

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2946 - L2 Version 001
Chandra X-Ray Center

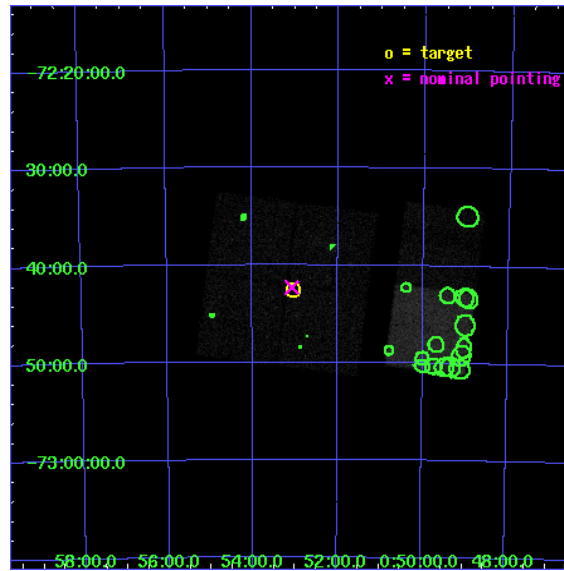
L2 Processing Date : Sep 21 2006

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1 Front

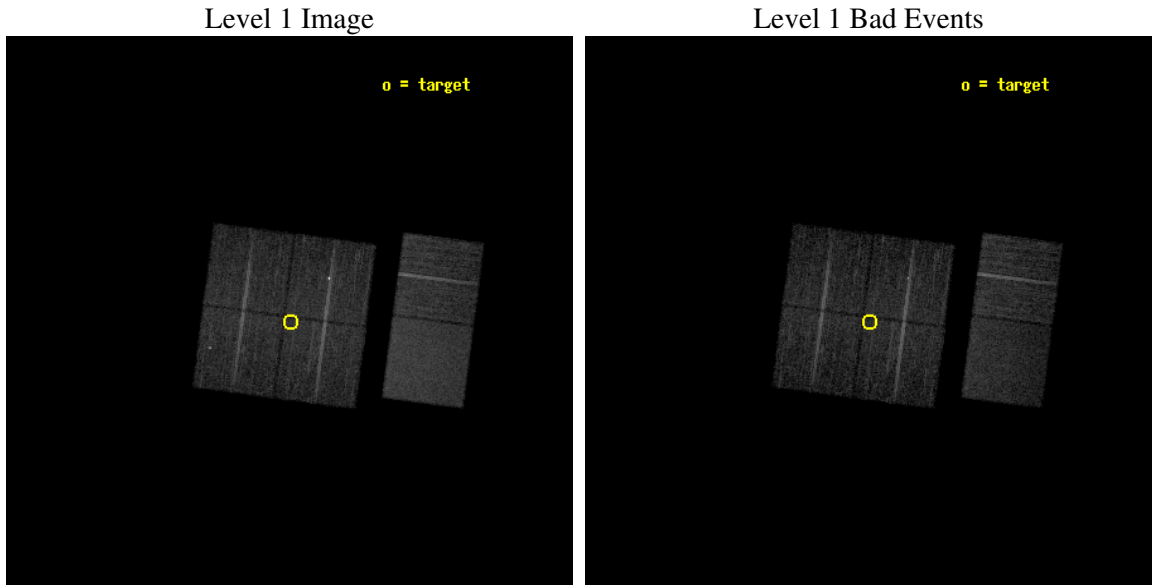
seq_num	600283
obs_id	2946
title	A CHANDRA SURVEY OF THE SMC
observer	Dr. Andreas Zezas
object	SMC FIELD 6
dtcycle	0
cycle	P
ra_targ	13.264167
dec_targ	-72.709583
ra_nom	13.268313236745
dec_nom	-72.705062177594
roll_nom	97.476237271875
revision	2
ontime	9443.1999648213
livetime	9323.6244808544
ontime0	9443.1999648213
ontime1	9443.1999648213
ontime2	9443.1999648213
ontime3	9443.1999648213
ontime6	9443.1999648213
ontime7	9443.1999648213
l2events	69819



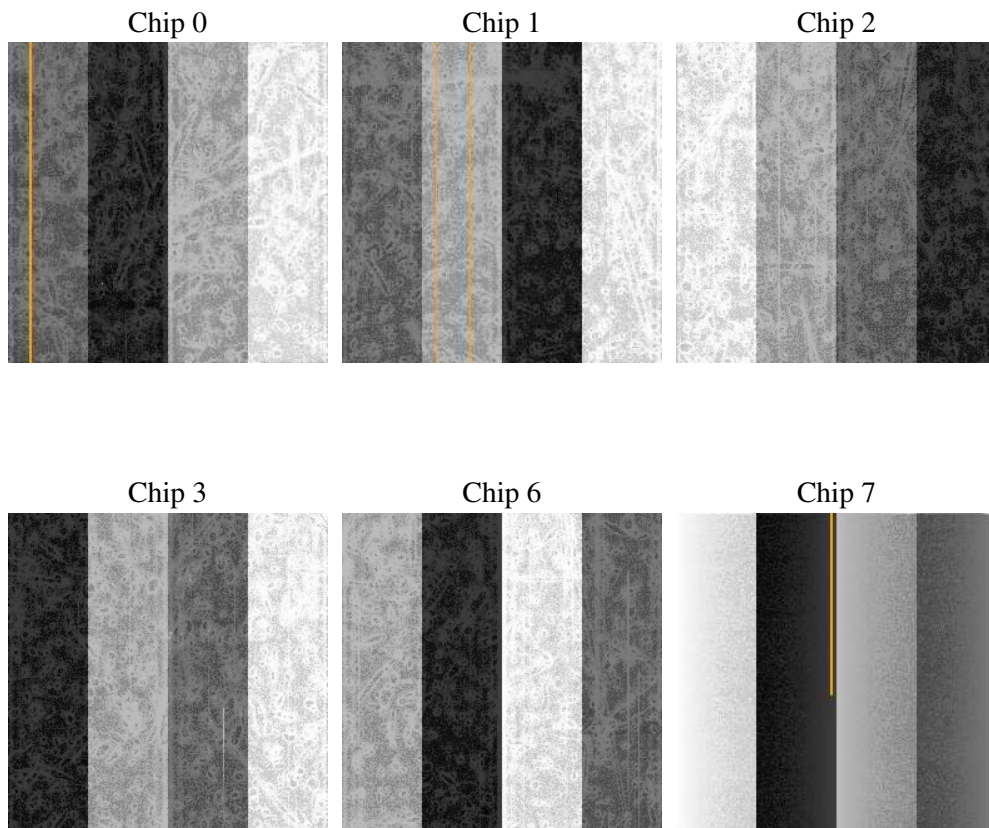
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-21T08:40:48
revision	2

sched_exp_time	9650.000000
ontime	9447.519947648
ontime0	9447.5199277401
ontime1	9447.5199277401
ontime2	9447.5199277401
ontime3	9447.519947648
ontime6	9447.5199277401
ontime7	9447.519947648
l1events	403875

2.1.4 Events

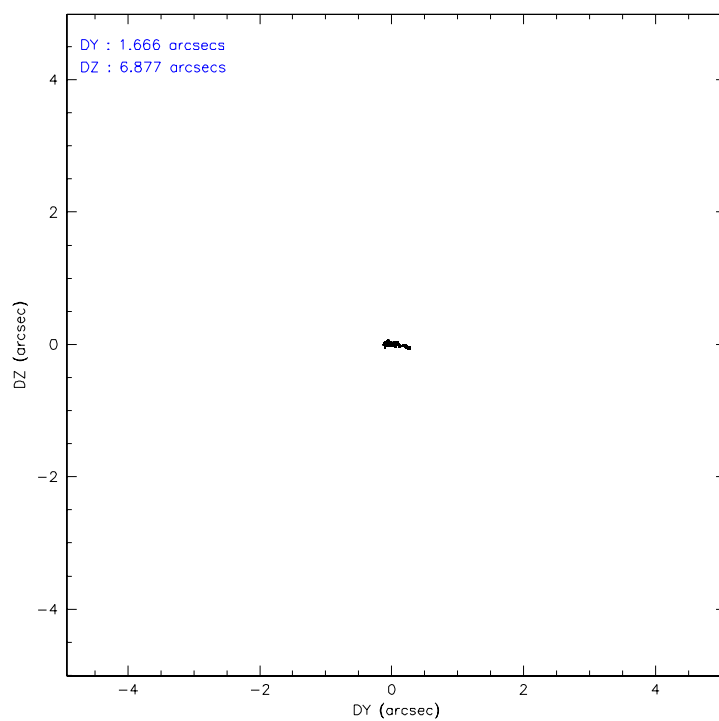
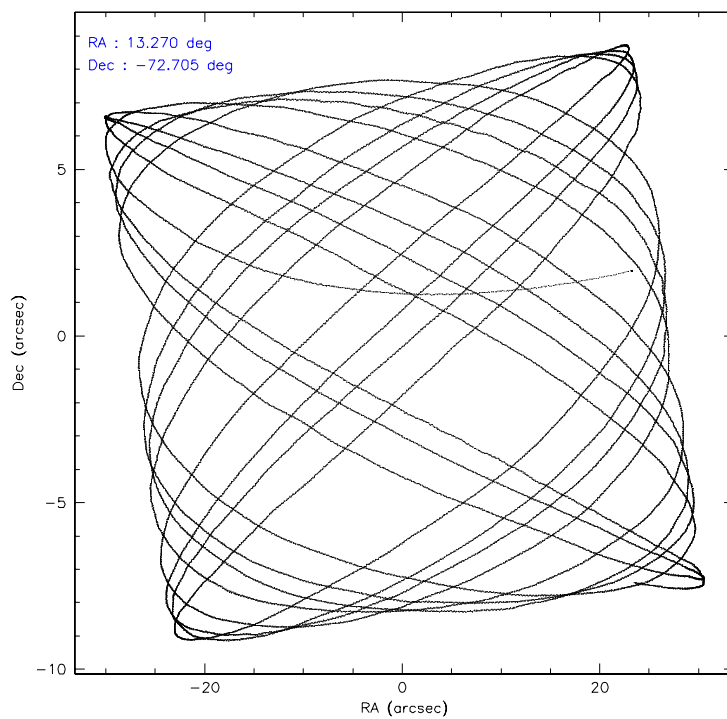
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	58304	60639	69632	62947	69245	83108
rejected events	50503	52173	56235	55222	61588	51291
rejected %	86%	86%	80%	87%	88%	61%

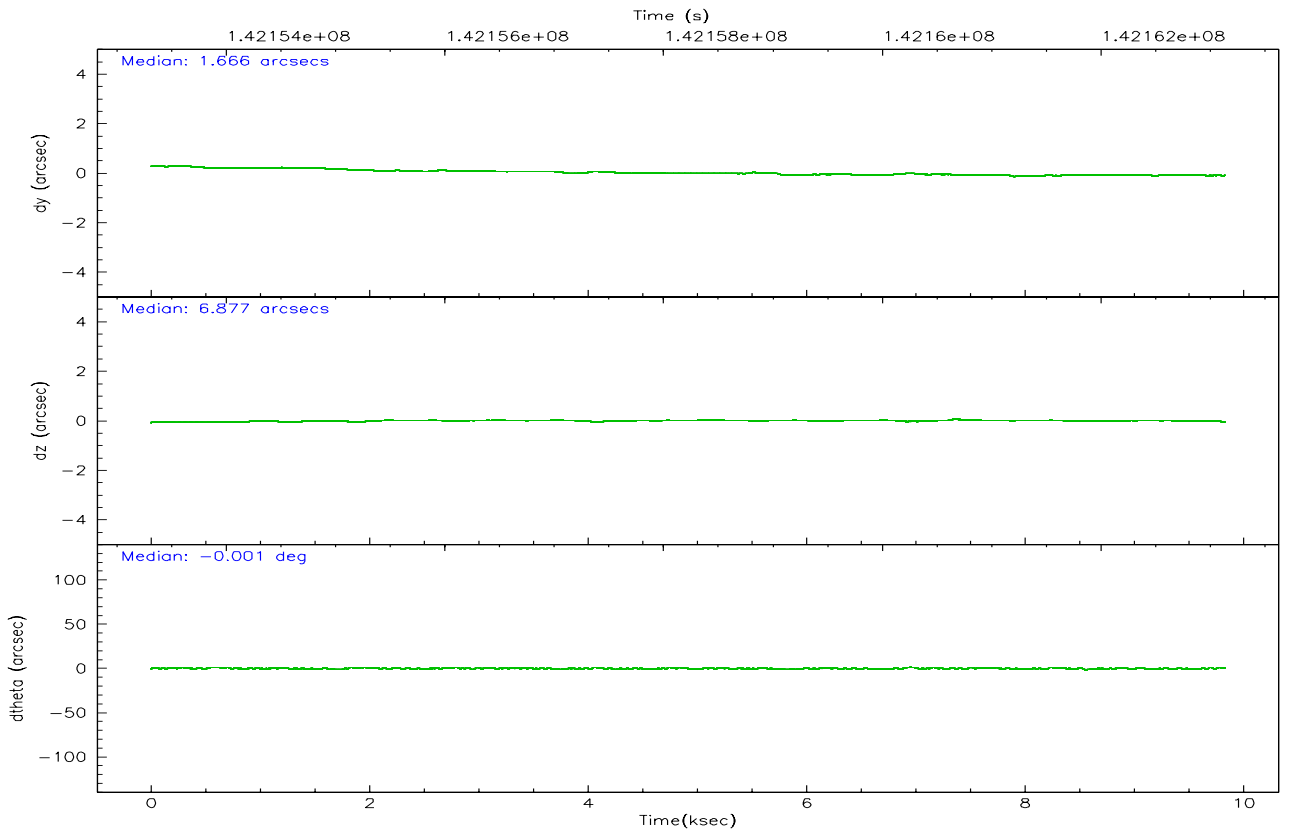
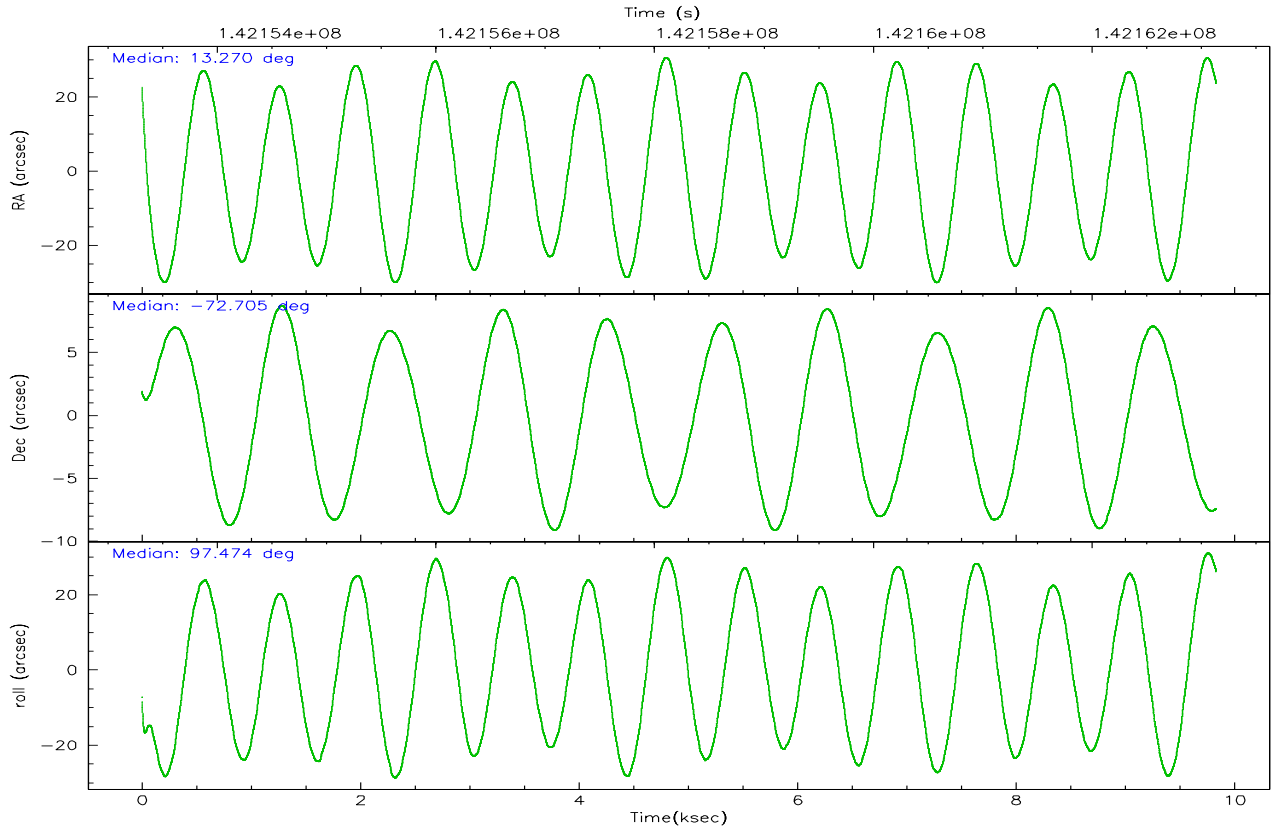
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	3418	3594	7625	3357	3057	1908
	5%	5%	10%	5%	4%	2%
grade 1 events	37	26	288	38	42	51
	0%	0%	0%	0%	0%	0%
grade 2 events	1607	1708	2435	1648	1646	7879
	2%	2%	3%	2%	2%	9%
grade 3 events	756	824	930	738	730	1716
	1%	1%	1%	1%	1%	2%
grade 4 events	685	799	915	670	718	1543
	1%	1%	1%	1%	1%	1%
grade 5 events	2360	2516	2475	2536	2805	5617
	4%	4%	3%	4%	4%	6%
grade 6 events	1340	1542	1500	1313	1508	18788
	2%	2%	2%	2%	2%	22%
grade 7 events	48101	49630	53464	52647	58739	45606
	82%	81%	76%	83%	84%	54%

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	13.324735	13.26831323674543	Subarray requested	NONE	NONE
Pointing Dec	-72.726762	-72.70506217759396	Alternating exposures requested	N	N
Pointing Roll	97.321473	97.47623727187523	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	142153493.184000	142152484.2956			
Observation start date	2002-07-04T07:03:49	2002-07-04T06:48:04			
Observation end time	142163143.184000	142163277.03354			
Observation end date	2002-07-04T09:44:39	2002-07-04T09:47:57			
Read mode	TIMED	TIMED			

2.3 Aspect



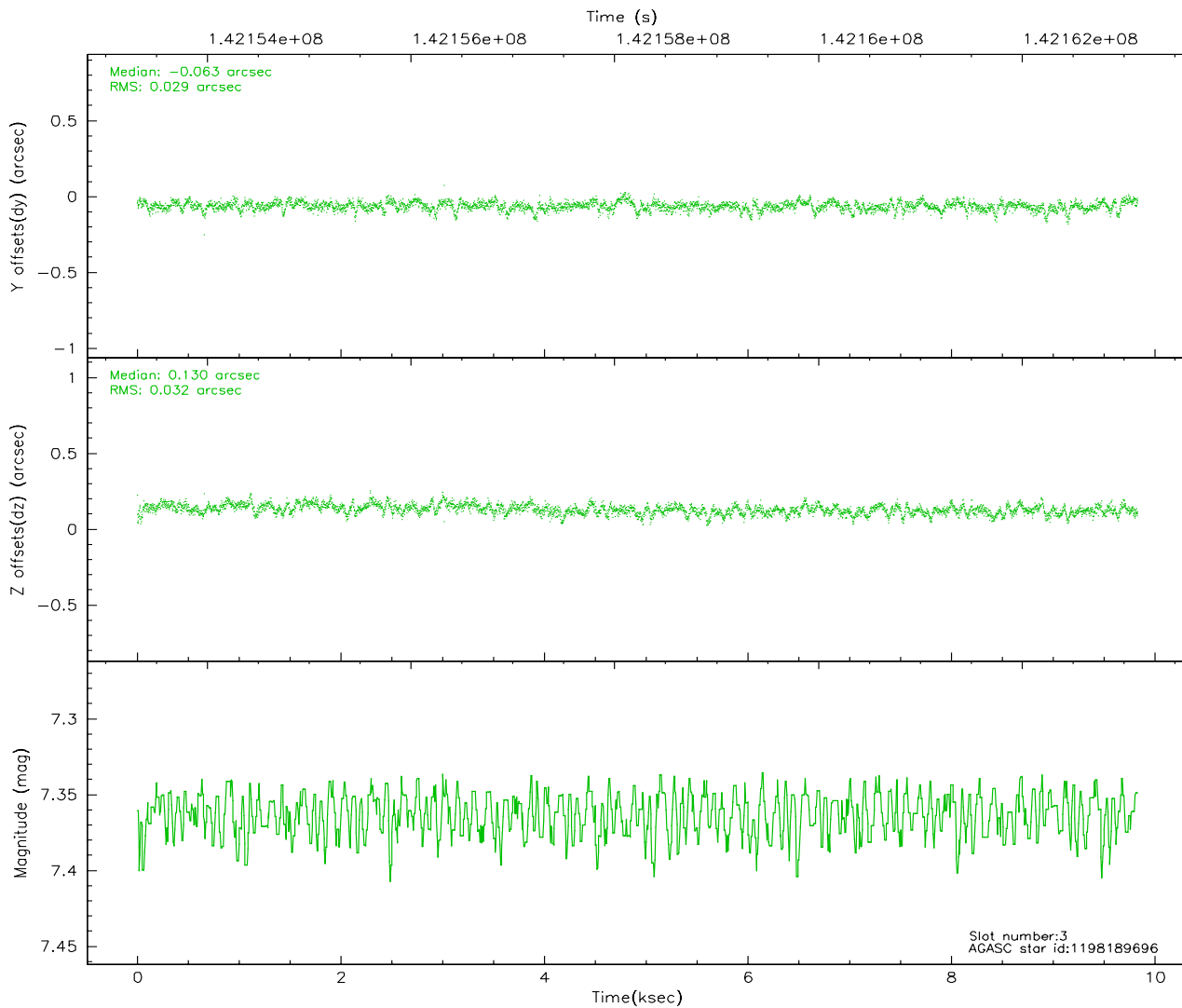
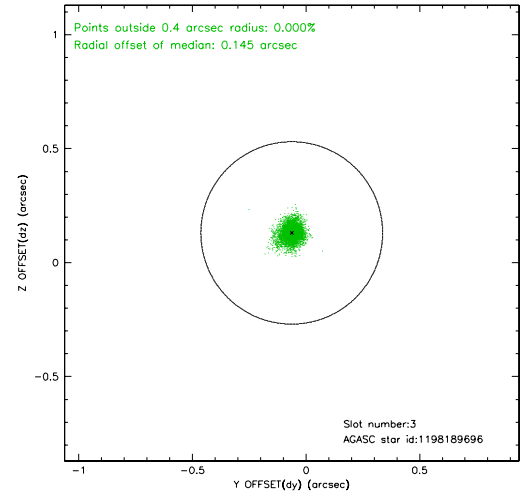
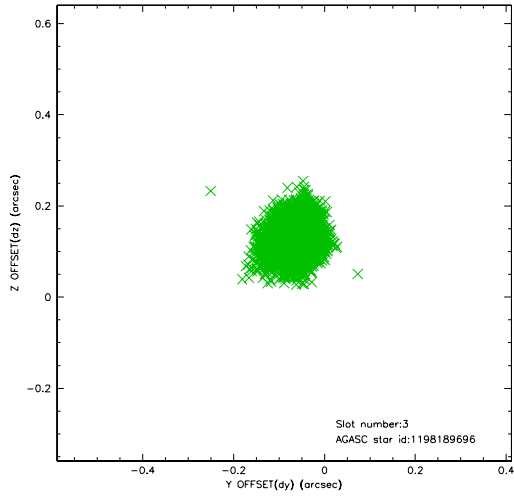


Slot Statistics

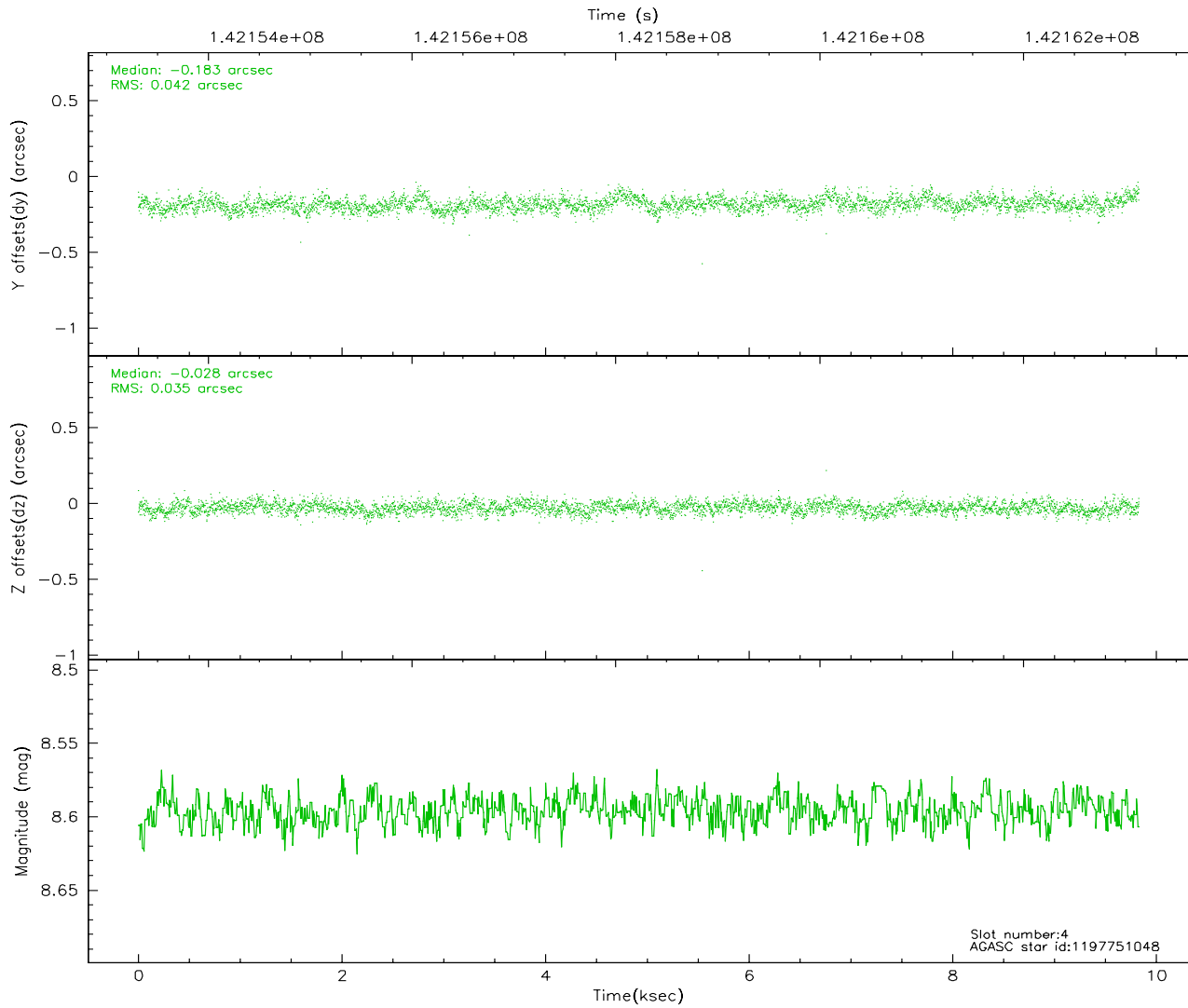
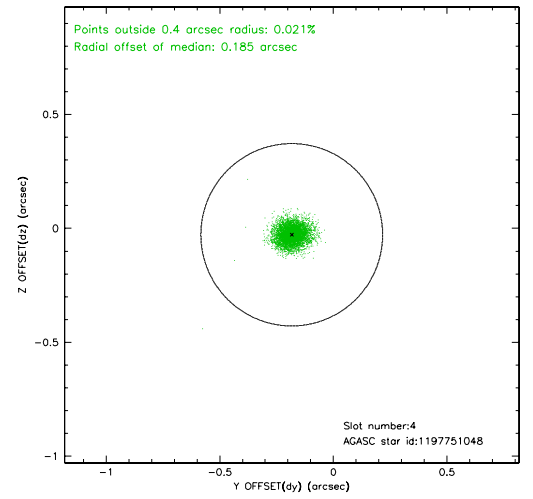
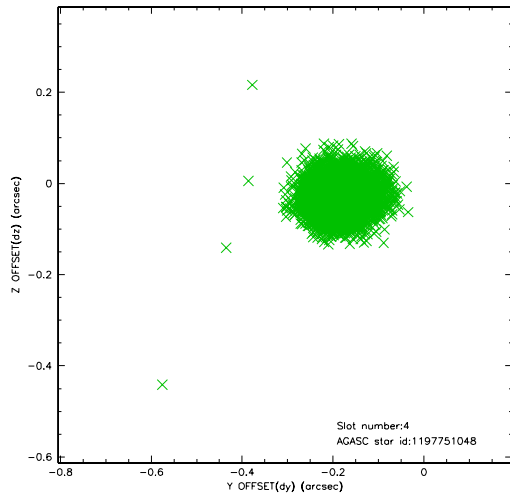
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	2399	-0.022	0.040	0.013	0.021	0.000000	0.000000	938.09	-830.24
1	FID	ACIS-I-5	7.23	2397	-0.033	0.039	0.016	0.025	0.000000	0.000000	-1809.68	1067.03
2	FID	ACIS-I-6	7.26	2396	-0.040	-0.010	0.012	0.019	0.000000	0.000000	403.09	1712.05
3	GUIDE	1198189696	7.36	4797	-0.063	0.130	0.045	0.077	15.223750	-72.697522	-186.41	-2024.25
4	GUIDE	1197751048	8.60	4798	-0.183	-0.028	0.057	0.092	12.451586	-72.130600	2244.53	685.11
5	GUIDE	1198192528	8.69	4796	0.052	-0.007	0.059	0.098	14.199975	-73.067922	-1341.04	-751.39
6	GUIDE	1198192088	9.24	4798	0.029	-0.185	0.100	0.155	11.250657	-73.229216	-1556.87	2372.71
7	GUIDE	1197740448	10.08	4791	0.165	0.093	0.130	0.211	11.121728	-72.248718	1970.93	2186.24

2.4 Star Slots

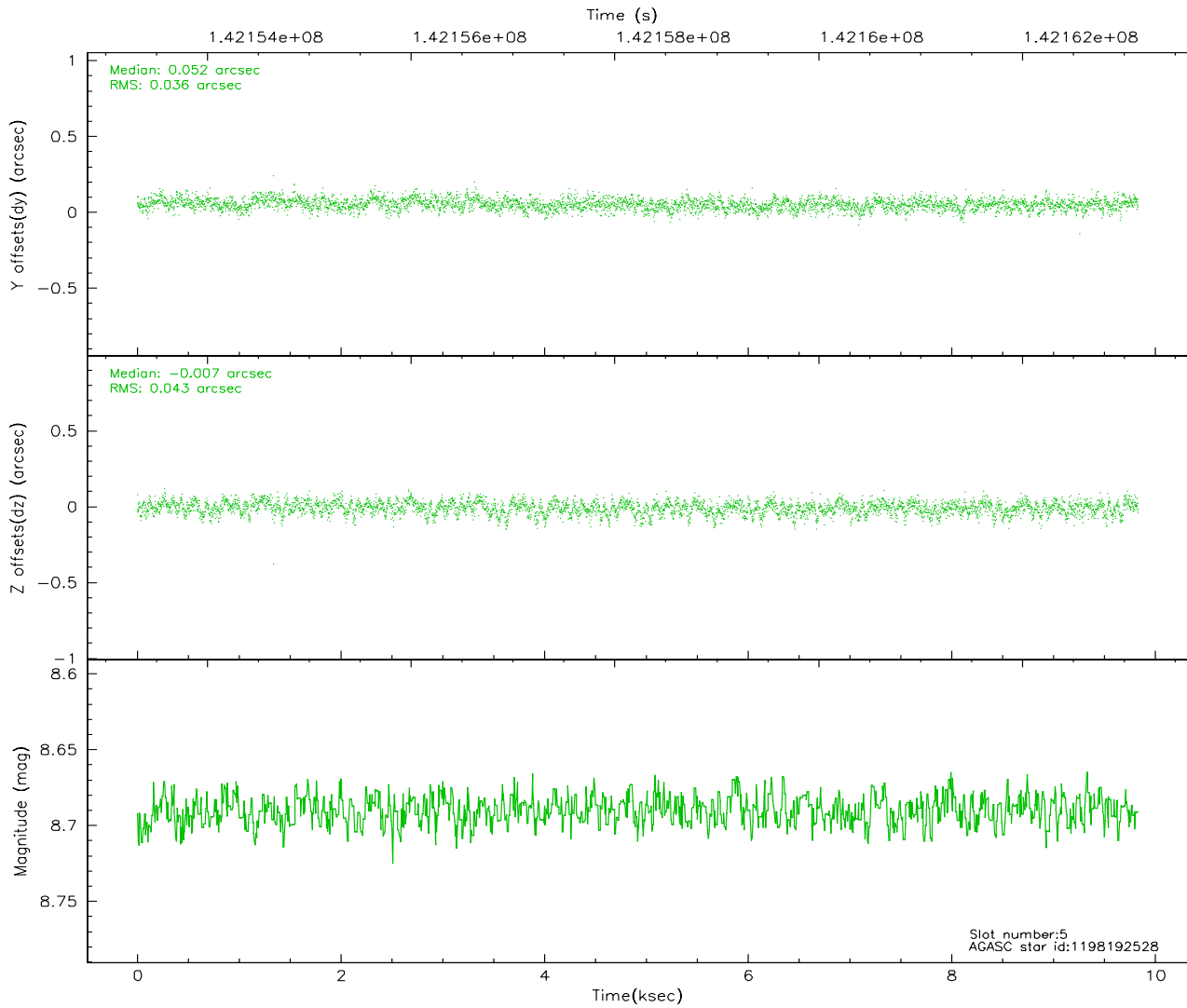
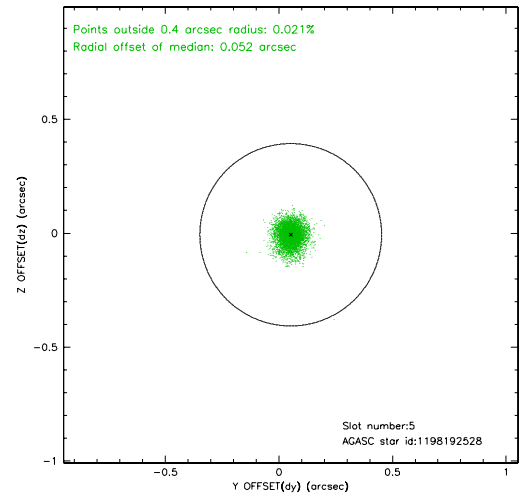
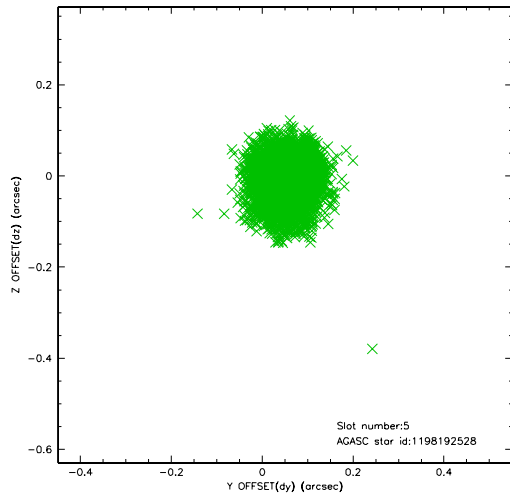
2.4.1 Slot 3



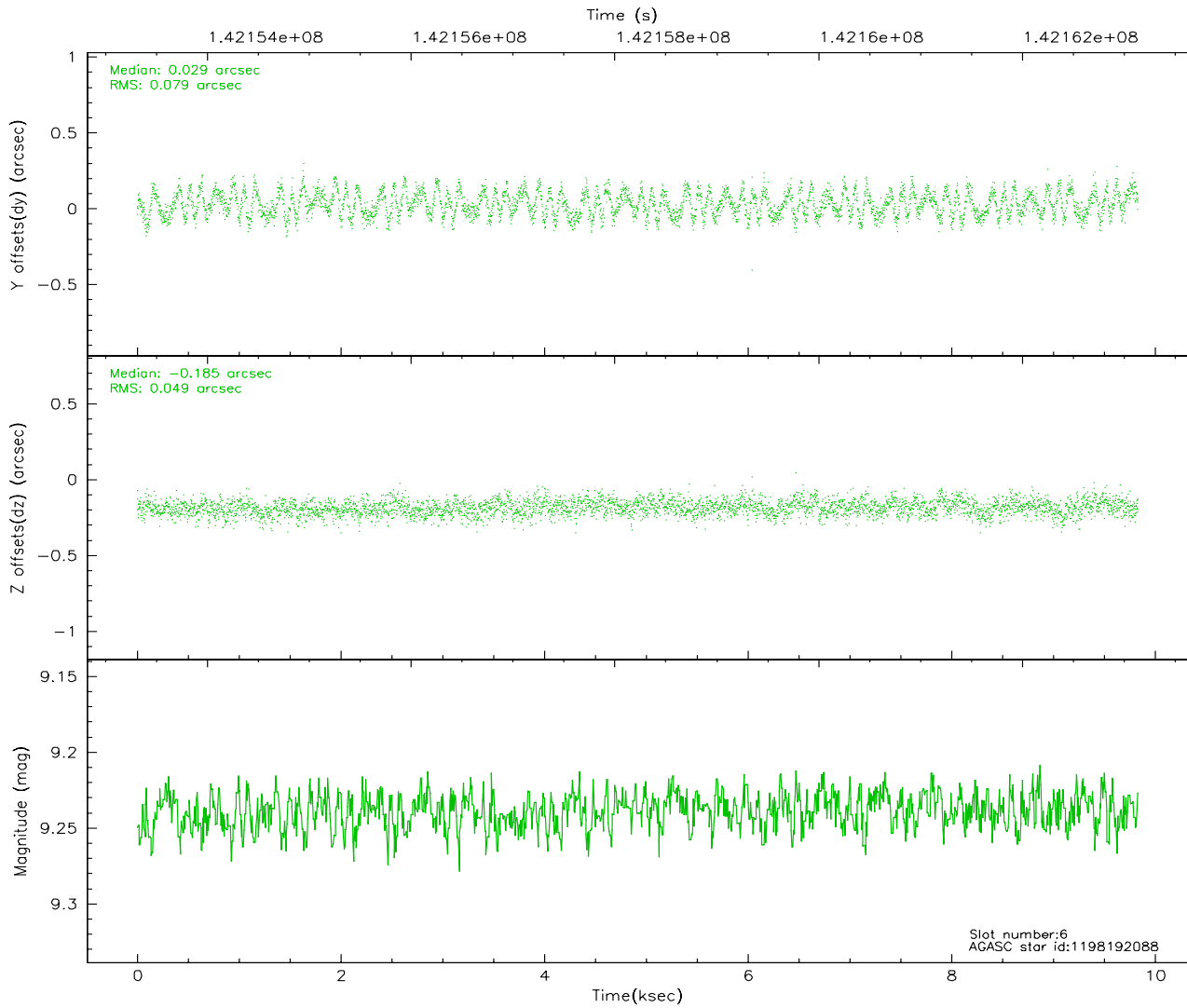
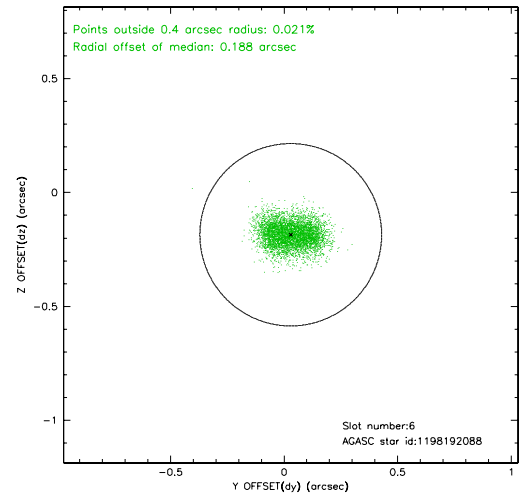
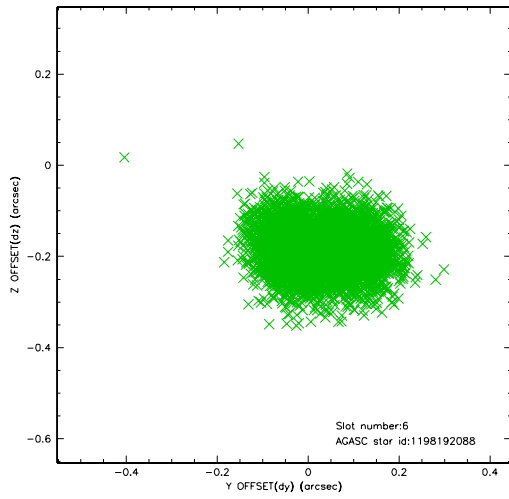
2.4.2 Slot 4



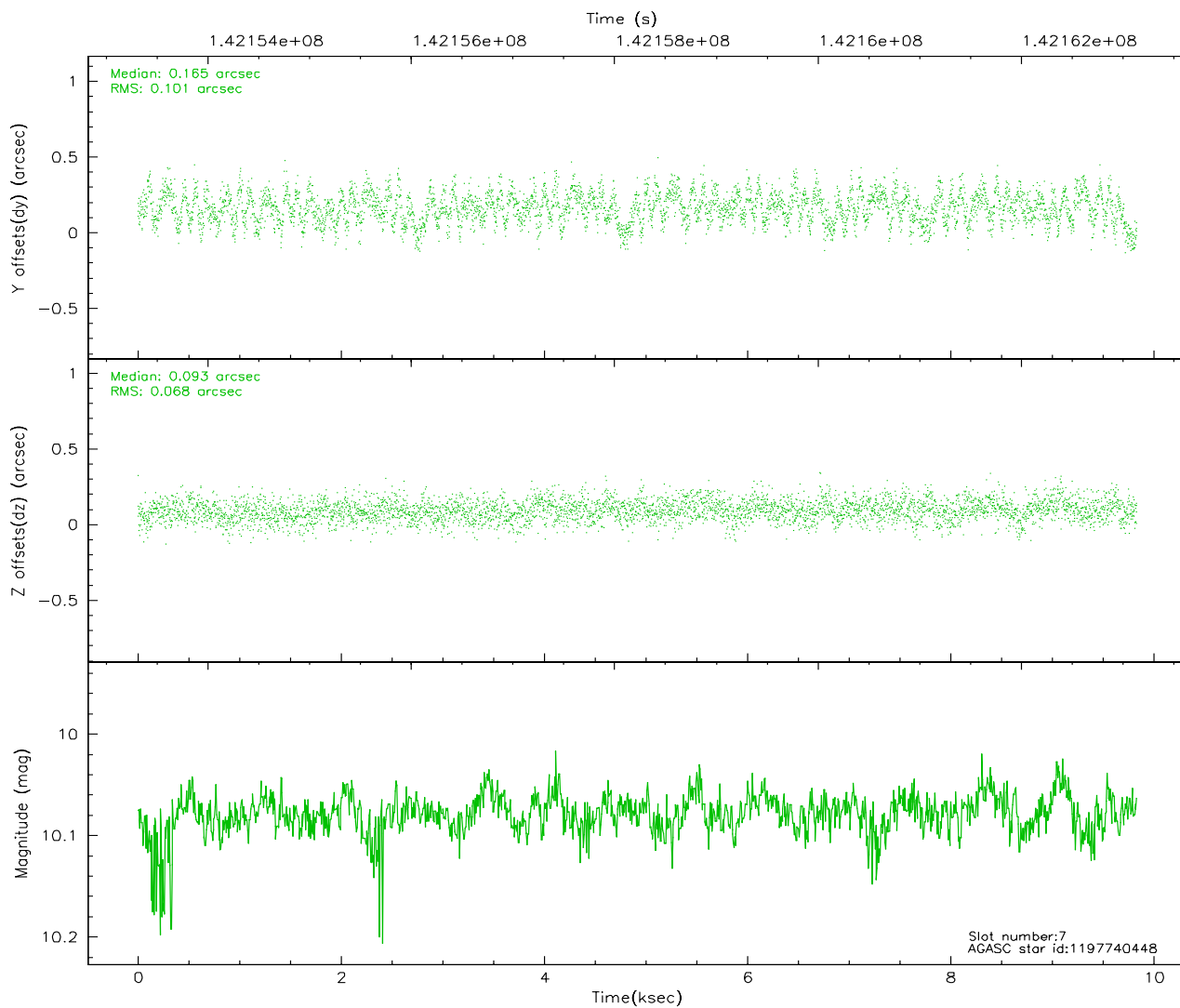
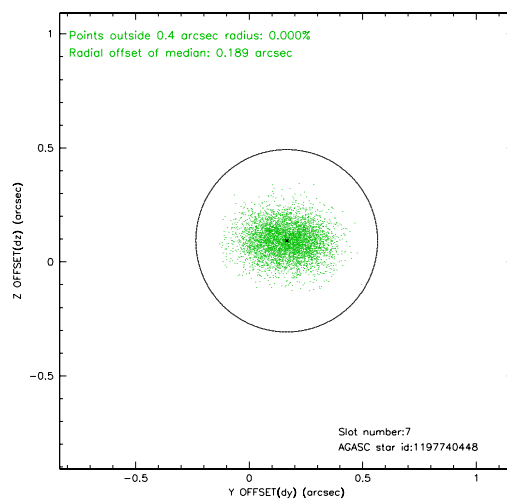
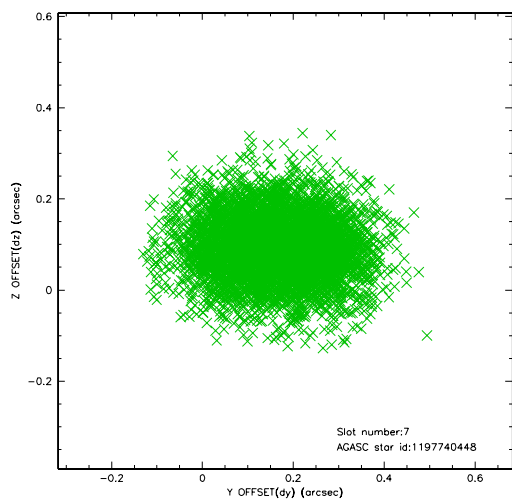
2.4.3 Slot 5



2.4.4 Slot 6

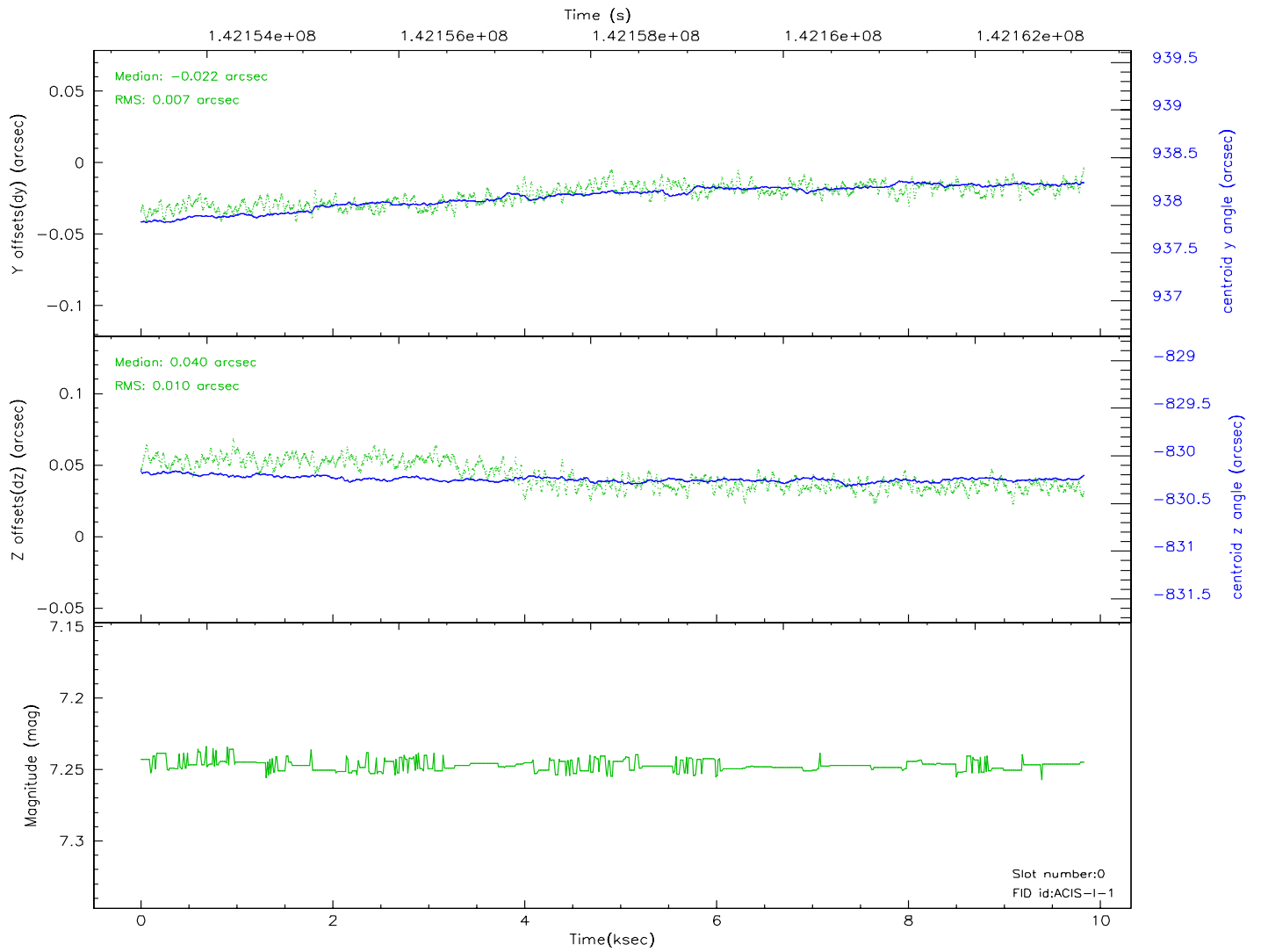
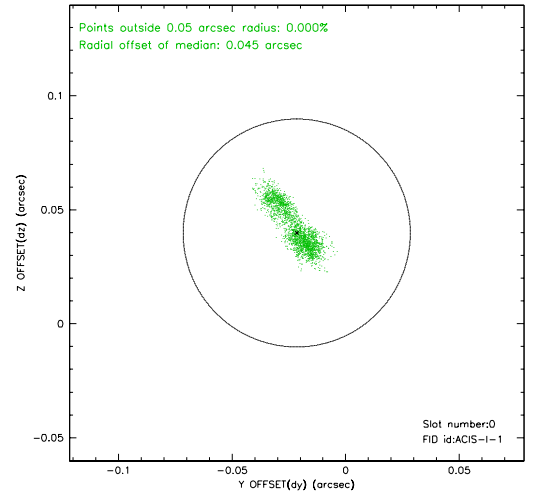
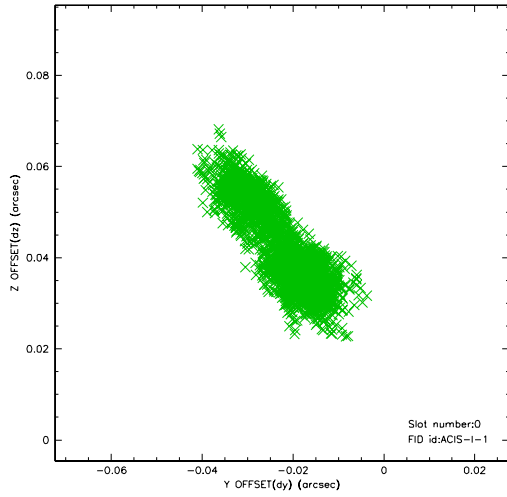


2.4.5 Slot 7

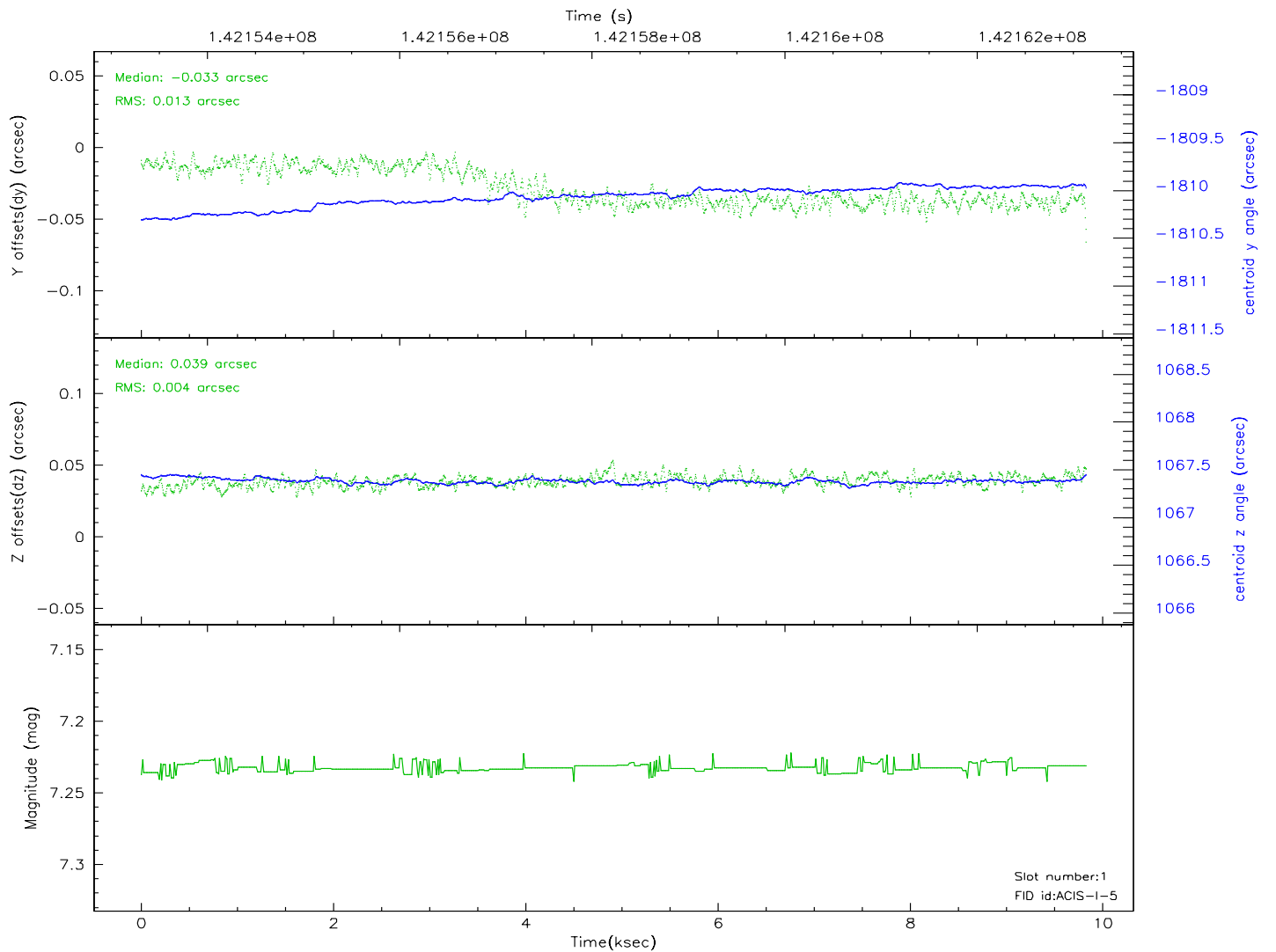
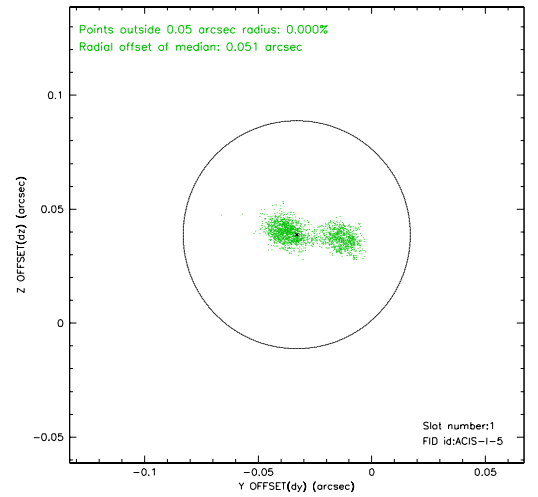
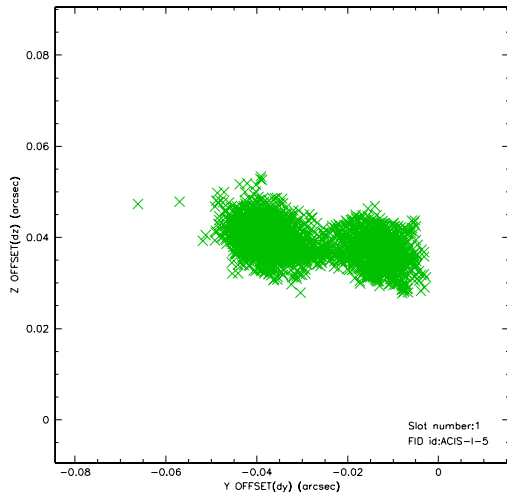


2.5 FID Slots

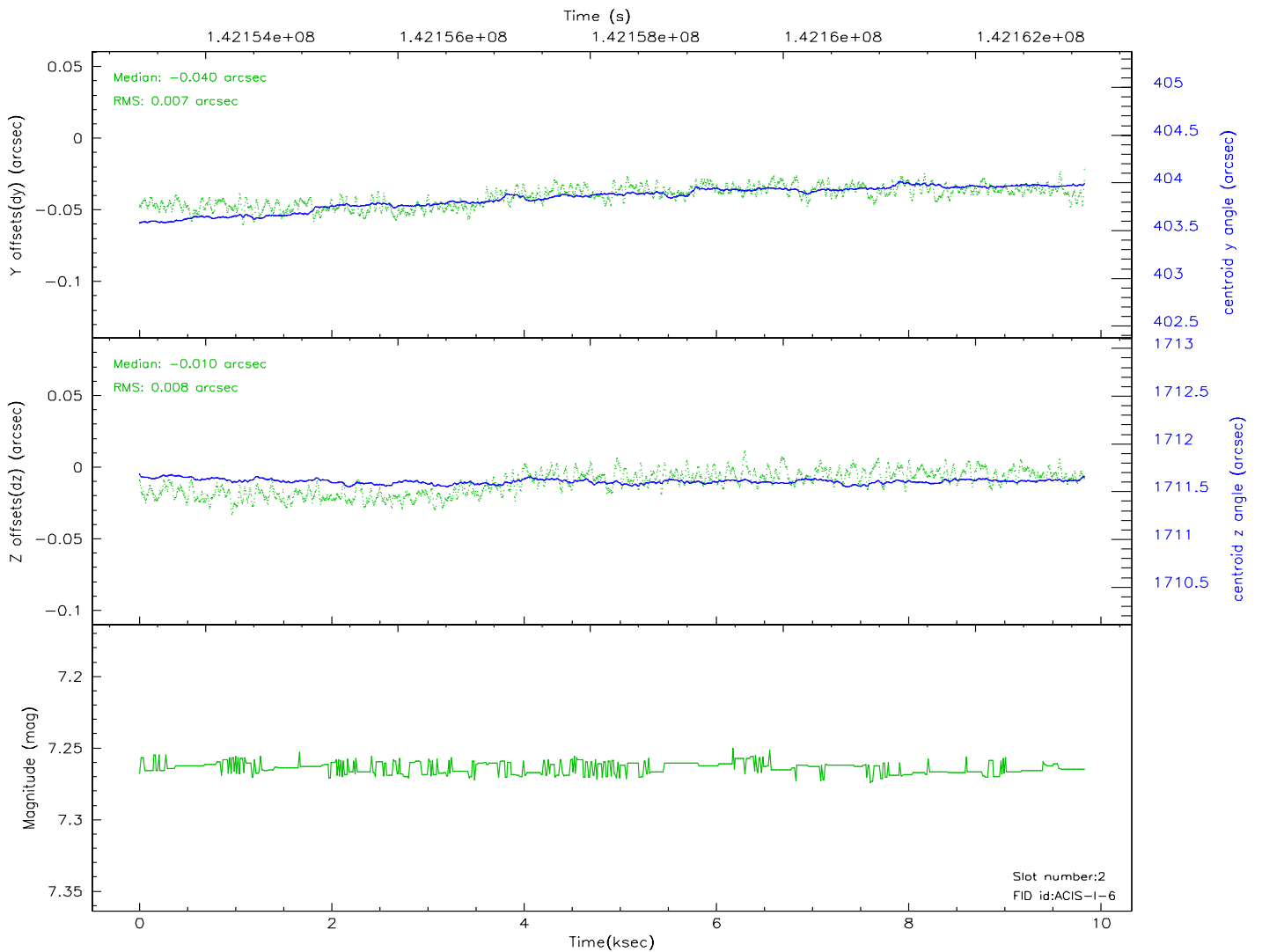
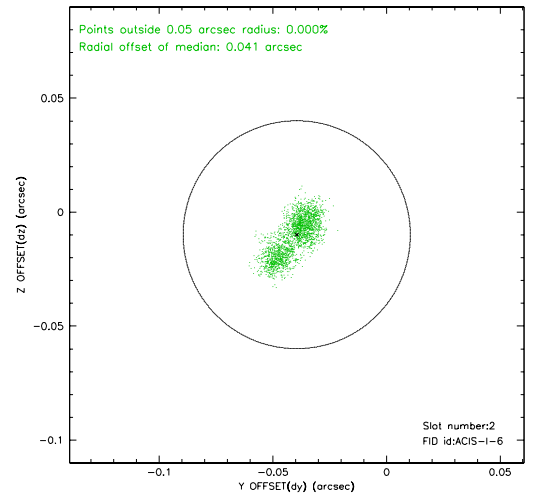
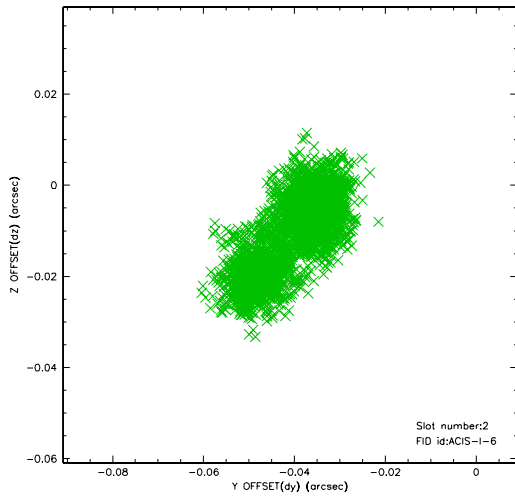
2.5.1 Slot 0



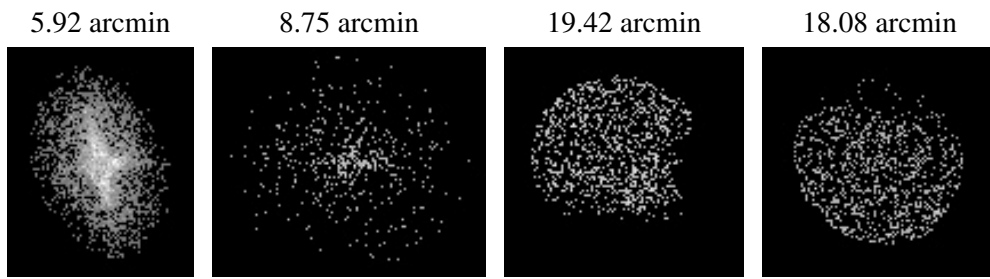
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.09.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.443

A.2 Comments