

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5735 - L2 Version 002
Chandra X-Ray Center

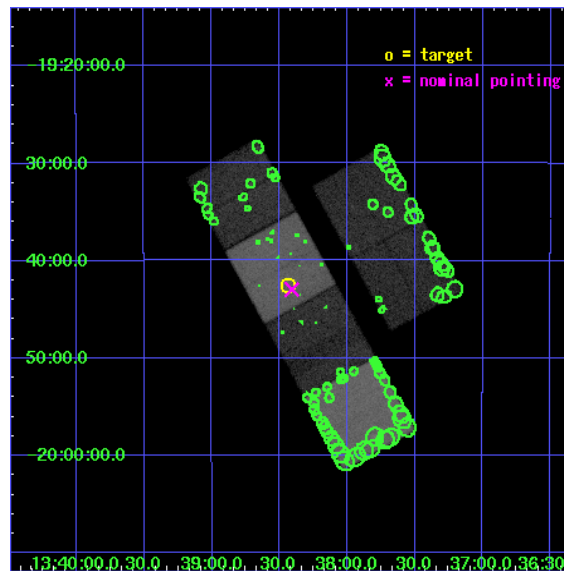
L2 Processing Date : Mar 20 2006

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

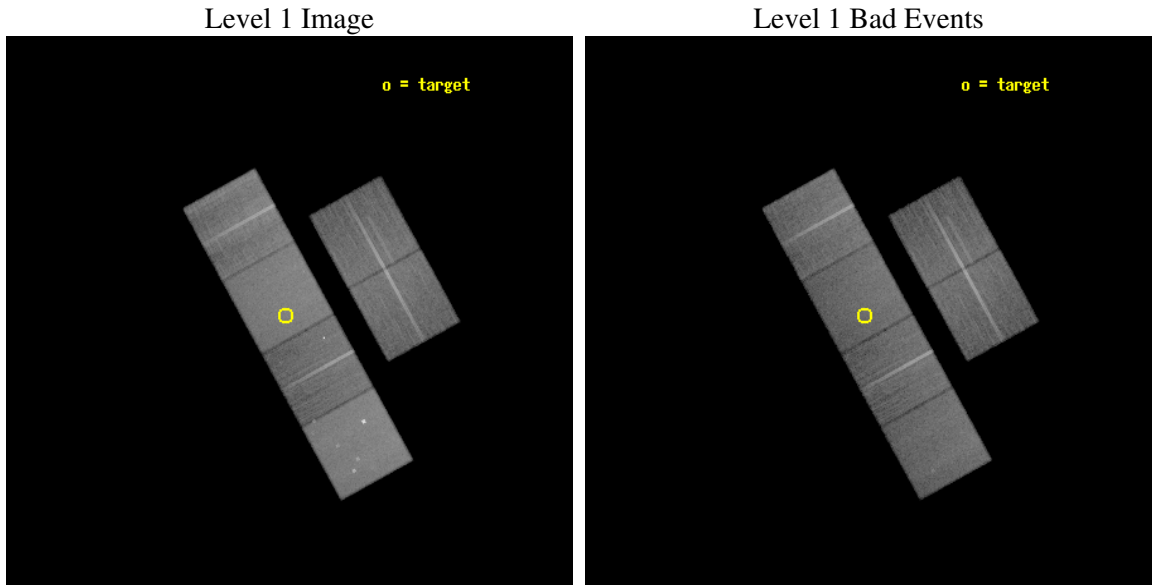
seq_num	701157
obs_id	5735
title	The evolution of AGN: Chandra Imaging of protoclusters associated with high redshift radio galaxies
observer	Dr Laura Pentericci
object	tnj1338-194
dtcycle	0
cycle	P
ra_targ	204.60875
dec_targ	-19.708639
ra_nom	204.60230302487
dec_nom	-19.716151088211
roll_nom	241.15444709862
revision	2
ontime	31180.799883842
livetime	30785.96982089
ontime2	31180.799883842
ontime3	31180.799883842
ontime5	31180.799883842
ontime6	31180.799883842
ontime7	31180.799883842
ontime8	31180.799883842
l2events	401633



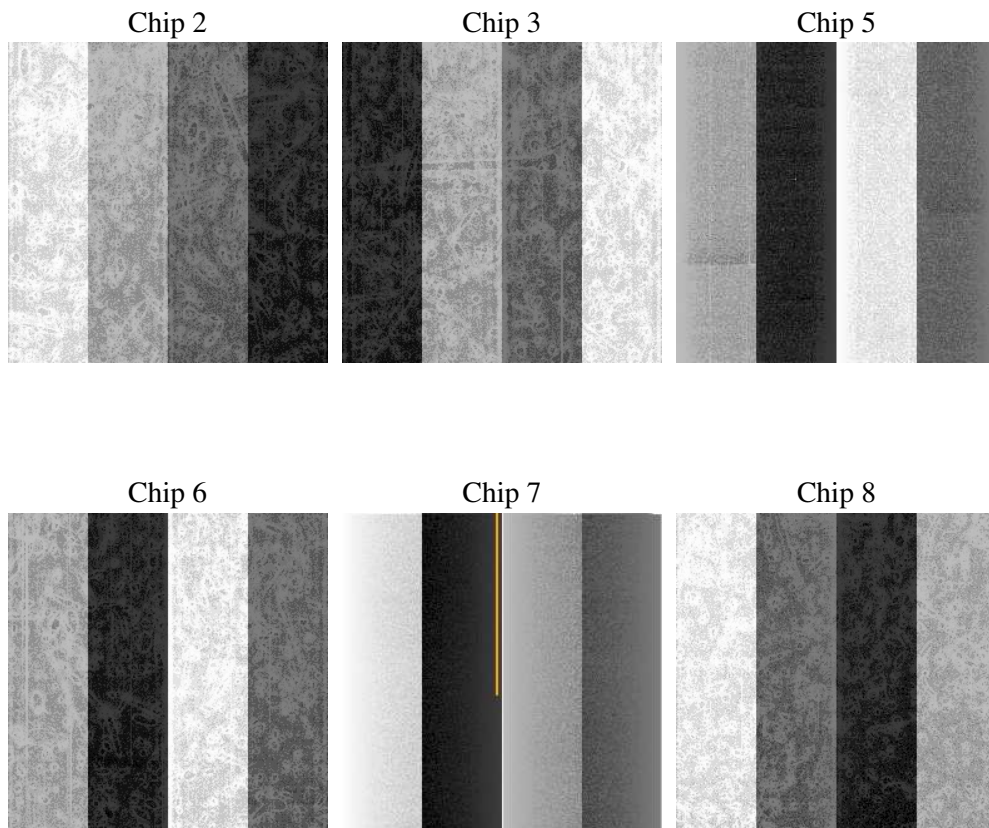
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-03-20T18:17:42
revision	2

sched_exp_time	31003.027000
ontime	31453.912333757
ontime2	31453.912313849
ontime3	31453.912313849
ontime5	31453.912333757
ontime6	31453.912313849
ontime7	31453.912333757
ontime8	31453.912333757
l1events	1717409

2.1.4 Events

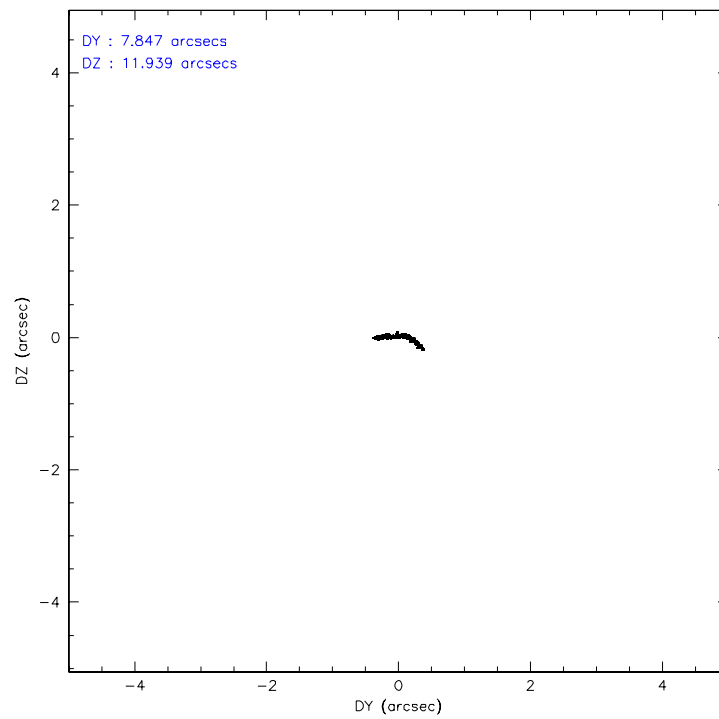
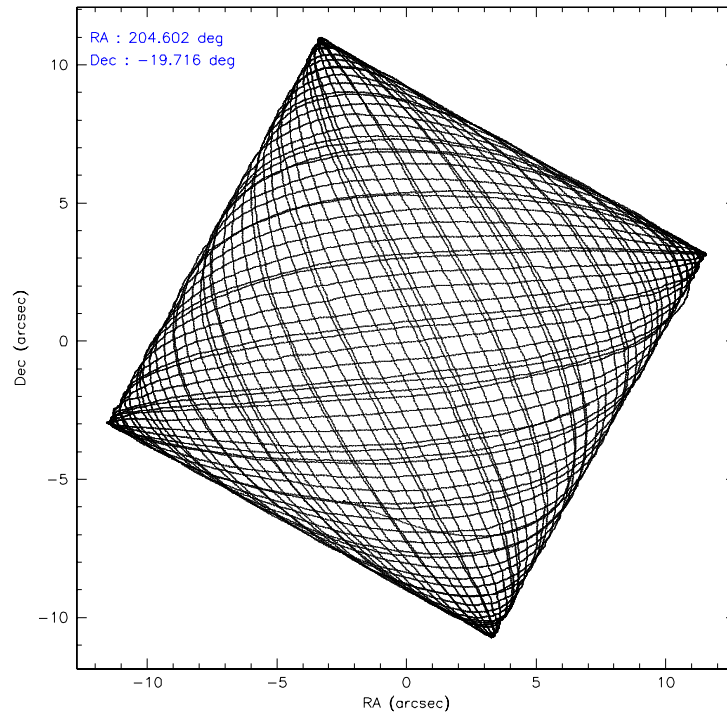
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	239538	231299	367180	239981	332759	306652
rejected events	207810	200200	200237	205282	202492	235476
rejected %	86%	86%	54%	85%	60%	76%

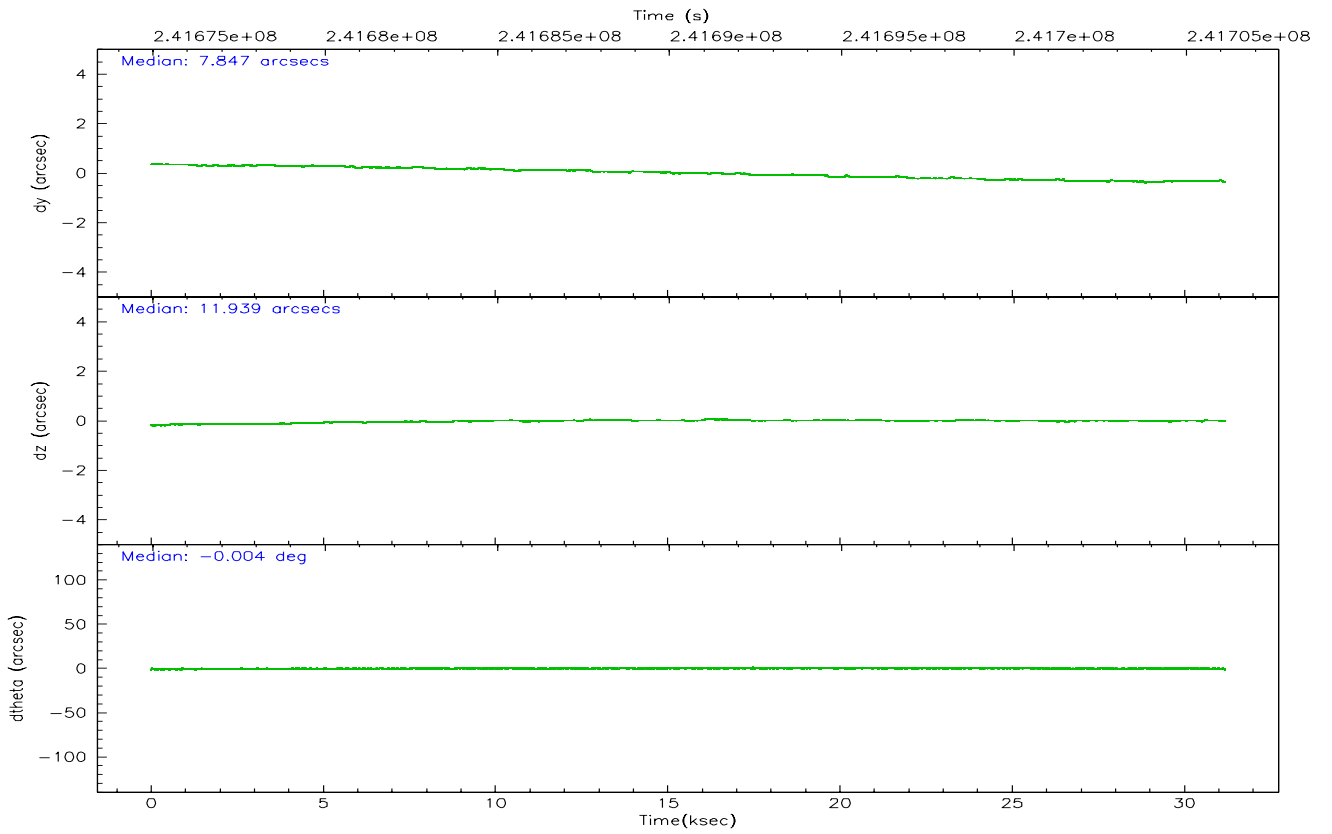
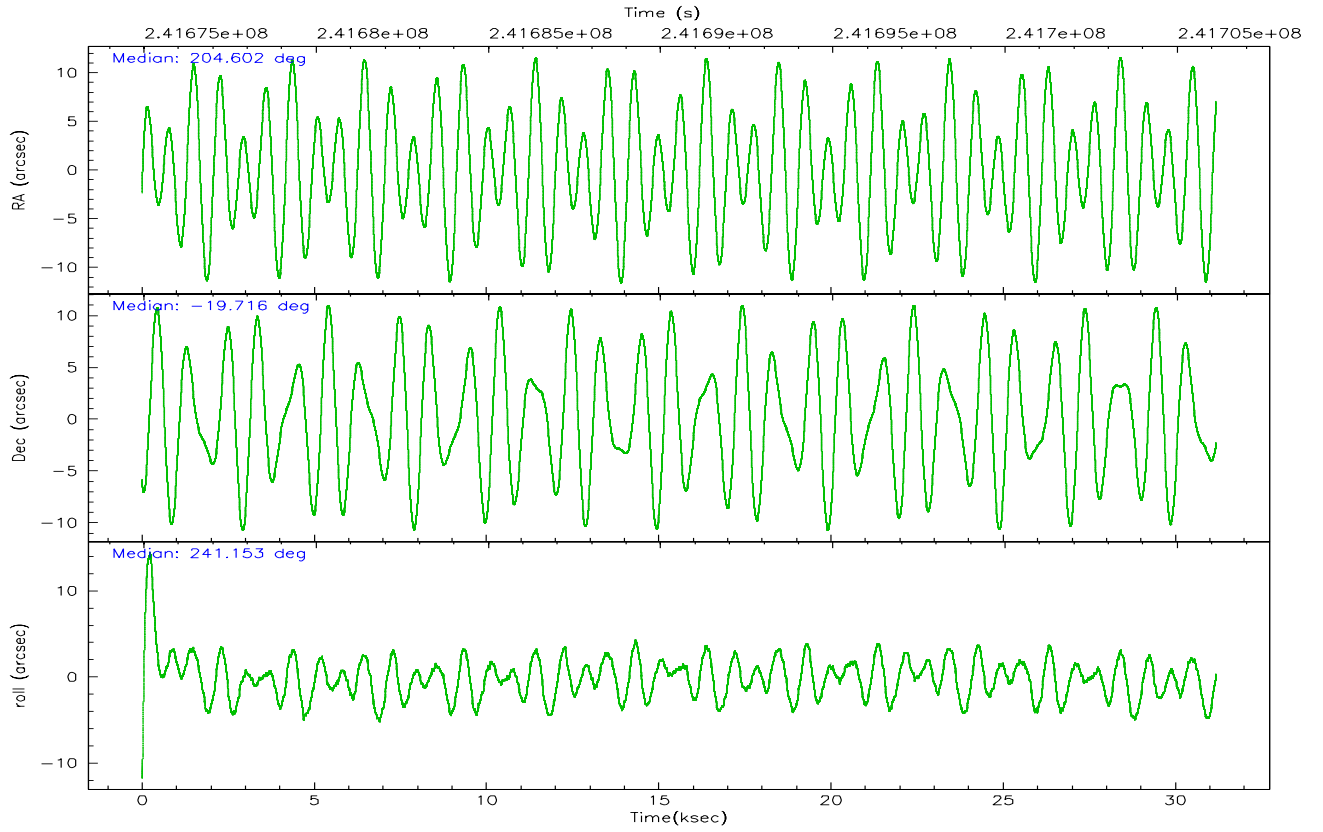
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	15434	14845	15322	16516	7672	24134
	6%	6%	4%	6%	2%	7%
grade 1 events	170	141	304	172	207	227
	0%	0%	0%	0%	0%	0%
grade 2 events	6211	5686	51862	6707	32020	15457
	2%	2%	14%	2%	9%	5%
grade 3 events	2778	2796	4088	2943	6290	7318
	1%	1%	1%	1%	1%	2%
grade 4 events	2726	2946	3652	2796	6055	6680
	1%	1%	0%	1%	1%	2%
grade 5 events	9371	10713	16971	11130	20455	14475
	3%	4%	4%	4%	6%	4%
grade 6 events	4838	5060	93490	6003	79247	18102
	2%	2%	25%	2%	23%	5%
grade 7 events	198010	189112	181491	193714	180813	220259
	82%	81%	49%	80%	54%	71%

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	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	204.601322	204.6023030248737	Alternating exposures requested	N	N
Pointing Dec	-19.688941	-19.71615108821143	Primary exposure time	0.000000	3.2
Pointing Roll	240.997497	241.1544470986198			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.145094680475			
SIM translation stage offset (mm)	0	0.01257209746719923			
Observation start time	241675126.184000	241673920.63106			
Observation start date	2005-08-29T03:57:42	2005-08-29T03:38:40			
Observation end time	241706129.184000	241706352.14505			
Observation end date	2005-08-29T12:34:25	2005-08-29T12:39:12			
Read mode	TIMED	TIMED			

2.3 Aspect



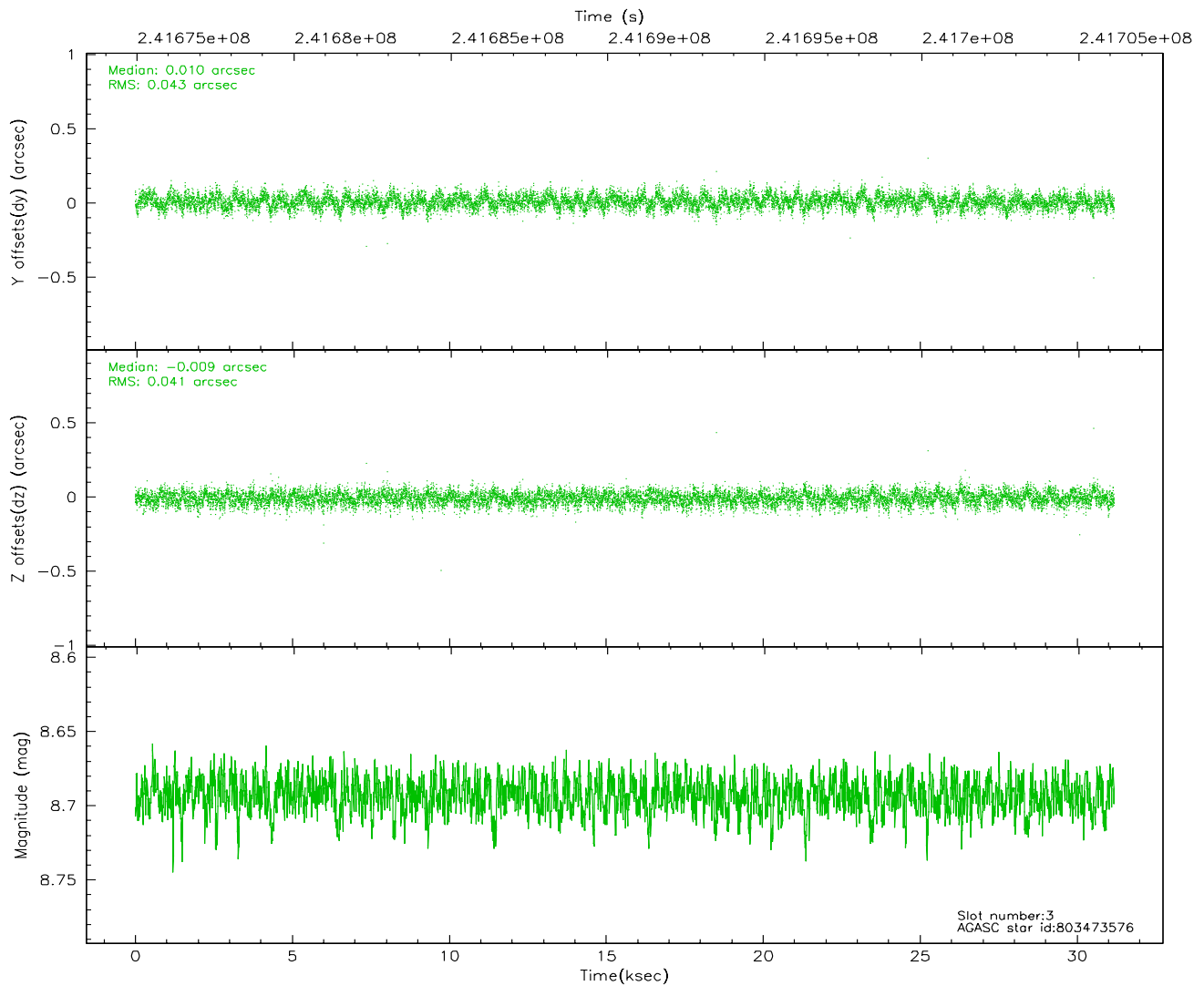
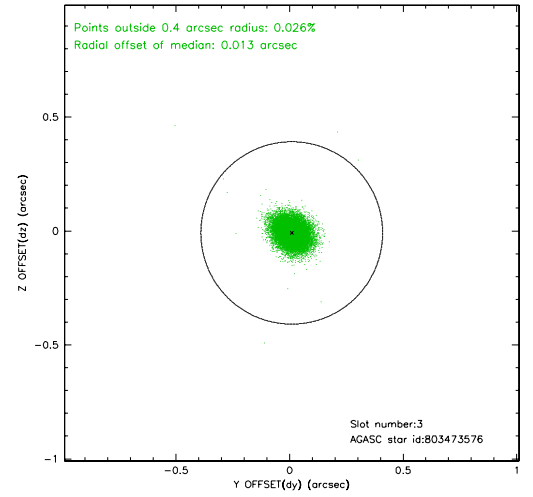
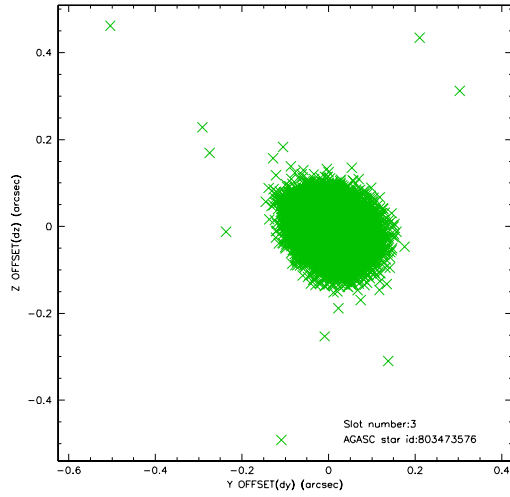


Slot Statistics

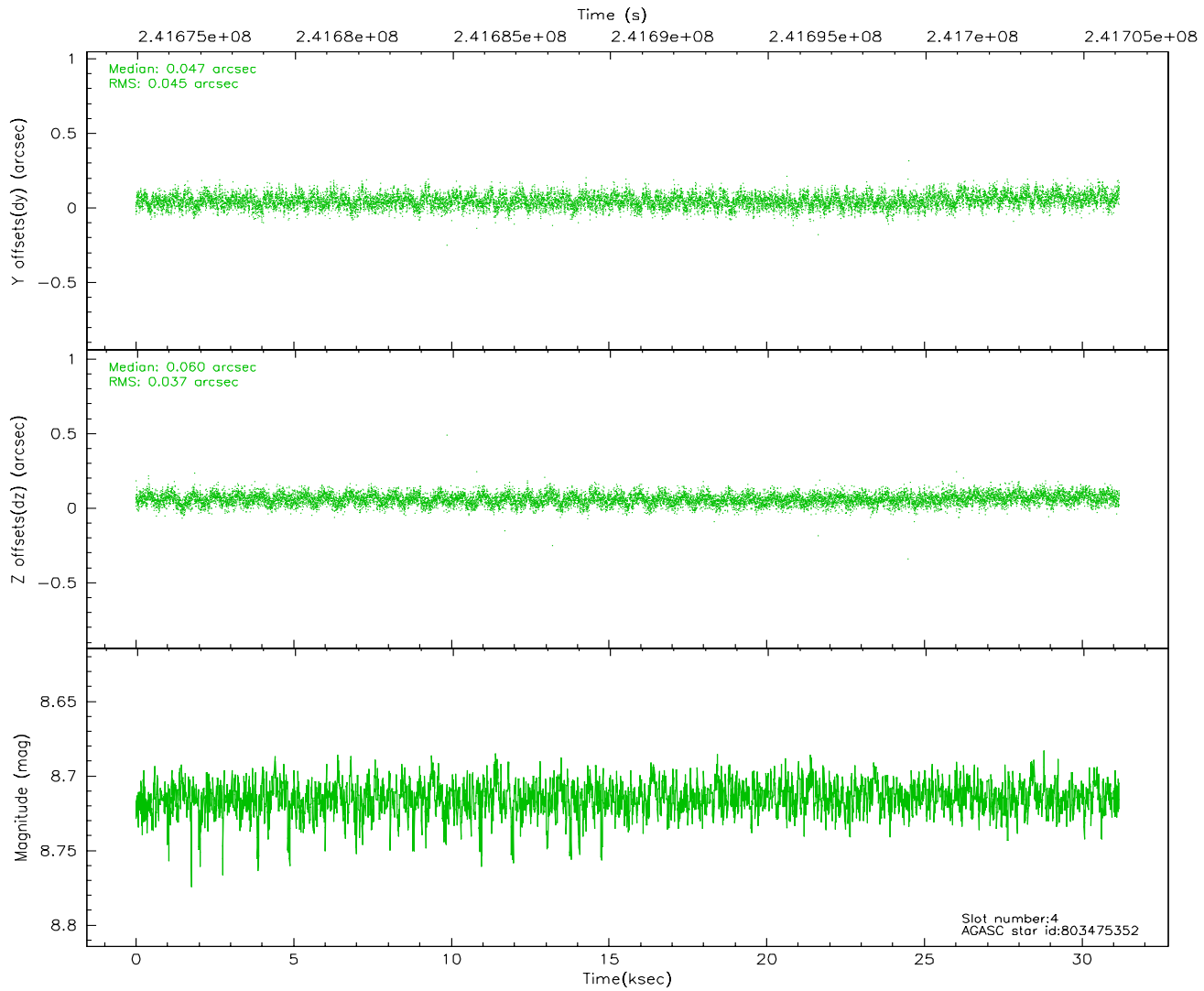
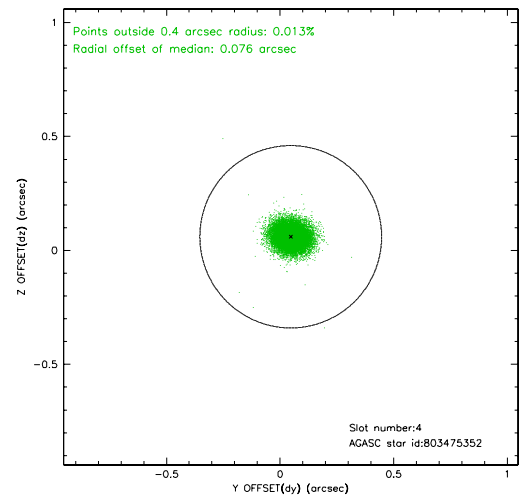
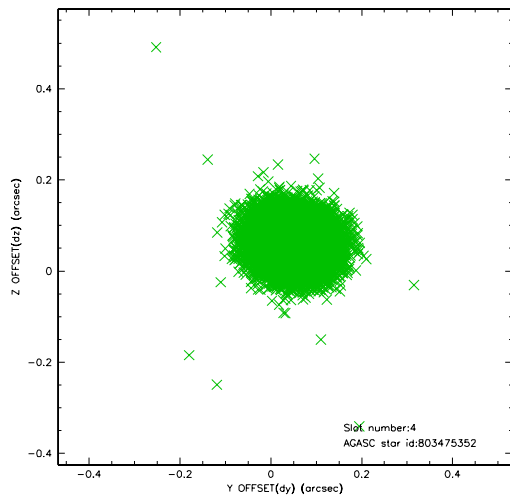
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	7607	-0.001	0.008	0.009	0.021	0.000000	0.000000	-760.62	-1733.11
1	FID	ACIS-S-4	7.20	7606	0.037	-0.002	0.011	0.019	0.000000	0.000000	2152.66	175.31
2	FID	ACIS-S-5	7.23	7608	-0.065	0.002	0.011	0.017	0.000000	0.000000	-1813.45	169.04
3	GUIDE	803473576	8.69	15210	0.010	-0.009	0.063	0.102	204.786653	-19.629287	-491.86	445.61
4	GUIDE	803475352	8.71	15213	0.047	0.060	0.062	0.100	204.581068	-20.424462	2349.18	1224.38
5	GUIDE	803478152	9.27	15205	0.068	-0.028	0.095	0.148	204.365662	-19.814132	782.08	-479.08
6	GUIDE	803479488	8.80	15207	-0.138	-0.048	0.073	0.116	204.540045	-19.188743	-1473.60	-1055.36
7	GUIDE	803476576	8.70	15212	0.014	0.025	0.066	0.107	204.800868	-19.708520	-265.74	625.70

2.4 Star Slots

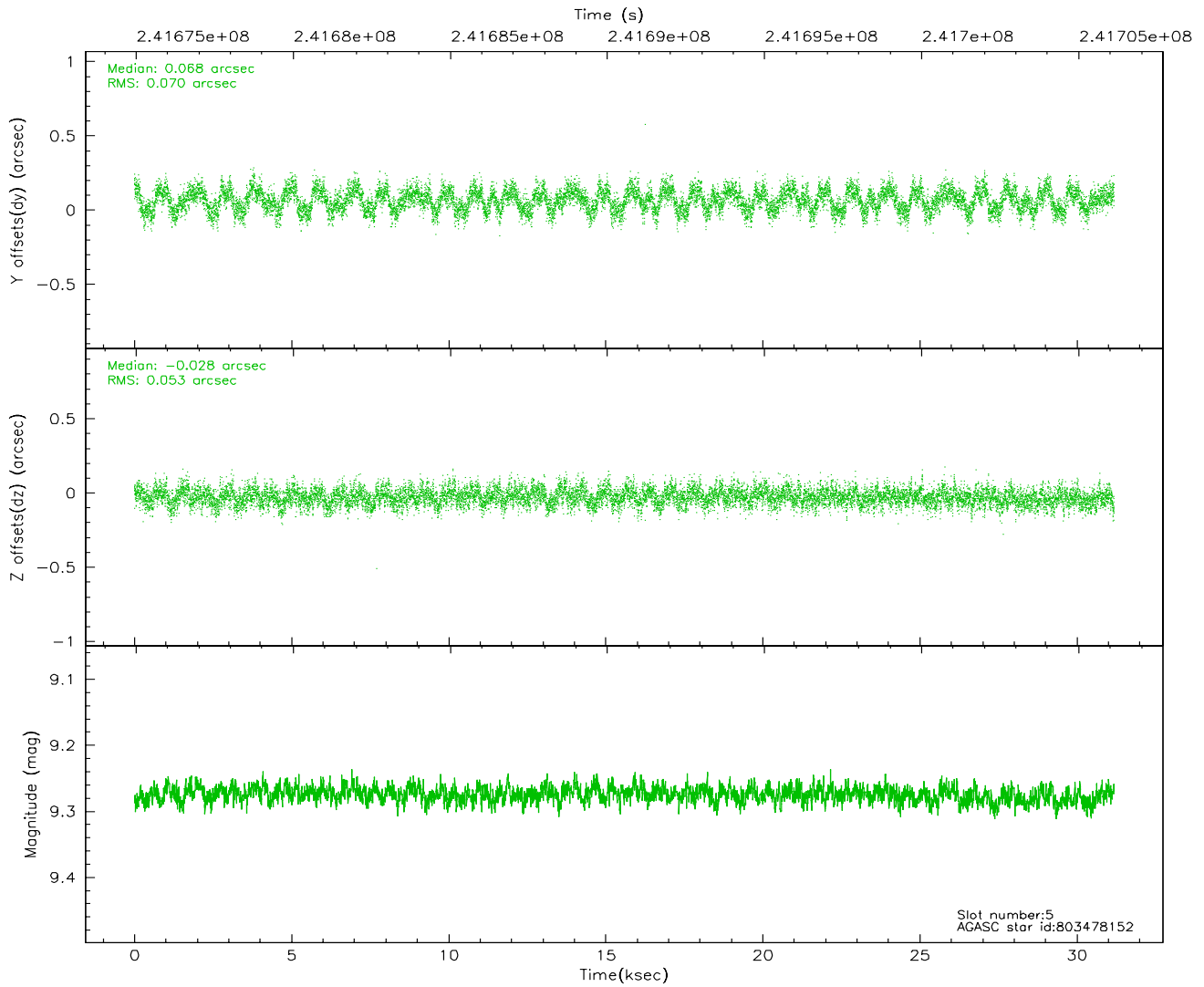
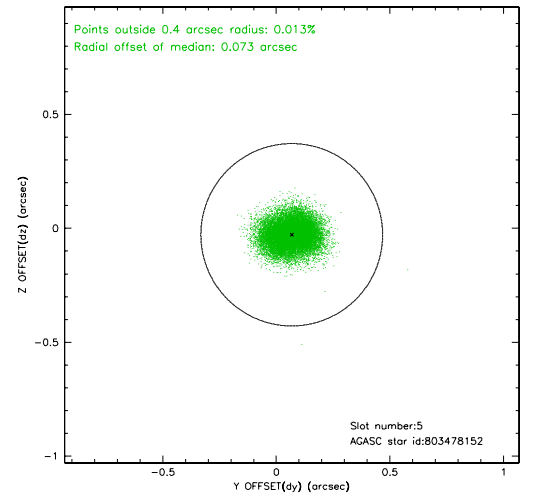
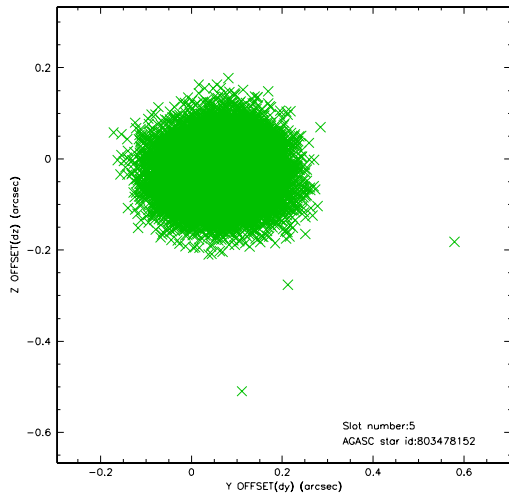
2.4.1 Slot 3



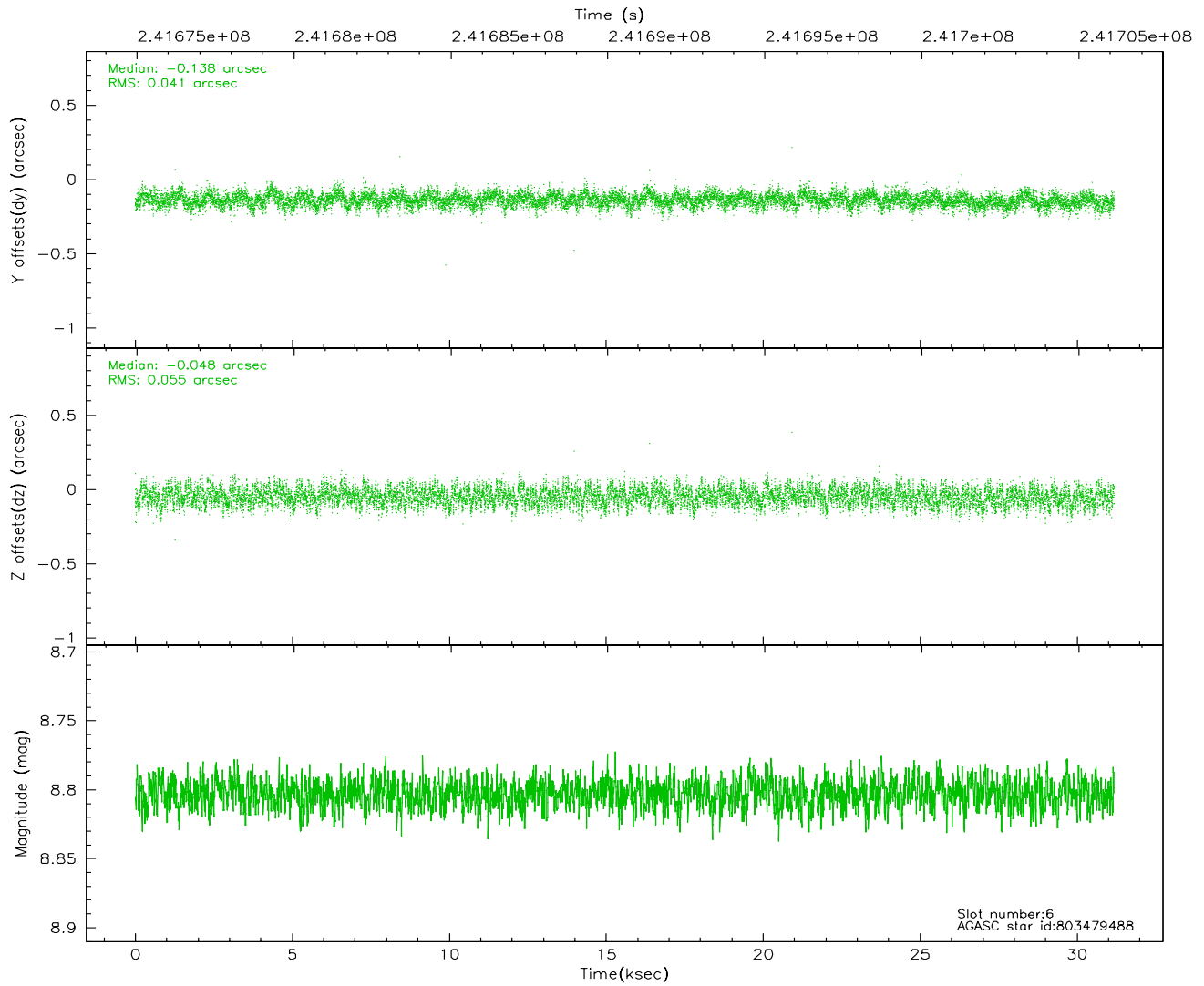
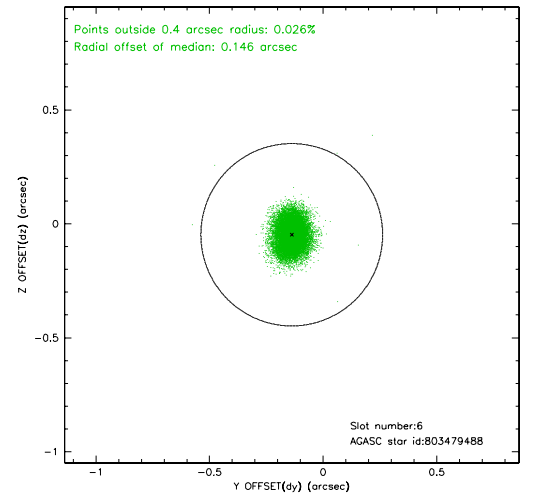
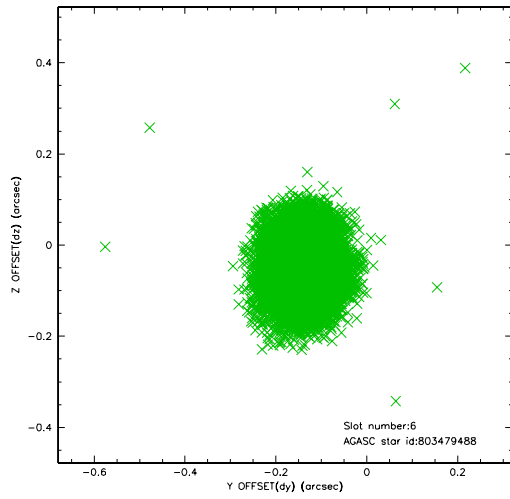
2.4.2 Slot 4



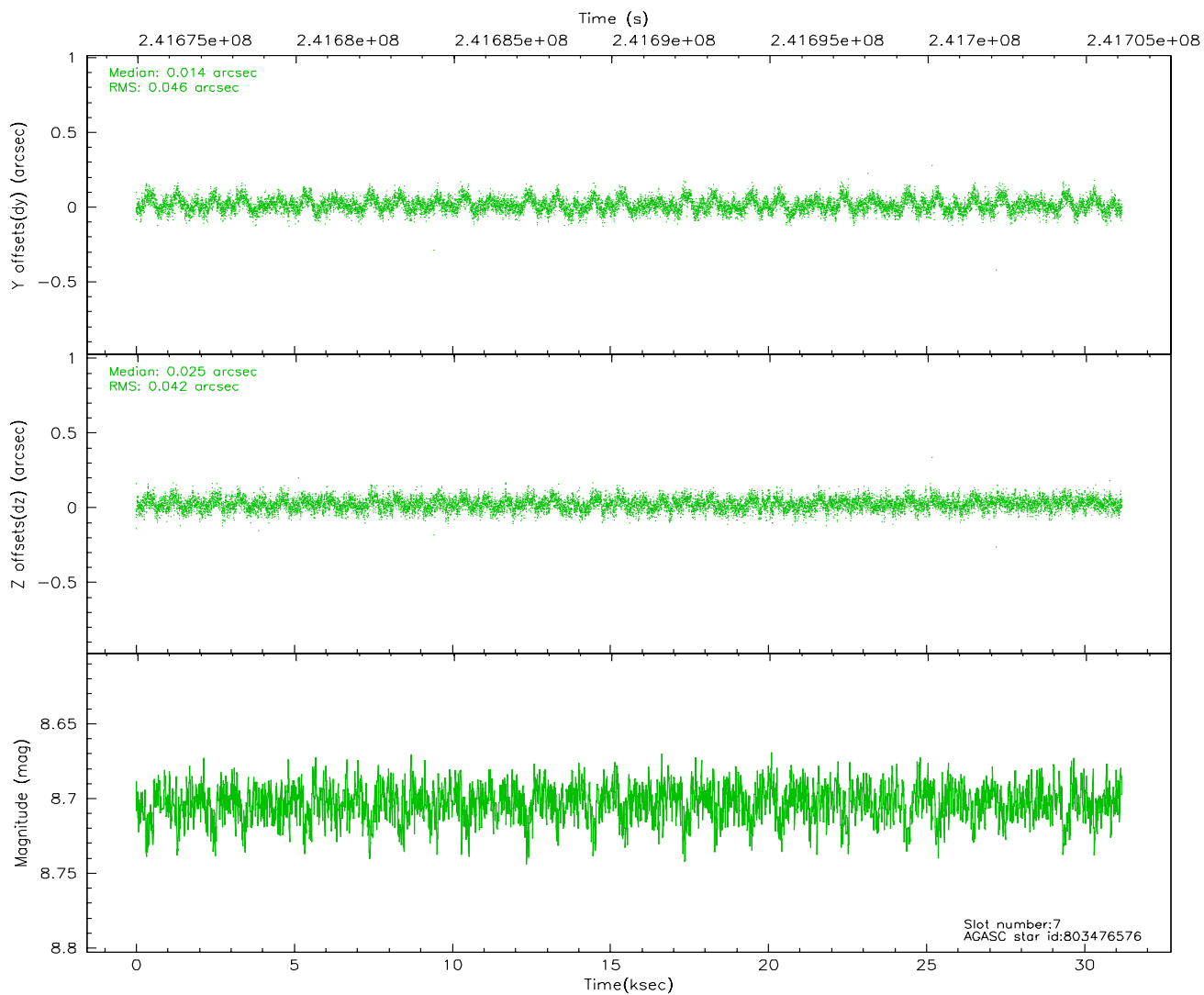
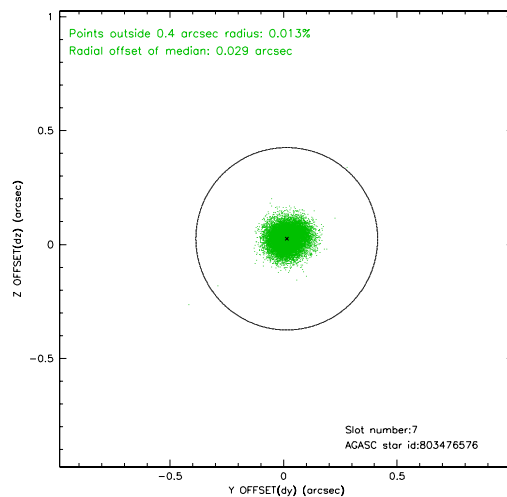
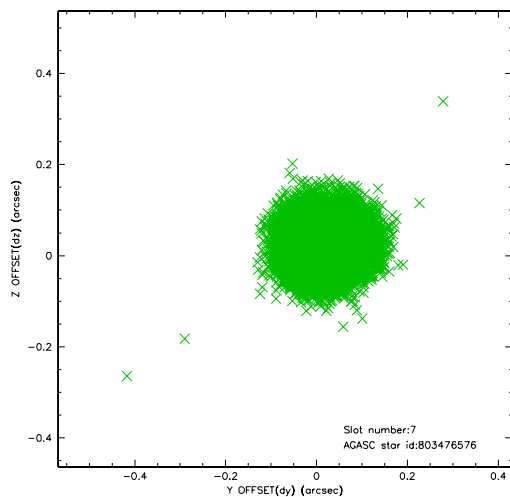
2.4.3 Slot 5



2.4.4 Slot 6

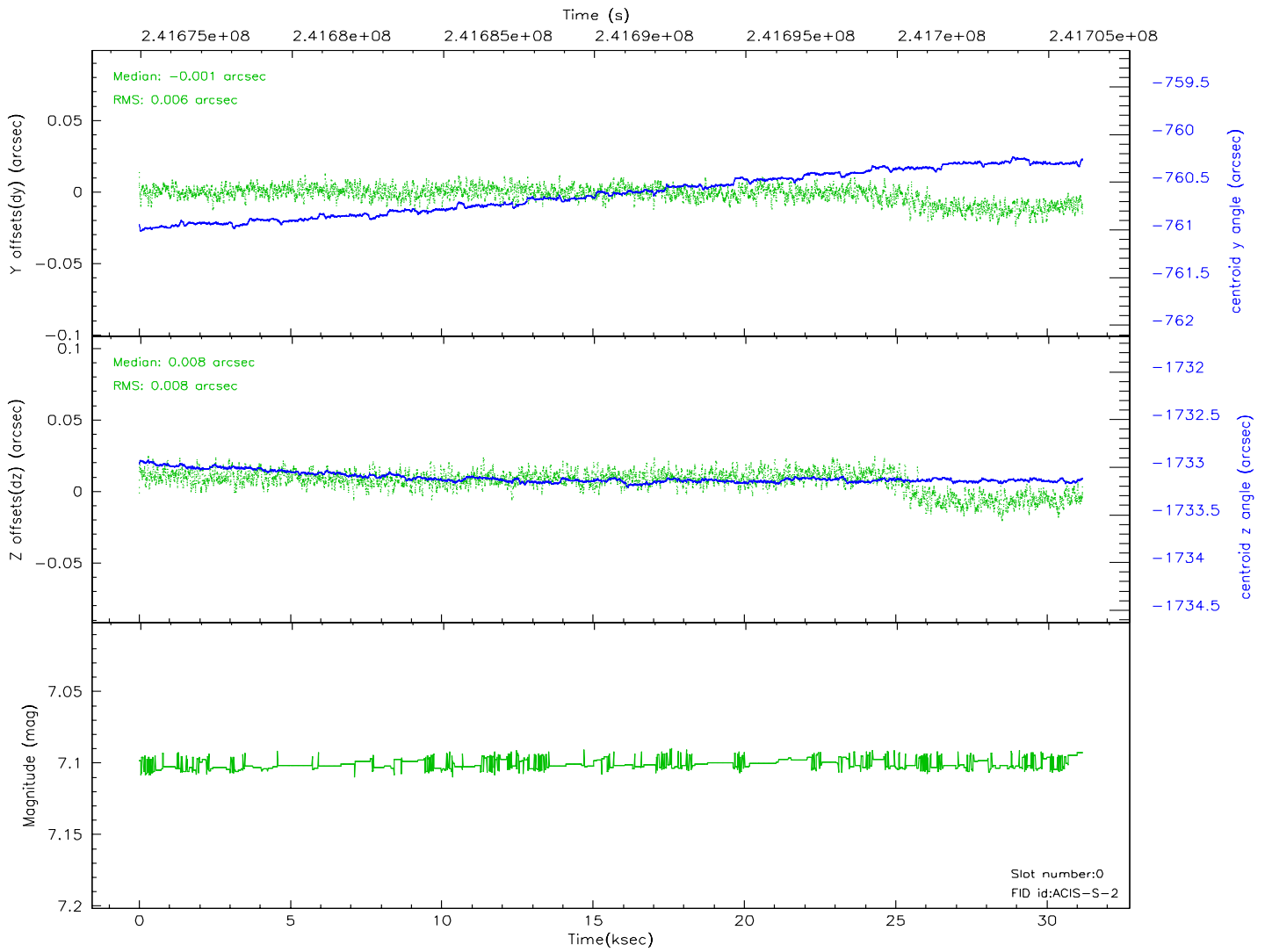
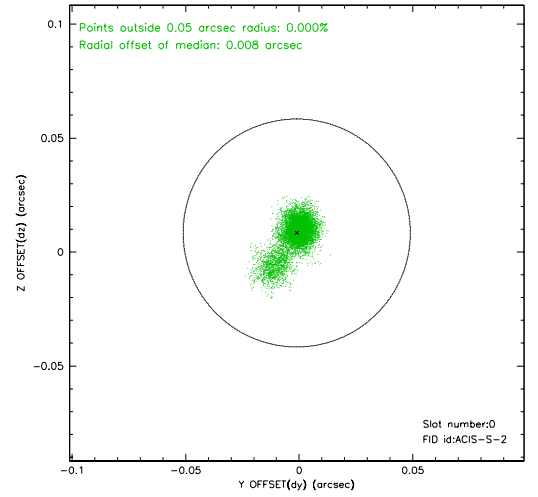
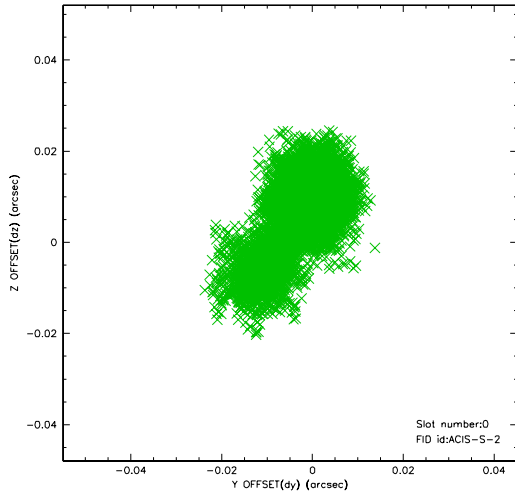


2.4.5 Slot 7

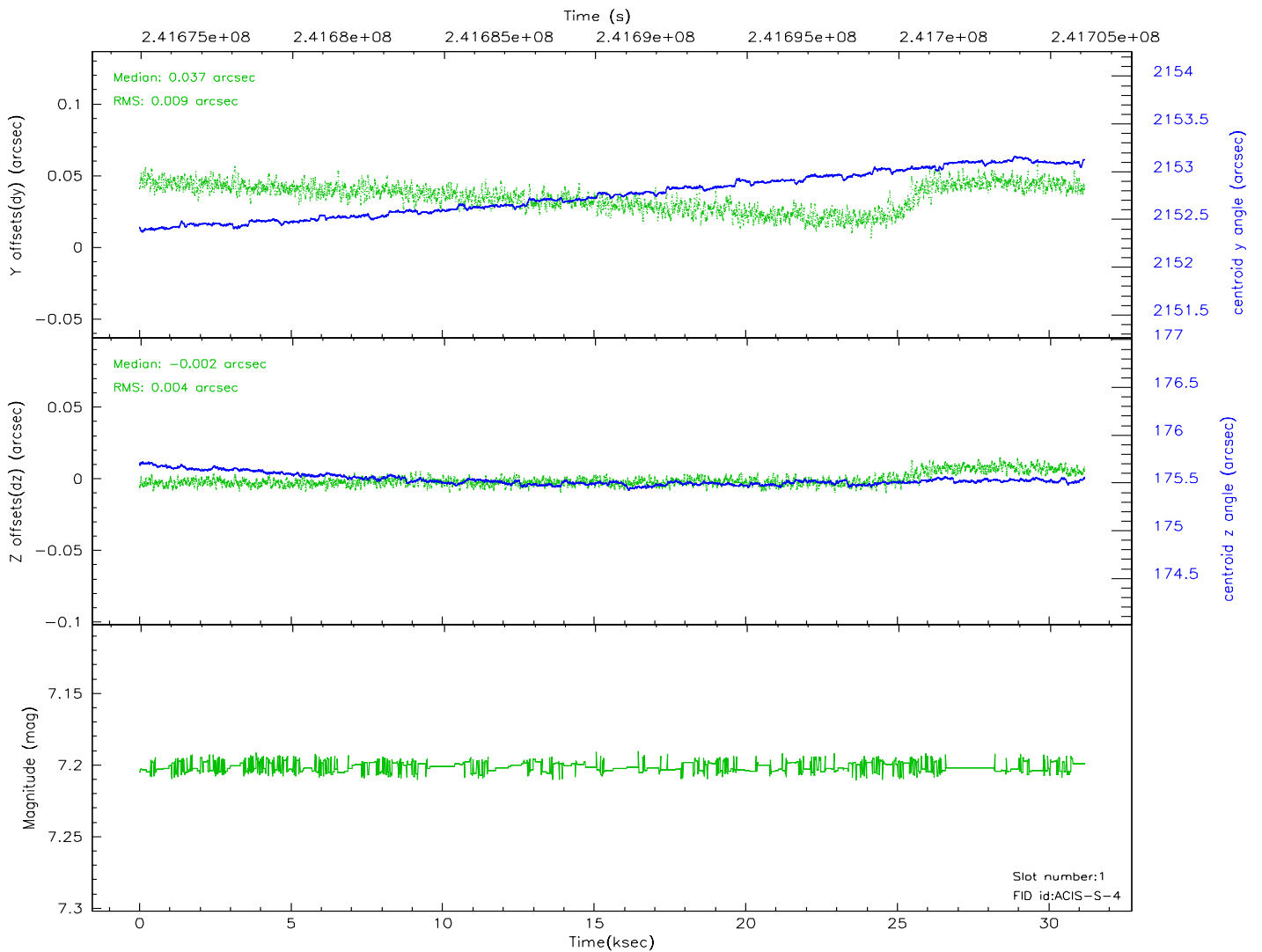
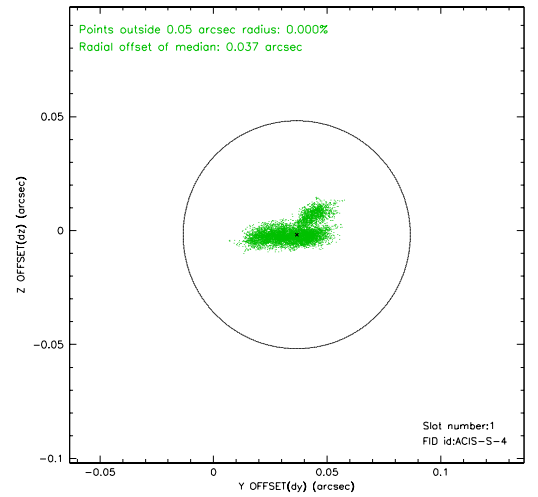
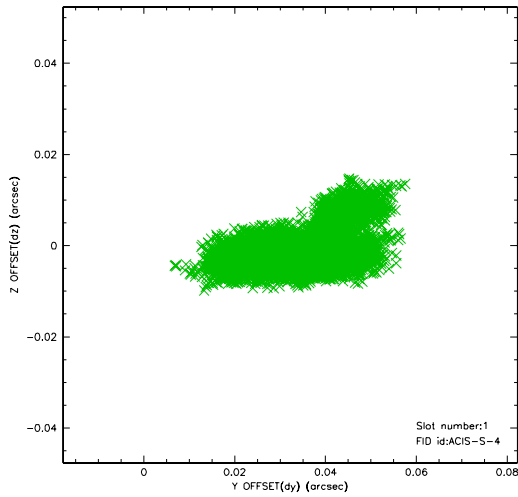


2.5 FID Slots

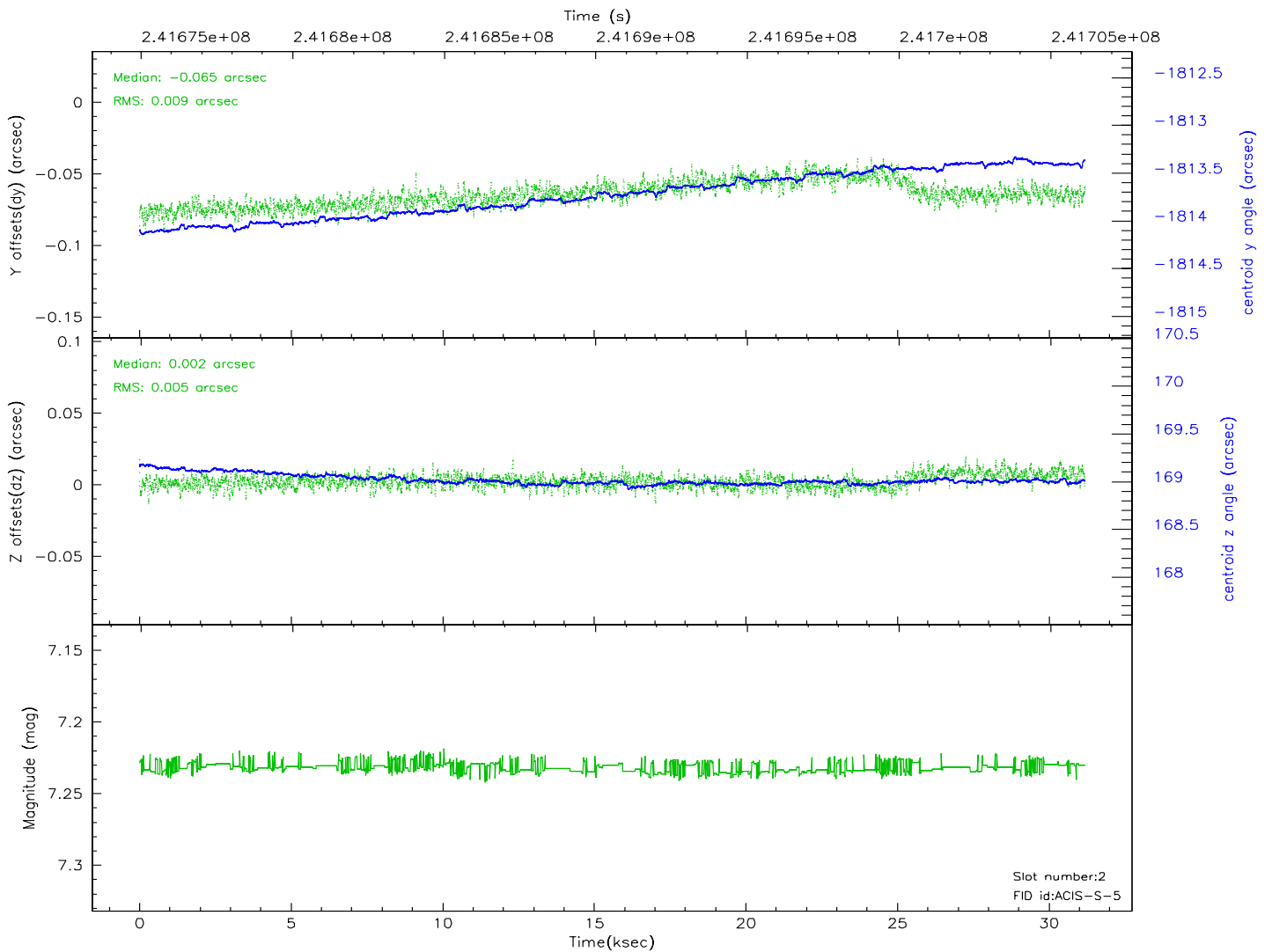
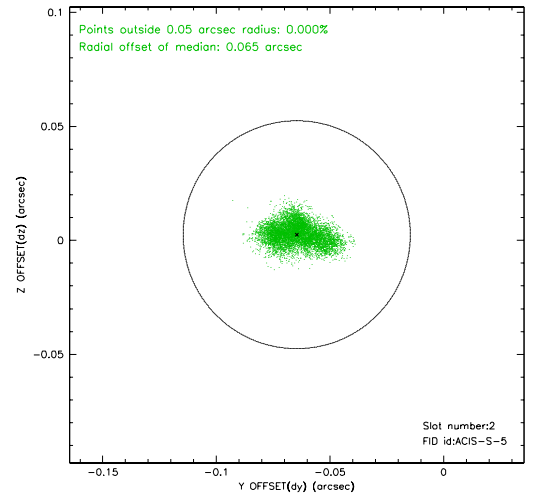
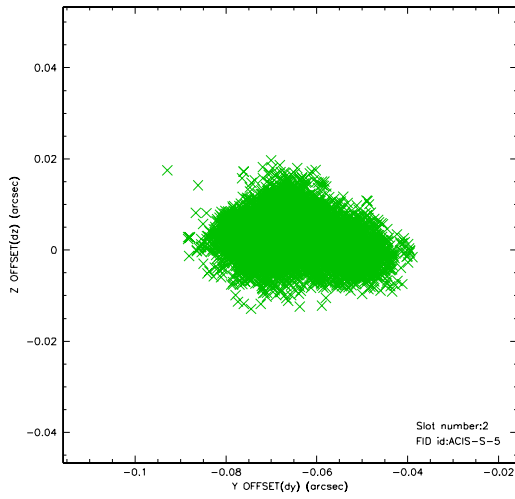
2.5.1 Slot 0



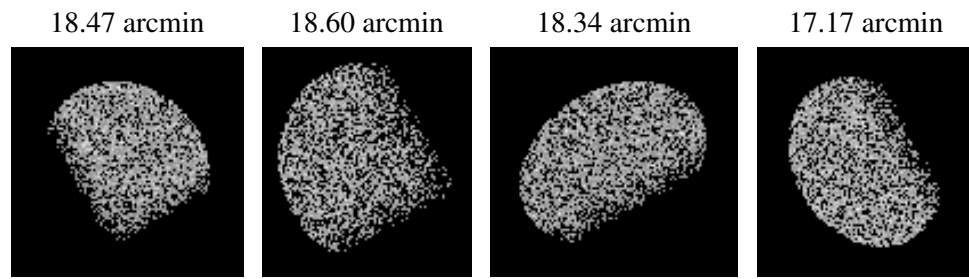
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	31.18079

A.2 Comments