

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1007 - L2 Version 001
Chandra X-Ray Center

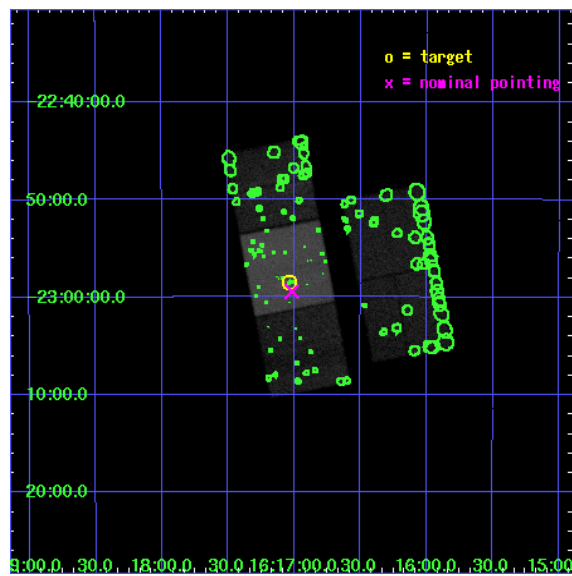
L2 Processing Date : Jan 5 2007

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1 Front

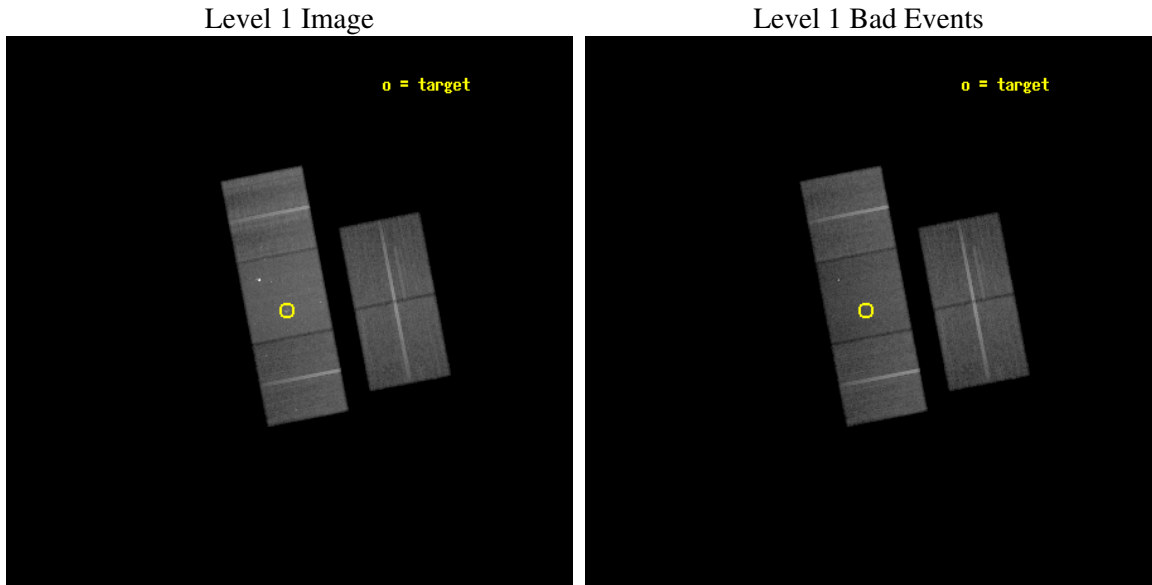
seq_num	300040
obs_id	1007
title	CV AND QLMXB LUMINOSITY FUNCTION IN THE EXTREME GLOBULAR M80
observer	Dr Stephen Murray
object	NGC6093
dtcycle	0
cycle	P
ra_targ	244.259583
dec_targ	-22.975722
ra_nom	244.25458203233
dec_nom	-22.990355888743
roll_nom	259.05180742852
revision	2
ontime	49227.999905348
livetime	48584.799845458
ontime2	49227.999905348
ontime3	49224.858915195
ontime6	49227.999905348
ontime7	49227.999905348
ontime8	49224.858945101
l2events	329267



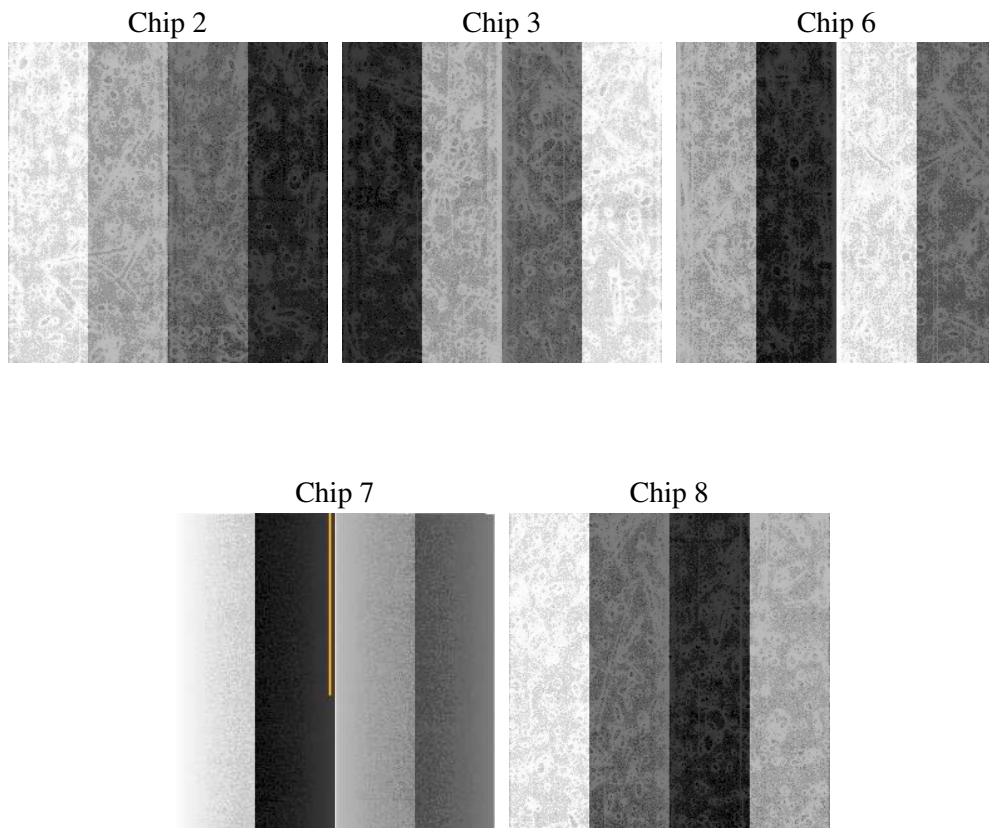
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldsver	3.2.4
date	2007-01-05T13:39:21
revision	2

sched_exp_time	49168.736000
ontime	49232.002073154
ontime2	49232.002073154
ontime3	49228.861083001
ontime6	49232.002073154
ontime7	49232.002073154
ontime8	49228.861112908
l1events	1776293

2.1.4 Events

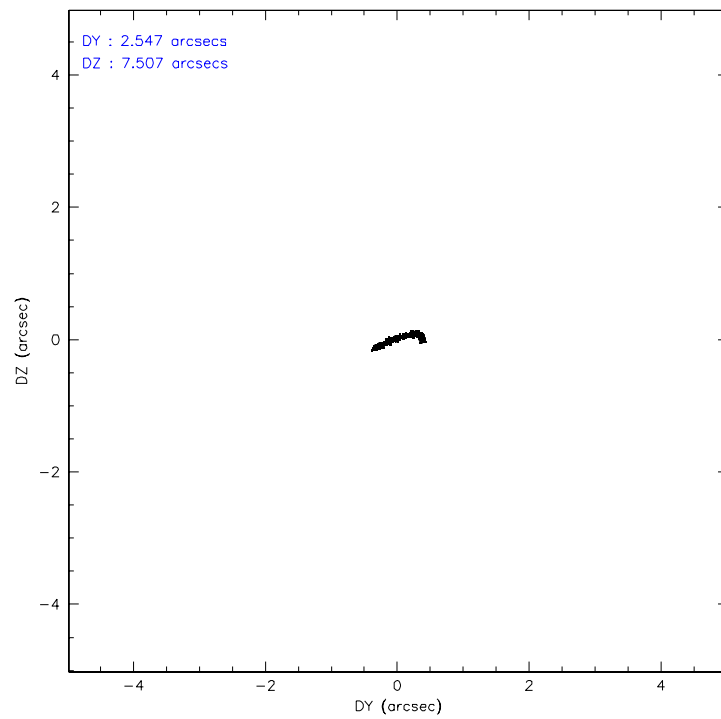
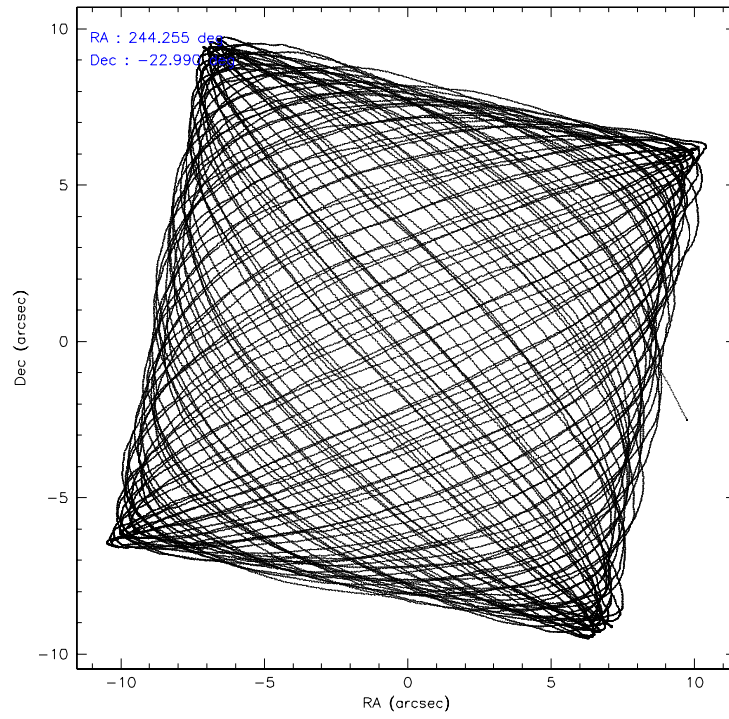
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	306379	303198	320143	425835	420738
rejected events	266414	264510	278597	239281	310327
rejected %	86%	87%	87%	56%	73%

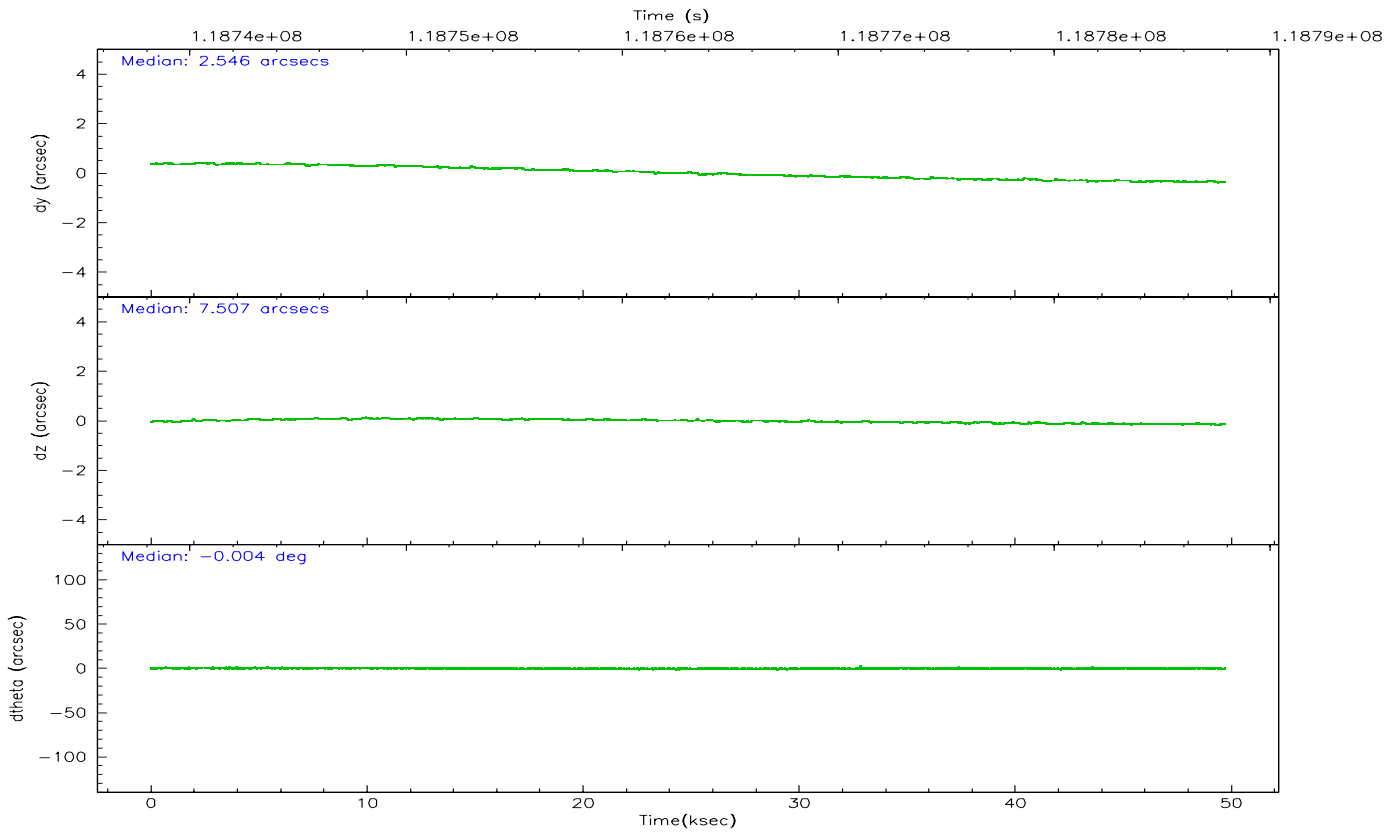
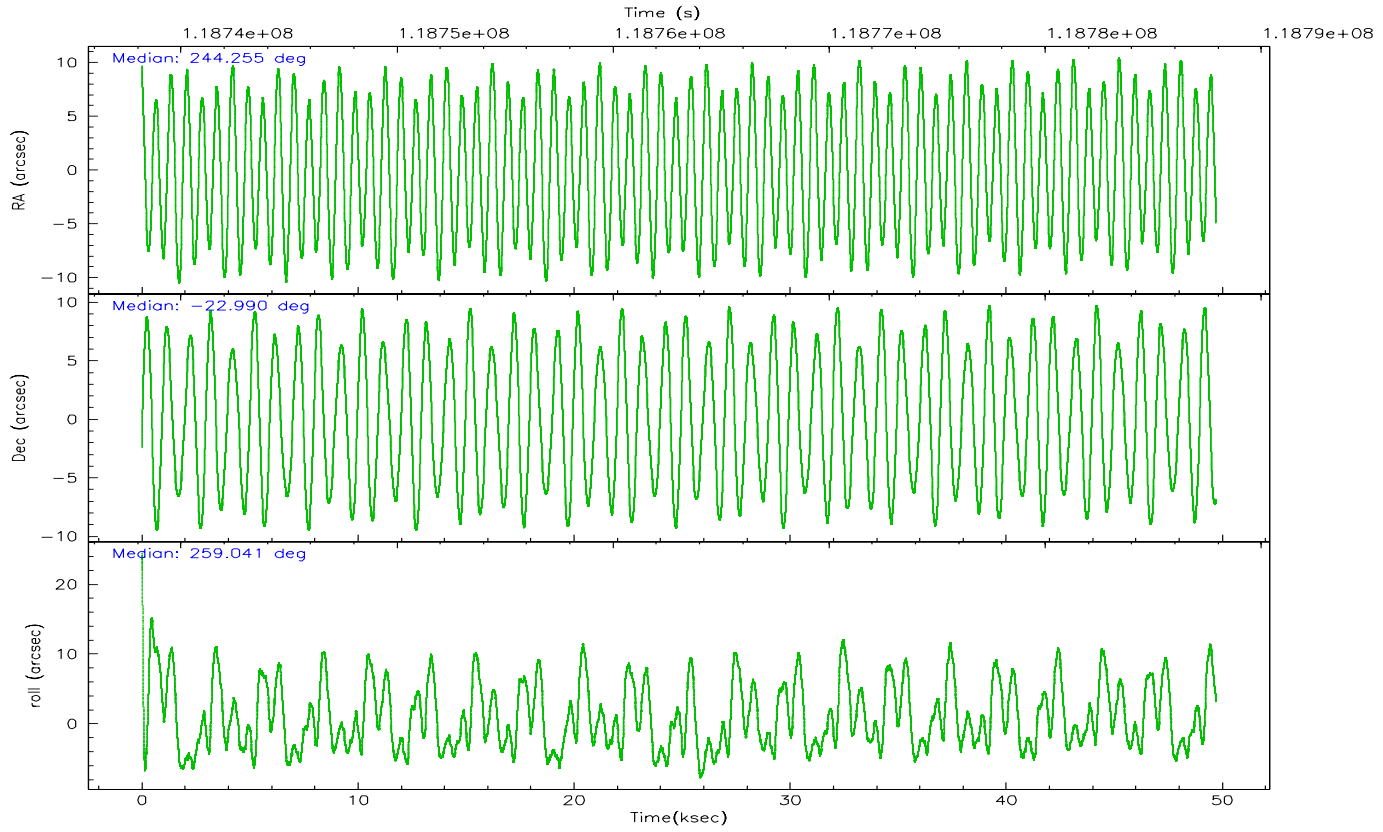
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	18316	17246	18453	18322	35378
	5%	5%	5%	4%	8%
grade 1 events	142	120	173	389	274
	0%	0%	0%	0%	0%
grade 2 events	8522	7907	8466	46167	21477
	2%	2%	2%	10%	5%
grade 3 events	3296	3444	3555	11800	13331
	1%	1%	1%	2%	3%
grade 4 events	3382	3352	3622	11434	12304
	1%	1%	1%	2%	2%
grade 5 events	9818	11451	12942	25958	16745
	3%	3%	4%	6%	3%
grade 6 events	6451	6739	7455	98843	27941
	2%	2%	2%	23%	6%
grade 7 events	256452	252939	265477	212922	293288
	83%	83%	82%	50%	69%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	244.244594	244.2545820323316	Subarray requested	NONE	NONE
Pointing Dec	-22.964698	-22.99035588874324	Alternating exposures requested	N	N
Pointing Roll	258.891276	259.0518074285243	Primary exposure time	0.000000	3.1
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	118738746.184000	118737608.8503			
Observation start date	2001-10-06T06:58:02	2001-10-06T06:40:08			
Observation end time	118787915.184000	118788229.50231			
Observation end date	2001-10-06T20:37:31	2001-10-06T20:43:49			
Read mode	TIMED	TIMED			

2.3 Aspect



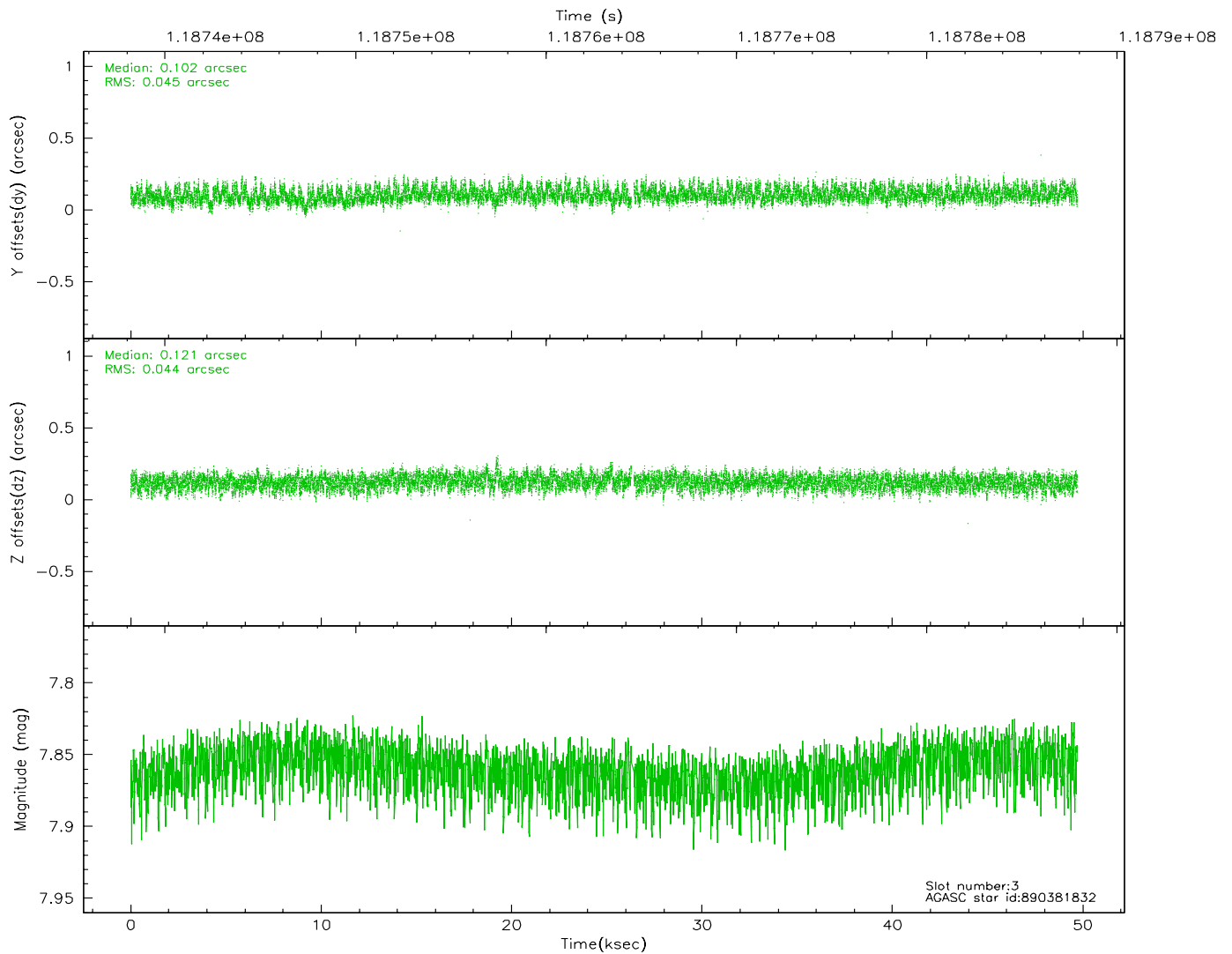
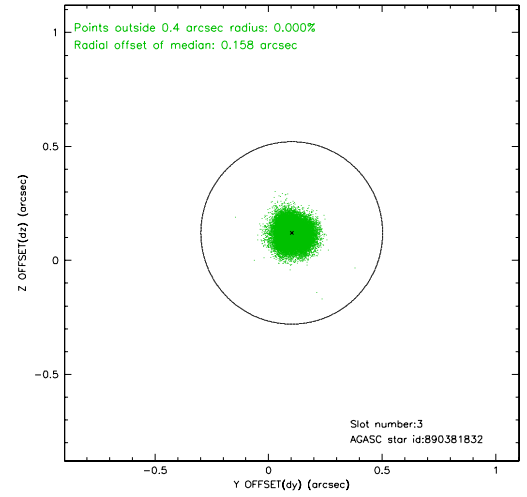
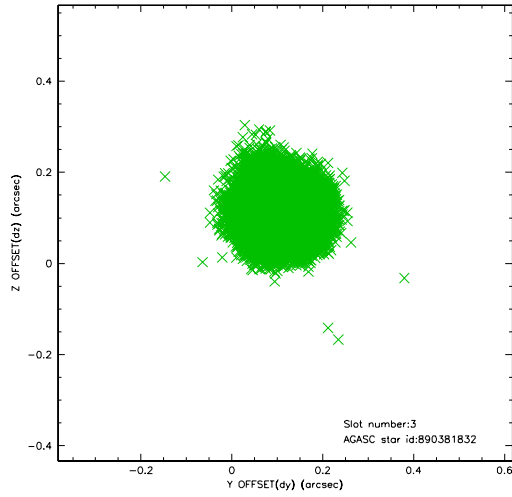


Slot Statistics

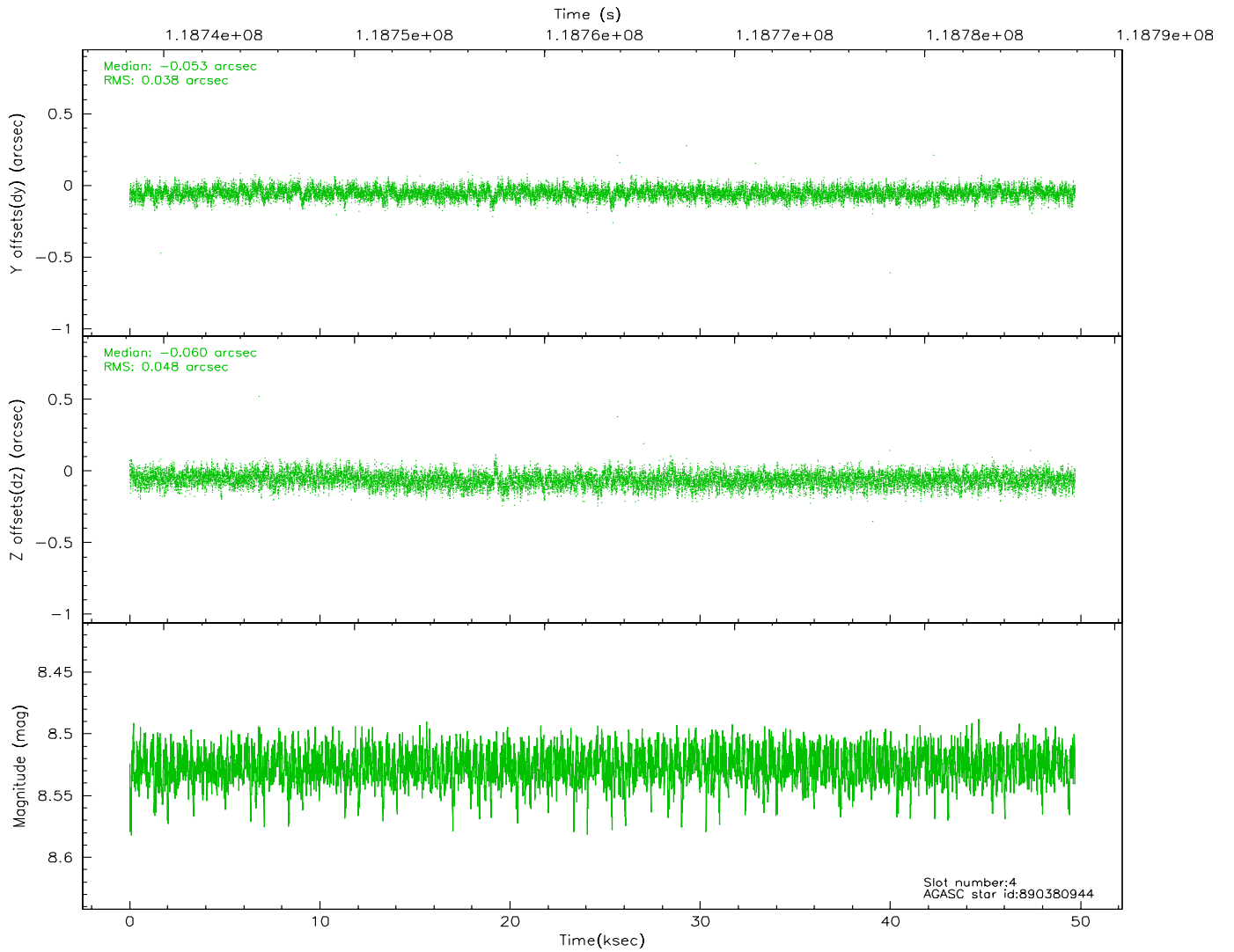
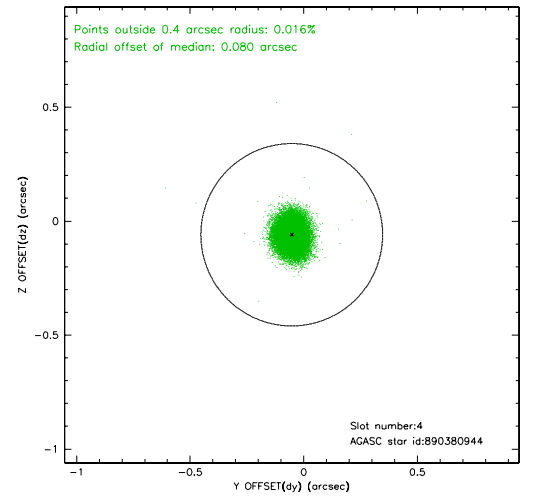
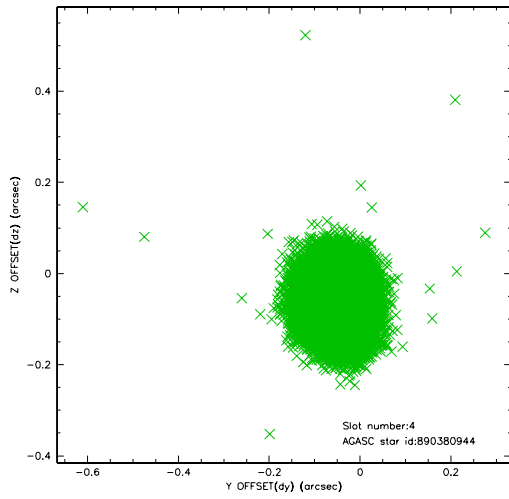
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	12124	0.030	0.034	0.012	0.021	0.000000	0.000000	-755.16	-1728.59
1	FID	ACIS-S-4	7.20	12124	-0.049	-0.016	0.010	0.017	0.000000	0.000000	2158.04	179.87
2	FID	ACIS-S-6	7.35	12124	-0.010	-0.012	0.009	0.015	0.000000	0.000000	406.75	817.24
3	GUIDE	890381832	7.86	24177	0.102	0.121	0.068	0.105	244.617736	-23.274302	858.50	1426.44
4	GUIDE	890380944	8.53	24242	-0.053	-0.060	0.065	0.105	243.587117	-22.682885	-568.47	-2337.32
5	GUIDE	814500752	8.68	24245	-0.135	-0.120	0.079	0.126	244.420772	-22.494682	-1771.99	248.79
6	GUIDE	890376768	9.41	24229	0.083	-0.039	0.090	0.152	243.651467	-23.215068	1267.92	-1750.74
7	GUIDE	890505176	10.24	24154	0.002	0.101	0.156	0.259	245.032648	-22.518938	-2072.05	2263.72

2.4 Star Slots

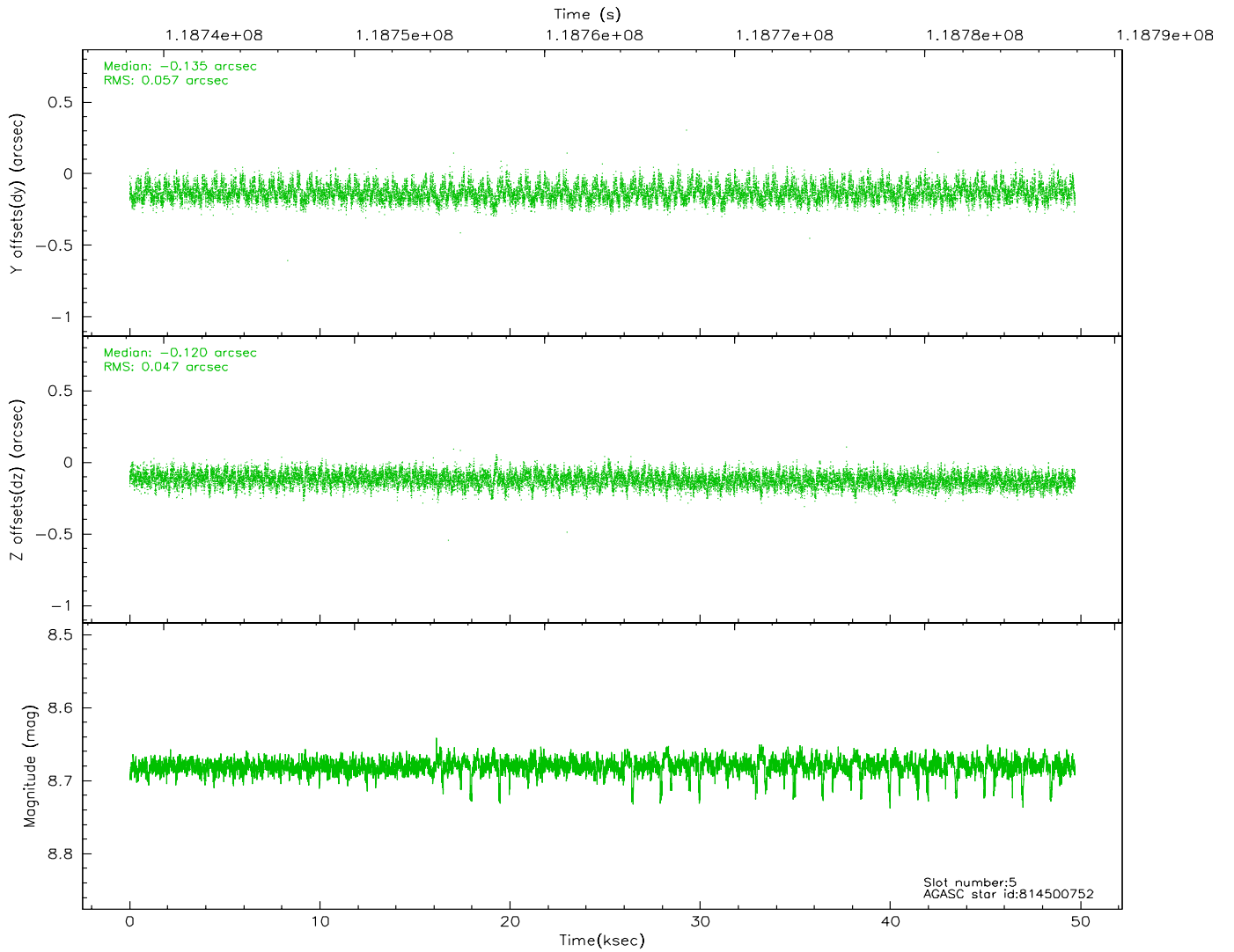
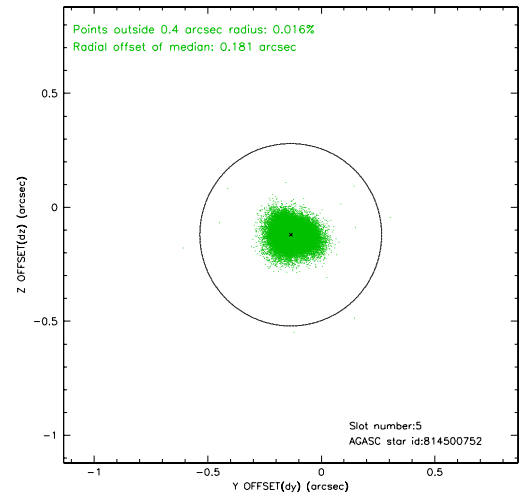
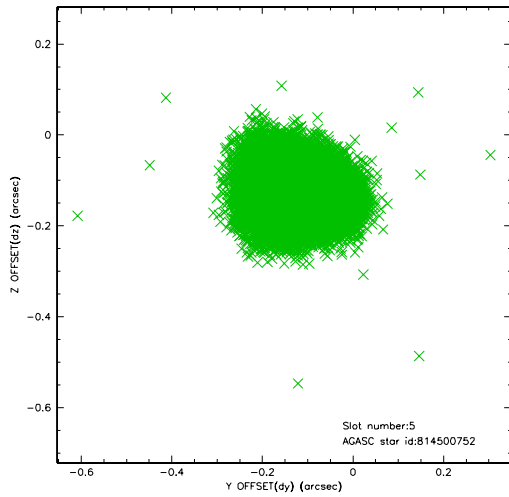
2.4.1 Slot 3



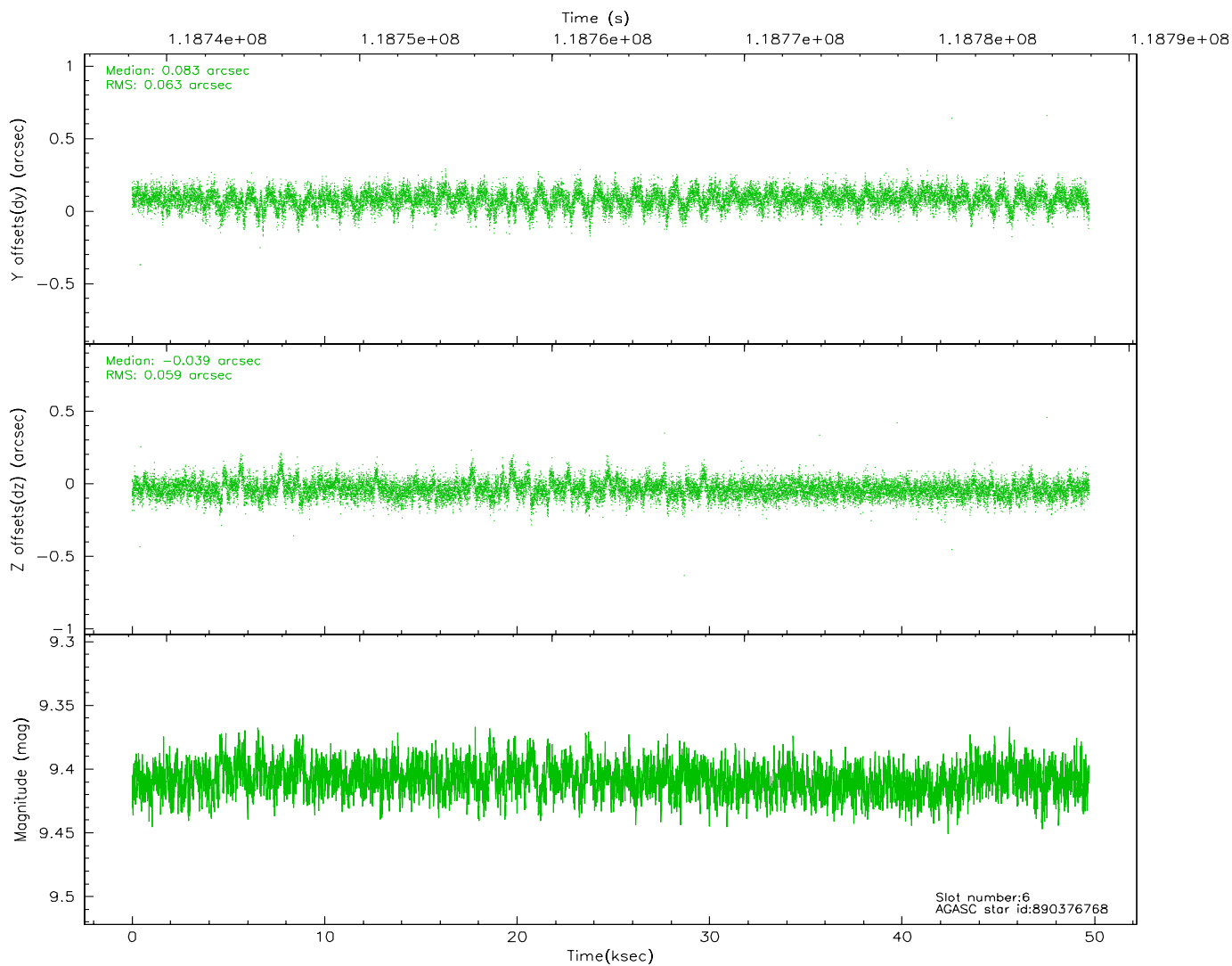
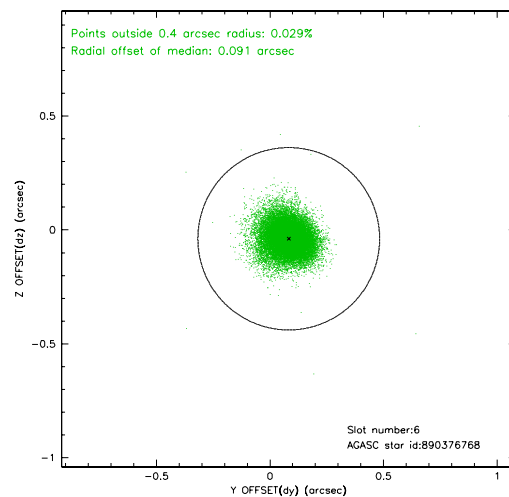
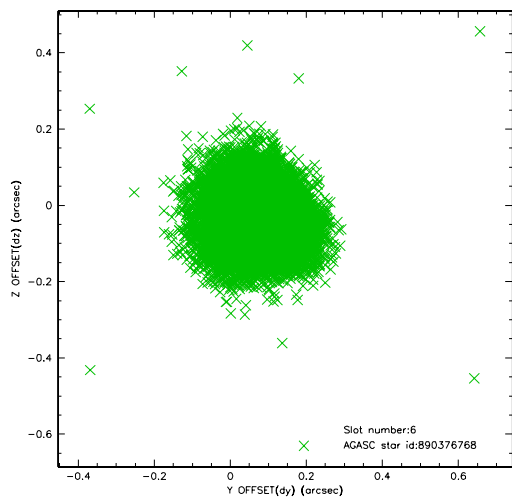
2.4.2 Slot 4



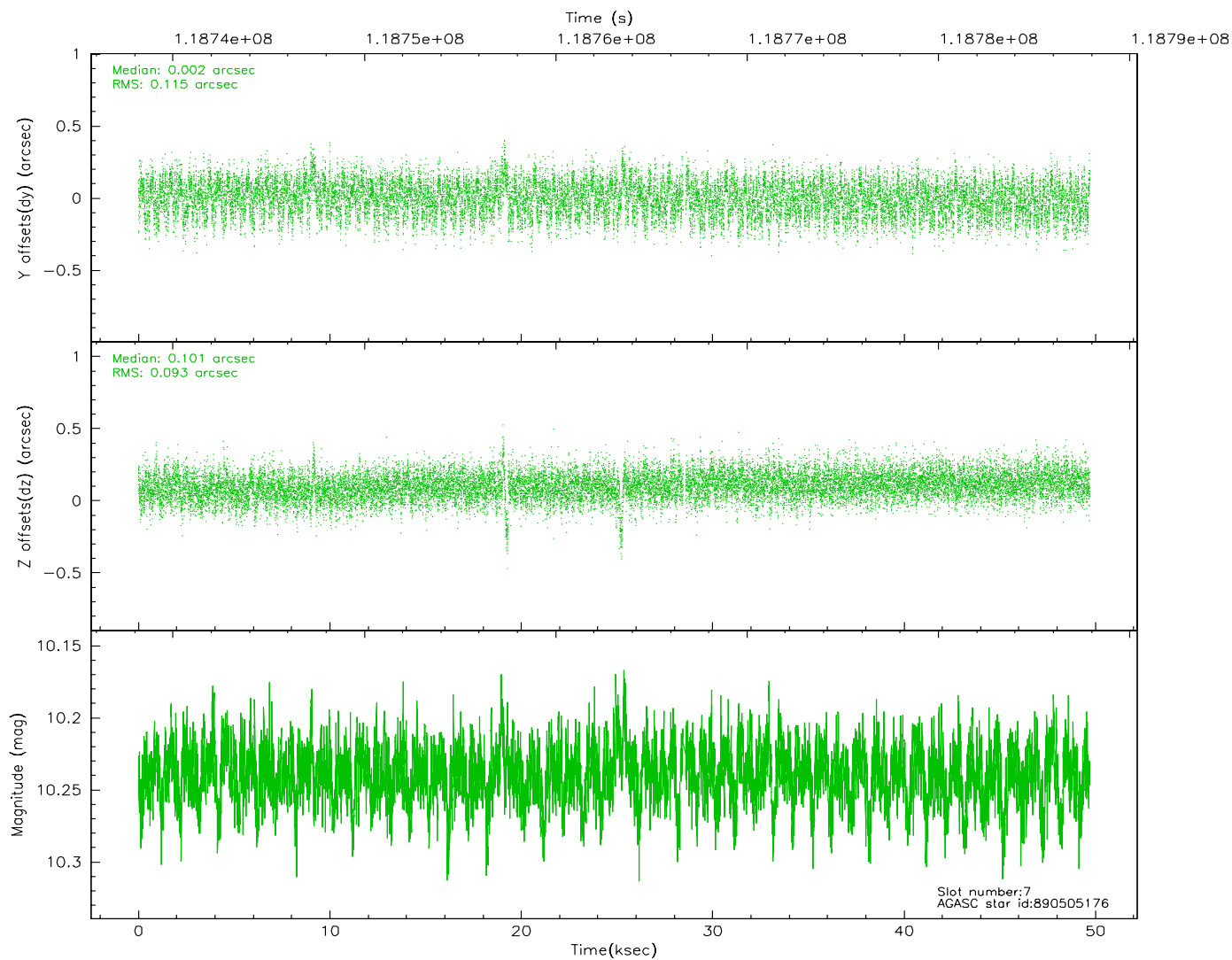
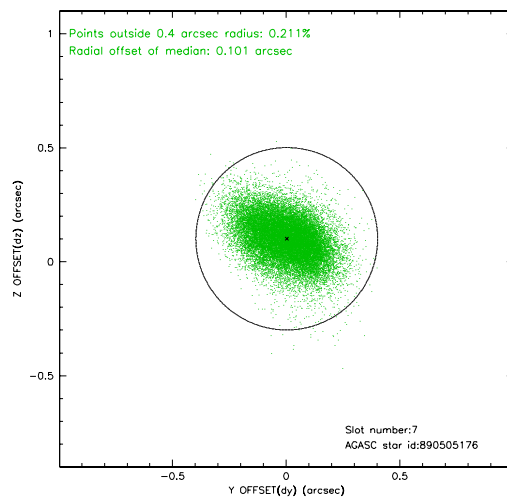
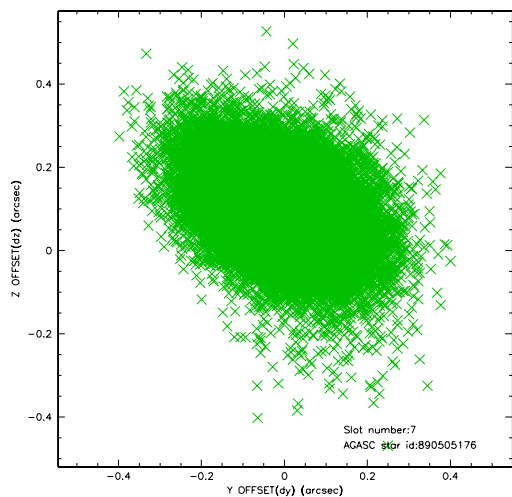
2.4.3 Slot 5



2.4.4 Slot 6

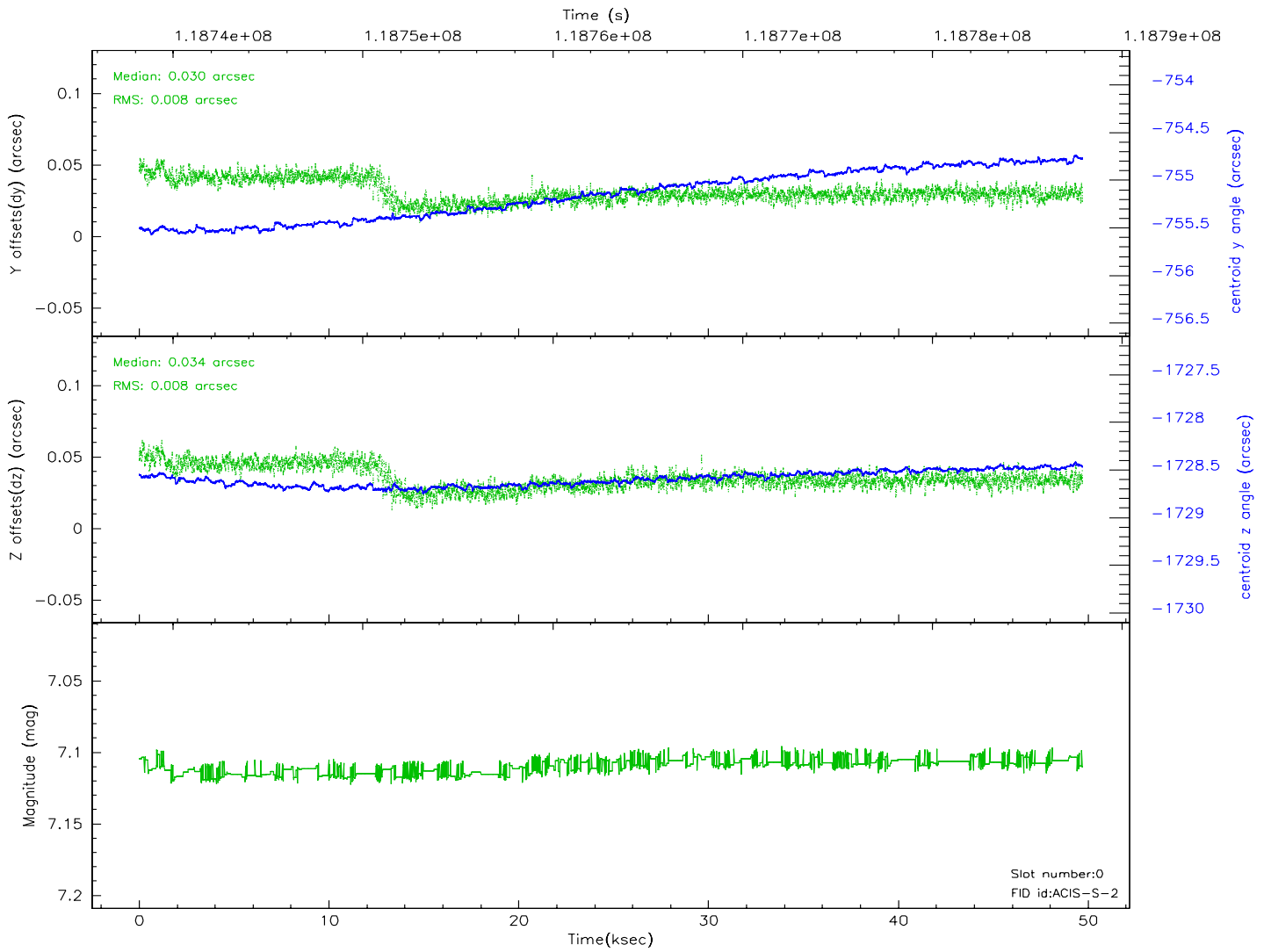
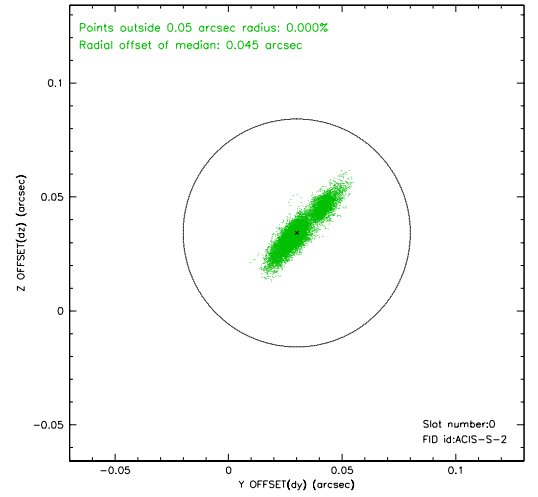
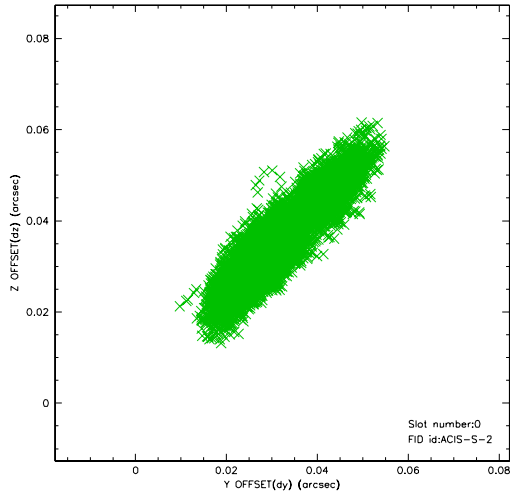


2.4.5 Slot 7

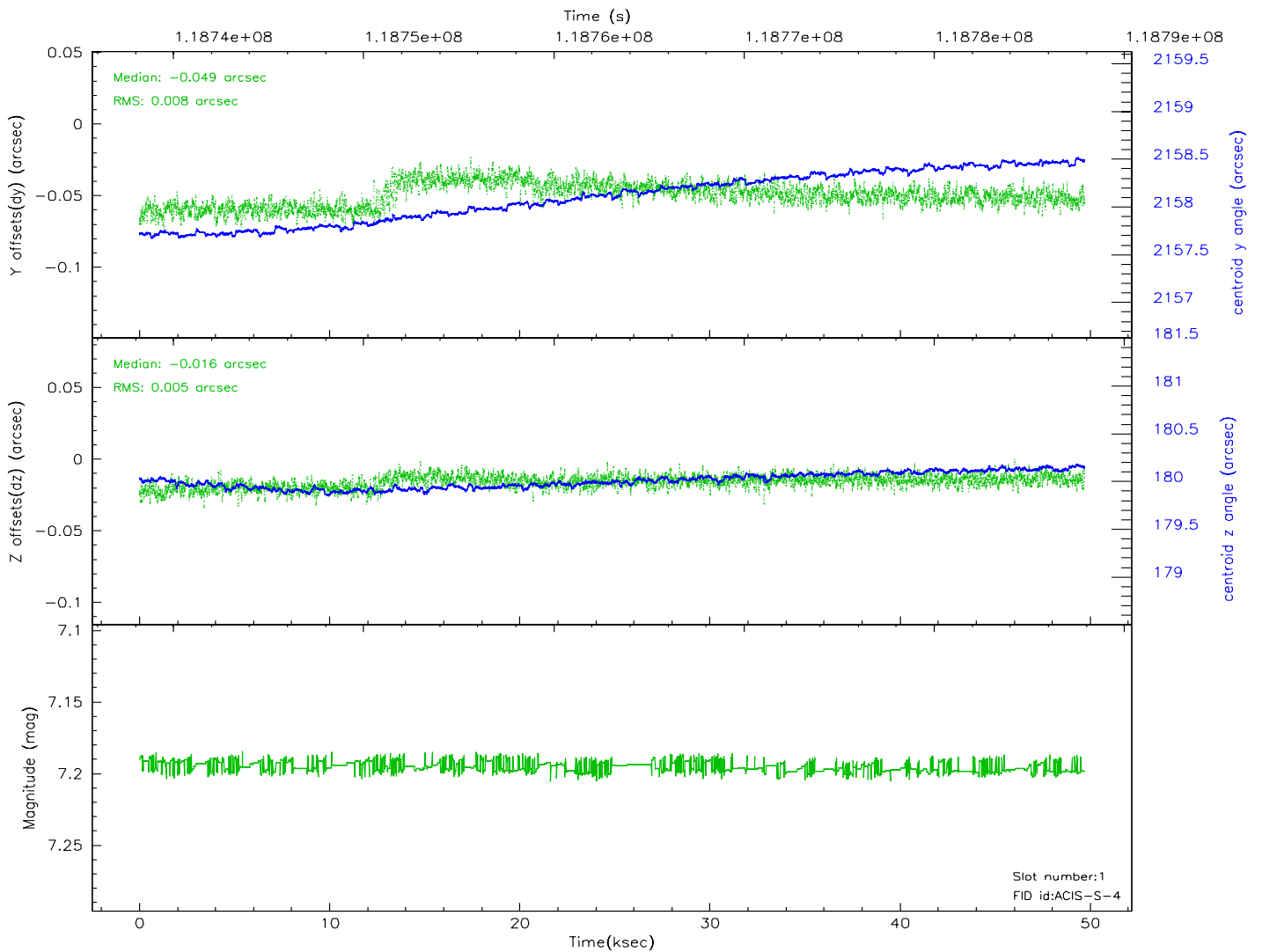
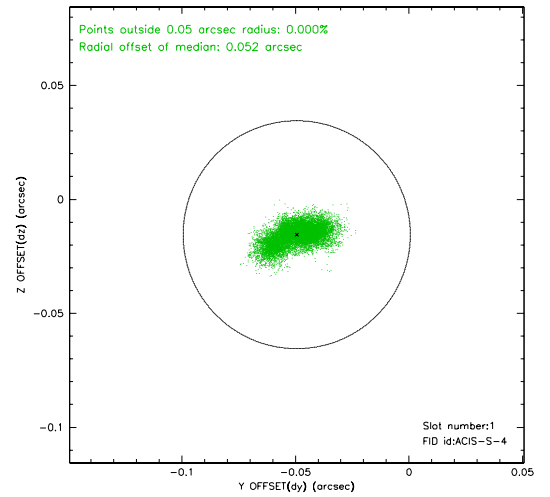
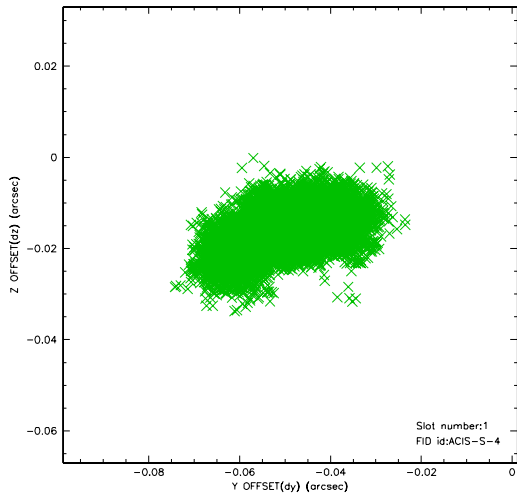


2.5 FID Slots

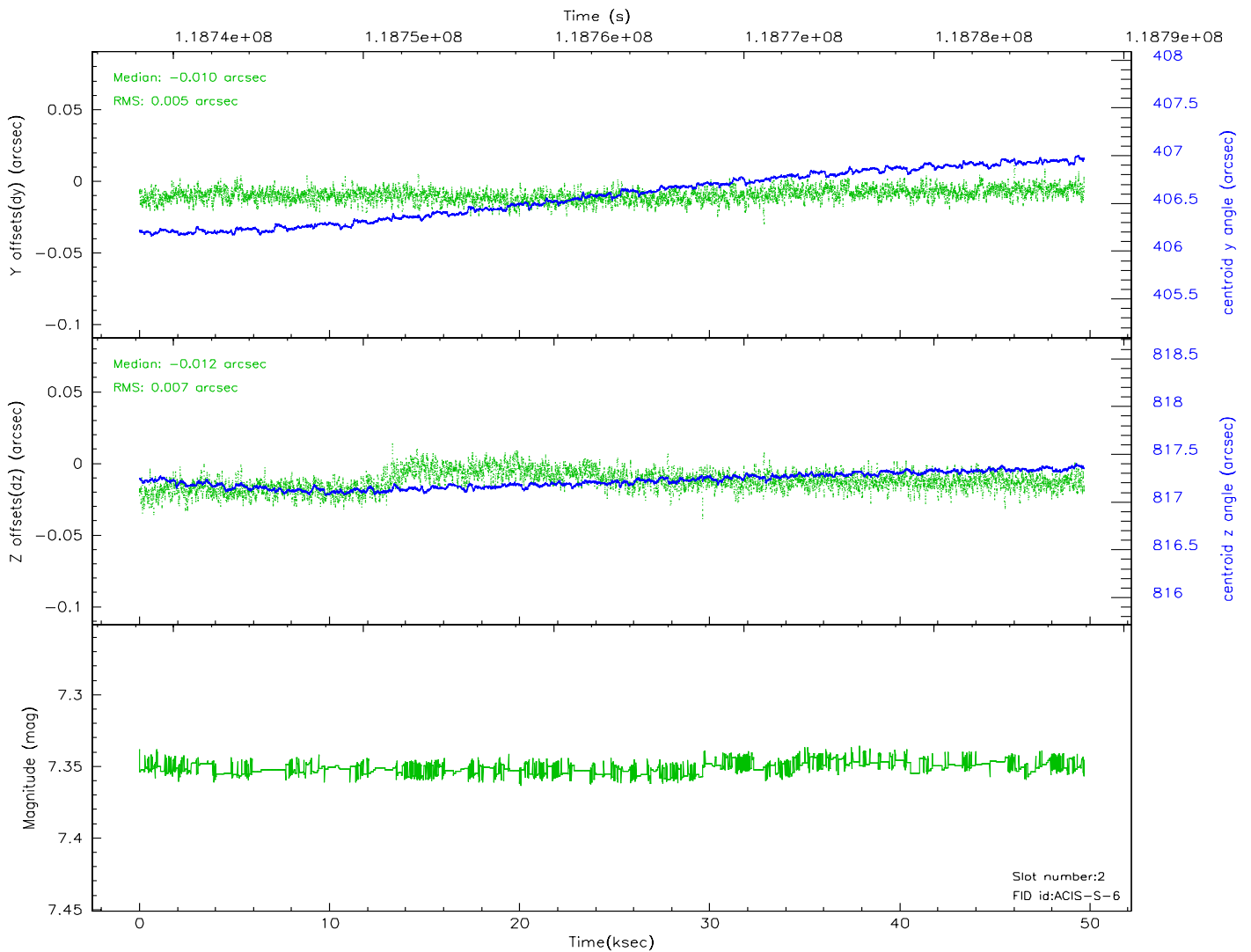
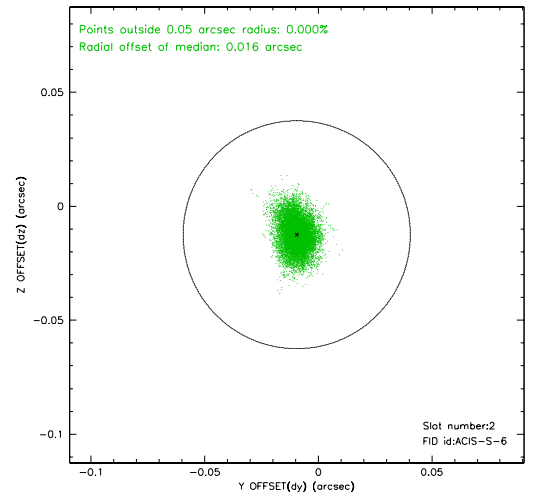
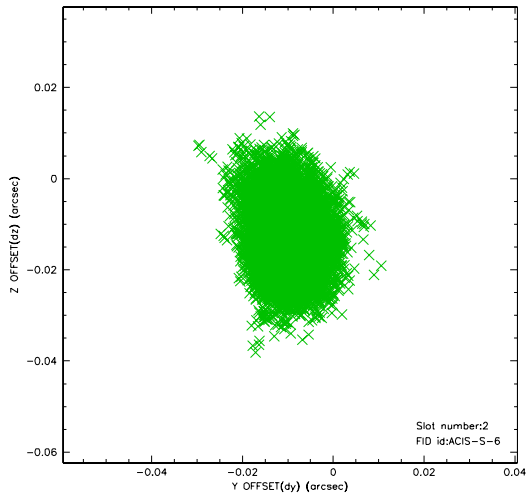
2.5.1 Slot 0



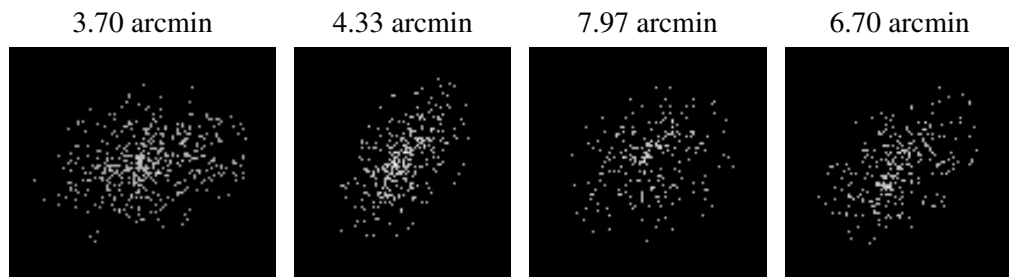
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.01.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	49.228

A.2 Comments