

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 6258 - L2 Version 002
Chandra X-Ray Center

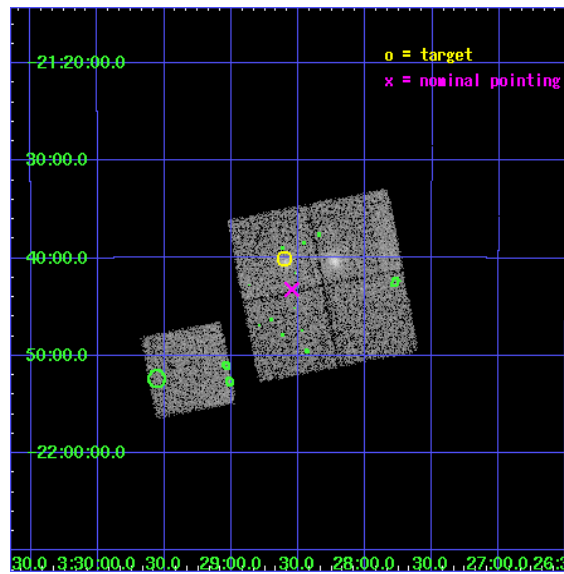
L2 Processing Date: Feb 27 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

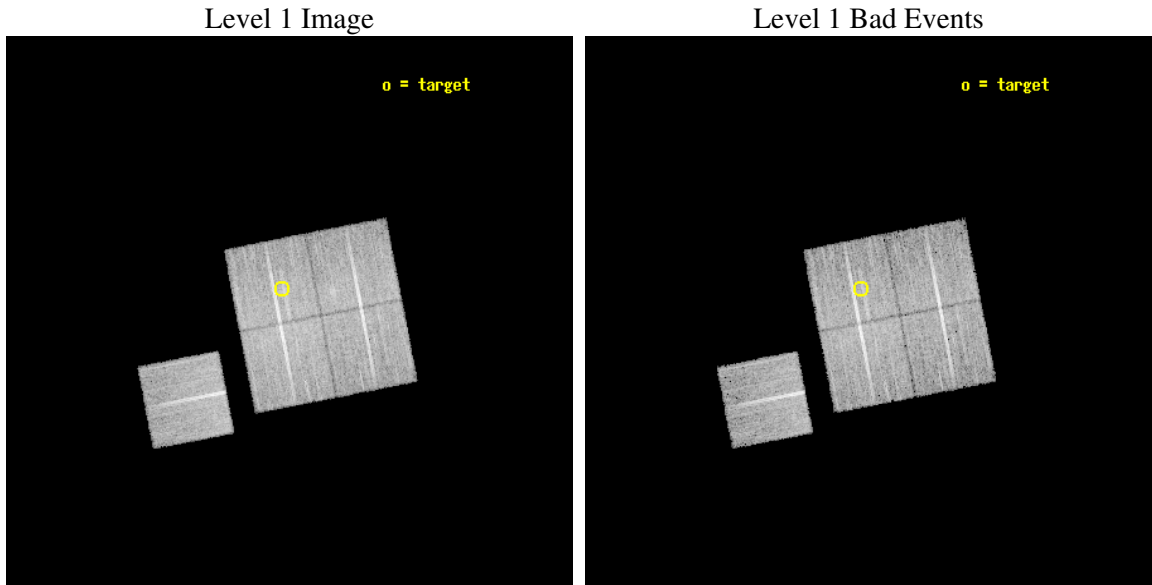
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obs_id	6258
title	DARK ENERGY WITH X-RAY CLUSTERS: CHANDRA OBSERVATIONS OF 41 HIGH-REDSHIFT CLUSTERS FROM THE 400 deg ² ROSAT PSPC SURVEY
observer	Dr Alexey Vikhlinin
object	cl0328-2140
dtcycle	0
cycle	P
ra_targ	52.150417
dec_targ	-21.667778
ra_nom	52.137147836224
dec_nom	-21.720689087214
roll_nom	259.00379268578
revision	2
ontime	13271.059014231
livetime	13097.662858199
ontime0	13274.199974477
ontime1	13271.059004217
ontime2	13274.199974477
ontime3	13271.059014231
ontime6	13274.199974477
l2events	40356



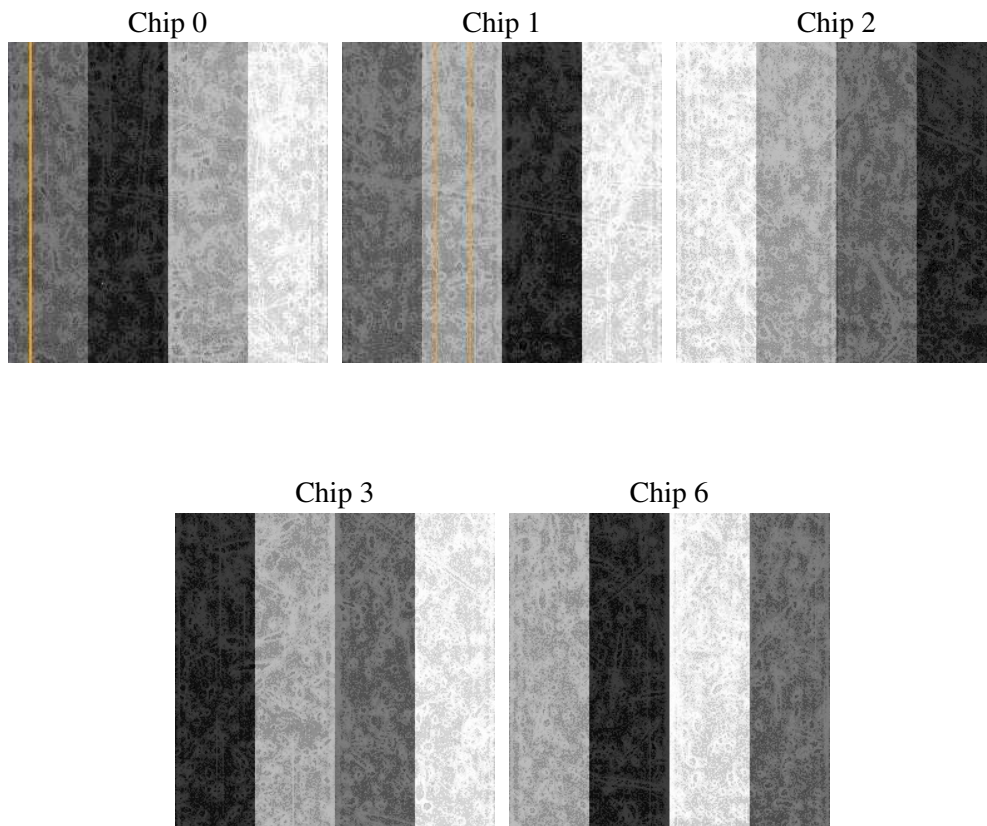
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-27T13:38:00
revision	2

sched_exp_time	13165.662000
ontime	14473.738456815
ontime0	14476.879417062
ontime1	14473.738446802
ontime2	14476.879417062
ontime3	14473.738456815
ontime6	14476.879417062
l1events	451498

2.1.4 Events

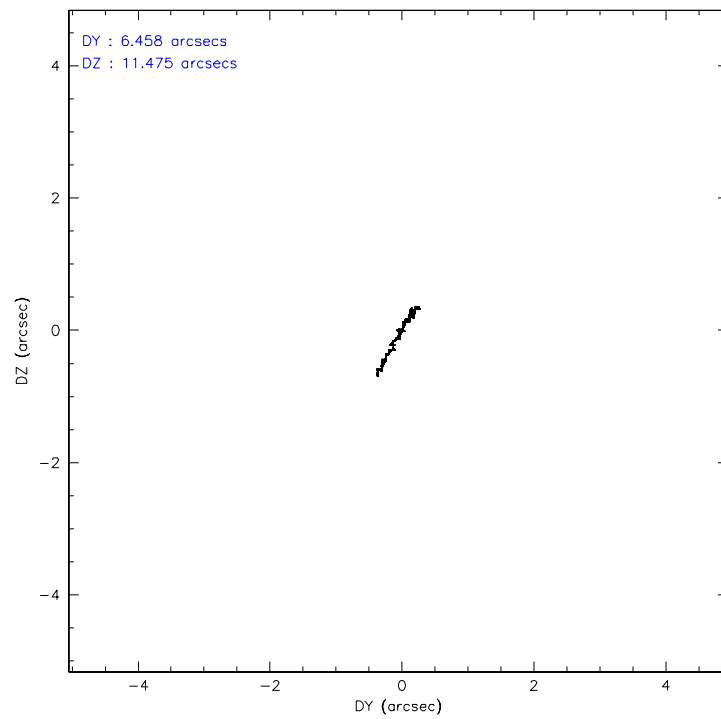
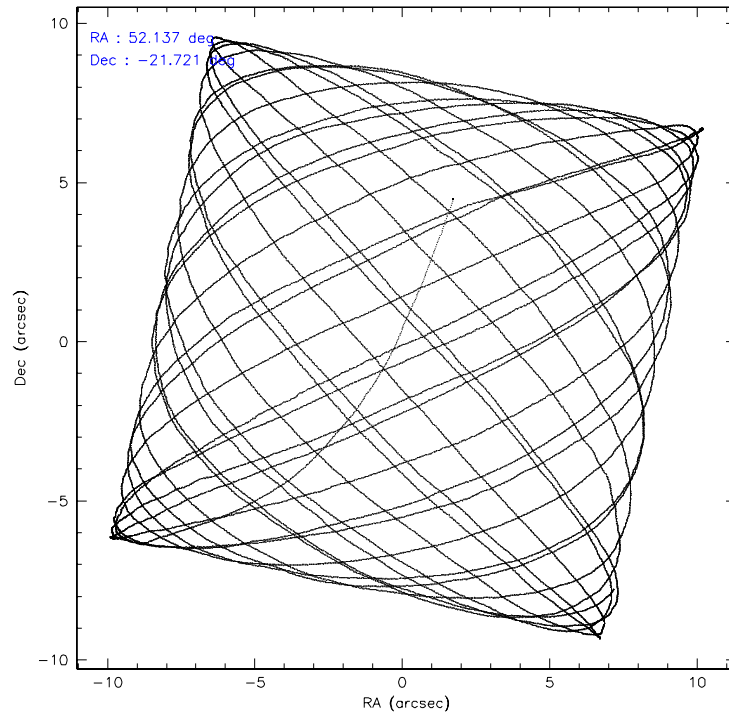
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	84800	86809	96144	93793	89952
rejected events	75846	75359	87119	84506	80671
rejected %	89%	86%	90%	90%	89%

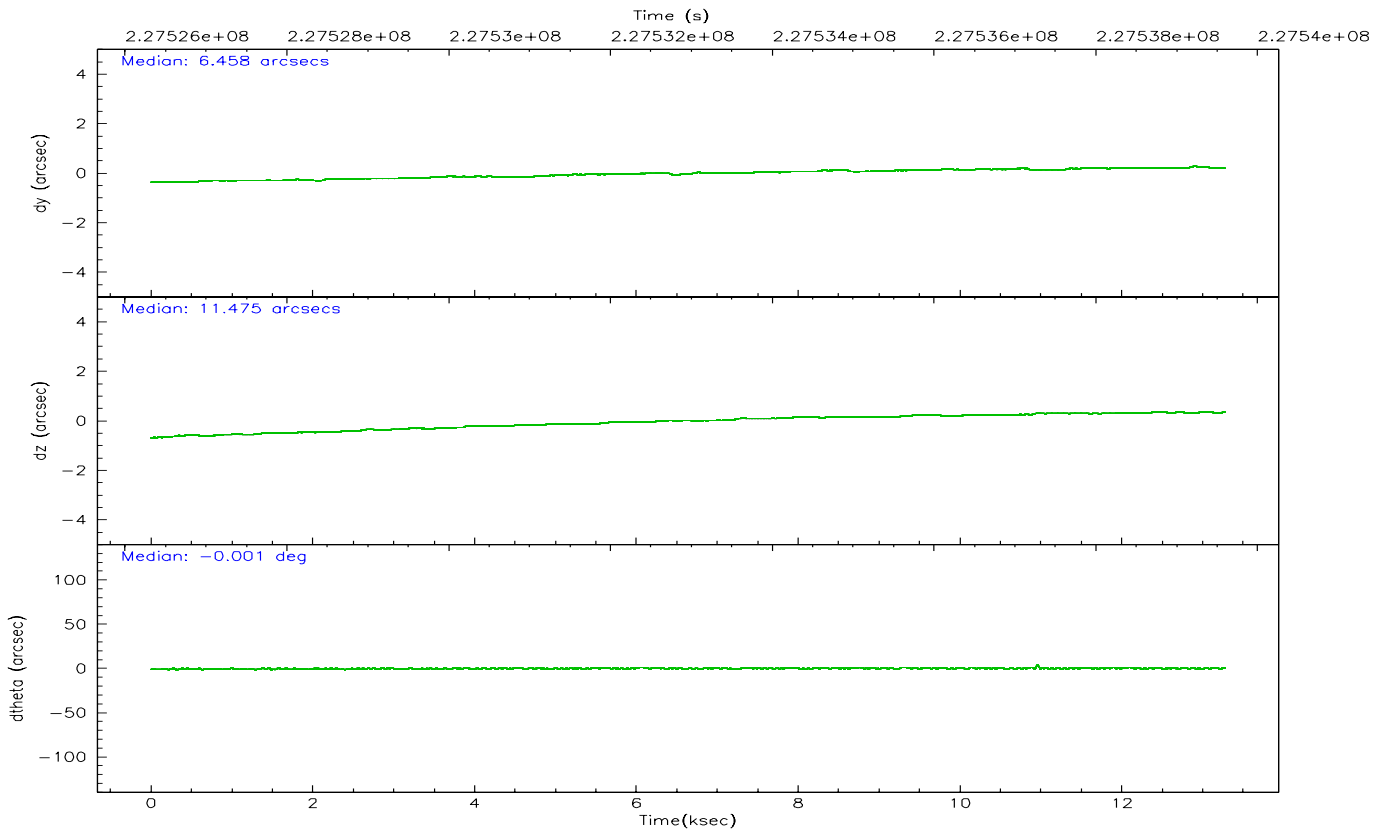
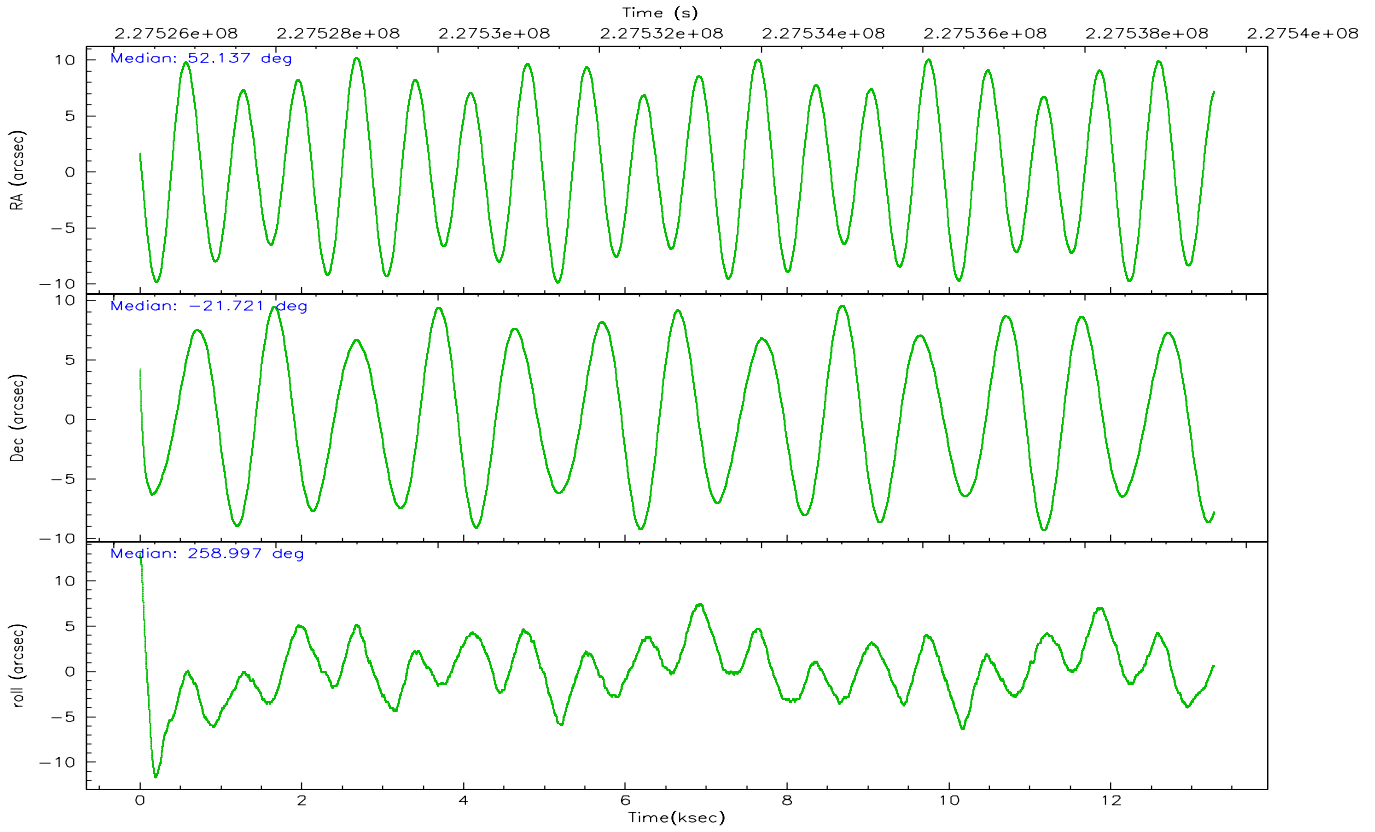
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	3589	5283	3831	4155	3776
	4%	6%	3%	4%	4%
grade 1 events	56	41	39	61	45
	0%	0%	0%	0%	0%
grade 2 events	2214	2493	2224	2081	2011
	2%	2%	2%	2%	2%
grade 3 events	1096	1182	991	1021	1130
	1%	1%	1%	1%	1%
grade 4 events	986	1179	1020	1076	1119
	1%	1%	1%	1%	1%
grade 5 events	3177	3454	2949	3666	3604
	3%	3%	3%	3%	4%
grade 6 events	1810	2204	1769	1717	2045
	2%	2%	1%	1%	2%
grade 7 events	71872	70973	83321	80016	76222
	84%	81%	86%	85%	84%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	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	52.127464	52.13714783622357	Alternating exposures requested	N	N
Pointing Dec	-21.694819	-21.72068908721373	Primary exposure time	0.000000	3.1
Pointing Roll	258.791511	259.0037926857753			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-225.840463	-225.8433433320239			
SIM translation stage offset (mm)	-7.752	-7.749109670905796			
Observation start time	227526433.184000	227524876.87291			
Observation start date	2005-03-18T09:46:09	2005-03-18T09:21:16			
Observation end time	227539599.184000	227539831.62359			
Observation end date	2005-03-18T13:25:35	2005-03-18T13:30:31			
Read mode	TIMED	TIMED			

2.3 Aspect



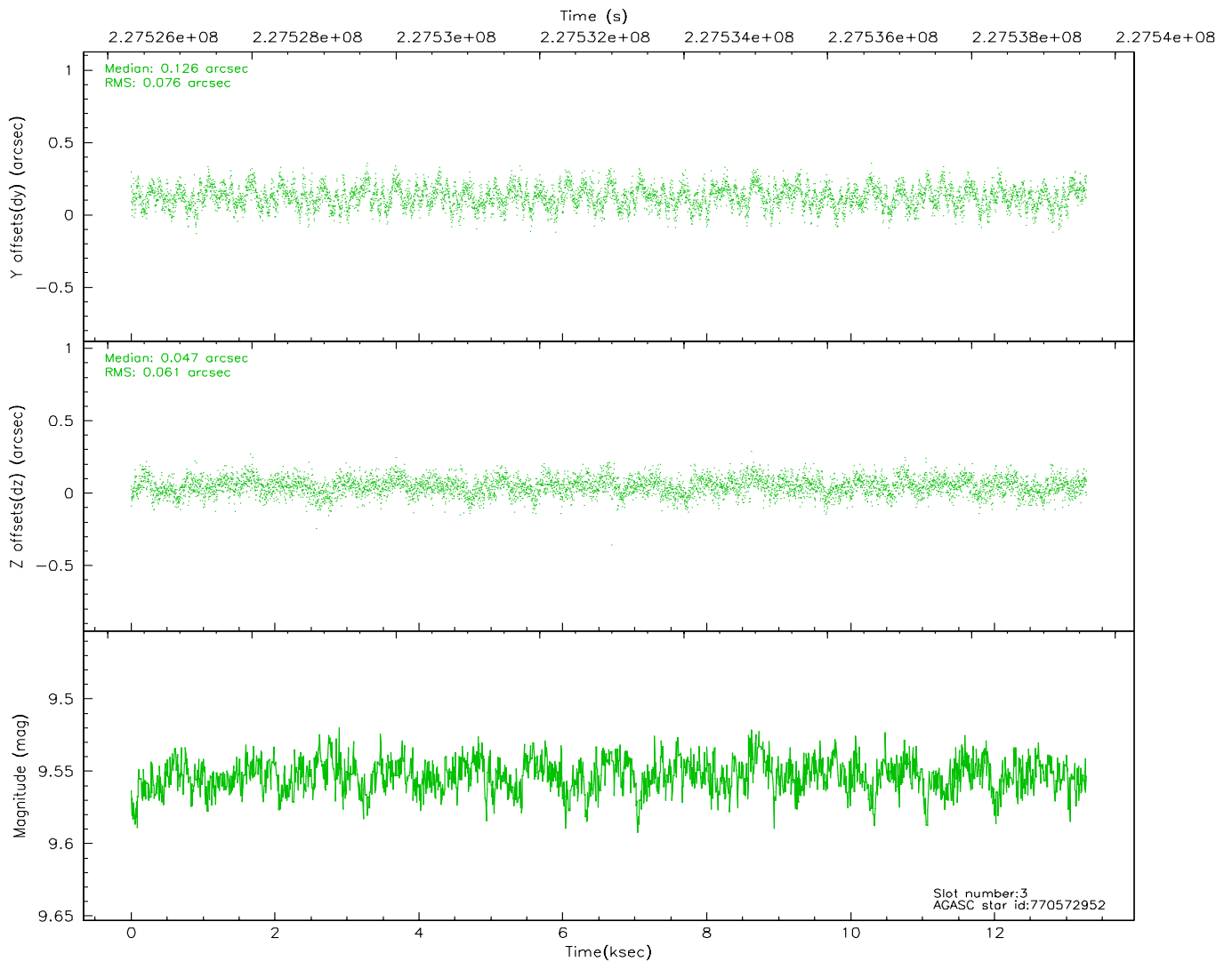
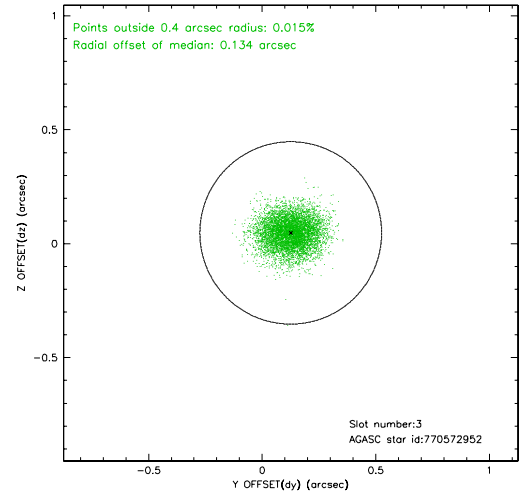
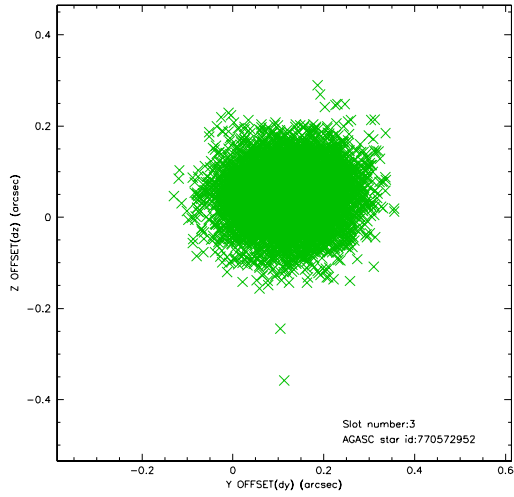


Slot Statistics

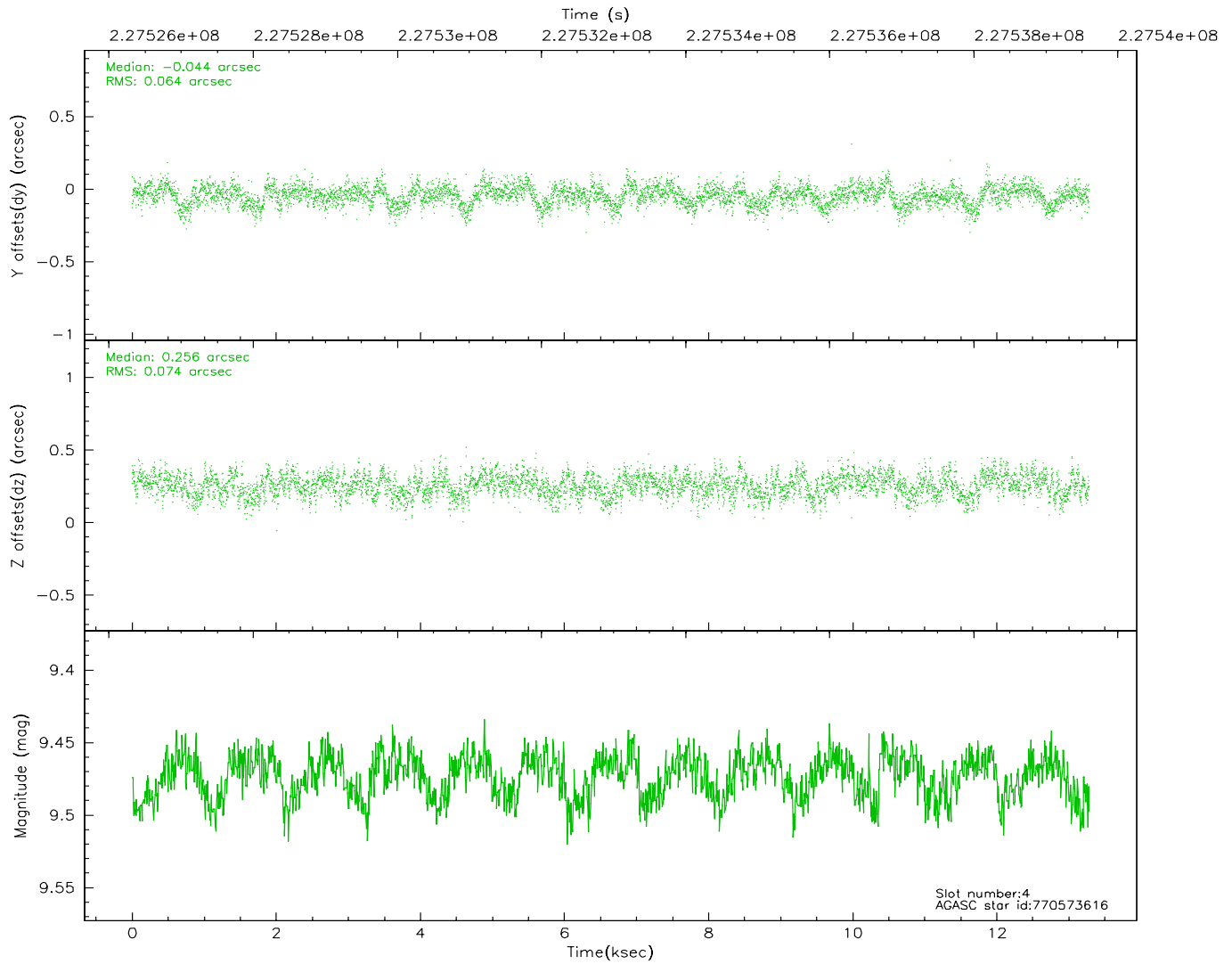
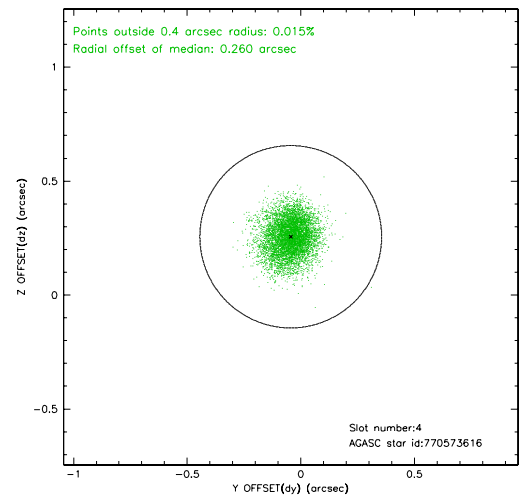
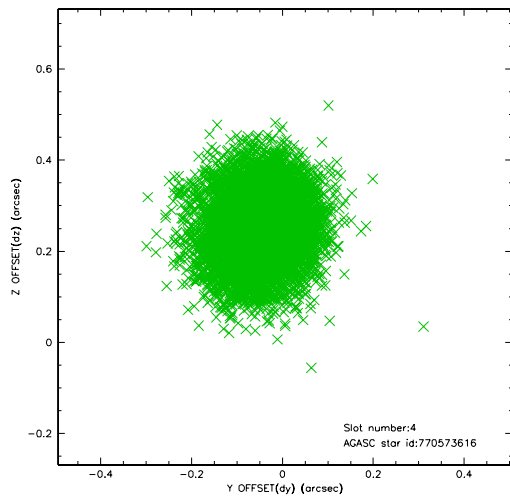
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.23	3239	0.109	-0.088	0.008	0.013	0.000000	0.000000	933.21	-994.12
1	FID	ACIS-I-5	7.22	3239	-0.202	0.109	0.010	0.016	0.000000	0.000000	-1814.97	903.39
2	FID	ACIS-I-6	7.25	3239	0.001	0.050	0.013	0.021	0.000000	0.000000	398.30	1548.21
3	GUIDE	770572952	9.55	6476	0.126	0.047	0.104	0.164	52.678188	-22.321624	1860.37	2238.99
4	GUIDE	770573616	9.47	6465	-0.044	0.256	0.105	0.167	51.694921	-21.667566	187.68	-1437.25
5	GUIDE	770575272	8.84	6475	0.083	-0.052	0.091	0.153	51.531858	-22.160854	2035.89	-1620.84
6	GUIDE	770575376	8.46	6476	0.022	-0.082	0.066	0.106	51.490218	-22.063612	1719.98	-1825.89
7	GUIDE	770581640	7.84	6477	-0.183	-0.161	0.059	0.094	52.322400	-21.371182	-1269.19	414.51

2.4 Star Slots

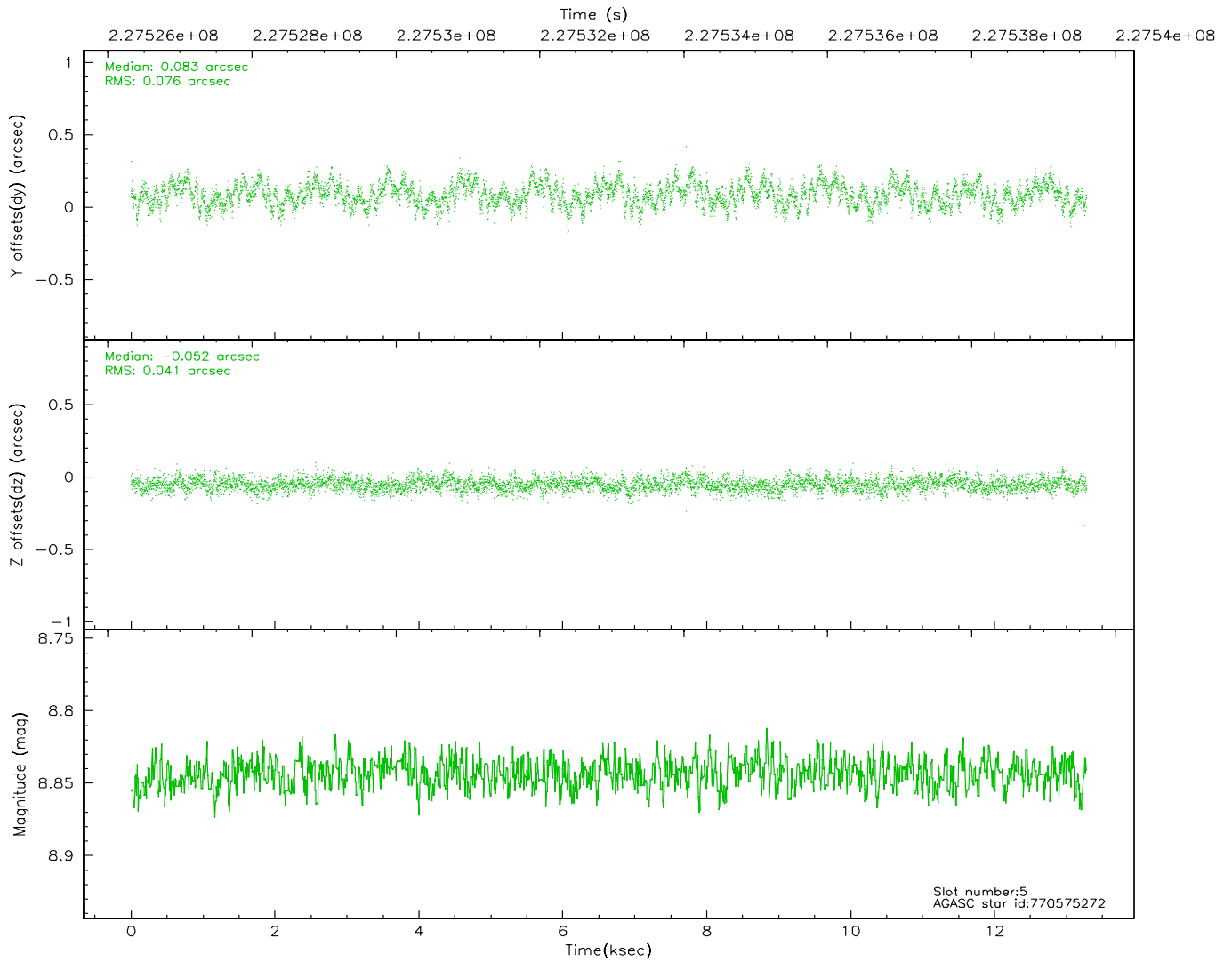
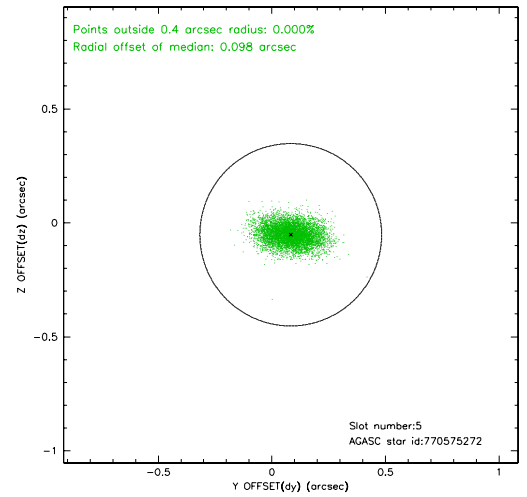
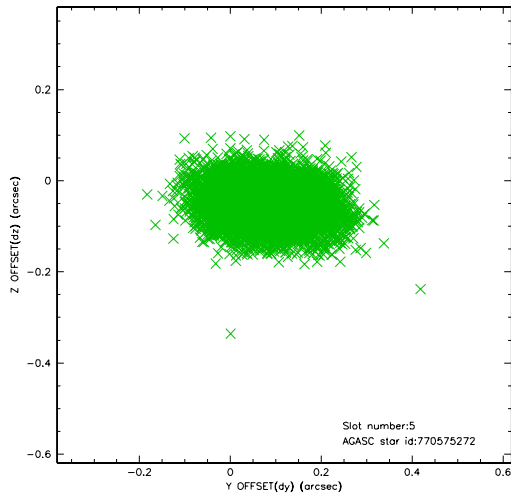
2.4.1 Slot 3



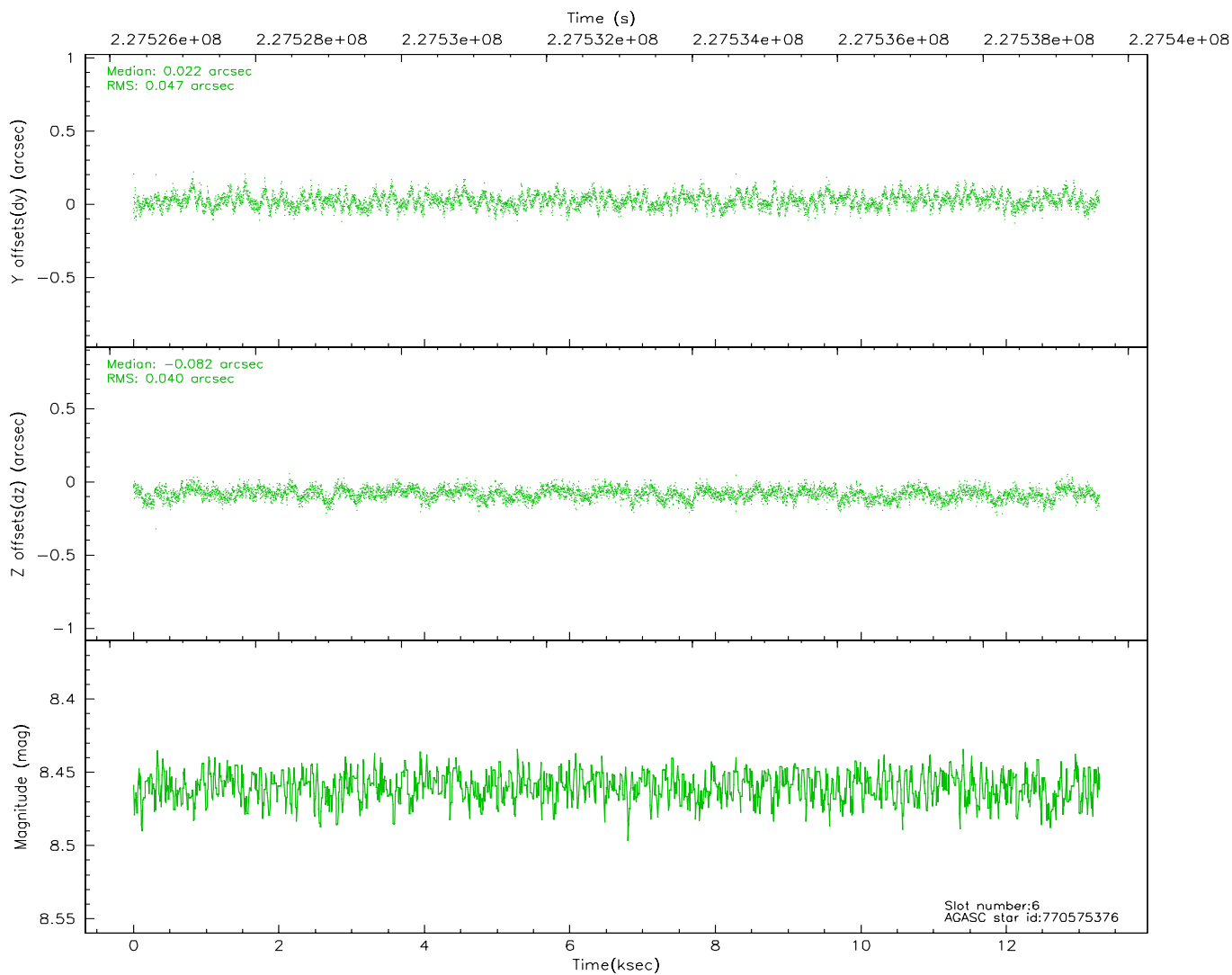
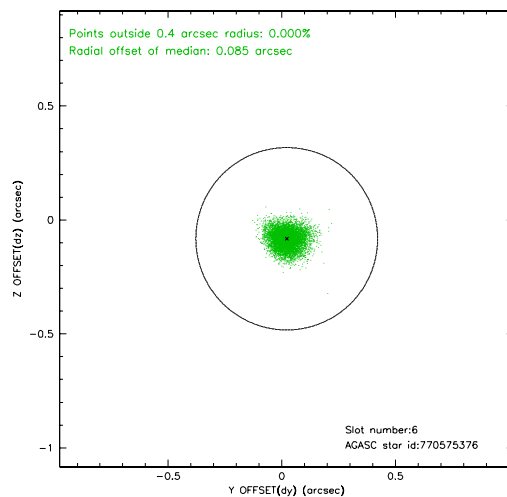
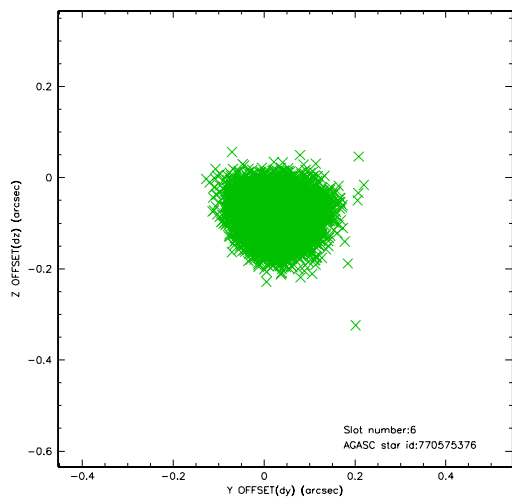
2.4.2 Slot 4



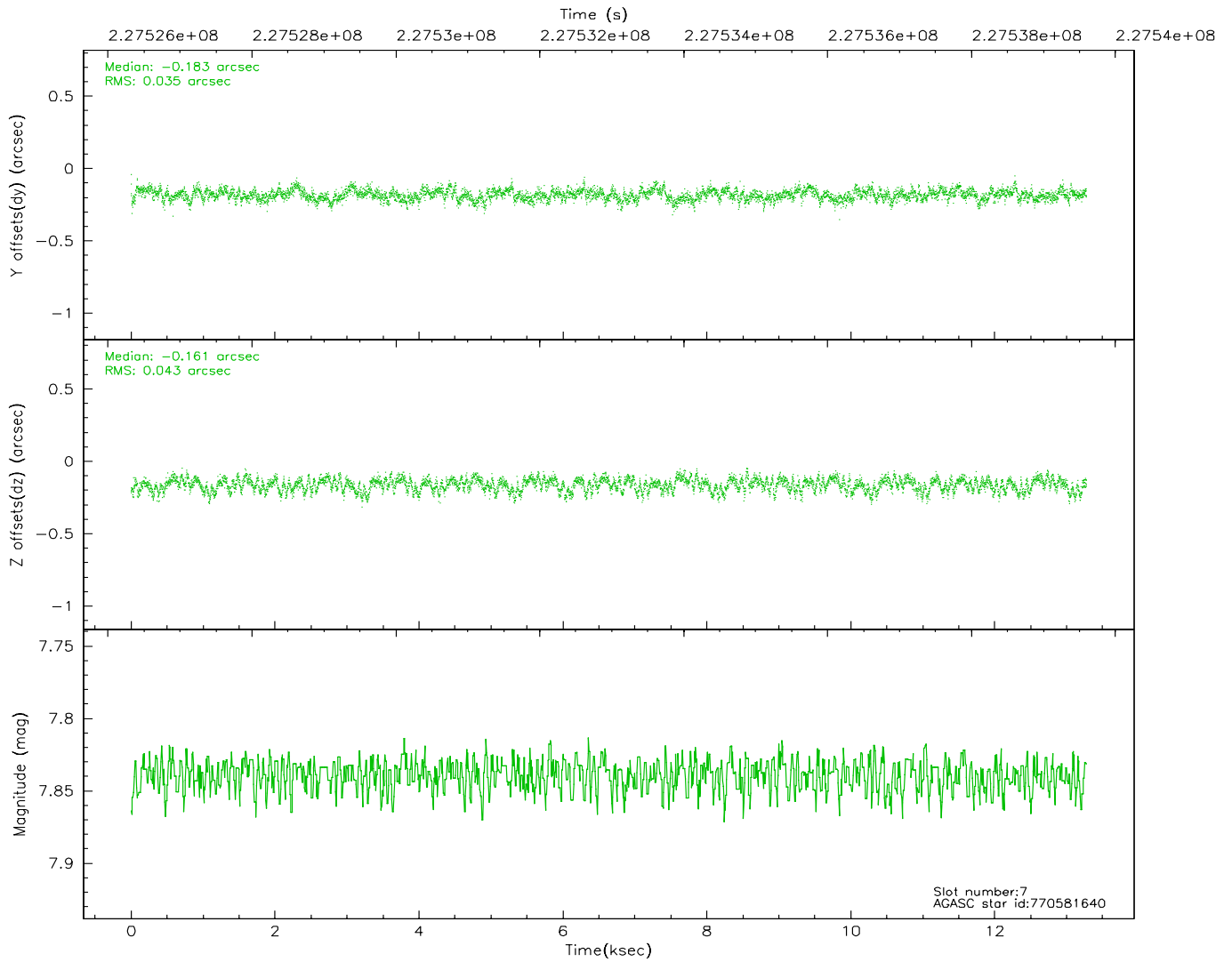
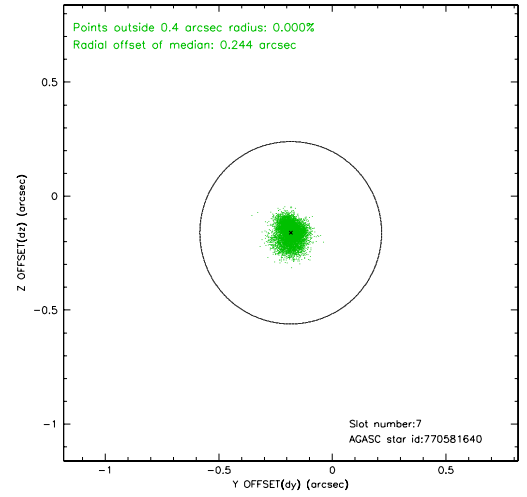
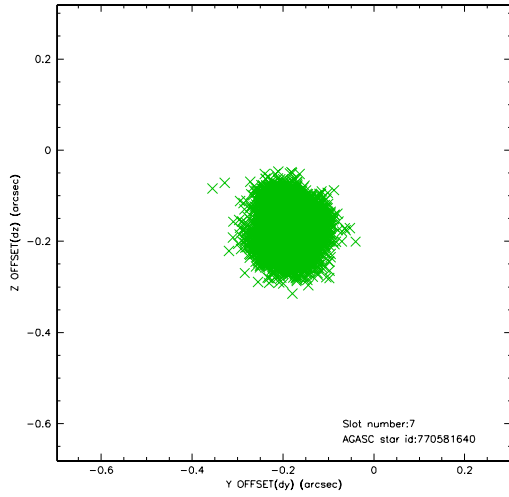
2.4.3 Slot 5



2.4.4 Slot 6

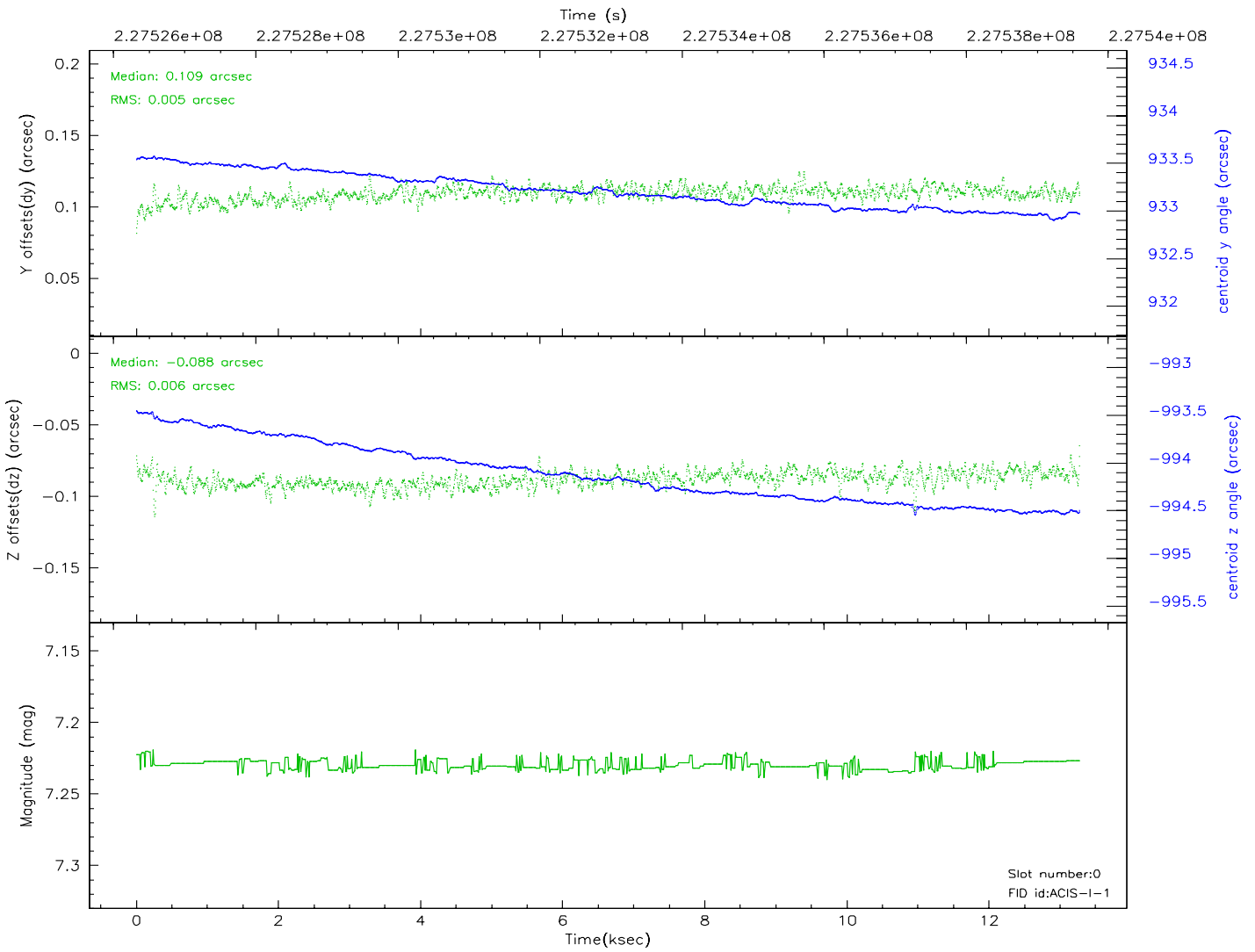
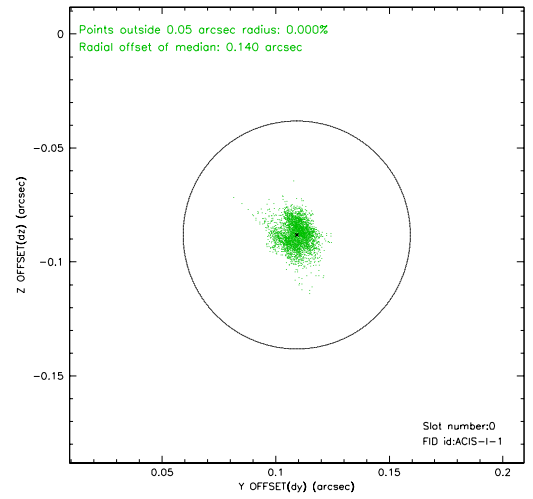
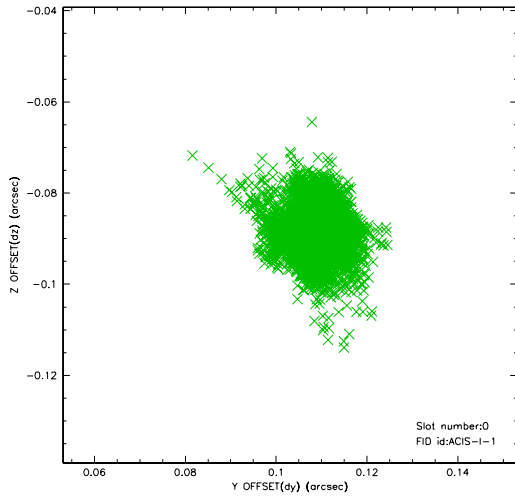


2.4.5 Slot 7

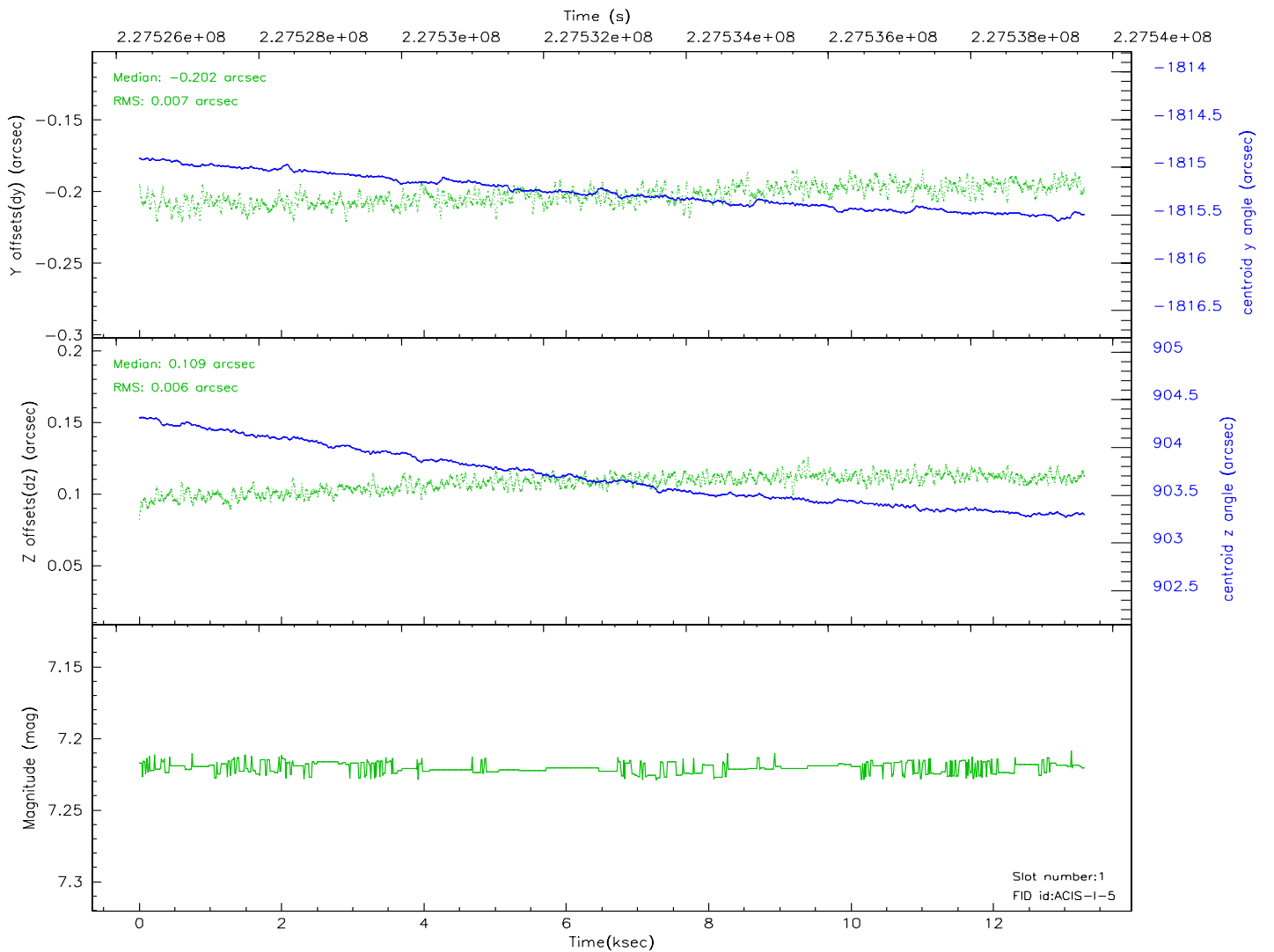
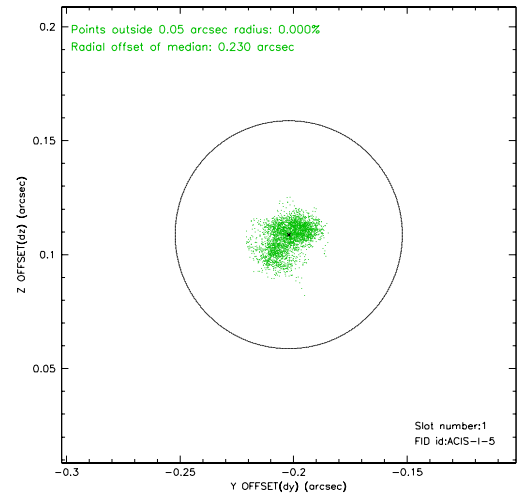
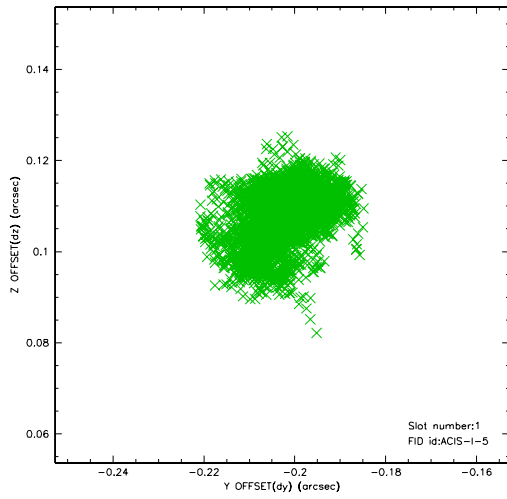


2.5 FID Slots

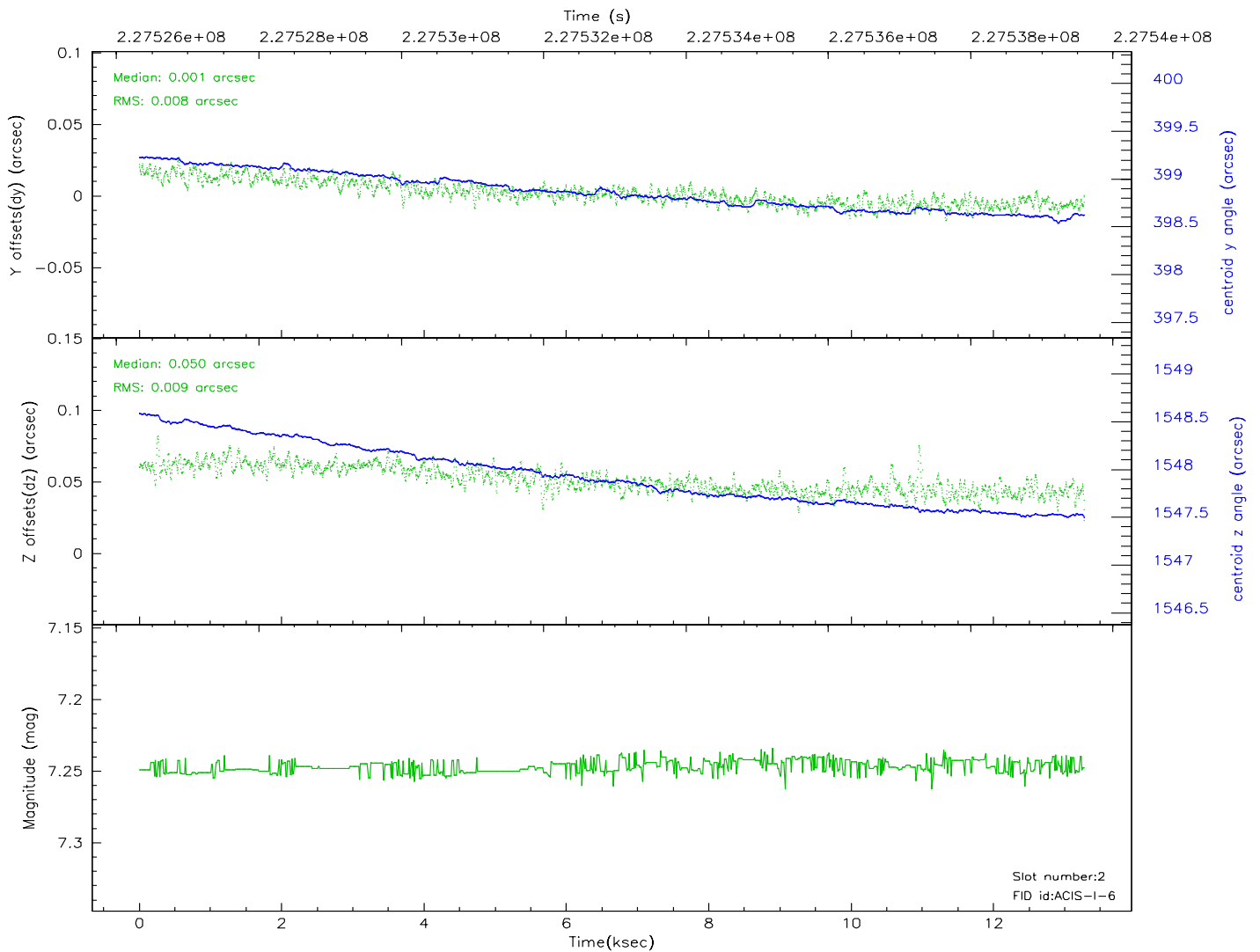
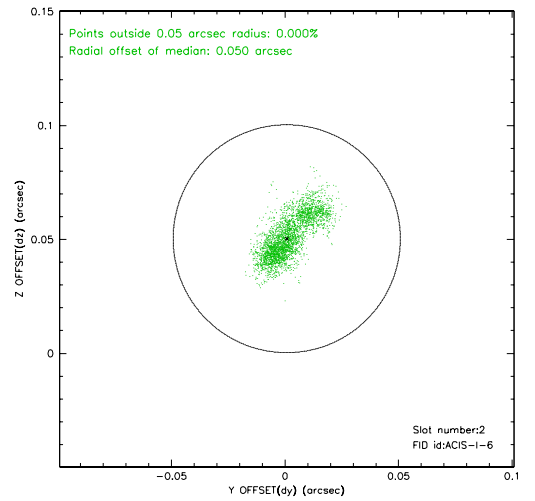
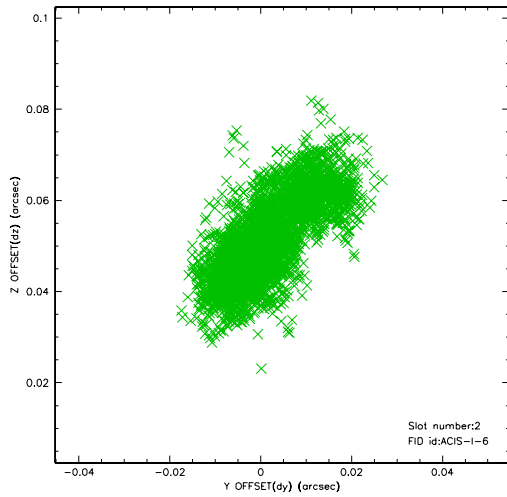
2.5.1 Slot 0



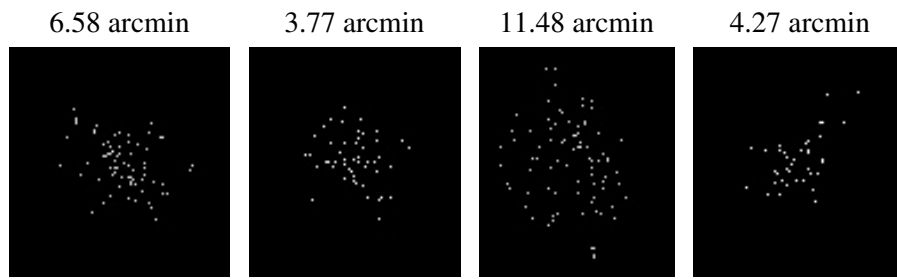
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.02.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	13.27105

A.2 Comments