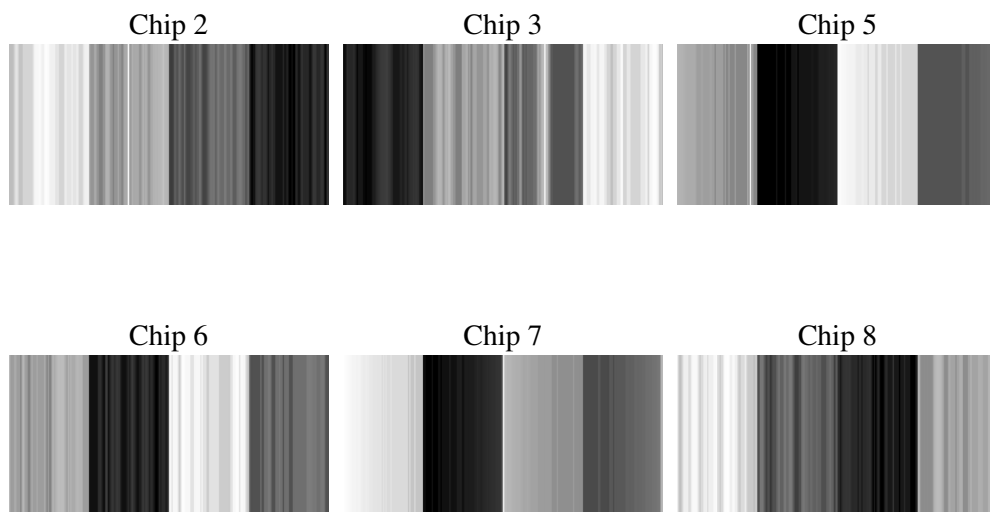
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-09-09T17:49:50
revision	2

sched_exp_time	5000.000000
ontime	6062.8590667546
ontime2	6062.952306211
ontime3	6062.8576291502
ontime5	6062.8601082861
ontime6	6062.8595707119
ontime7	6062.8590667546
ontime8	6062.8585131168
l1events	106603

2.1.4 Events

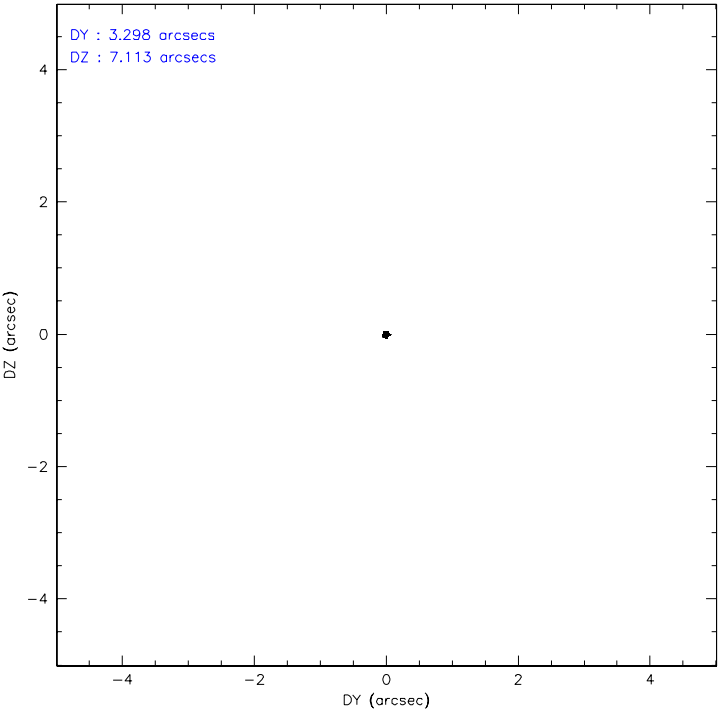
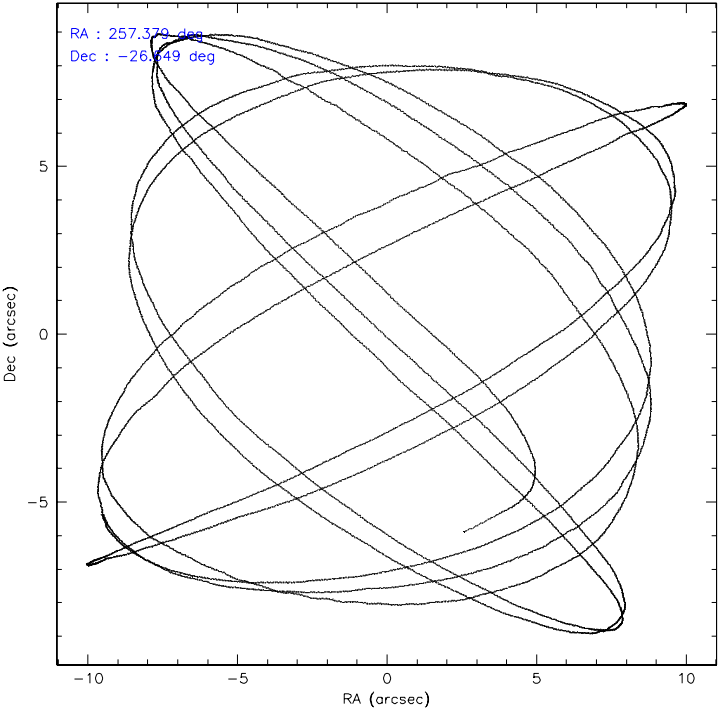
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	7756	8707	40179	8562	25453	15946
rejected events	1405	1608	3671	1659	4052	2278
rejected %	18%	18%	9%	19%	15%	14%

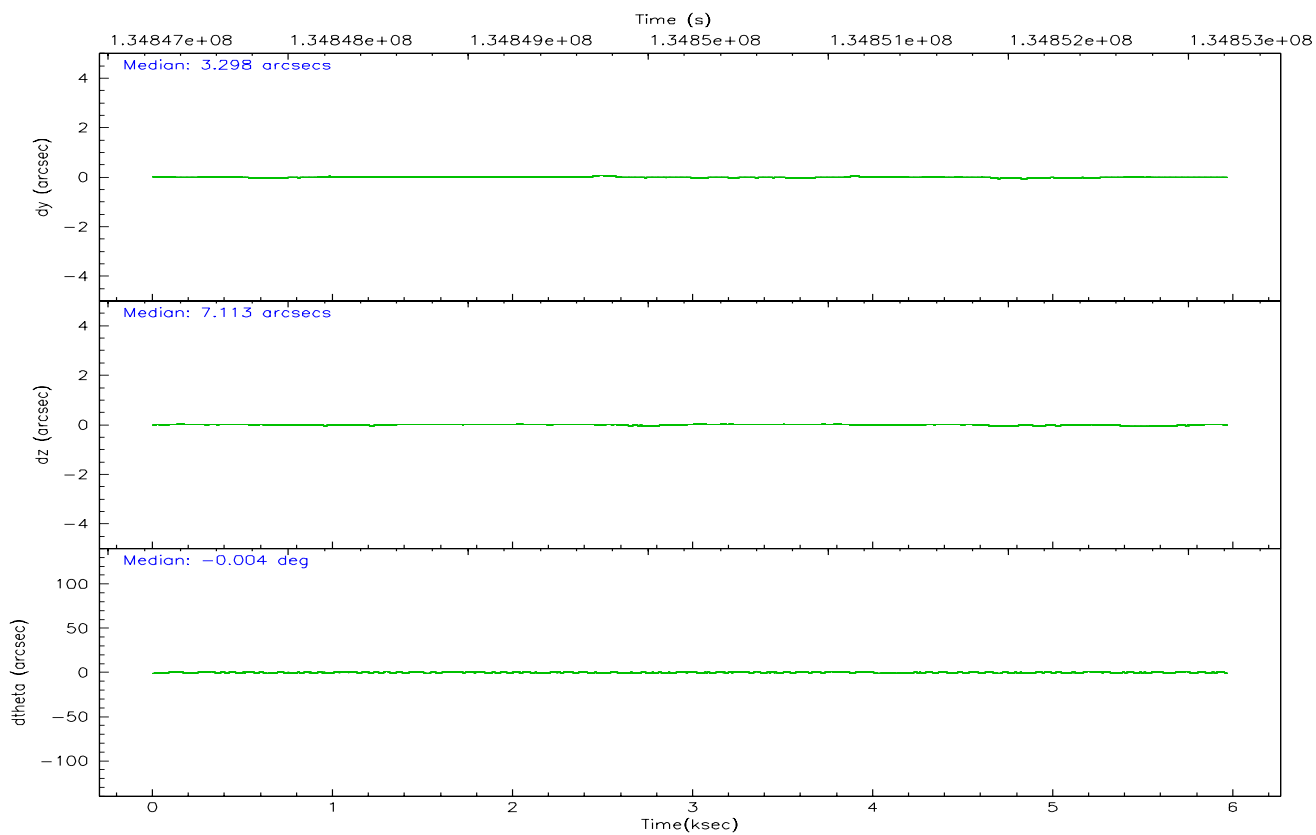
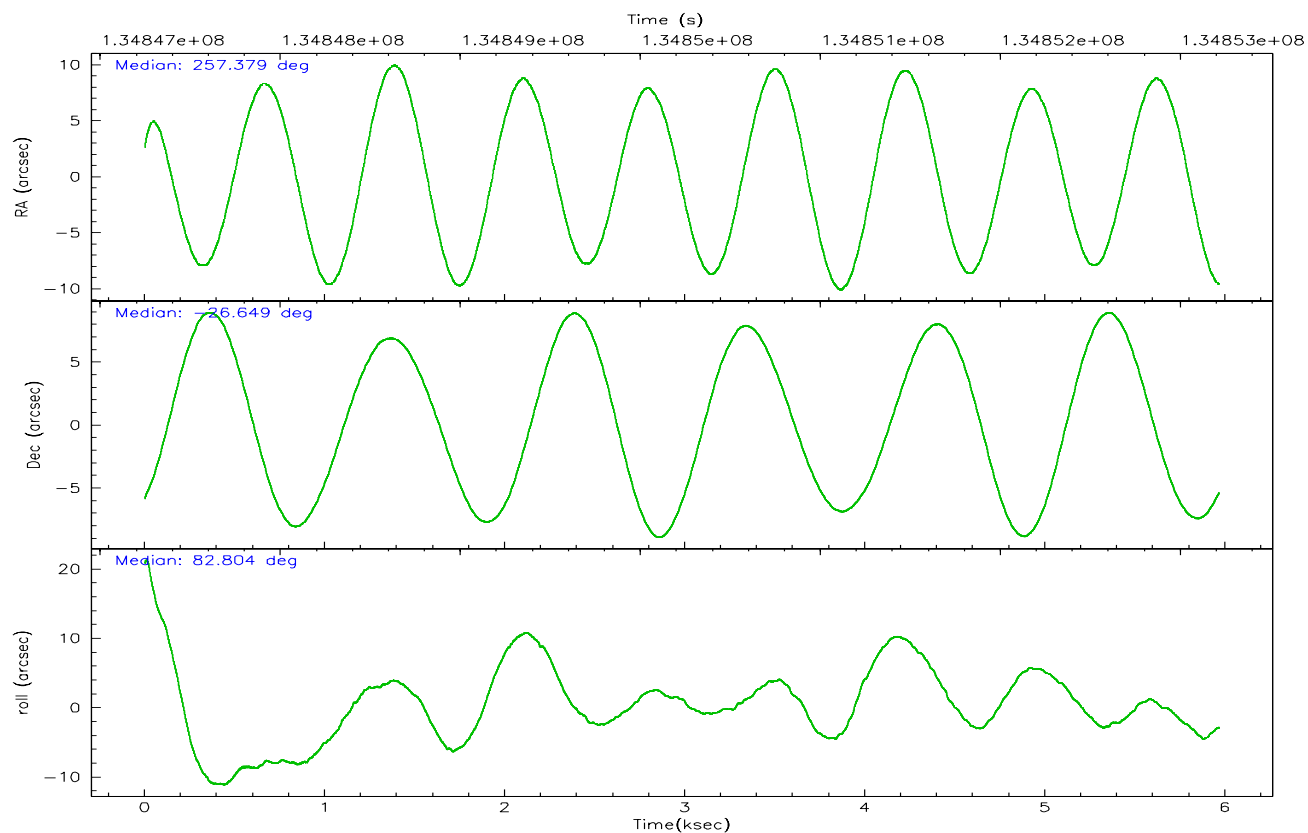
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	950	905	10216	947	1548	2740
	12%	10%	25%	11%	6%	17%
grade 1 events	39	19	44	25	43	63
	0%	0%	0%	0%	0%	0%
grade 2 events	2539	2678	9694	2682	5578	4309
	32%	30%	24%	31%	21%	27%
grade 3 events	853	1137	627	880	999	1681
	10%	13%	1%	10%	3%	10%
grade 4 events	777	968	604	937	1038	1635
	10%	11%	1%	10%	4%	10%
grade 5 events	1265	1458	3016	1519	3637	2047
	16%	16%	7%	17%	14%	12%
grade 6 events	1333	1542	15978	1572	12610	3471
	17%	17%	39%	18%	49%	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	257.391244	257.3790343916517	Alternating exposures requested	N	N
Pointing Dec	-26.673225	-26.6482257037026	Primary exposure time	0.000000	0
Pointing Roll	82.663692	82.8148586436658			
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	134848218.184000	134846867.73486			
Observation start date	2002-04-10T17:49:14	2002-04-10T17:27:47			
Observation end time	134853218.184000	134854271.31017			
Observation end date	2002-04-10T19:12:34	2002-04-10T19:31:11			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



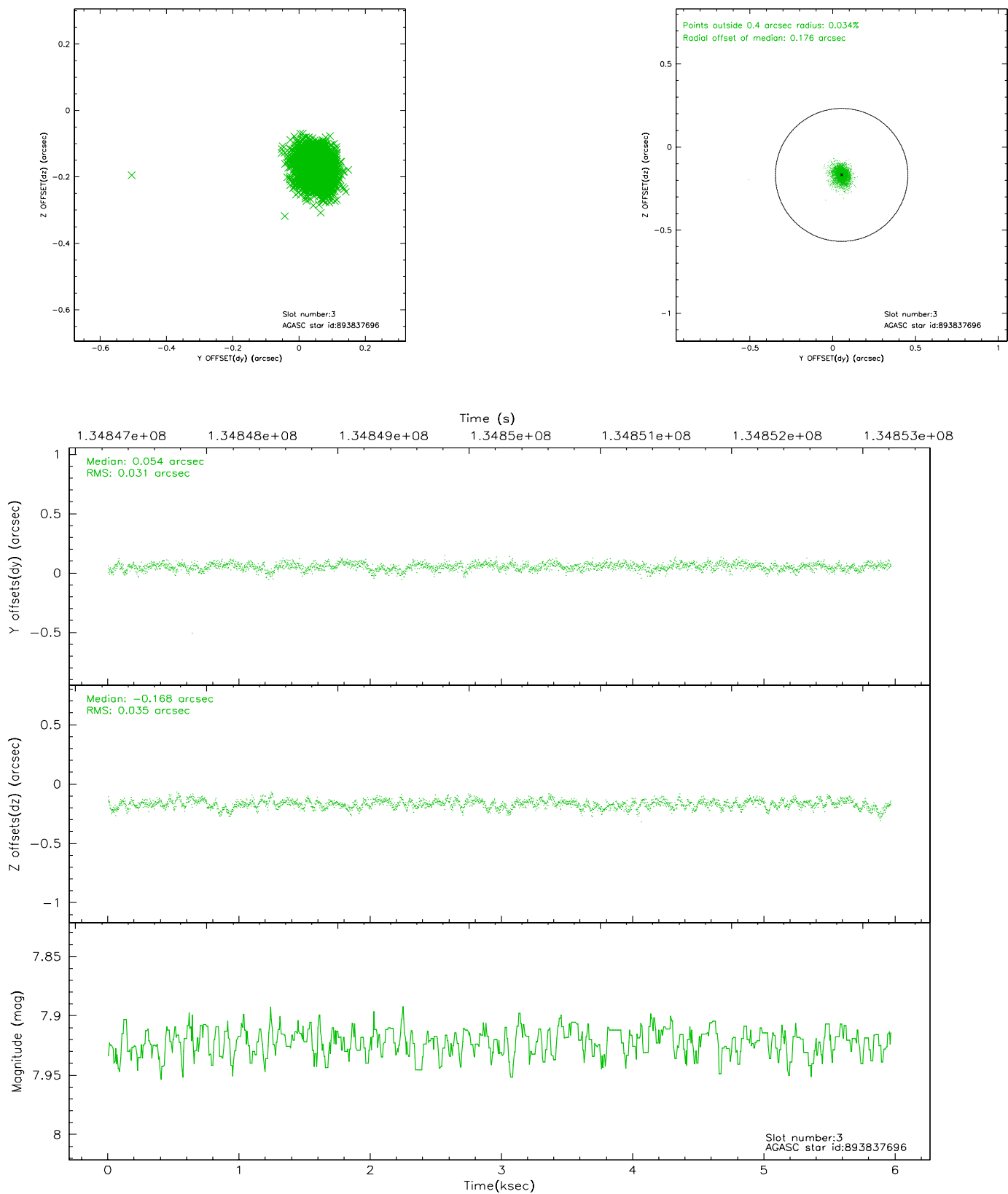


Slot Statistics

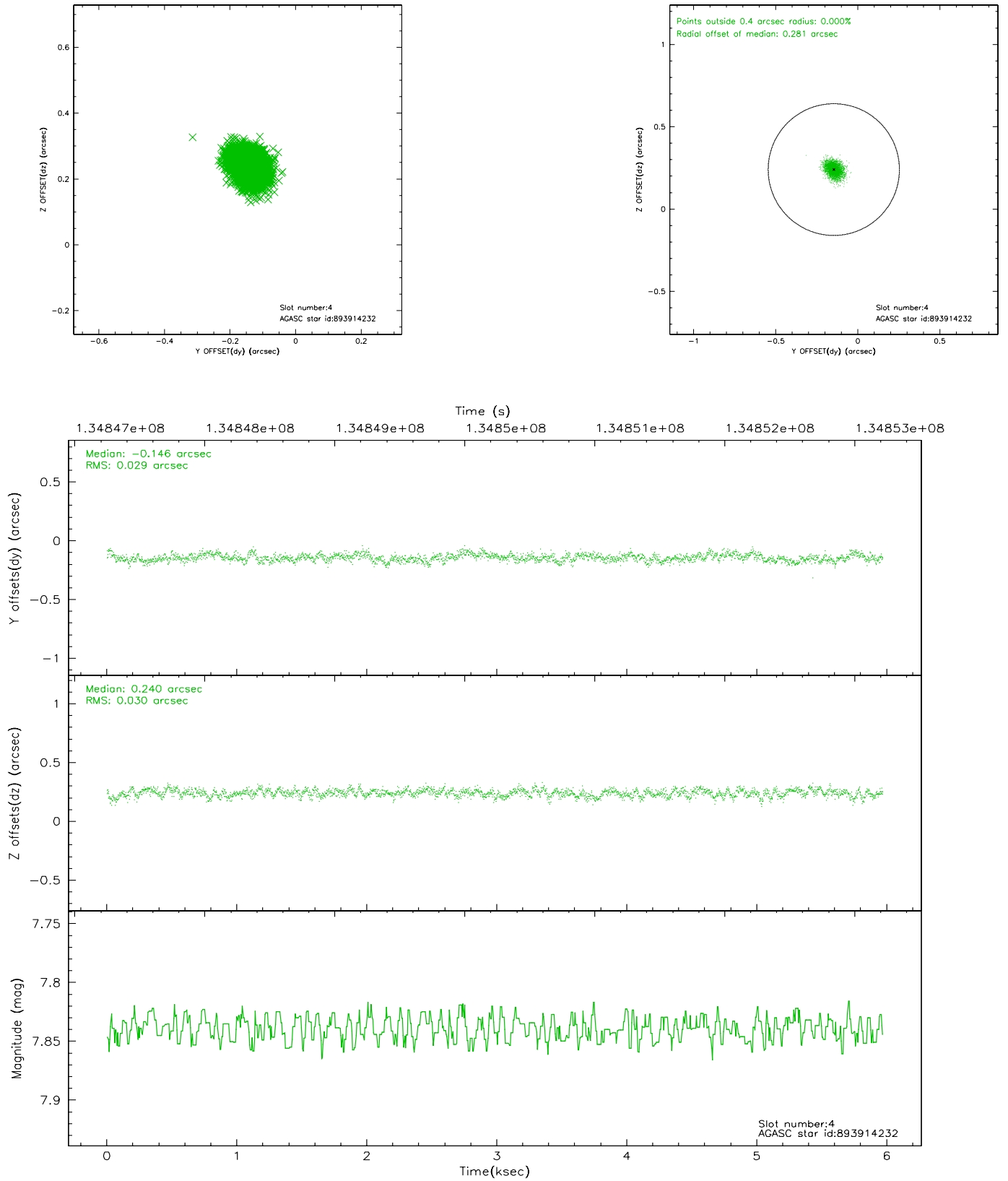
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1456	-0.000	0.030	0.007	0.011	0.000000	0.000000	-755.94	-1728.25
1	FID	ACIS-S-4	7.20	1456	-0.061	-0.008	0.005	0.008	0.000000	0.000000	2156.82	179.18
2	FID	ACIS-S-5	7.24	1456	0.030	-0.013	0.006	0.010	0.000000	0.000000	-1807.48	173.96
3	GUIDE	893837696	7.92	2912	0.054	-0.168	0.048	0.080	257.277958	-26.423720	845.47	476.55
4	GUIDE	893914232	7.84	2912	-0.146	0.240	0.045	0.073	257.948003	-26.439334	1062.32	-1672.74
5	GUIDE	893913752	8.68	2912	0.199	0.082	0.064	0.106	257.717246	-26.451689	926.03	-941.15
6	GUIDE	893837592	9.30	2910	-0.077	-0.202	0.087	0.139	256.924631	-26.316123	1081.45	1656.55
7	GUIDE	893835576	8.93	2911	-0.031	0.050	0.066	0.110	257.152526	-26.836742	-680.83	685.44

2.4 Star Slots

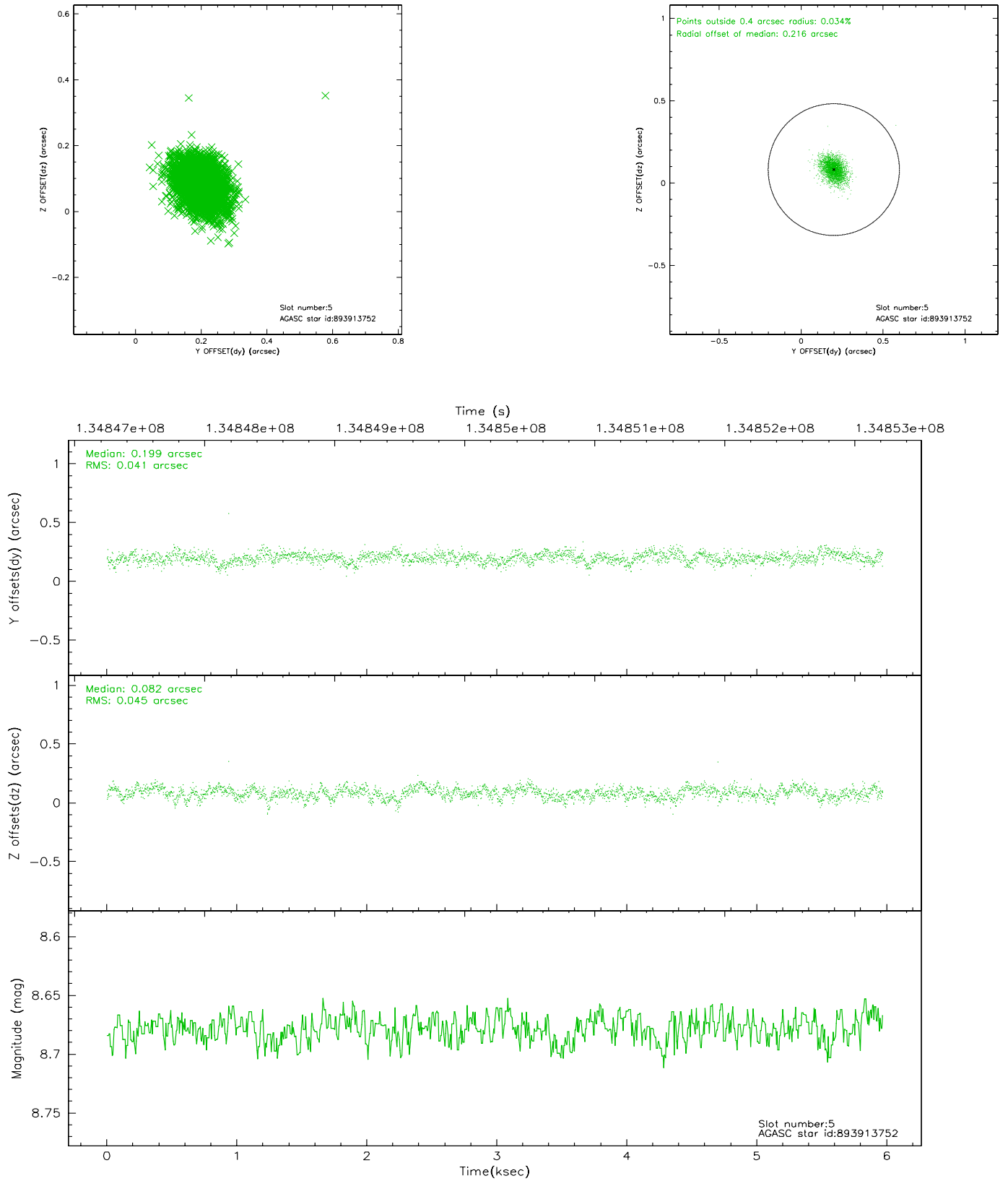
2.4.1 Slot 3



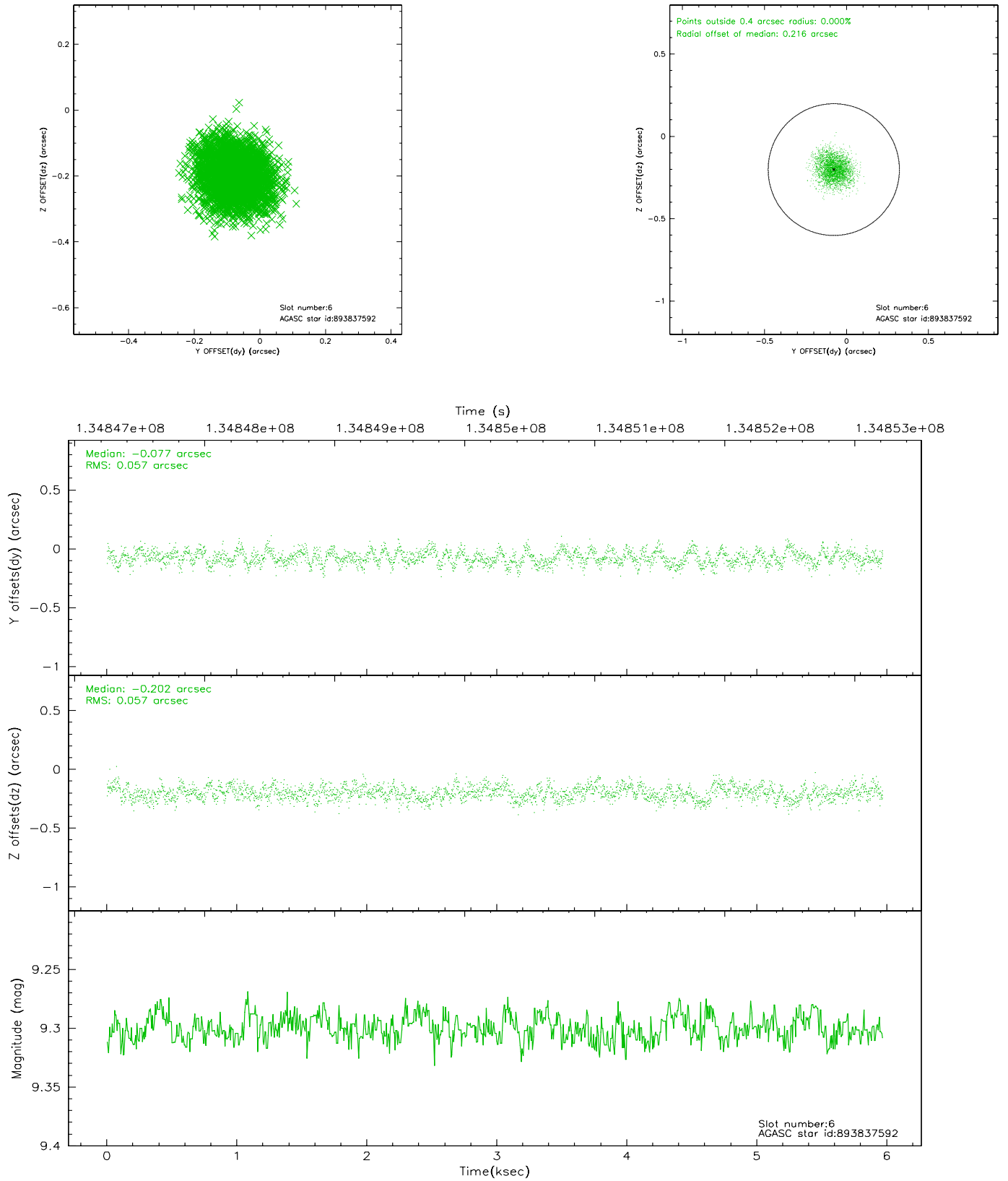
2.4.2 Slot 4



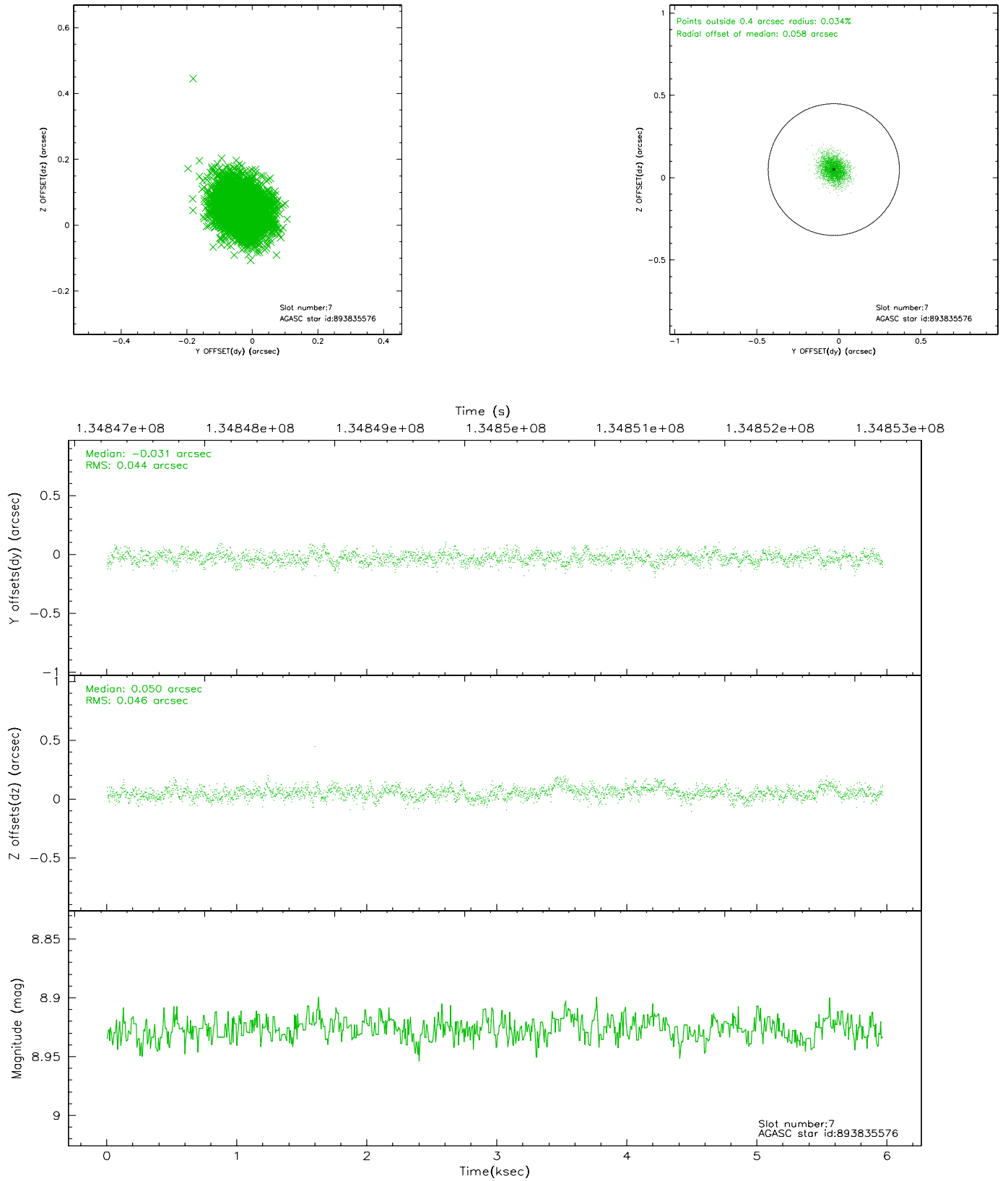
2.4.3 Slot 5



2.4.4 Slot 6

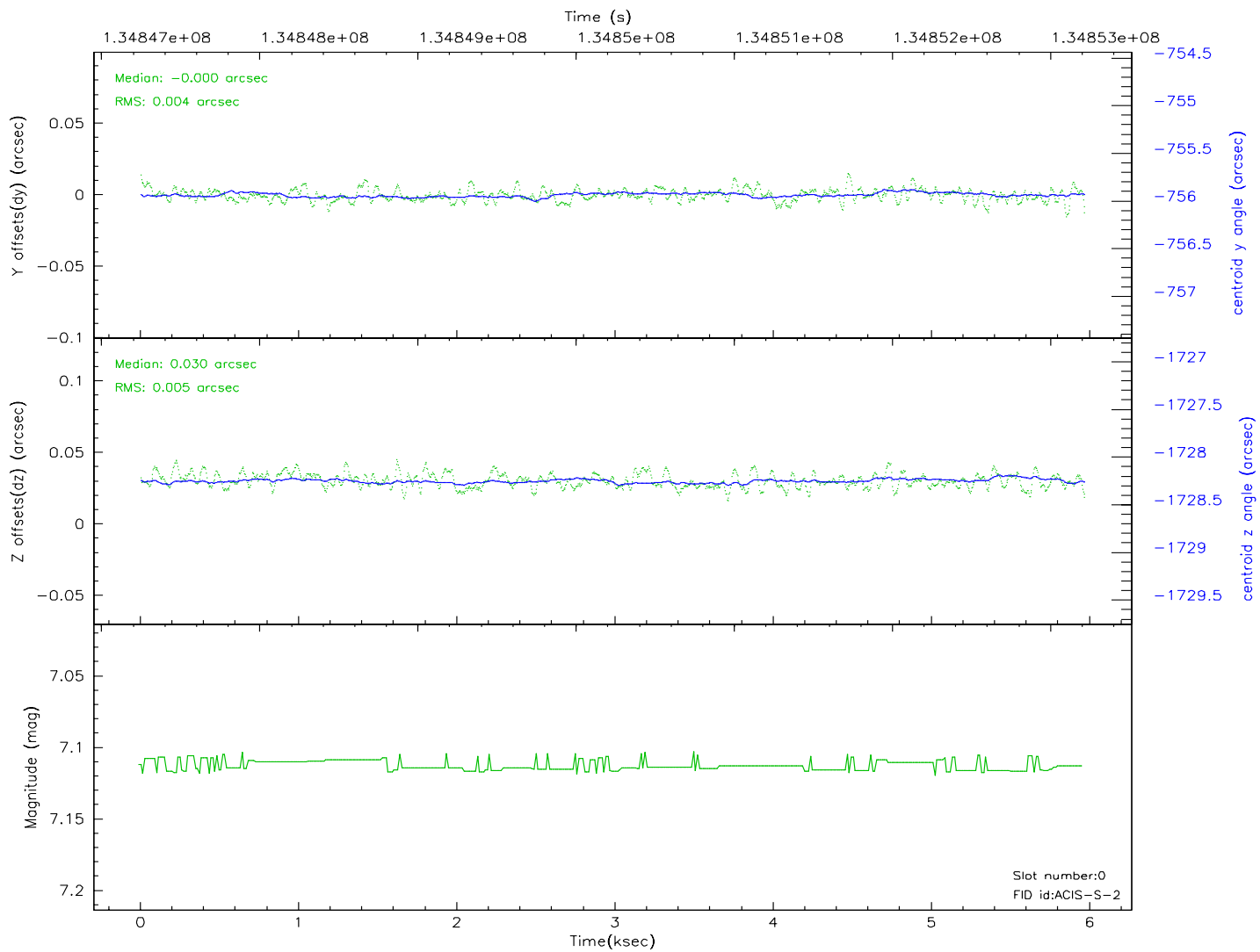
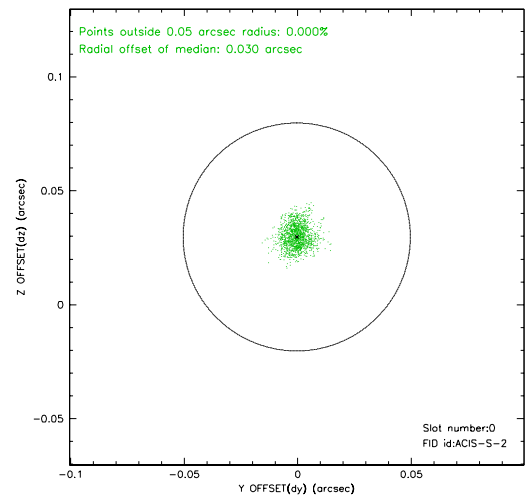
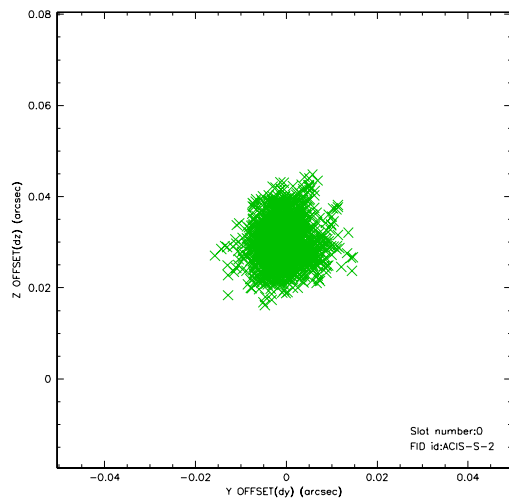


2.4.5 Slot 7

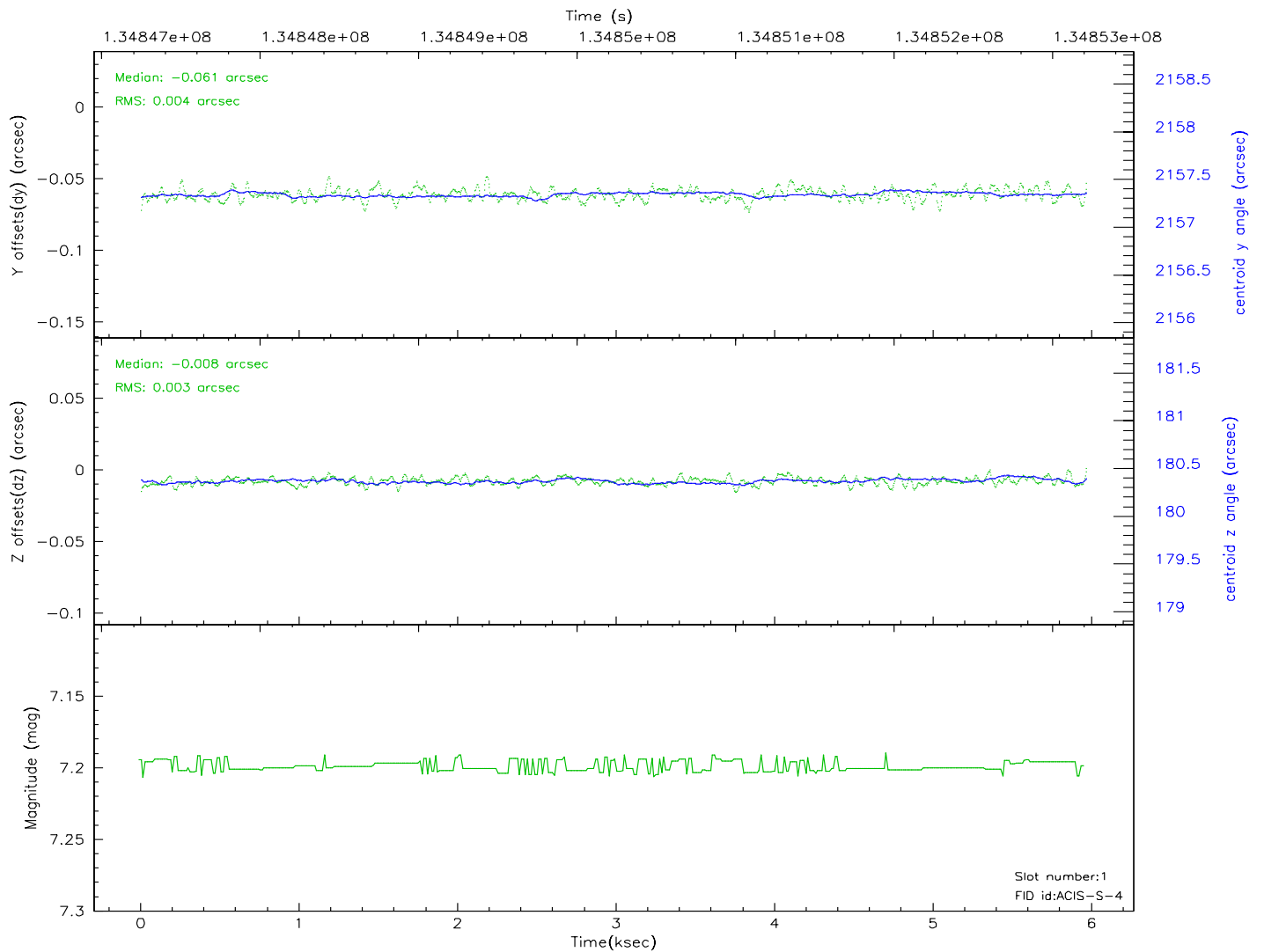
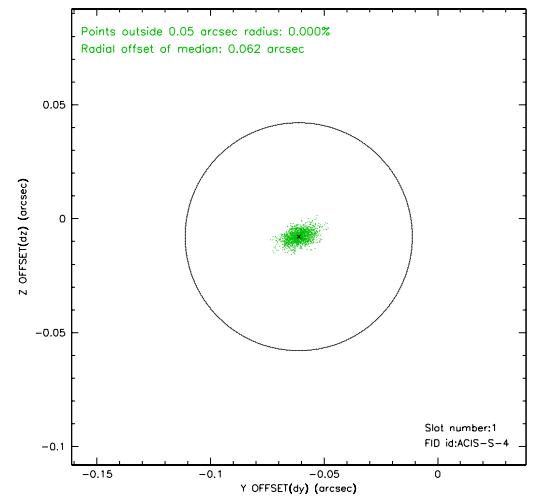
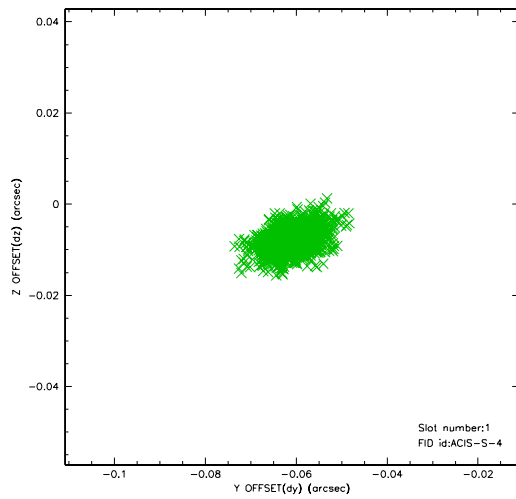


2.5 FID Slots

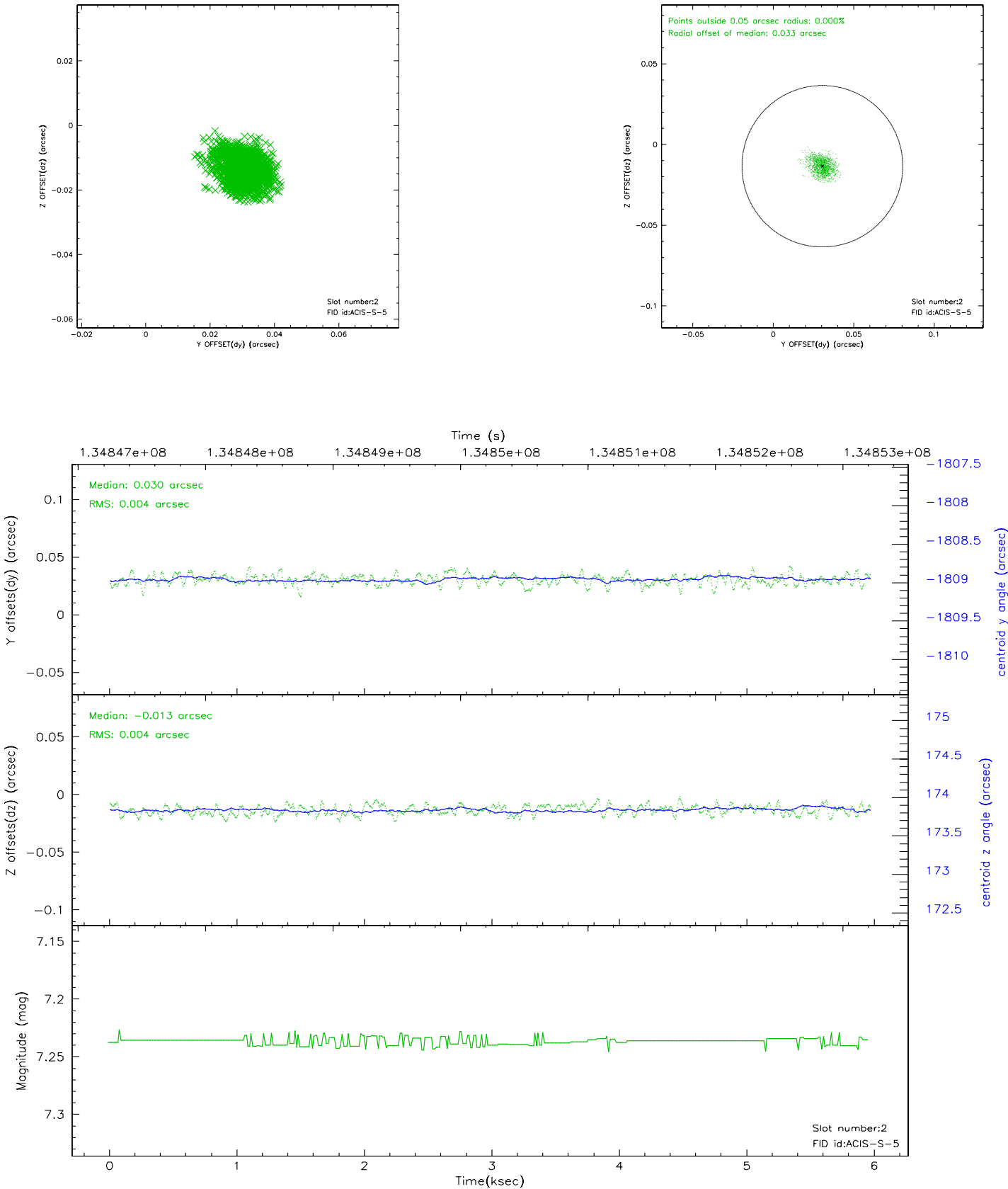
2.5.1 Slot 0



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	5.965

A.2 Comments