

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2809 - L2 Version 001
Chandra X-Ray Center

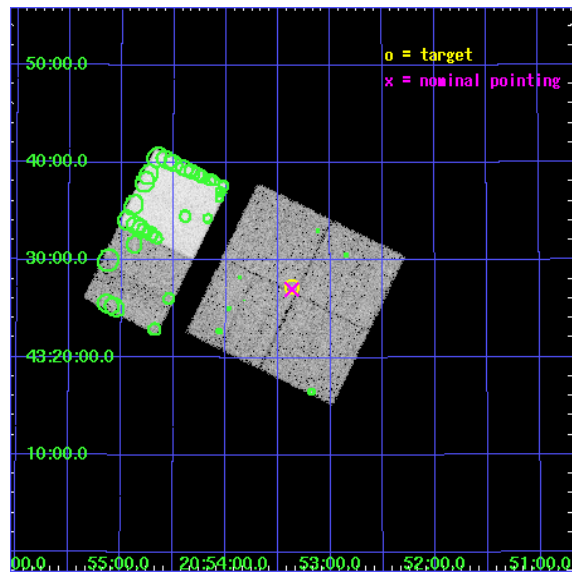
L2 Processing Date : Oct 13 2006

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1 Front

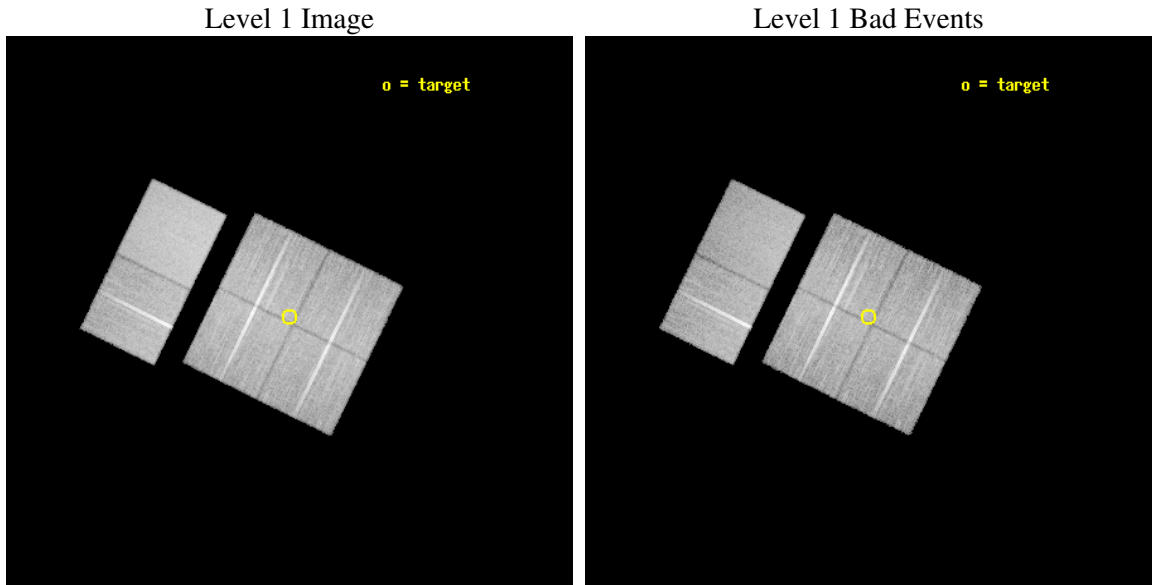
seq_num	500259
obs_id	2809
title	A CHANDRA SURVEY FOR COMPACT OBJECTS IN SUPERNOVA REMNANTS
observer	Prof. Shrinivas Kulkarni
object	G084.2-0.8
dtcycle	0
cycle	P
ra_targ	313.341667
dec_targ	43.455
ra_nom	313.34200982208
dec_nom	43.450377955876
roll_nom	296.1193107253
revision	2
ontime	24931.199907124
livetime	24615.506042134
ontime0	24931.199907124
ontime1	24931.199907124
ontime2	24931.199907124
ontime3	24931.199907124
ontime6	24931.199907124
ontime7	24931.199907124
l2events	156082



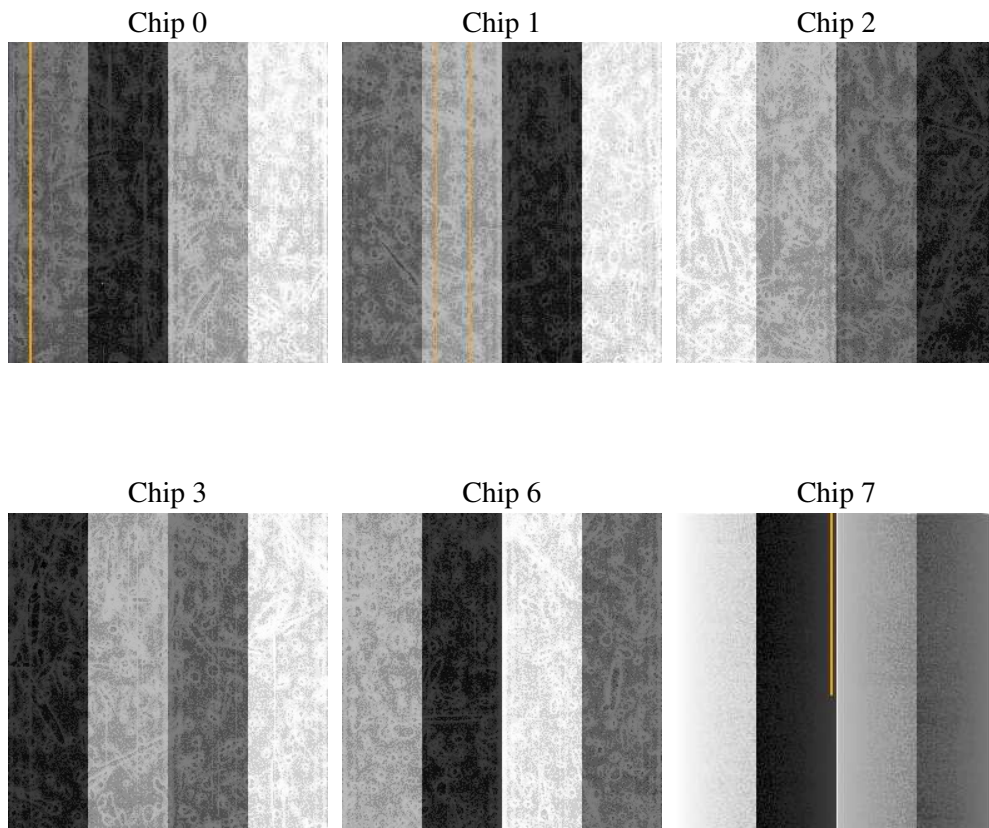
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-10-13T11:43:14
revision	2

sched_exp_time	25000.000000
ontime	24936.261568666
ontime0	24936.261568666
ontime1	24936.261568666
ontime2	24936.261568666
ontime3	24936.261568666
ontime6	24936.261568666
ontime7	24936.261598557
l1events	969108

2.1.4 Events

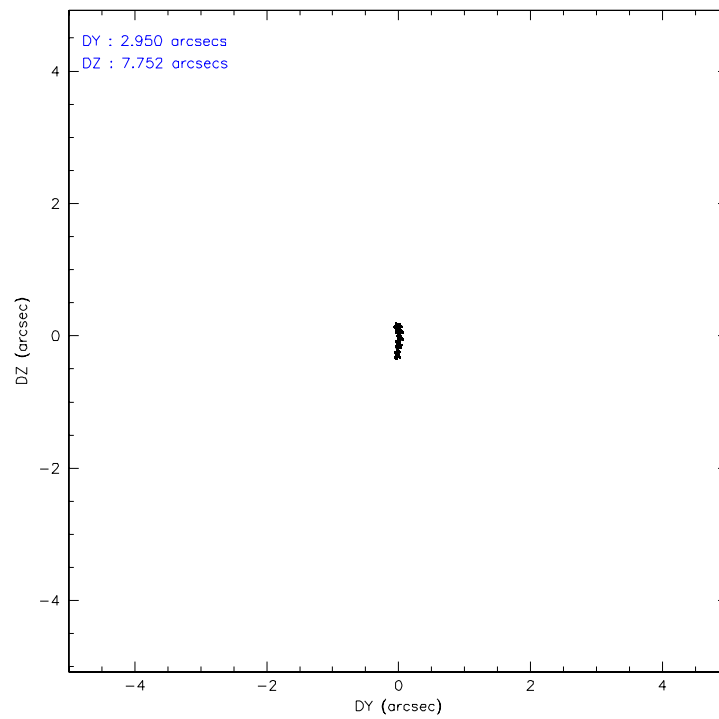
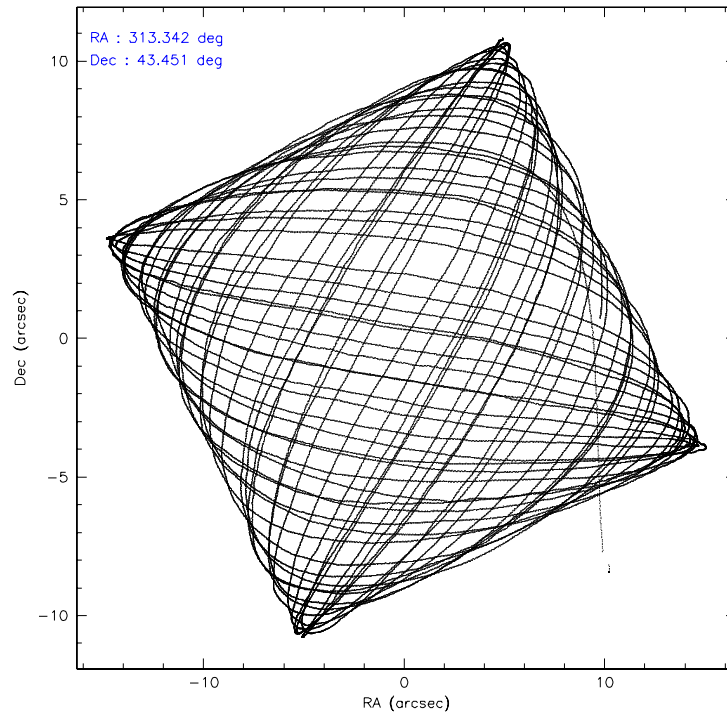
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	144421	145184	158105	156302	160545	204551
rejected events	125579	125489	138449	138359	142008	127976
rejected %	86%	86%	87%	88%	88%	62%

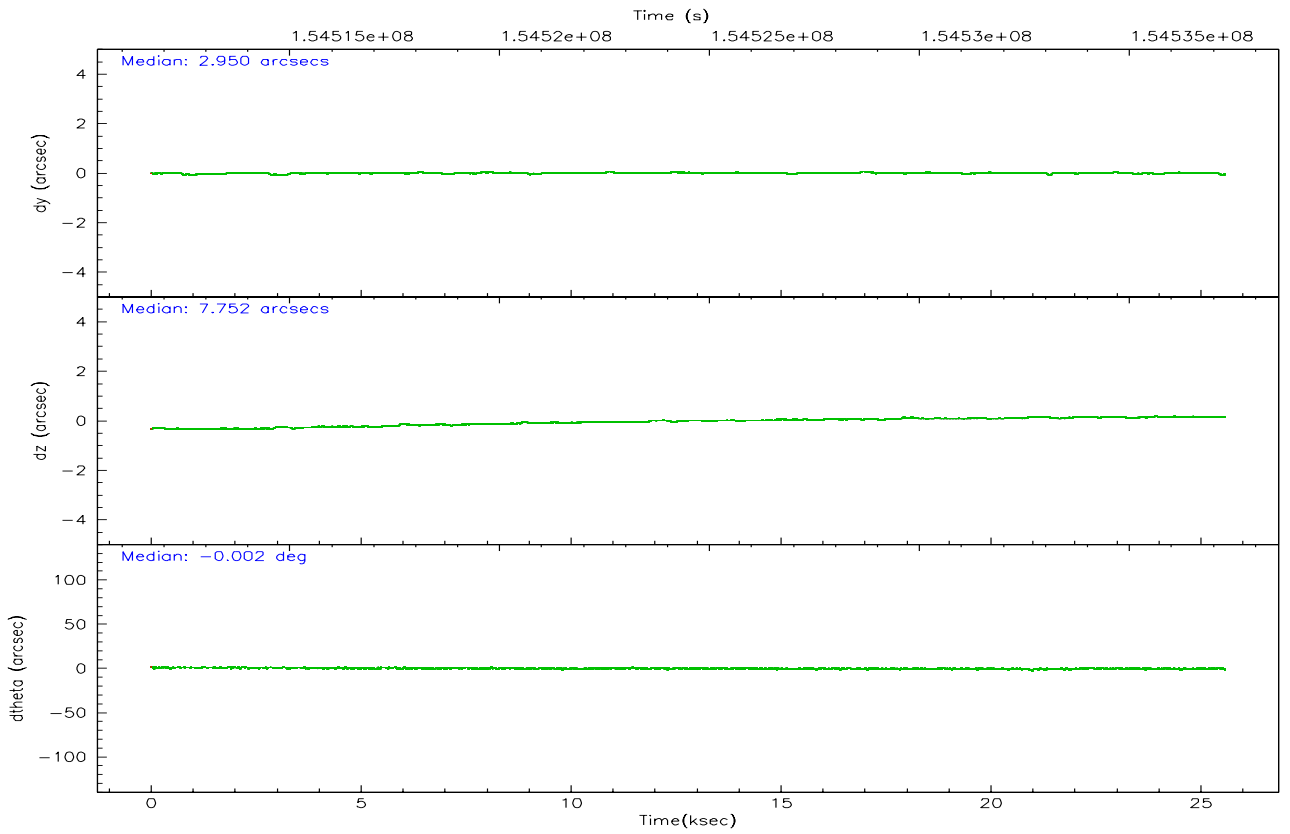
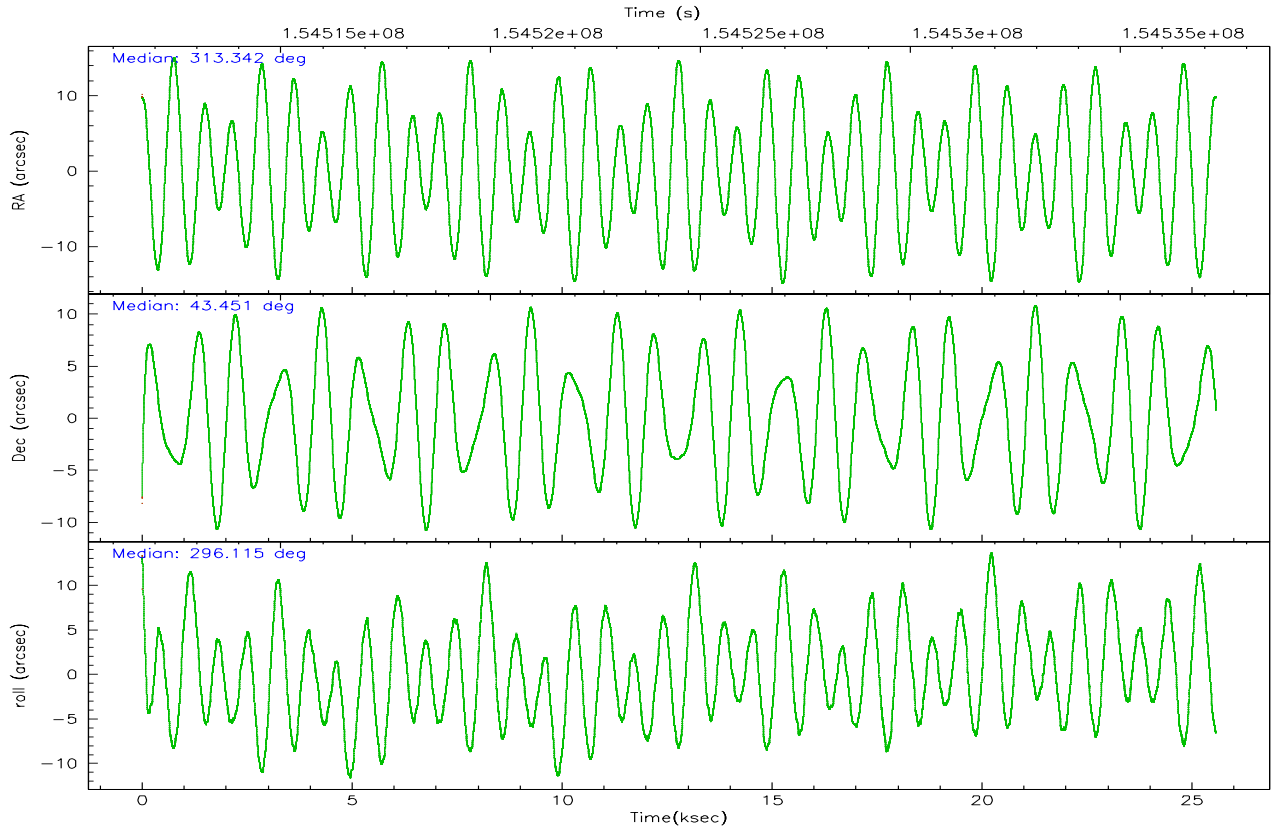
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	8242	7948	9449	7876	7308	4167
	5%	5%	5%	5%	4%	2%
grade 1 events	76	72	109	83	86	118
	0%	0%	0%	0%	0%	0%
grade 2 events	3816	4174	3640	3316	3854	18885
	2%	2%	2%	2%	2%	9%
grade 3 events	1939	1940	1766	1742	1791	3771
	1%	1%	1%	1%	1%	1%
grade 4 events	1672	1942	1786	1838	1858	3725
	1%	1%	1%	1%	1%	1%
grade 5 events	5994	6363	5658	6776	6972	13275
	4%	4%	3%	4%	4%	6%
grade 6 events	3176	3700	3017	3176	3731	46051
	2%	2%	1%	2%	2%	22%
grade 7 events	119506	119045	132680	131495	134945	114559
	82%	81%	83%	84%	84%	56%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	313.310606	313.3420098220776	Subarray requested	NONE	NONE
Pointing Dec	43.465544	43.45037795587601	Alternating exposures requested	N	N
Pointing Roll	295.932222	296.119310725295	Primary exposure time	0.000000	3.2
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	154512272.184000	154511115.31895			
Observation start date	2002-11-24T08:03:28	2002-11-24T07:45:15			
Observation end time	154537272.184000	154537974.93257			
Observation end date	2002-11-24T15:00:08	2002-11-24T15:12:54			
Read mode	TIMED	TIMED			

2.3 Aspect



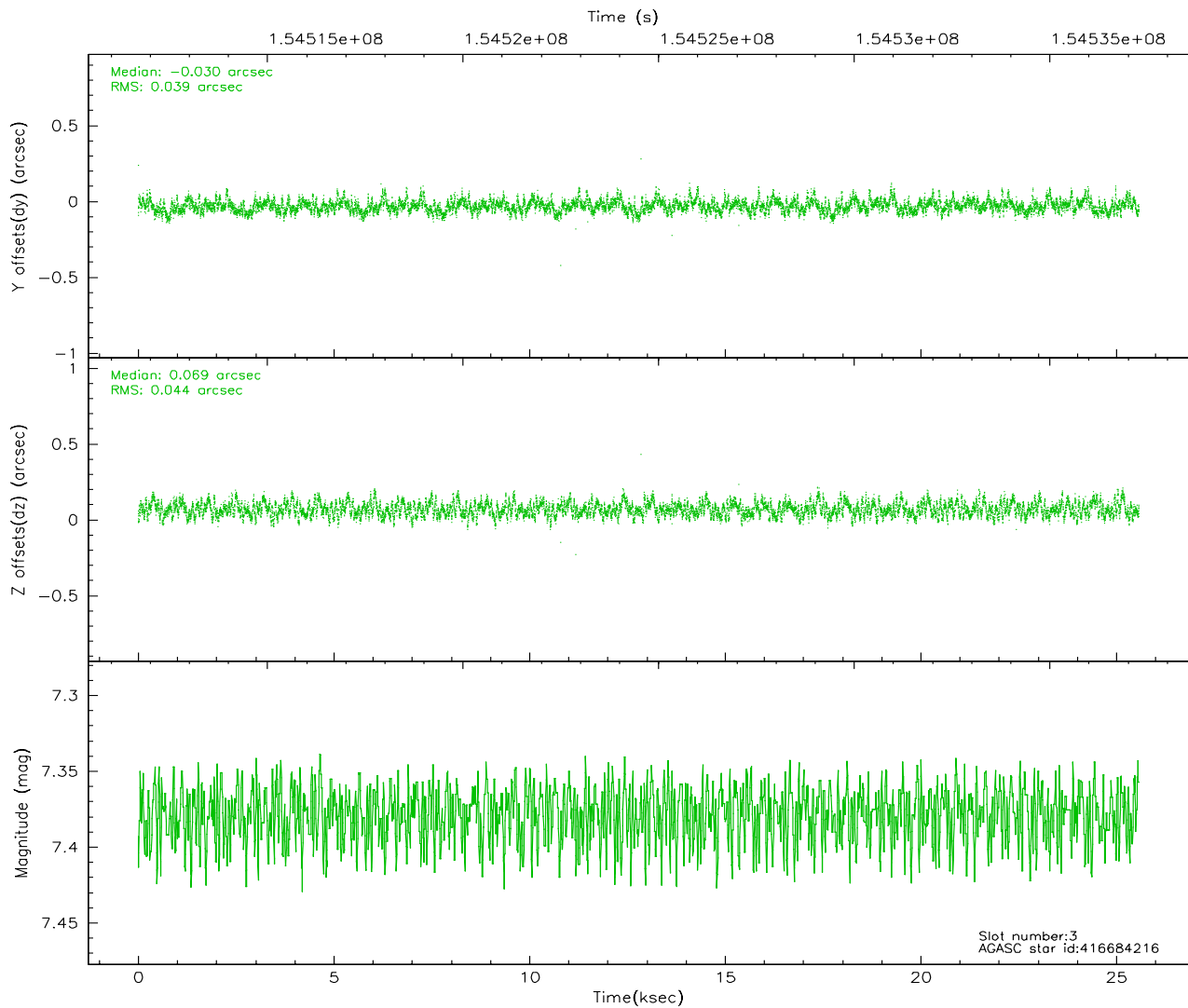
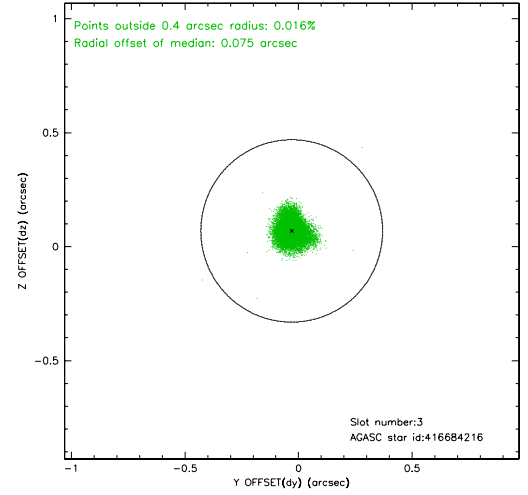
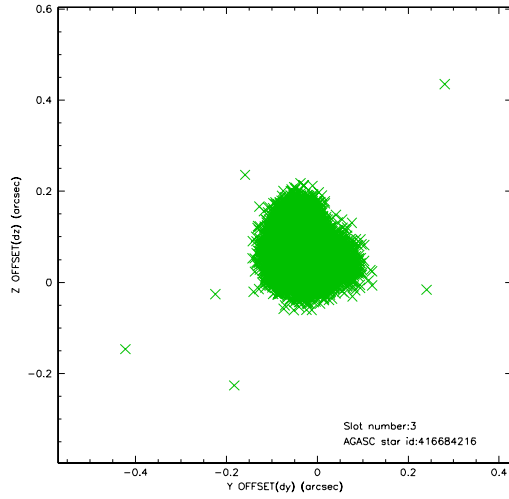


Slot Statistics

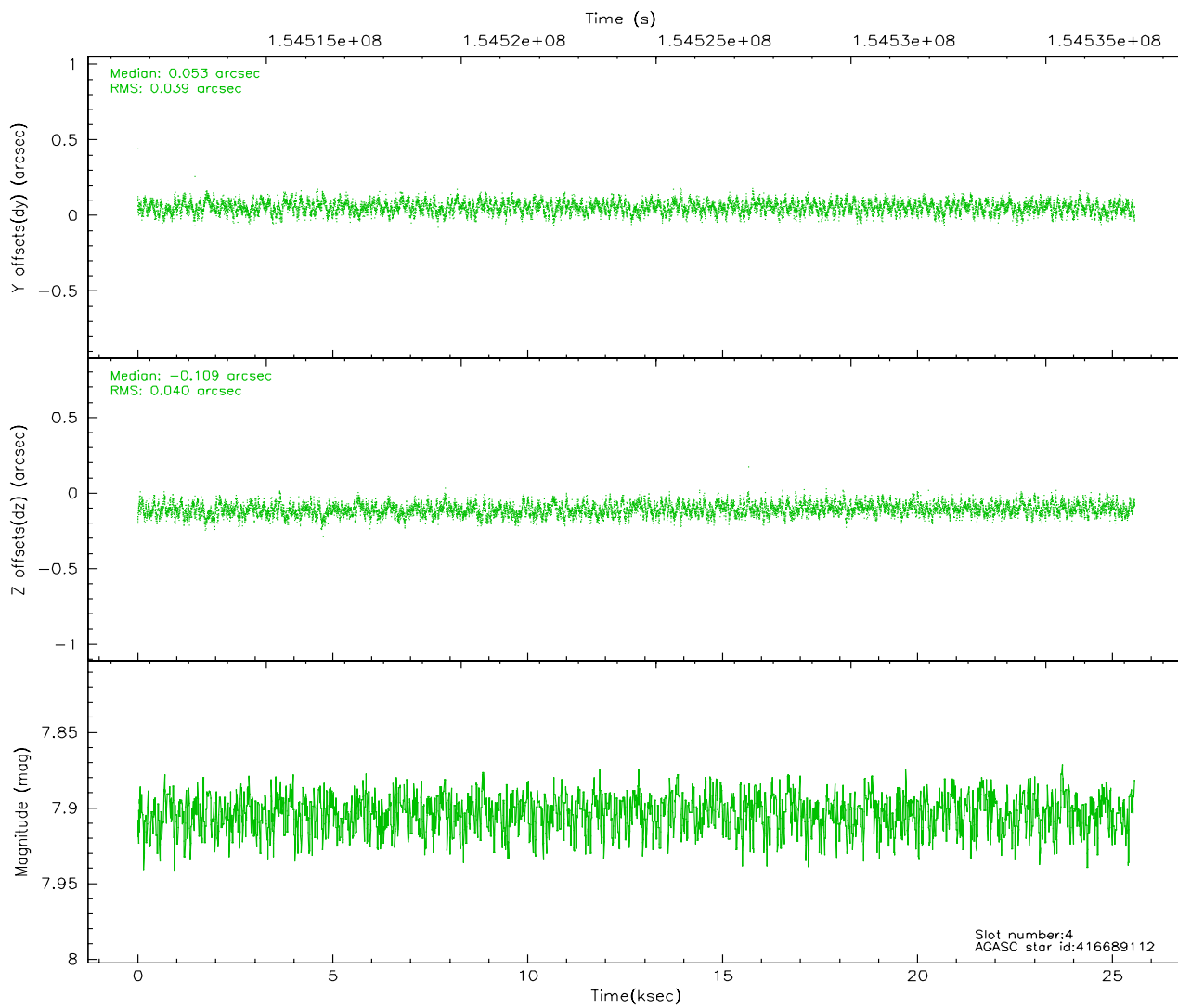
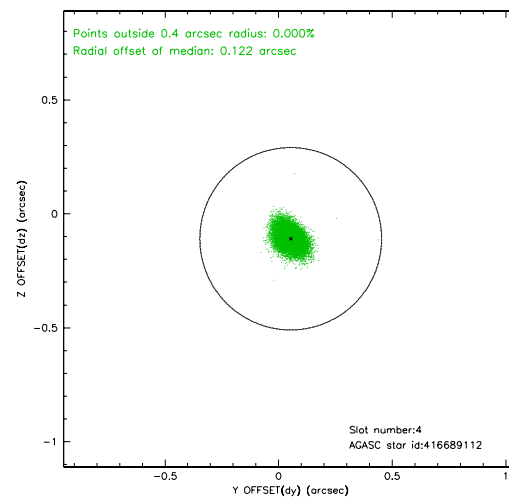
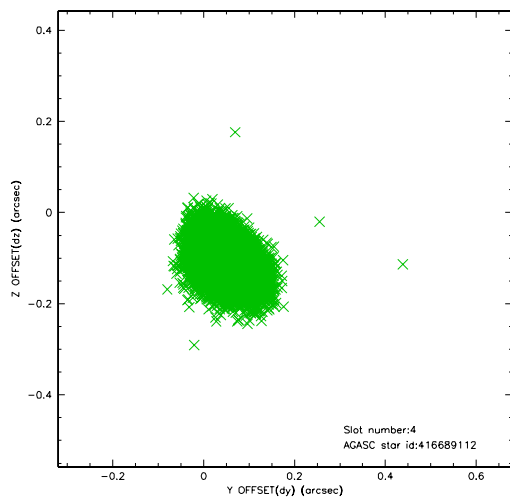
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	6240	-0.067	0.013	0.011	0.019	0.000000	0.000000	936.78	-831.11
1	FID	ACIS-I-4	7.19	6238	0.023	0.047	0.008	0.014	0.000000	0.000000	2156.98	1068.67
2	FID	ACIS-I-5	7.23	6237	-0.055	0.011	0.007	0.012	0.000000	0.000000	-1811.06	1066.63
3	GUIDE	416684216	7.38	12477	-0.030	0.069	0.063	0.100	314.048312	43.424312	969.81	1672.82
4	GUIDE	416689112	7.90	12479	0.053	-0.109	0.060	0.096	313.819394	43.790478	-476.76	1701.64
5	GUIDE	416683648	9.75	12471	-0.125	0.061	0.101	0.165	312.881043	44.014553	-2265.86	-135.33
6	GUIDE	416682032	9.68	12462	0.054	-0.023	0.092	0.152	313.097525	43.153245	766.38	-995.42
7	GUIDE	416680112	9.39	12474	0.048	-0.002	0.092	0.148	313.112548	43.227624	543.28	-842.00

2.4 Star Slots

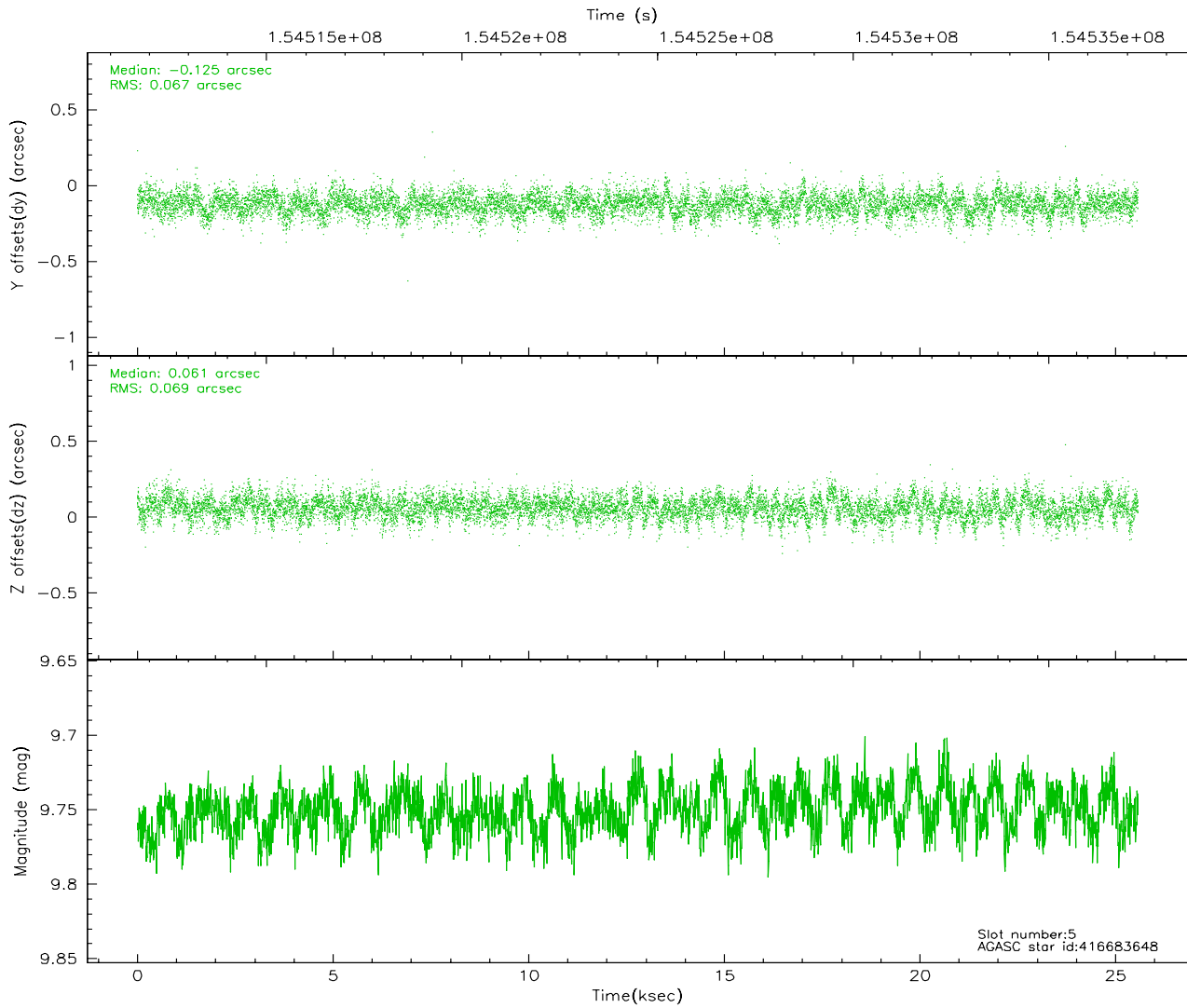
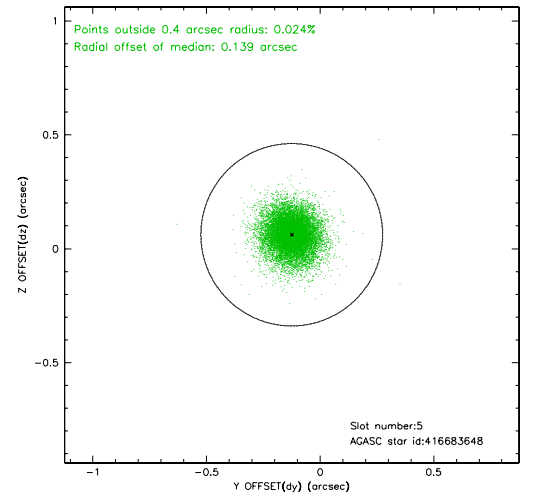
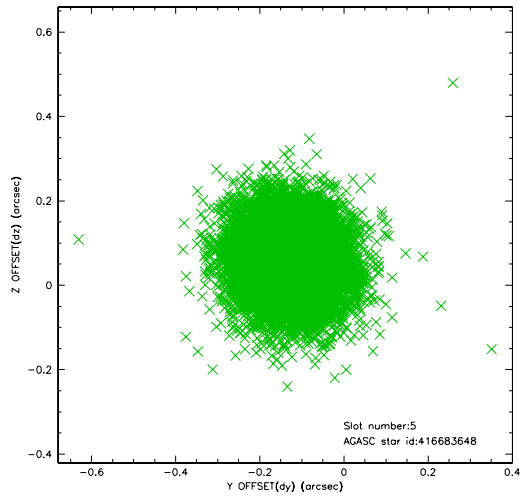
2.4.1 Slot 3



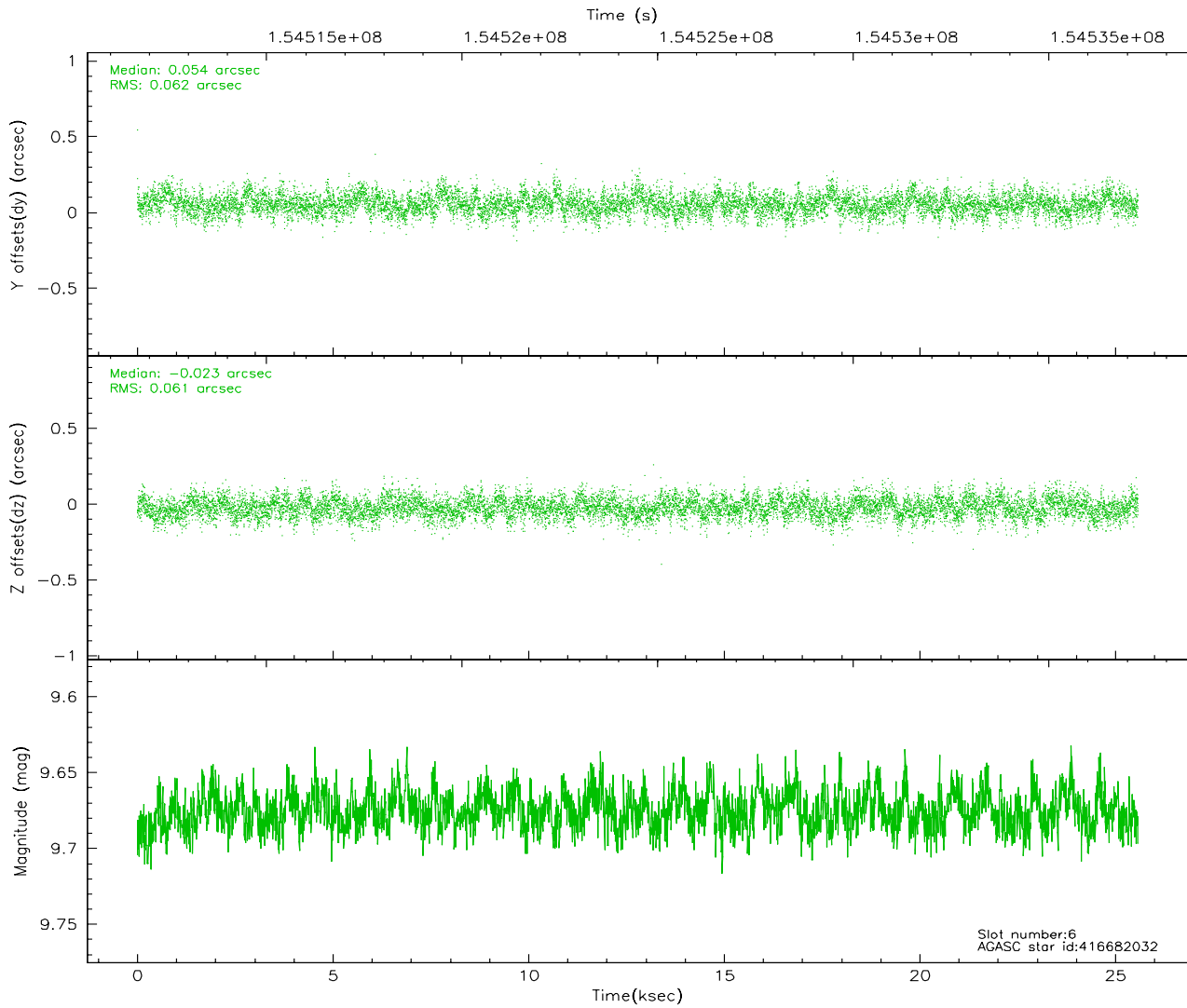
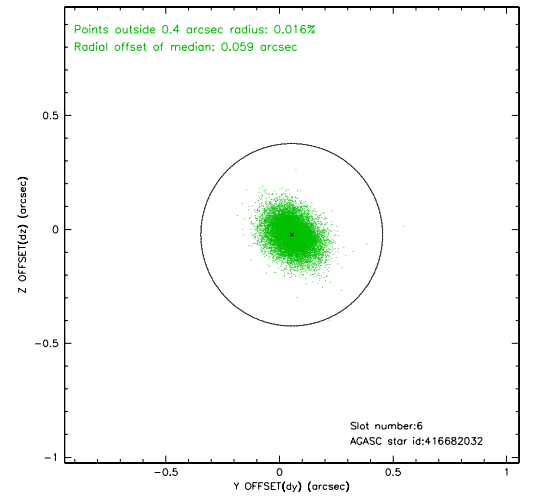
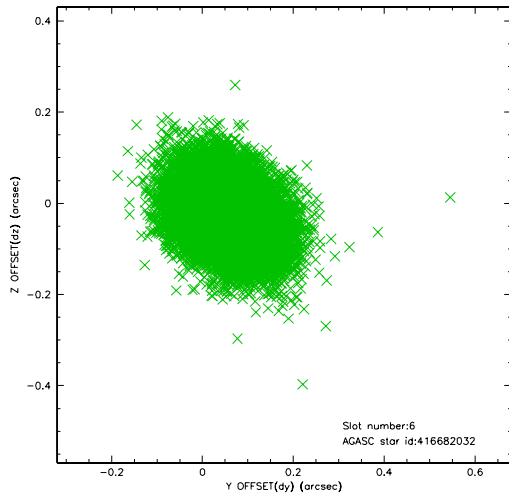
2.4.2 Slot 4



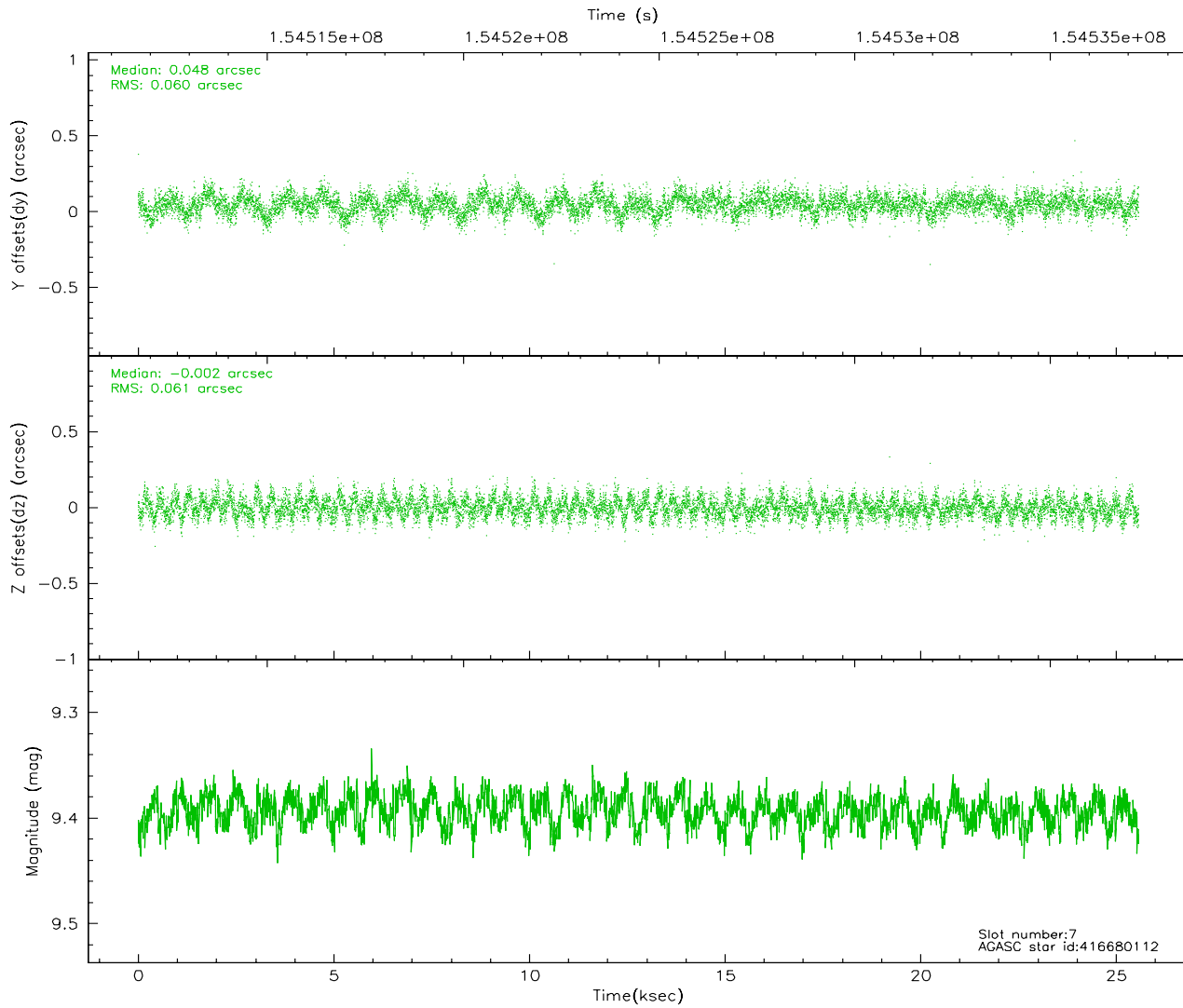
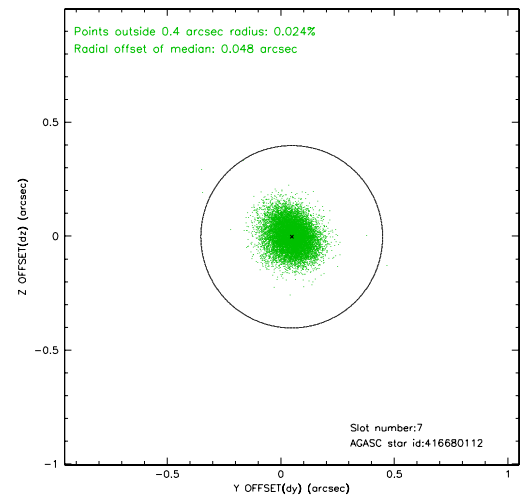
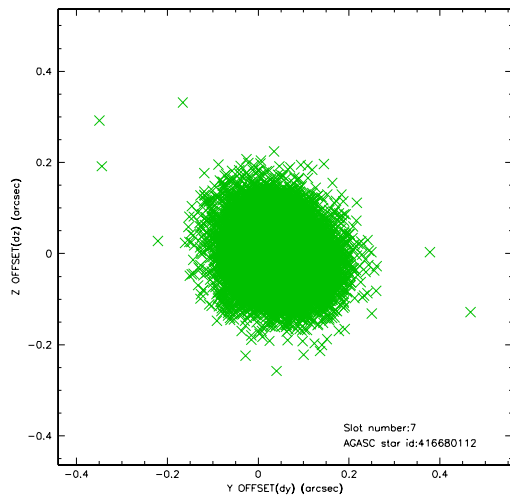
2.4.3 Slot 5



2.4.4 Slot 6

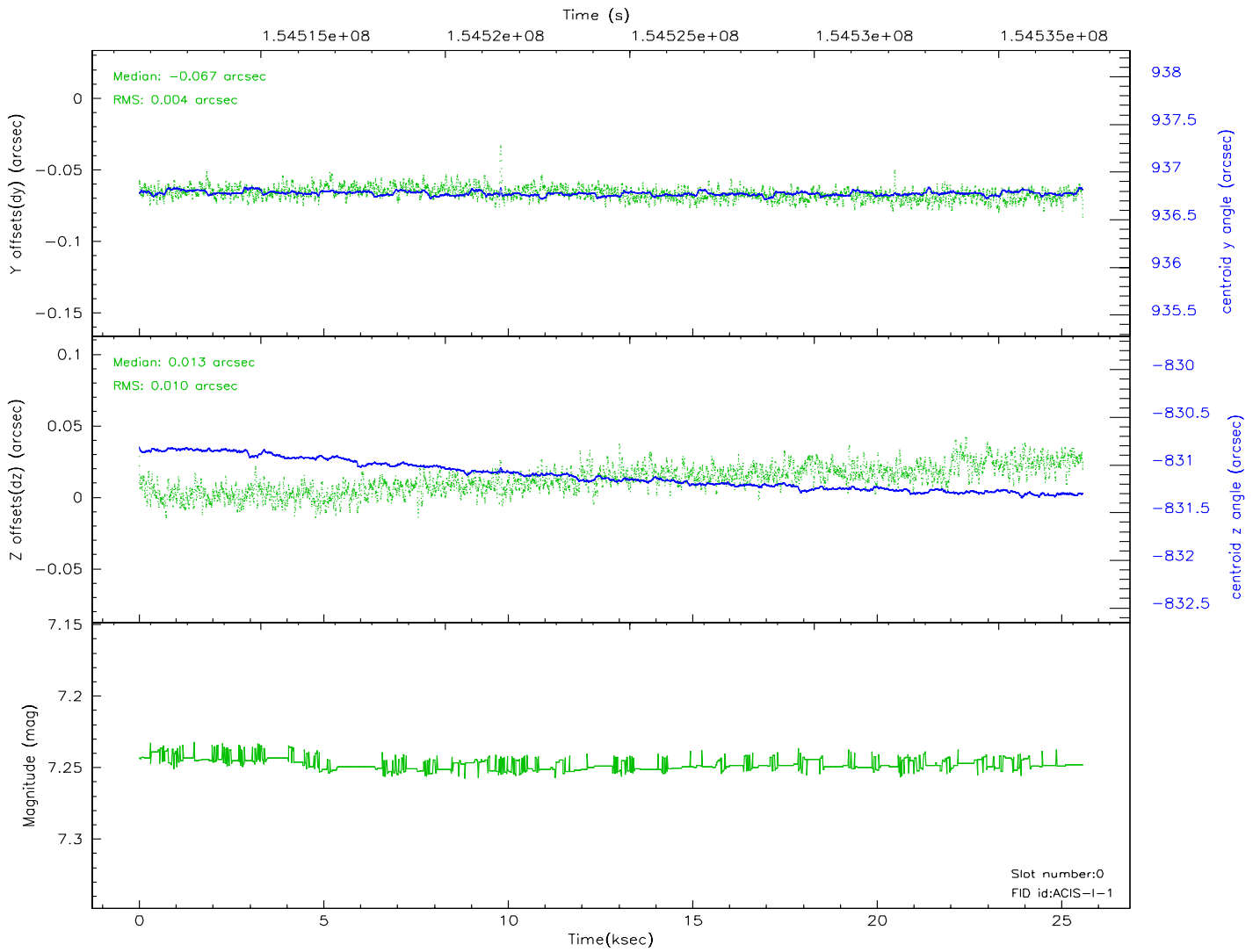
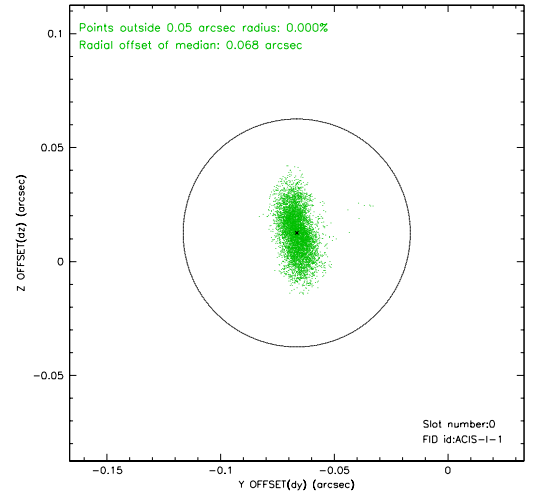
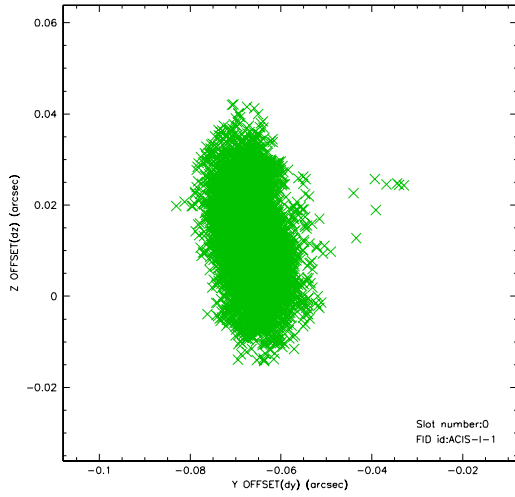


2.4.5 Slot 7

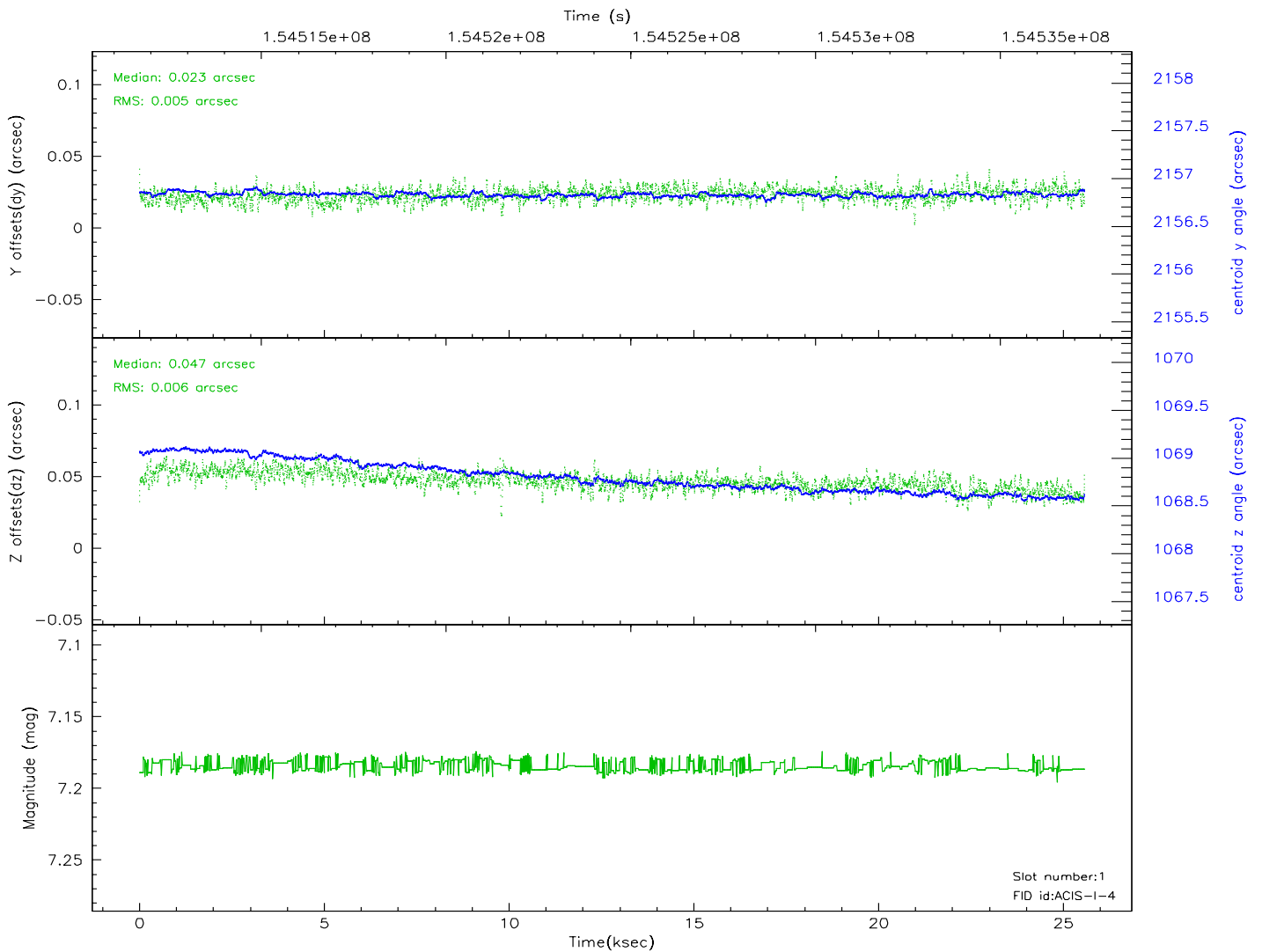
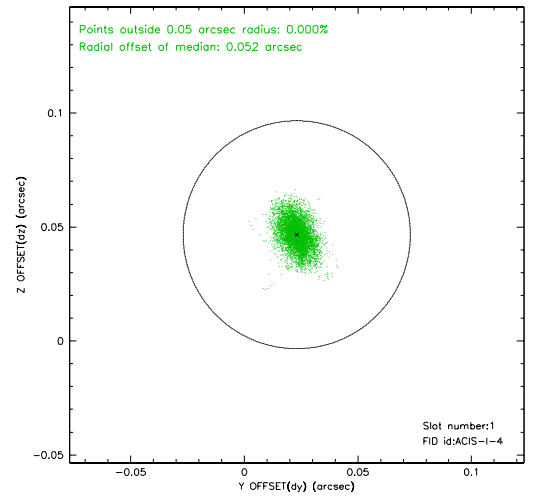
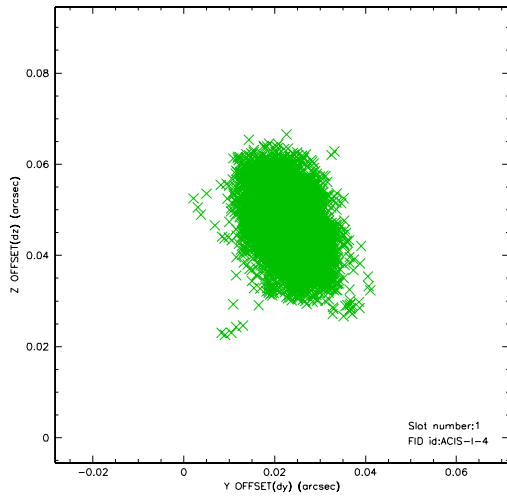


2.5 FID Slots

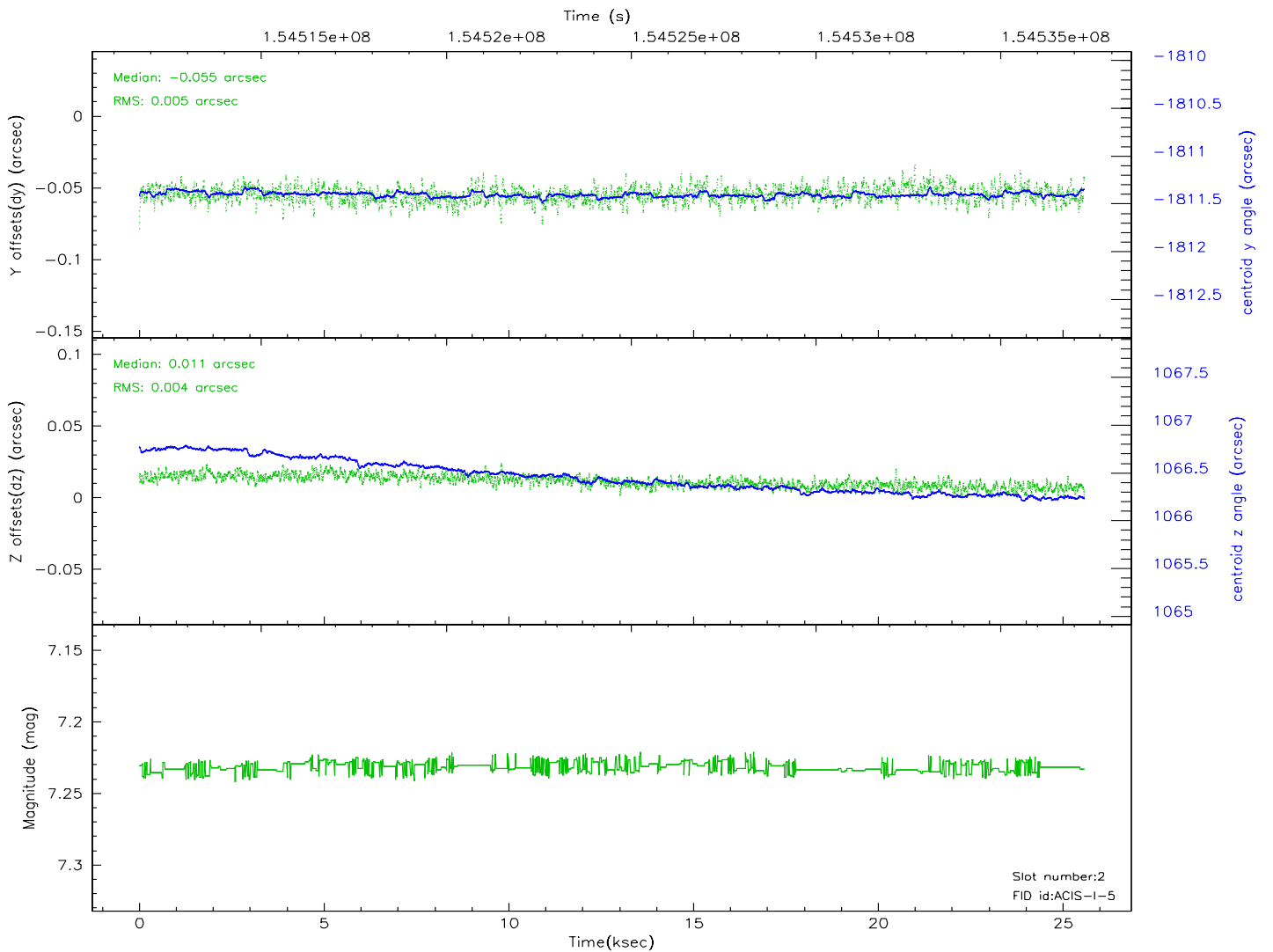
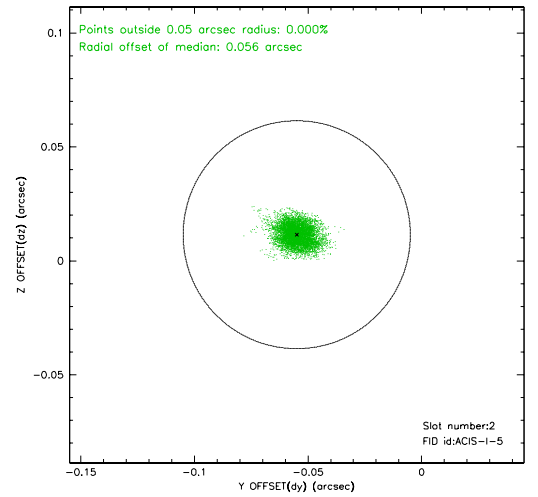
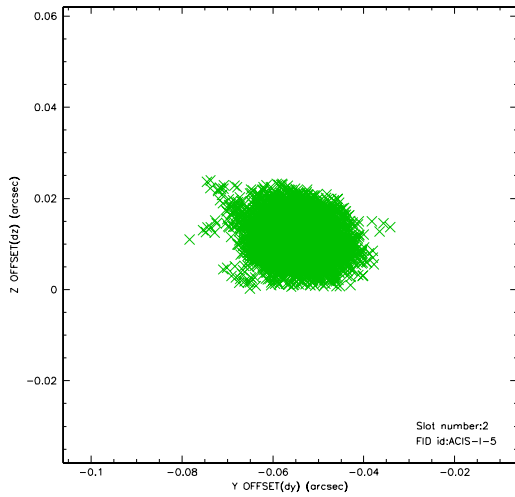
2.5.1 Slot 0



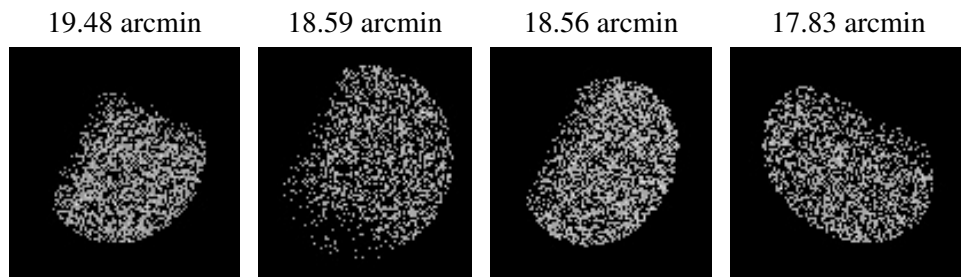
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.10.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	24.934

A.2 Comments