

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3836 - L2 Version 001
Chandra X-Ray Center

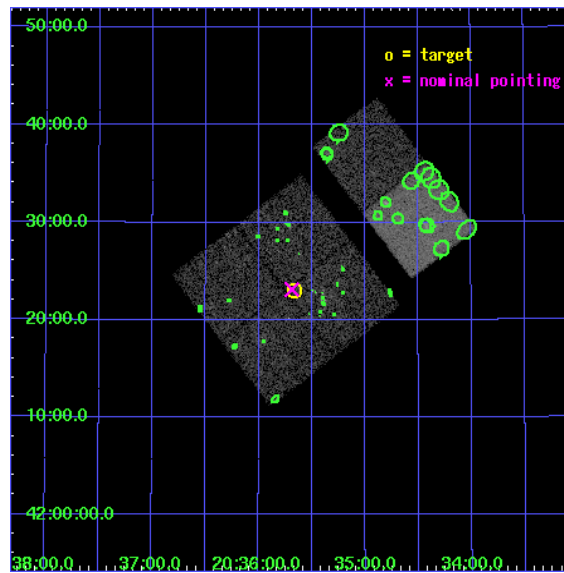
L2 Processing Date : Jul 24 2006

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1 Front

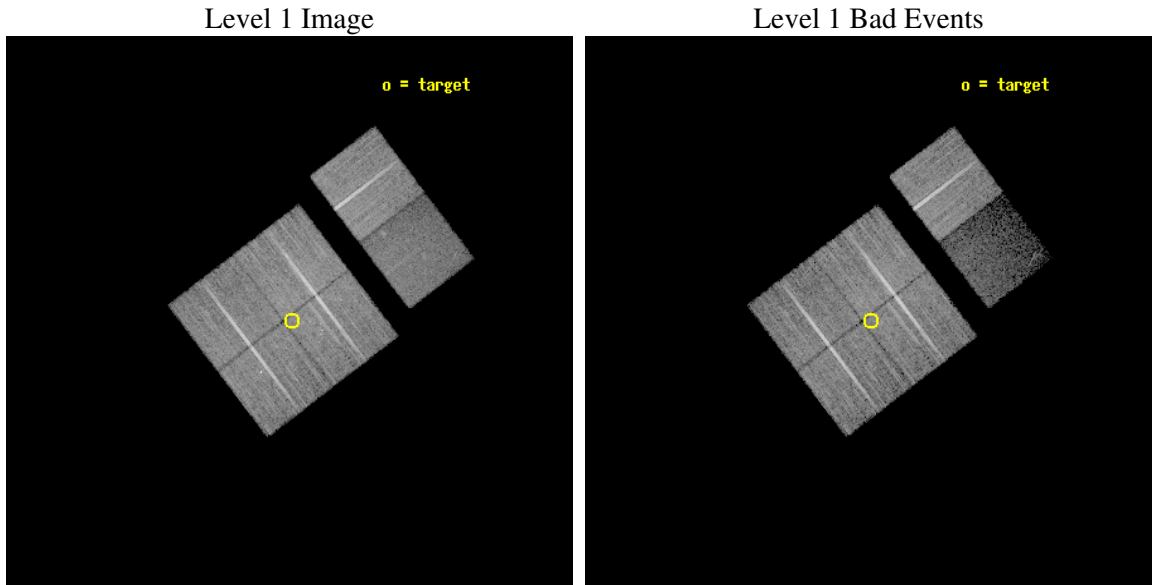
seq_num	500315
obs_id	3836
title	REVEALING THE PULSAR COUNTERPARTS OF EGRET SOURCES
observer	Prof. JULES HALPERN
object	GEV J2035+4214
dtcycle	0
cycle	P
ra_targ	308.916667
dec_targ	42.383333
ra_nom	308.9221092149
dec_nom	42.385607730529
roll_nom	52.647559949909
revision	2
ontime	19740.513174474
livetime	19490.546910349
ontime0	19750.200036645
ontime1	19750.236085355
ontime2	19730.790323645
ontime3	19740.513174474
ontime6	19756.717995852
ontime7	19740.513204604
l2events	64006



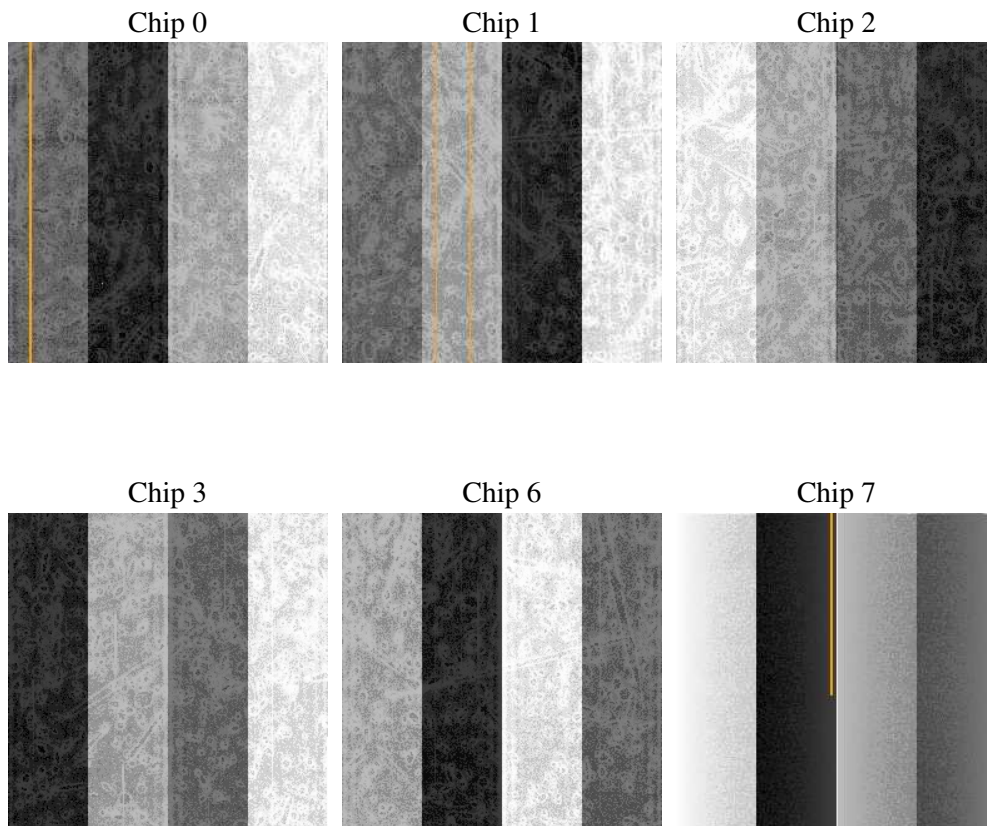
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-24T17:15:49
revision	2

sched_exp_time	19800.000000
ontime	19744.168550789
ontime0	19753.891521335
ontime1	19753.89146167
ontime2	19734.44569996
ontime3	19744.168550789
ontime6	19760.373372167
ontime7	19744.16858092
l1events	504763

2.1.4 Events

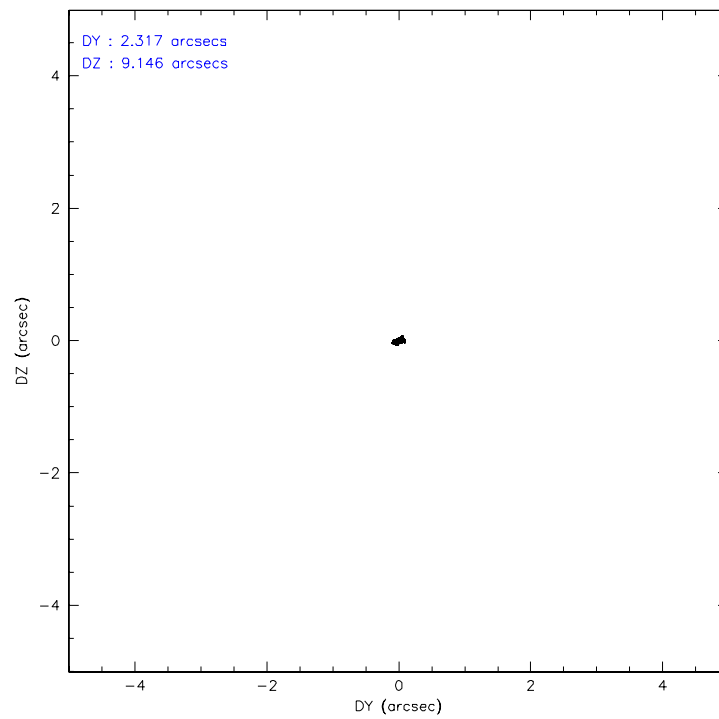
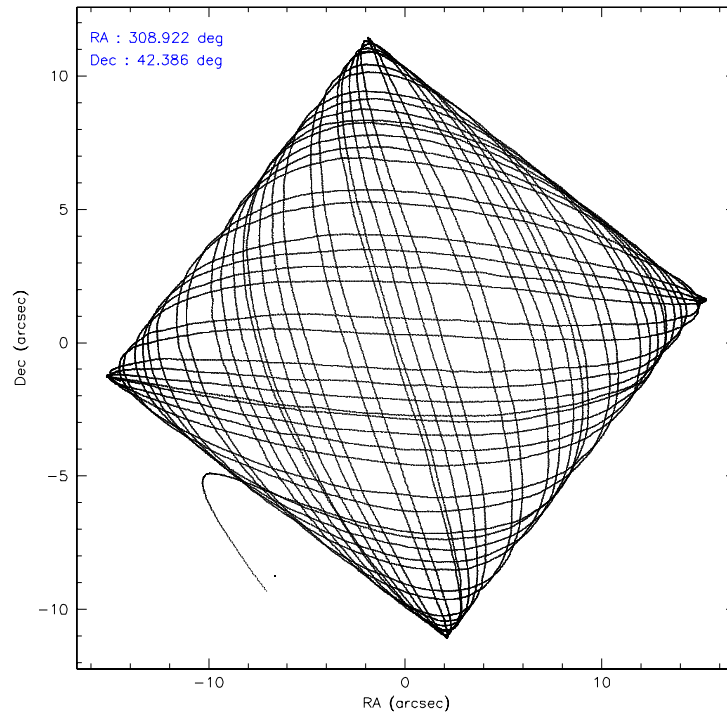
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	83870	83375	100294	89769	94977	52478
rejected events	74954	74109	90866	81104	86676	23260
rejected %	89%	88%	90%	90%	91%	44%

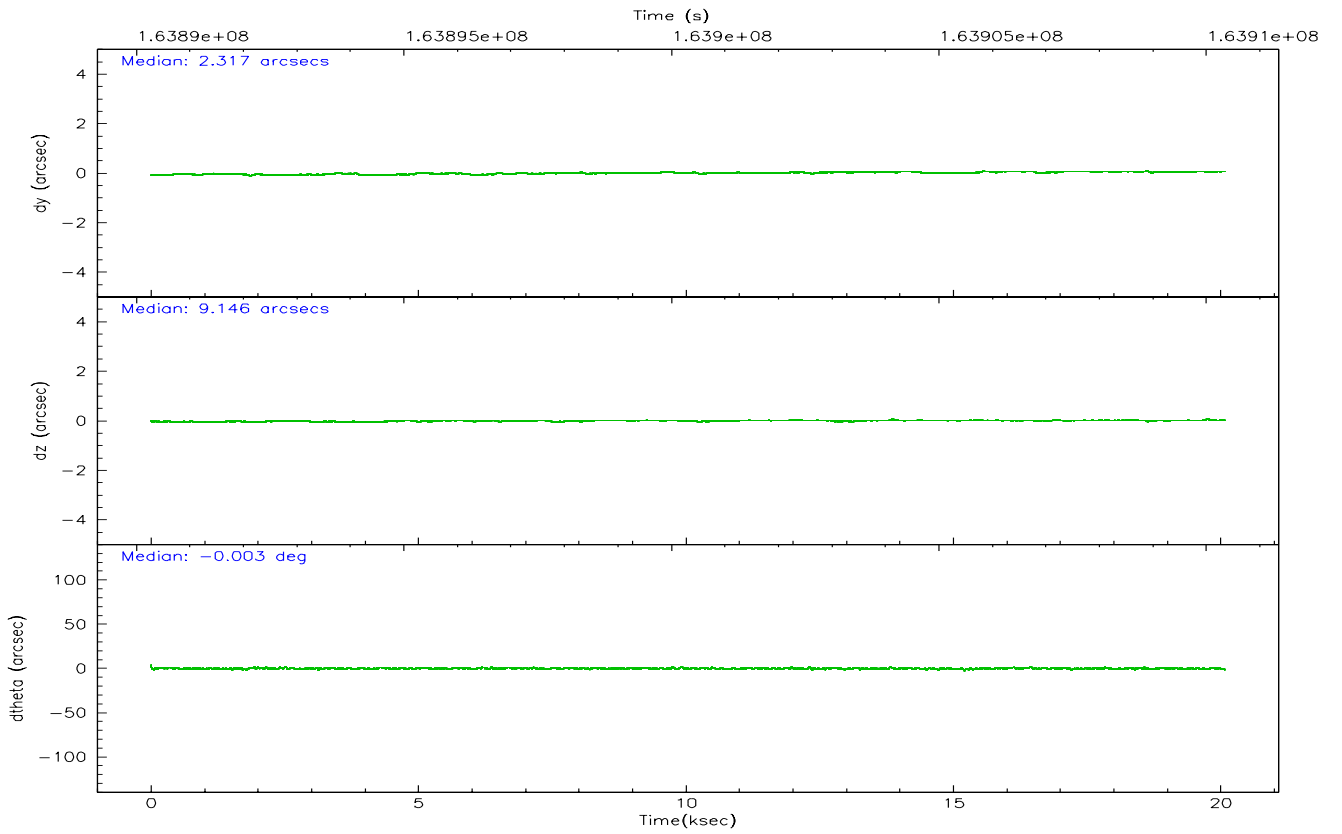
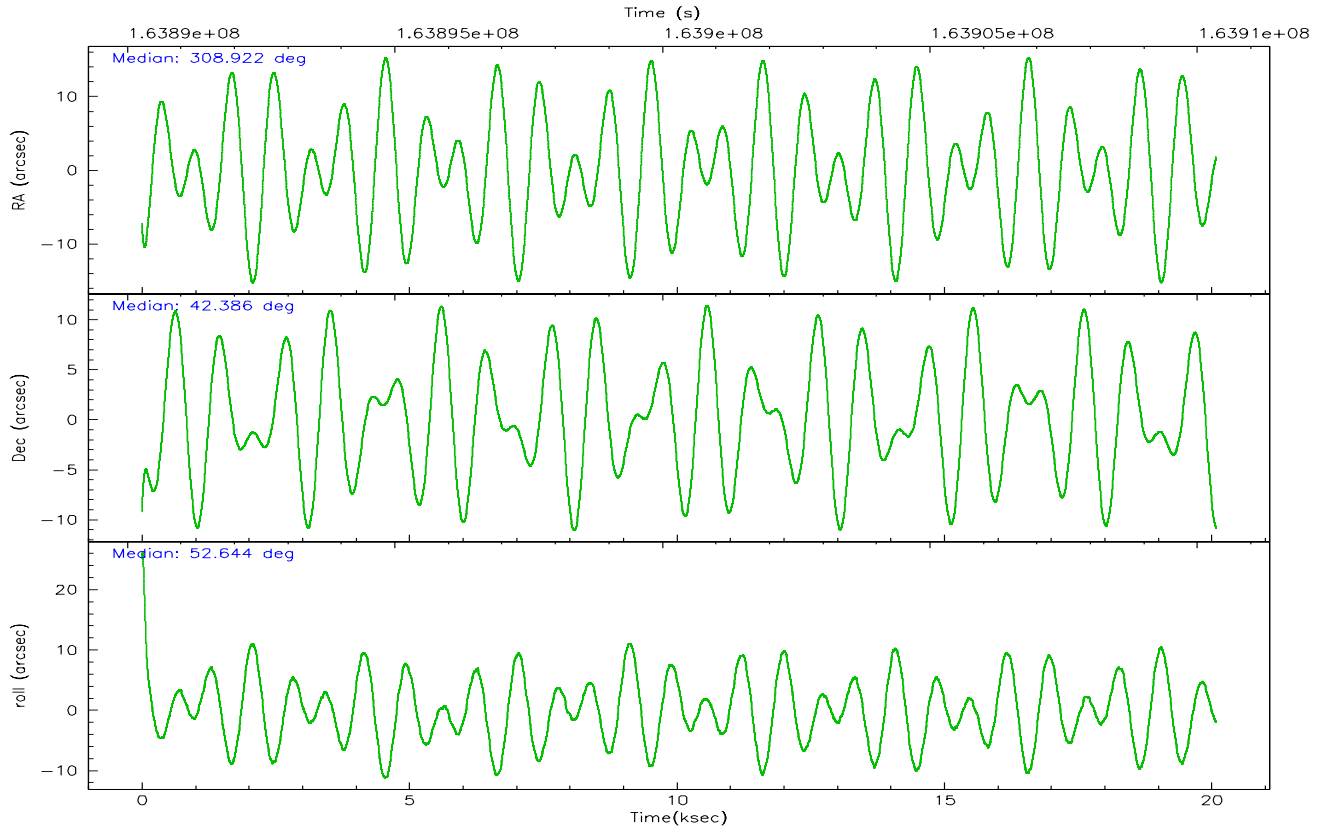
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	3820	3876	4391	4140	3321	2904
	4%	4%	4%	4%	3%	5%
grade 1 events	50	43	54	48	48	64
	0%	0%	0%	0%	0%	0%
grade 2 events	1846	1821	2024	1555	1738	8263
	2%	2%	2%	1%	1%	15%
grade 3 events	1055	1111	915	966	930	2372
	1%	1%	0%	1%	0%	4%
grade 4 events	956	1042	938	861	959	2291
	1%	1%	0%	0%	1%	4%
grade 5 events	1606	1655	1444	1722	1931	4437
	1%	1%	1%	1%	2%	8%
grade 6 events	1241	1416	1168	1148	1354	13390
	1%	1%	1%	1%	1%	25%
grade 7 events	73296	72411	89360	79329	84696	18757
	87%	86%	89%	88%	89%	35%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	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	308.917532	308.9221092148972	Alternating exposures requested	N	N
Pointing Dec	42.358466	42.38560773052931	Primary exposure time	0.000000	3.2
Pointing Roll	52.441948	52.64755994990936			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	163890551.184000	163889527.97418			
Observation start date	2003-03-12T21:08:07	2003-03-12T20:52:07			
Observation end time	163910351.184000	163910589.16257			
Observation end date	2003-03-13T02:38:07	2003-03-13T02:43:09			
Read mode	TIMED	TIMED			

2.3 Aspect



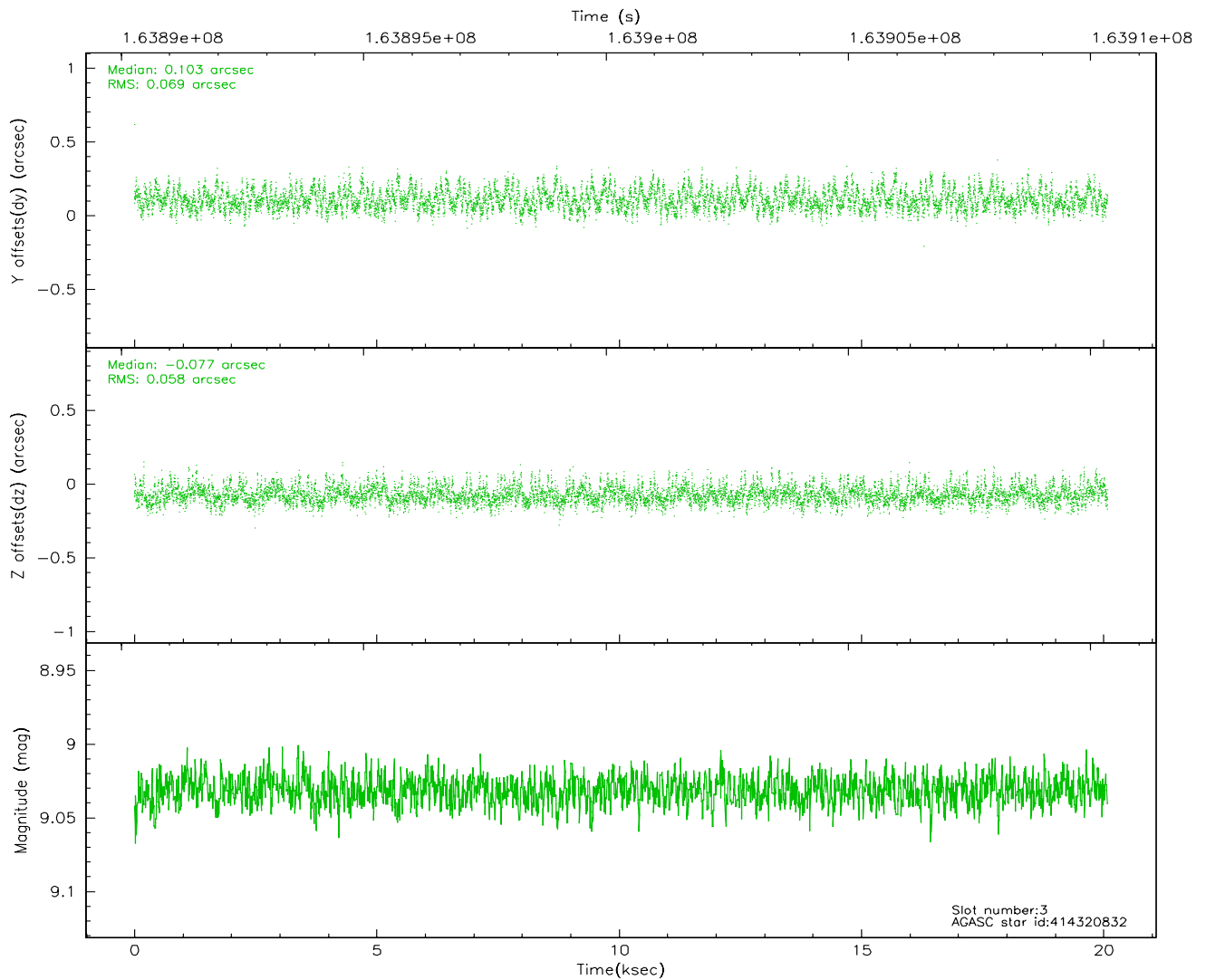
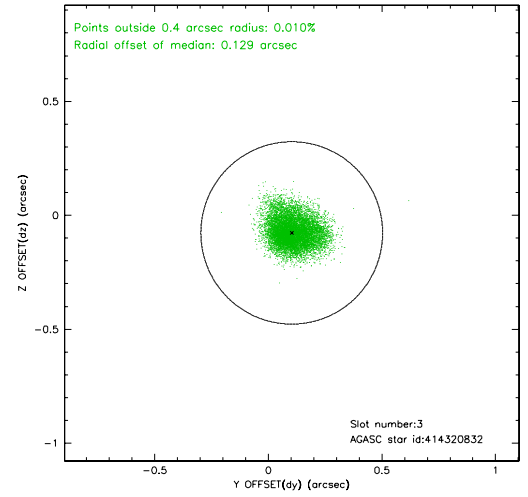
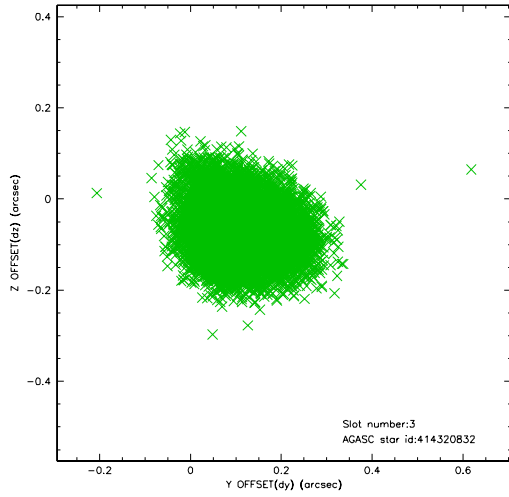


Slot Statistics

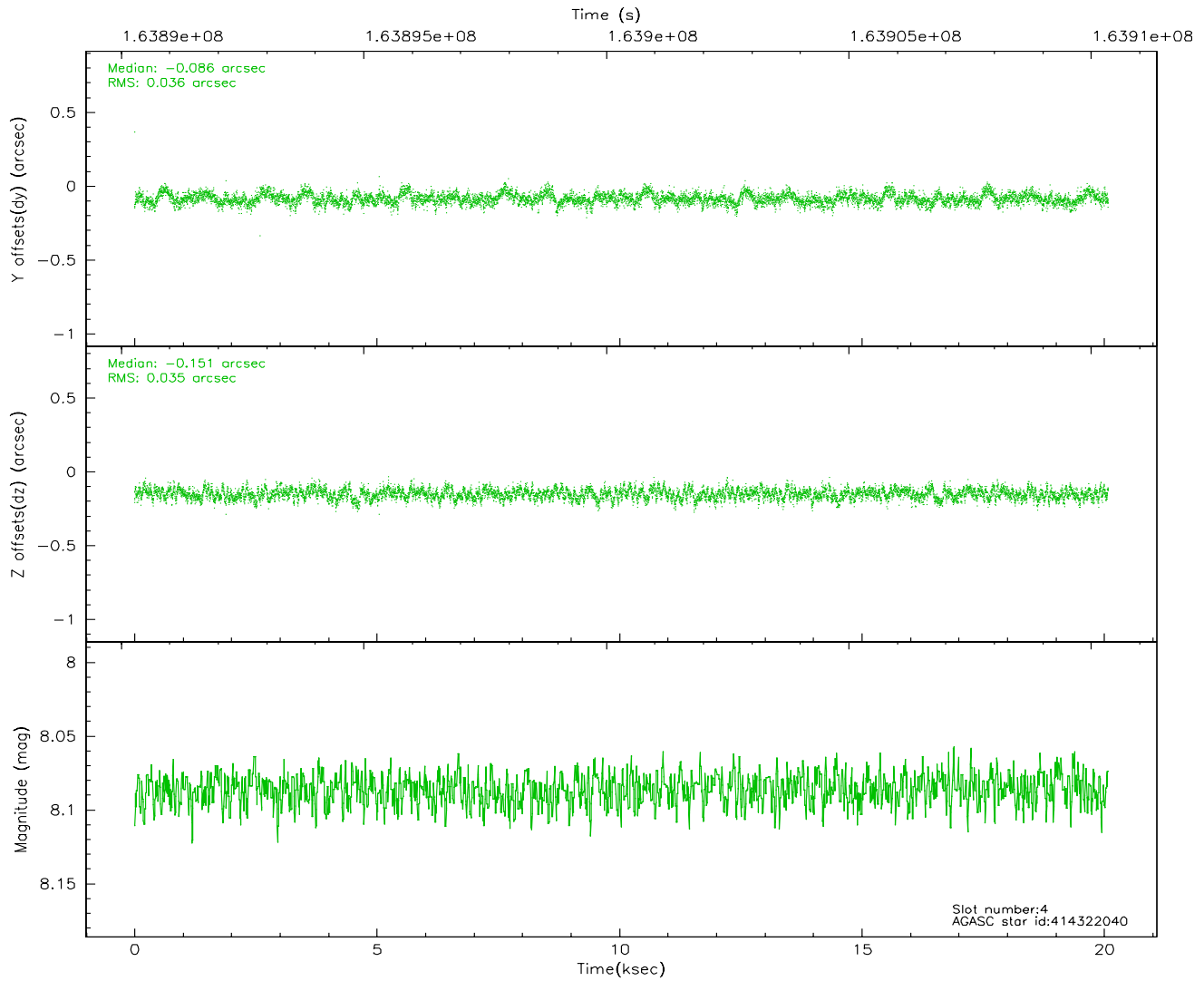
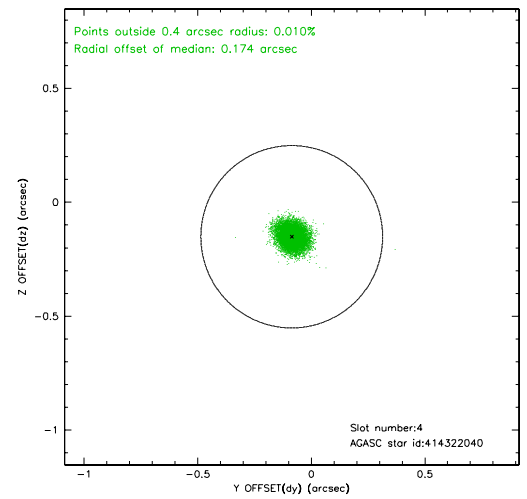
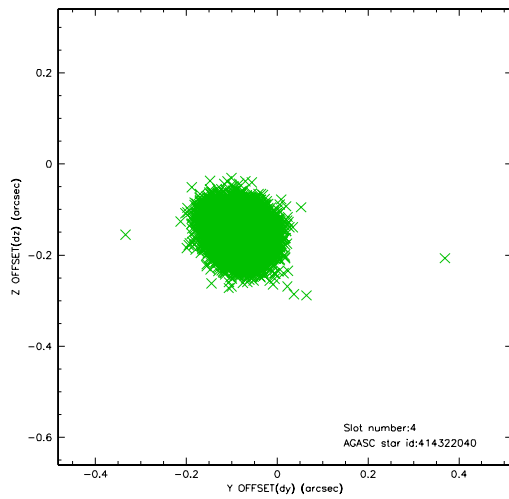
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	4889	-0.027	-0.017	0.010	0.017	0.000000	0.000000	-756.70	-838.98
1	FID	ACIS-I-4	7.19	4885	0.002	0.029	0.006	0.010	0.000000	0.000000	2157.28	1067.17
2	FID	ACIS-I-5	7.23	4894	-0.075	0.057	0.010	0.016	0.000000	0.000000	-1810.35	1065.22
3	GUIDE	414320832	9.03	9786	0.103	-0.077	0.096	0.154	307.889863	42.203912	-2098.37	1843.57
4	GUIDE	414322040	8.09	9790	-0.086	-0.151	0.053	0.085	309.251919	42.770338	1715.28	204.78
5	GUIDE	414324952	9.04	9783	0.114	-0.004	0.103	0.160	307.998954	42.060645	-2335.68	1301.02
6	GUIDE	414319880	7.22	9791	-0.141	0.178	0.056	0.086	309.495433	42.845641	2324.62	-136.12
7	GUIDE	414322712	8.43	9789	0.002	0.053	0.073	0.112	309.545536	42.173880	499.92	-1729.16

2.4 Star Slots

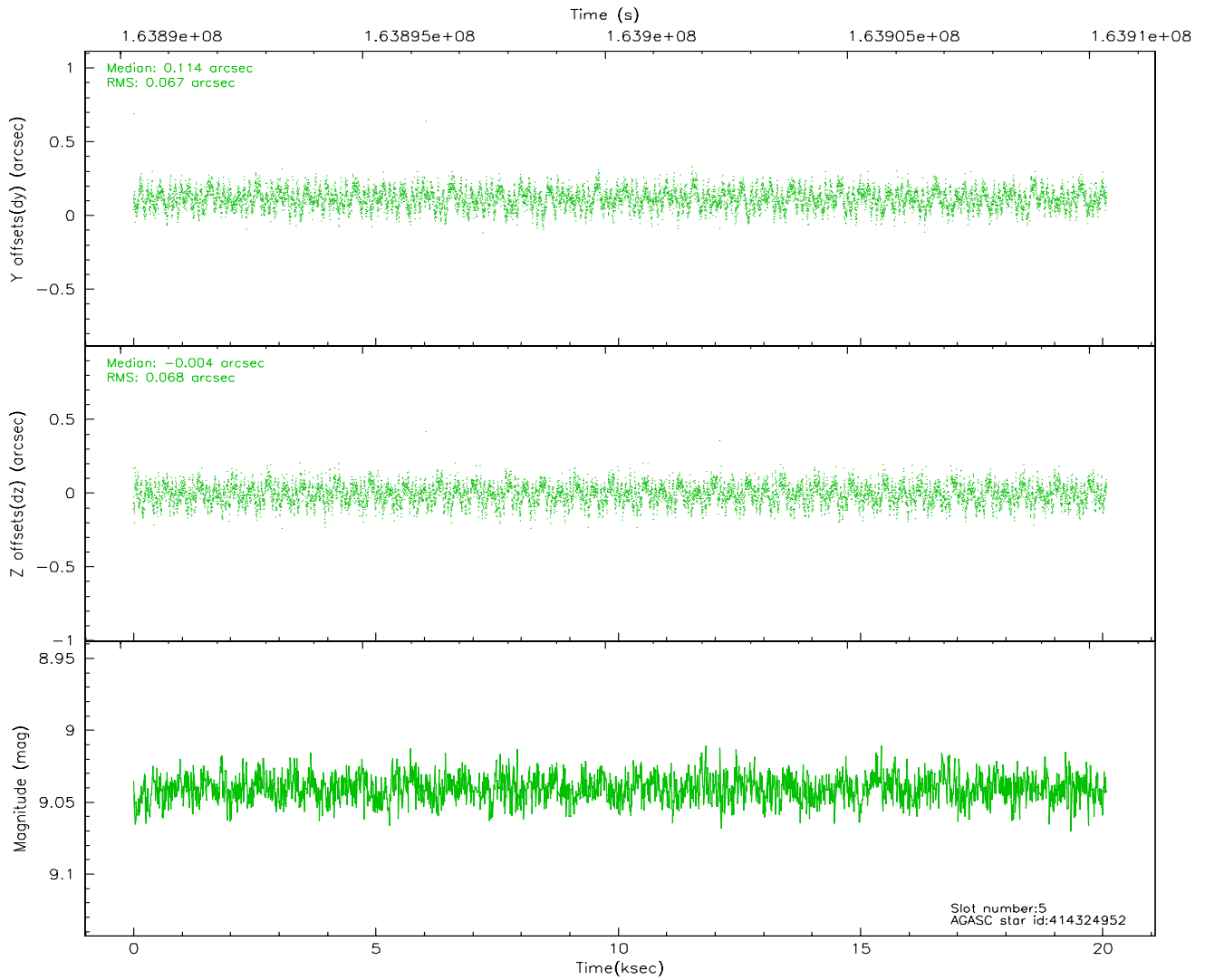
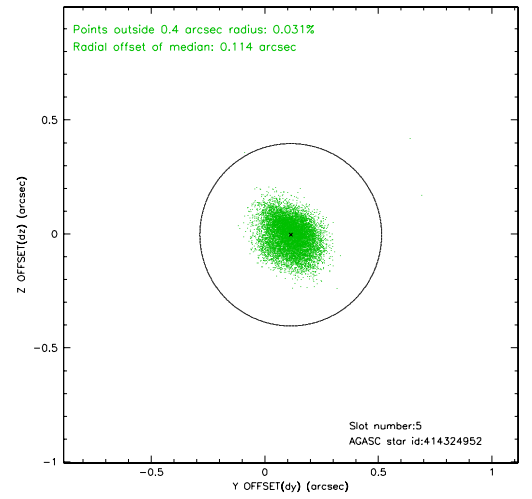
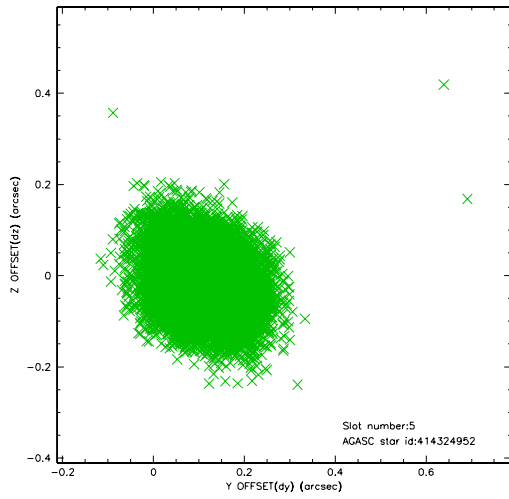
2.4.1 Slot 3



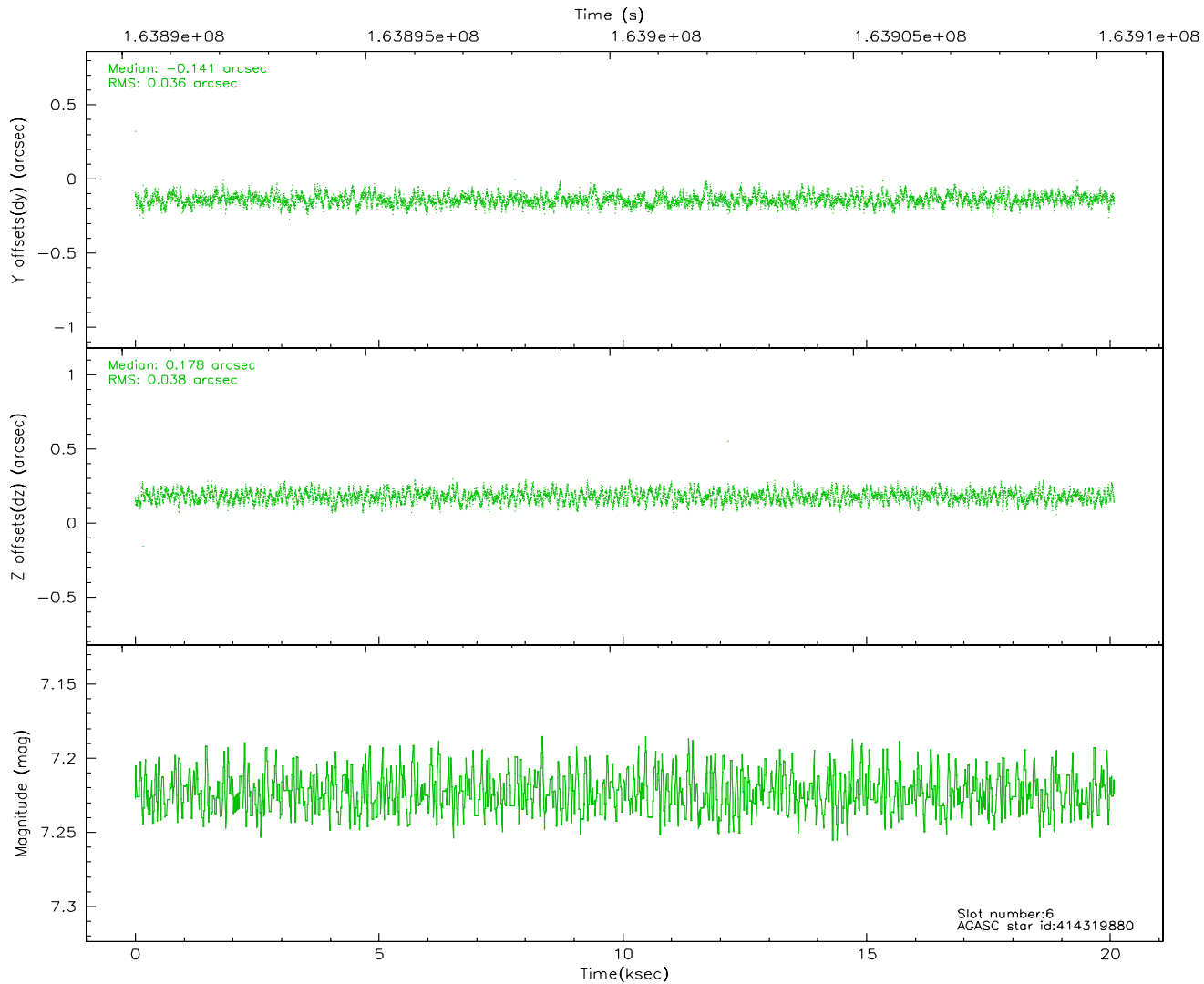
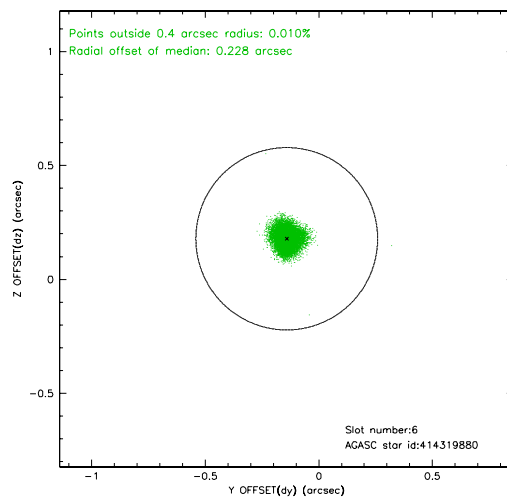
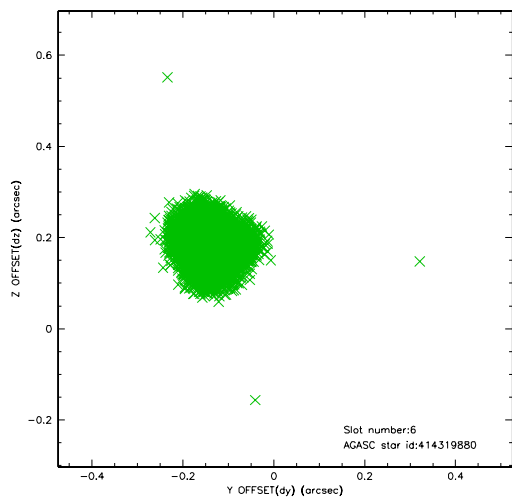
2.4.2 Slot 4



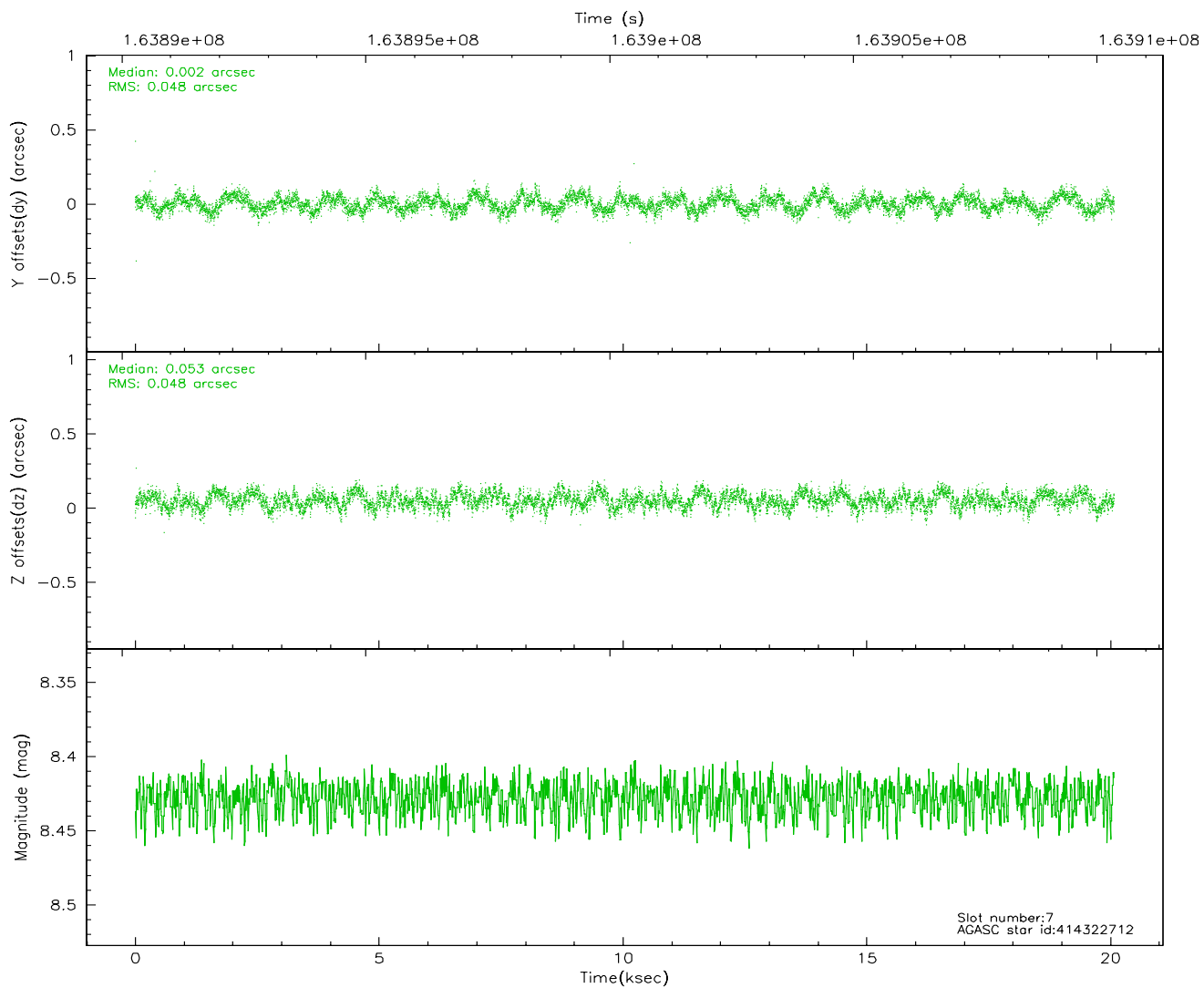
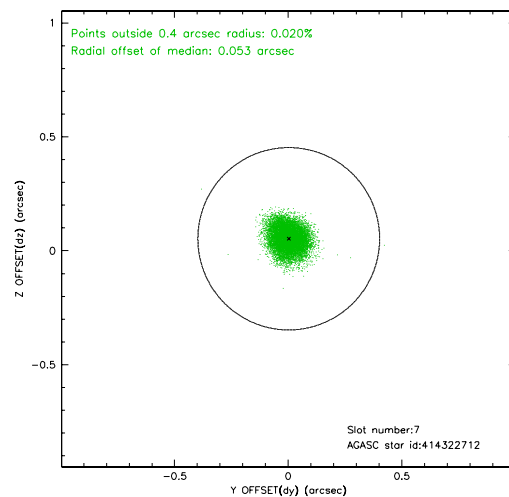
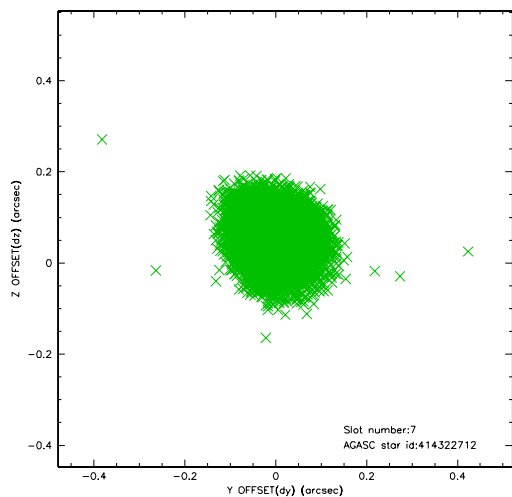
2.4.3 Slot 5



2.4.4 Slot 6

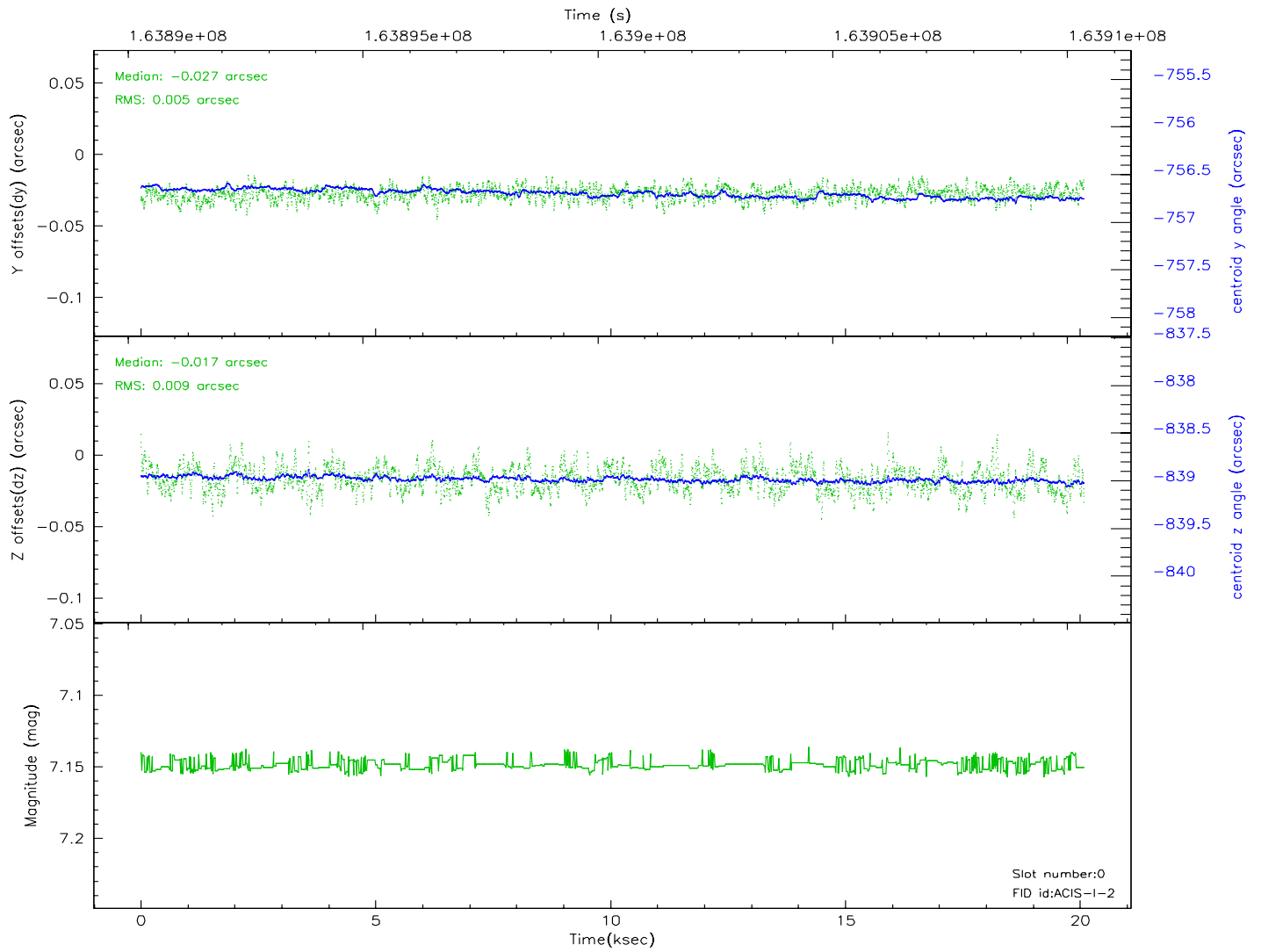
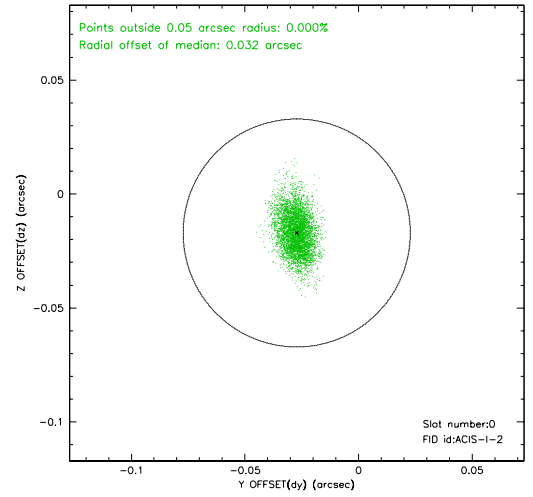
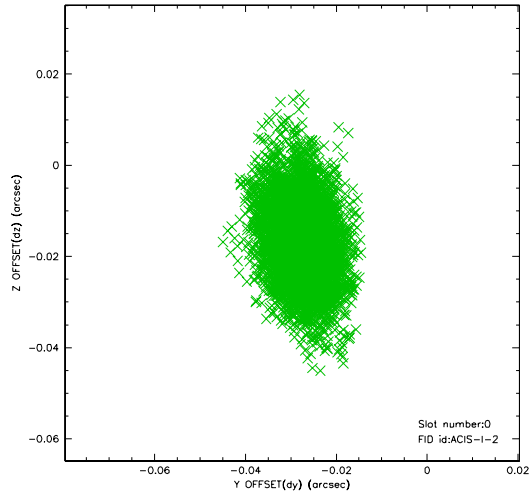


2.4.5 Slot 7

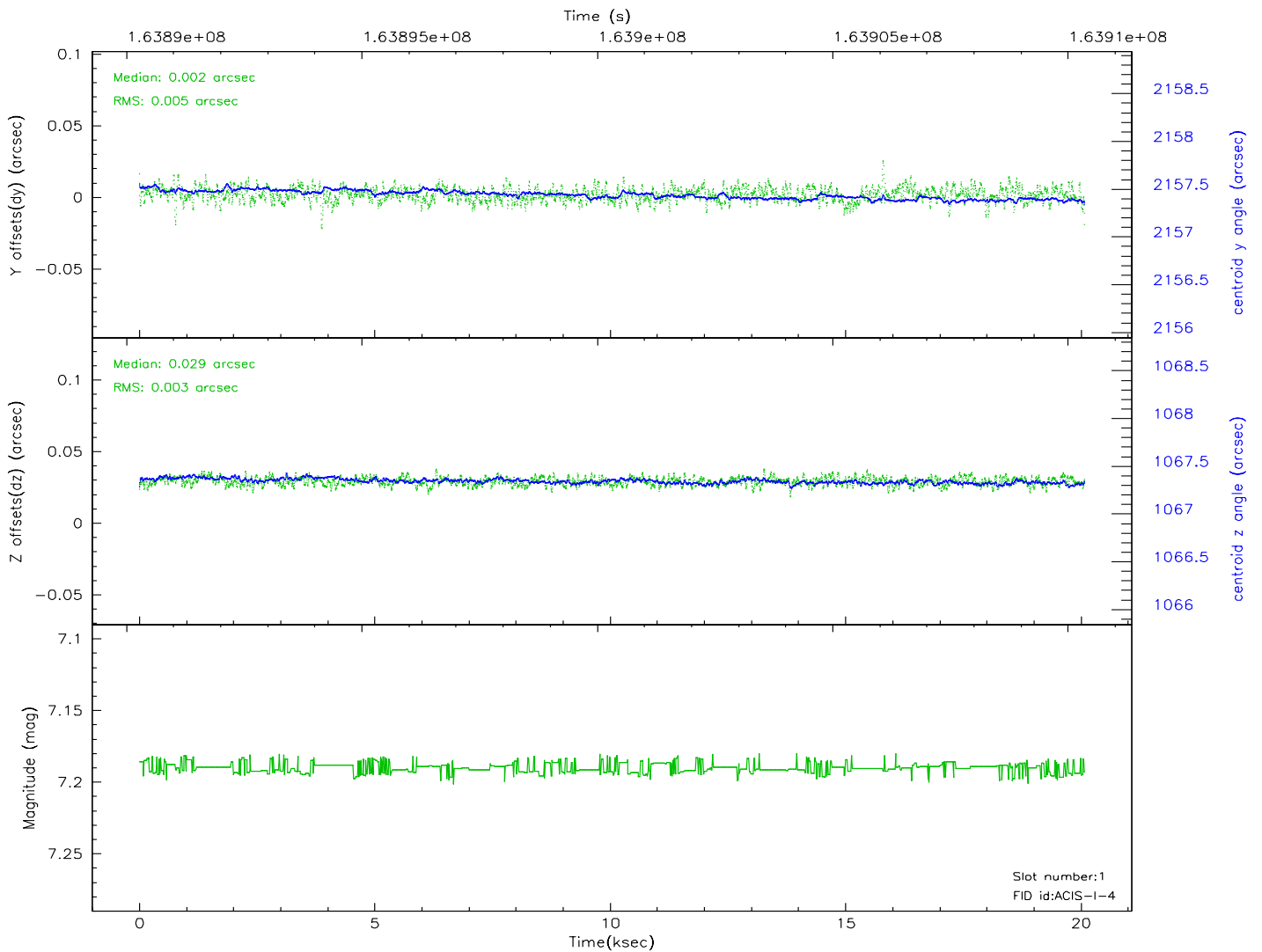
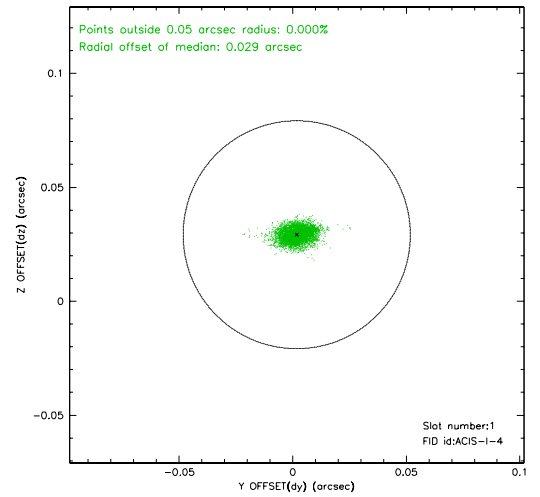
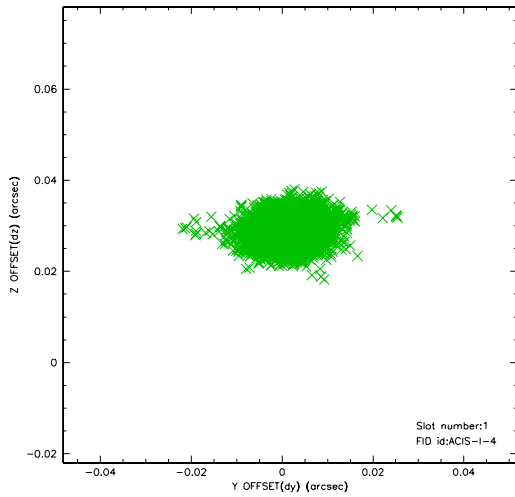


2.5 FID Slots

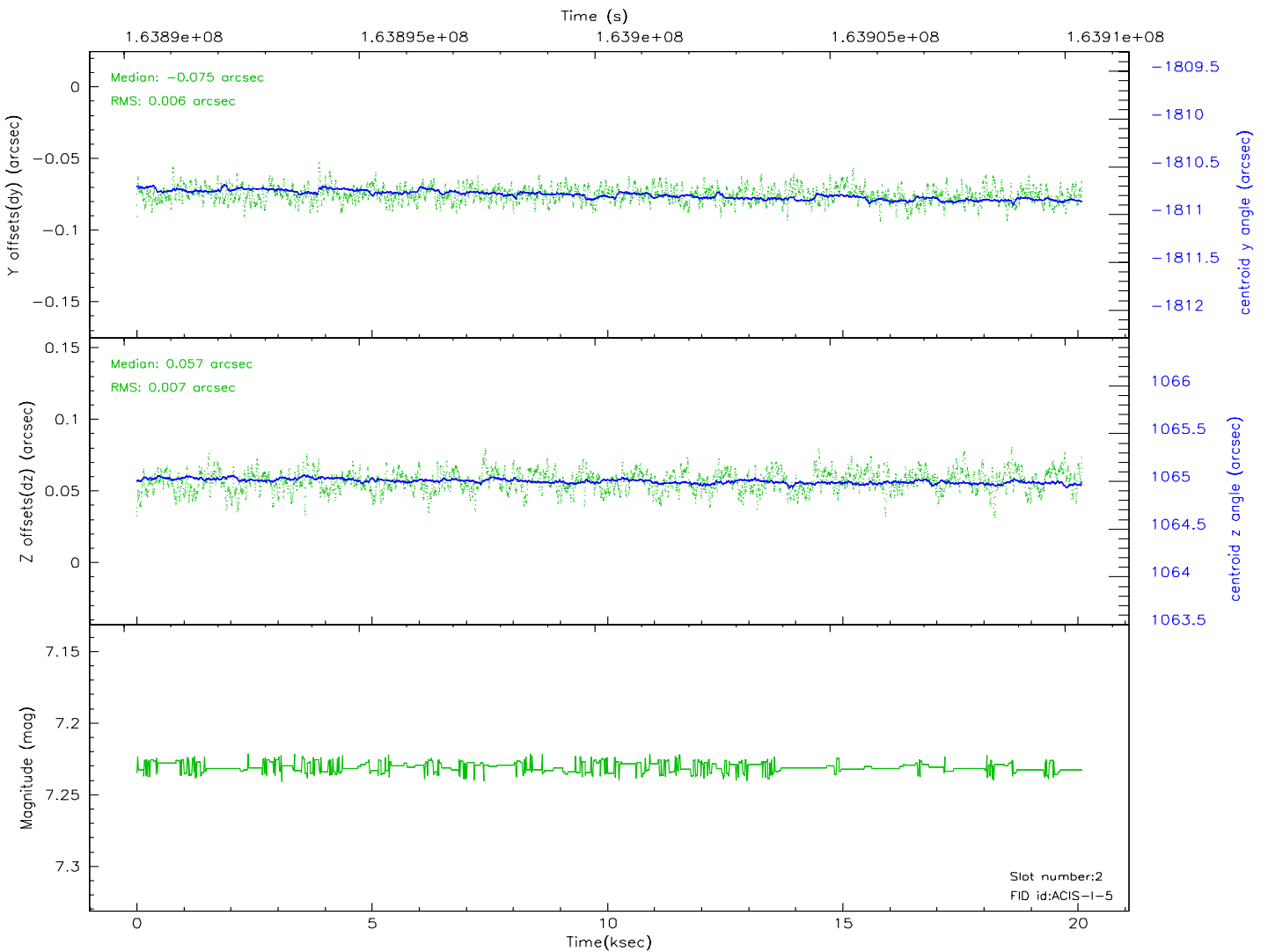
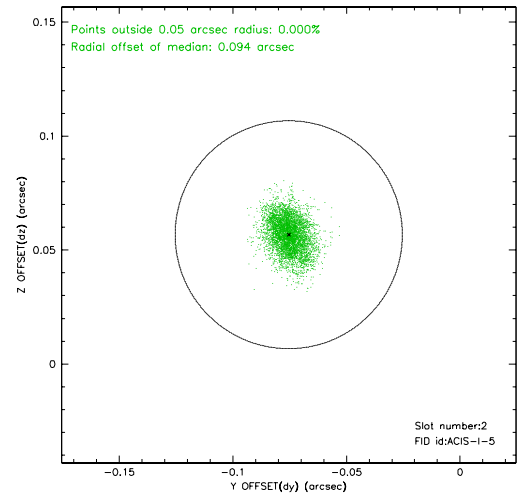
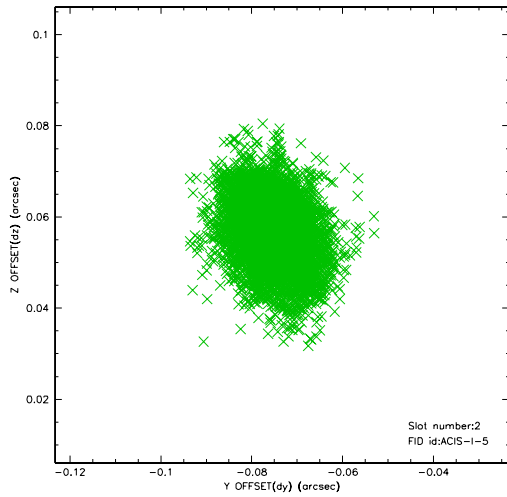
2.5.1 Slot 0



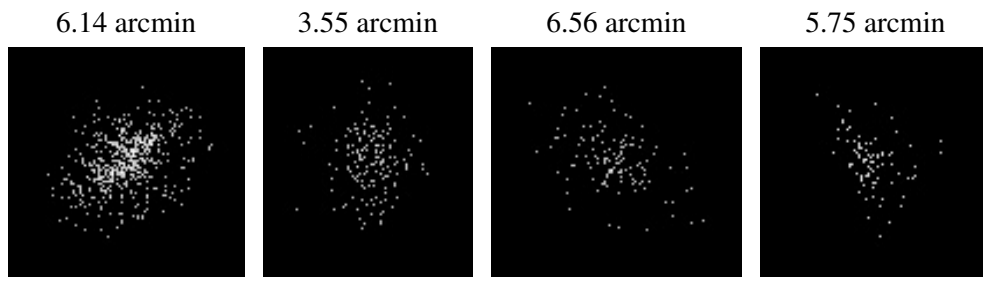
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.737

A.2 Comments