

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2980 - L2 Version 001
Chandra X-Ray Center

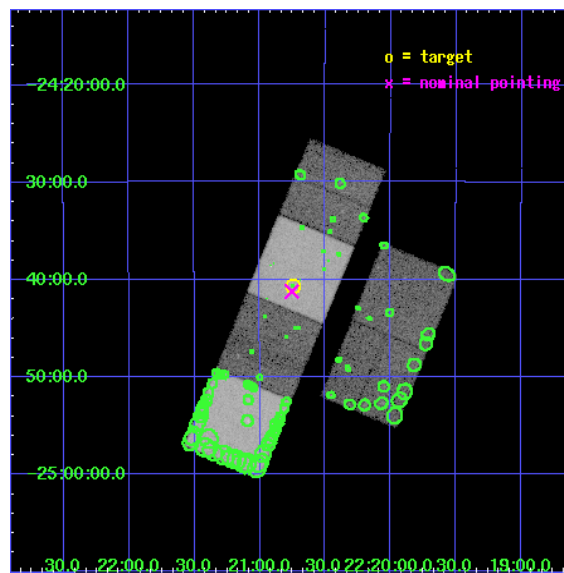
L2 Processing Date : Jan 12 2007

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1 Front

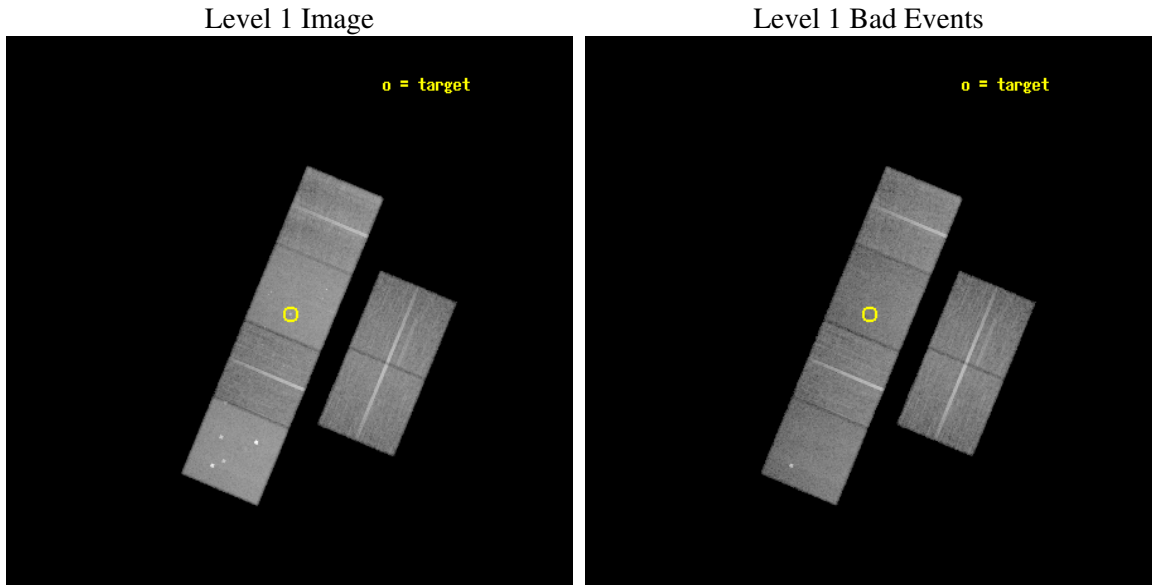
seq_num	700419
obs_id	2980
title	COLLIDING GALAXIES
observer	Professor Gordon Garmire
object	NGC 7252 ALTERNATE
dtcycle	0
cycle	P
ra_targ	335.186562
dec_targ	-24.678286
ra_nom	335.1886427869
dec_nom	-24.687330019781
roll_nom	292.54083811408
revision	2
ontime	28953.600026965
livetime	28586.972109659
ontime2	28943.877146229
ontime3	28953.600026965
ontime5	28953.600026965
ontime6	28953.600026965
ontime7	28953.600026965
ontime8	28953.600026965
l2events	341951



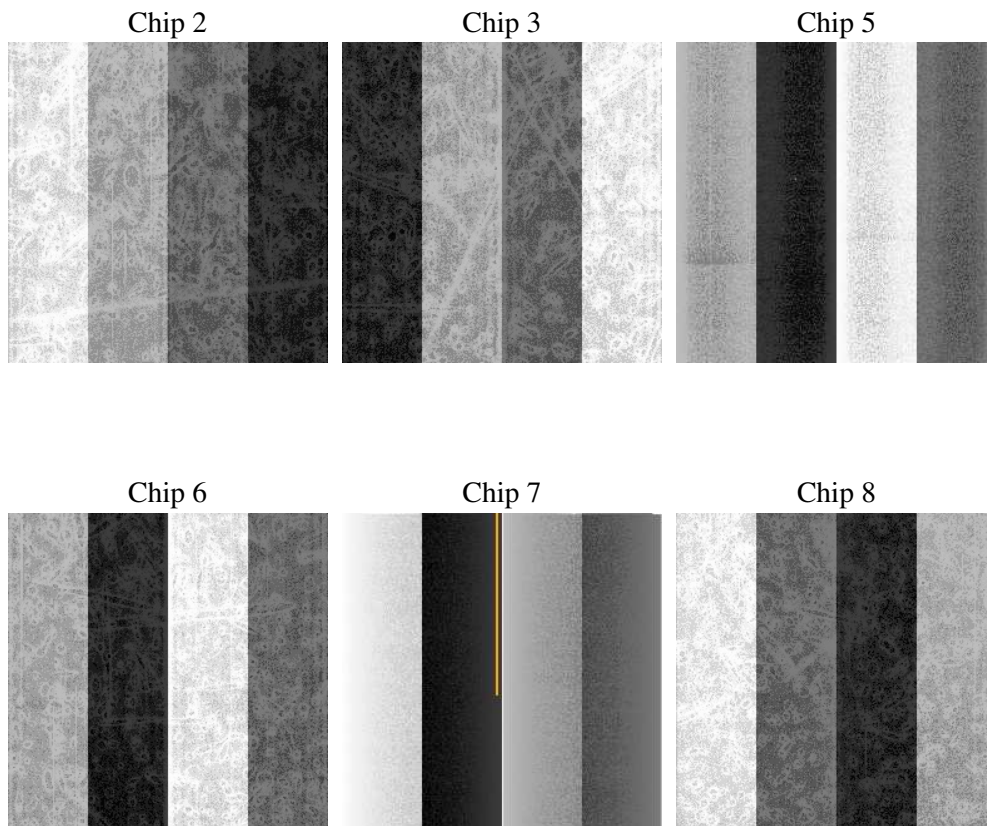
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.3.0
date	2007-01-12T08:52:17
revision	2

sched_exp_time	28839.013000
ontime	28953.600026965
ontime2	28943.877146229
ontime3	28953.600026965
ontime5	28953.600026965
ontime6	28953.600026965
ontime7	28953.600026965
ontime8	28953.600026965
l1events	1443911

2.1.4 Events

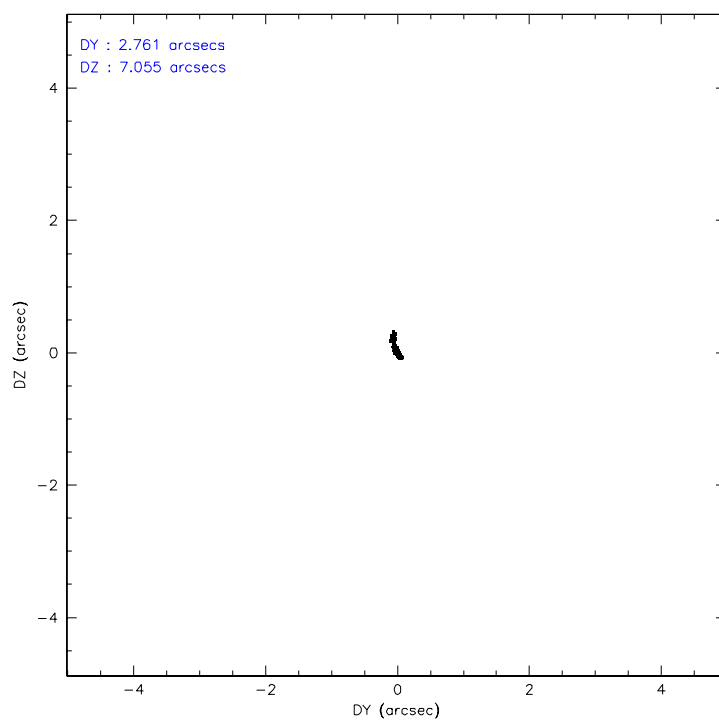
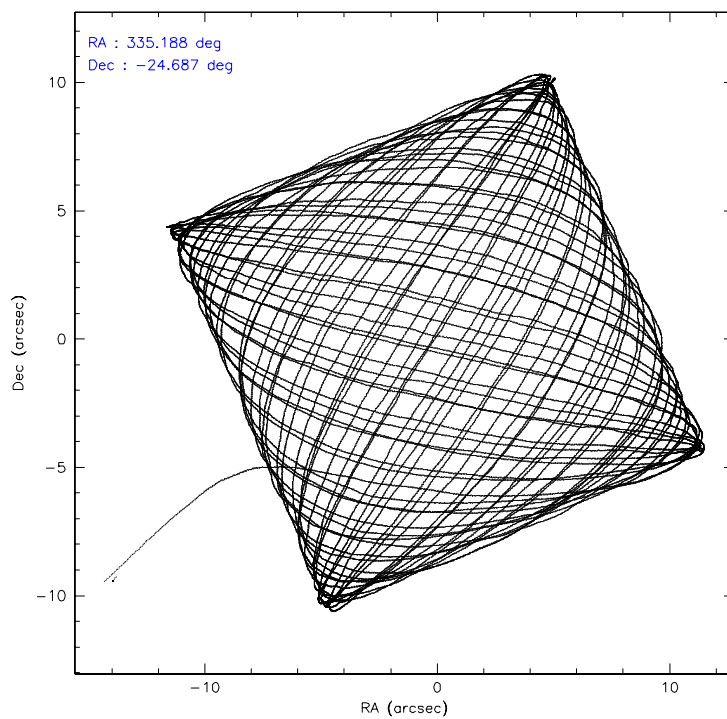
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	207828	192171	312588	203915	279246	248163
rejected events	184759	169979	160085	179998	154648	196796
rejected %	88%	88%	51%	88%	55%	79%

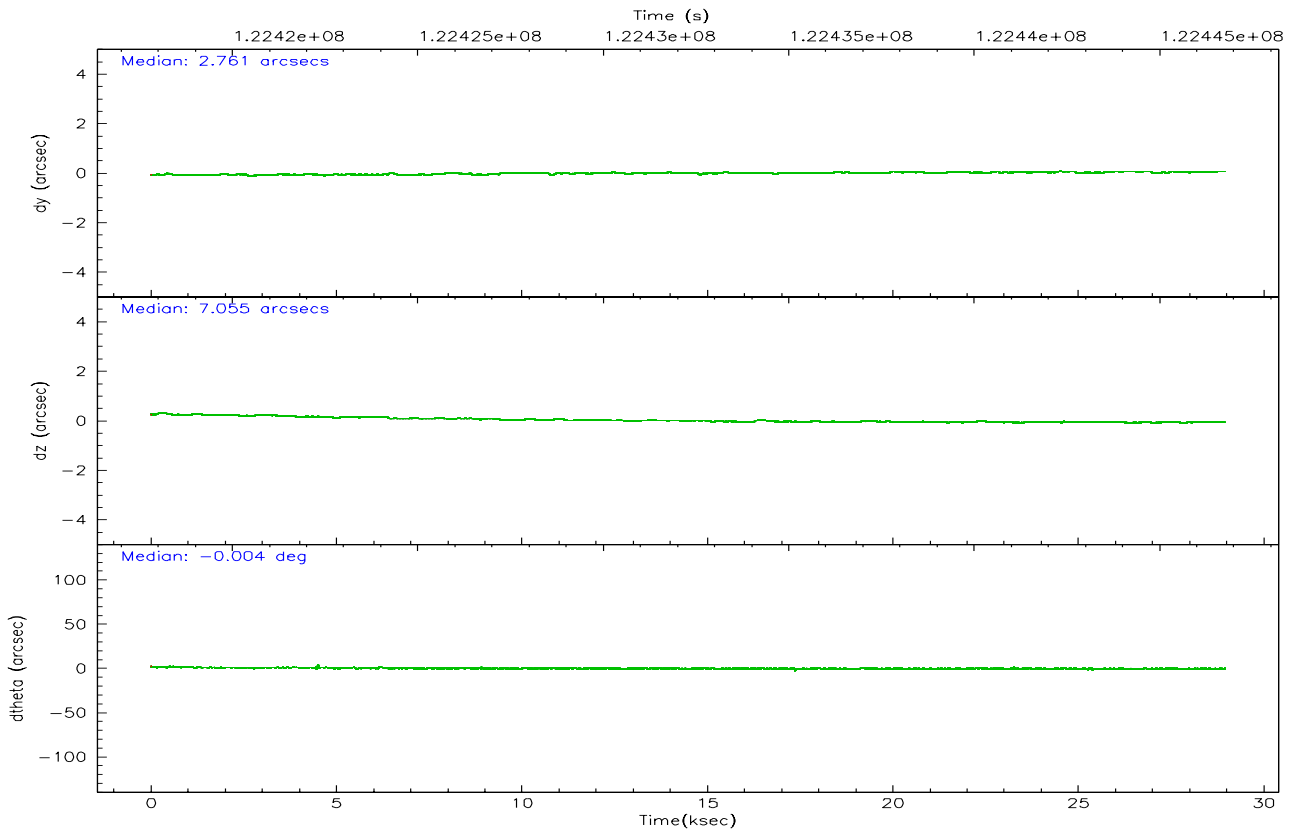
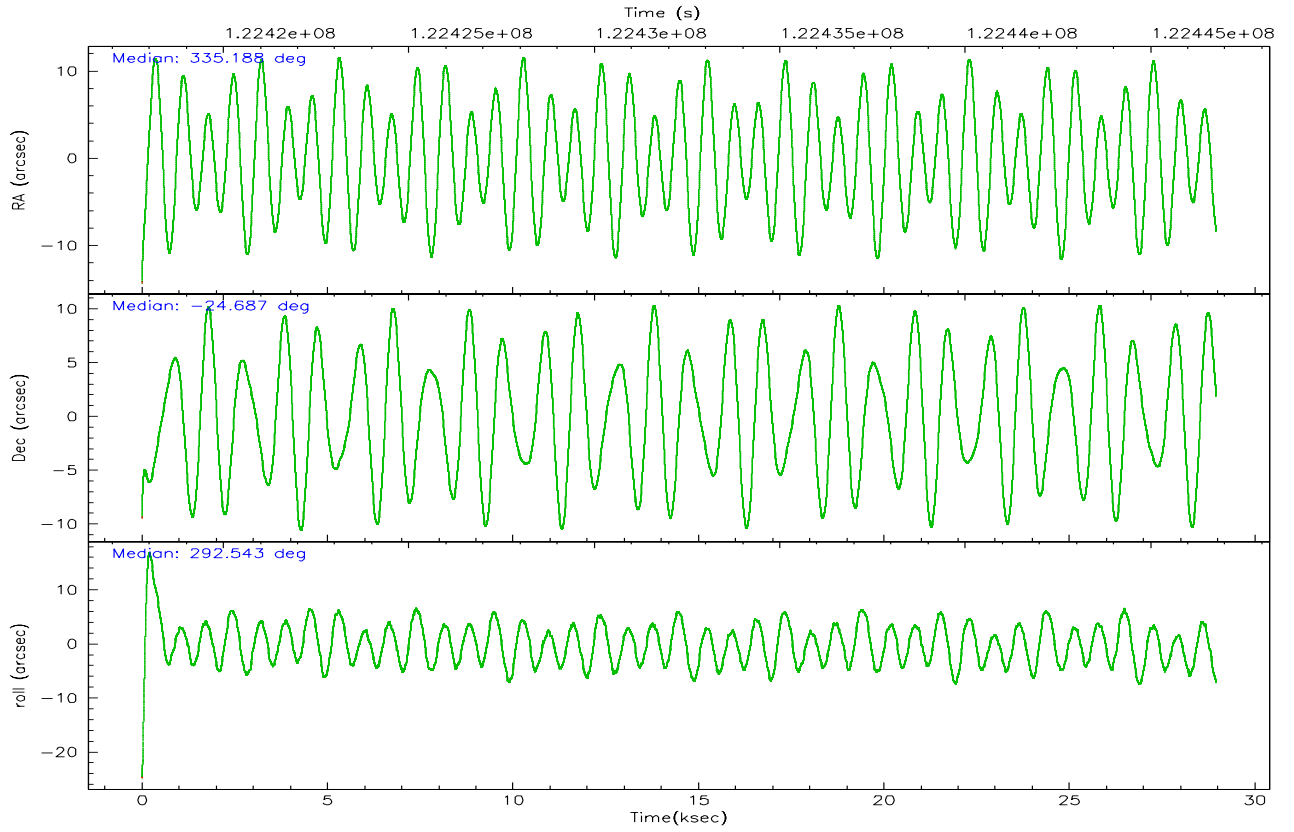
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	10319	9916	23977	10418	13425	16876
	4%	5%	7%	5%	4%	6%
grade 1 events	103	97	366	89	251	150
	0%	0%	0%	0%	0%	0%
grade 2 events	5129	4555	43650	4957	25017	11029
	2%	2%	13%	2%	8%	4%
grade 3 events	2134	2049	7864	2327	11407	5792
	1%	1%	2%	1%	4%	2%
grade 4 events	2161	2164	6471	2254	11192	5450
	1%	1%	2%	1%	4%	2%
grade 5 events	7129	7949	22820	8552	24520	10649
	3%	4%	7%	4%	8%	4%
grade 6 events	4061	4174	74840	4733	66852	13525
	1%	2%	23%	2%	23%	5%
grade 7 events	176792	161267	132600	170585	126582	184692
	85%	83%	42%	83%	45%	74%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	335.164617	335.1886427868975	Subarray requested	NONE	NONE
Pointing Dec	-24.671002	-24.68733001978114	Alternating exposures requested	N	N
Pointing Roll	292.374194	292.5408381140815	Primary exposure time	0.000000	3.2
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	122417927.184000	122416433.42161			
Observation start date	2001-11-17T20:57:43	2001-11-17T20:33:53			
Observation end time	122446766.184000	122447080.41033			
Observation end date	2001-11-18T04:58:22	2001-11-18T05:04:40			
Read mode	TIMED	TIMED			

2.3 Aspect



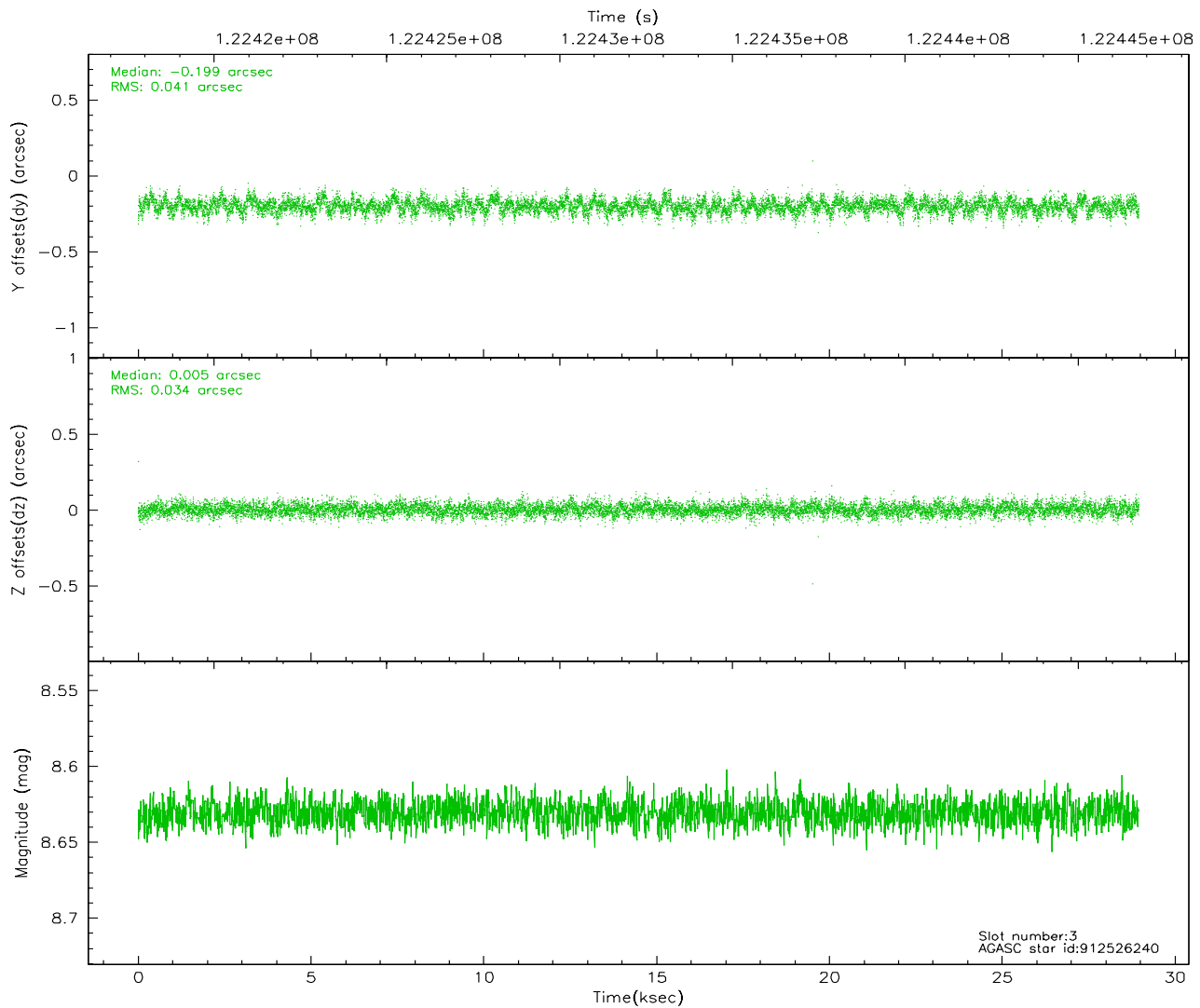
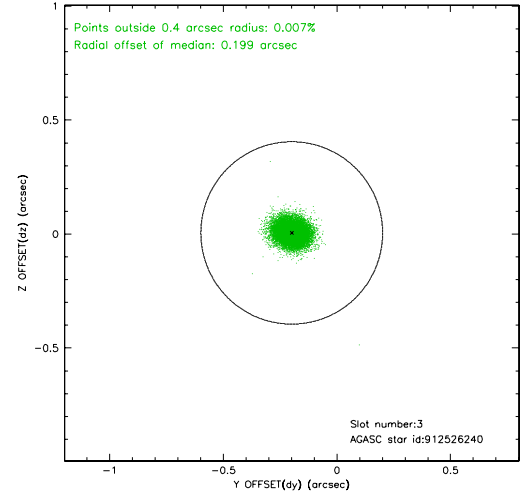
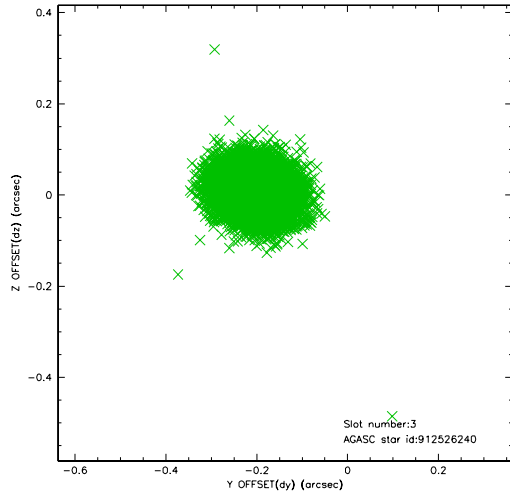


Slot Statistics

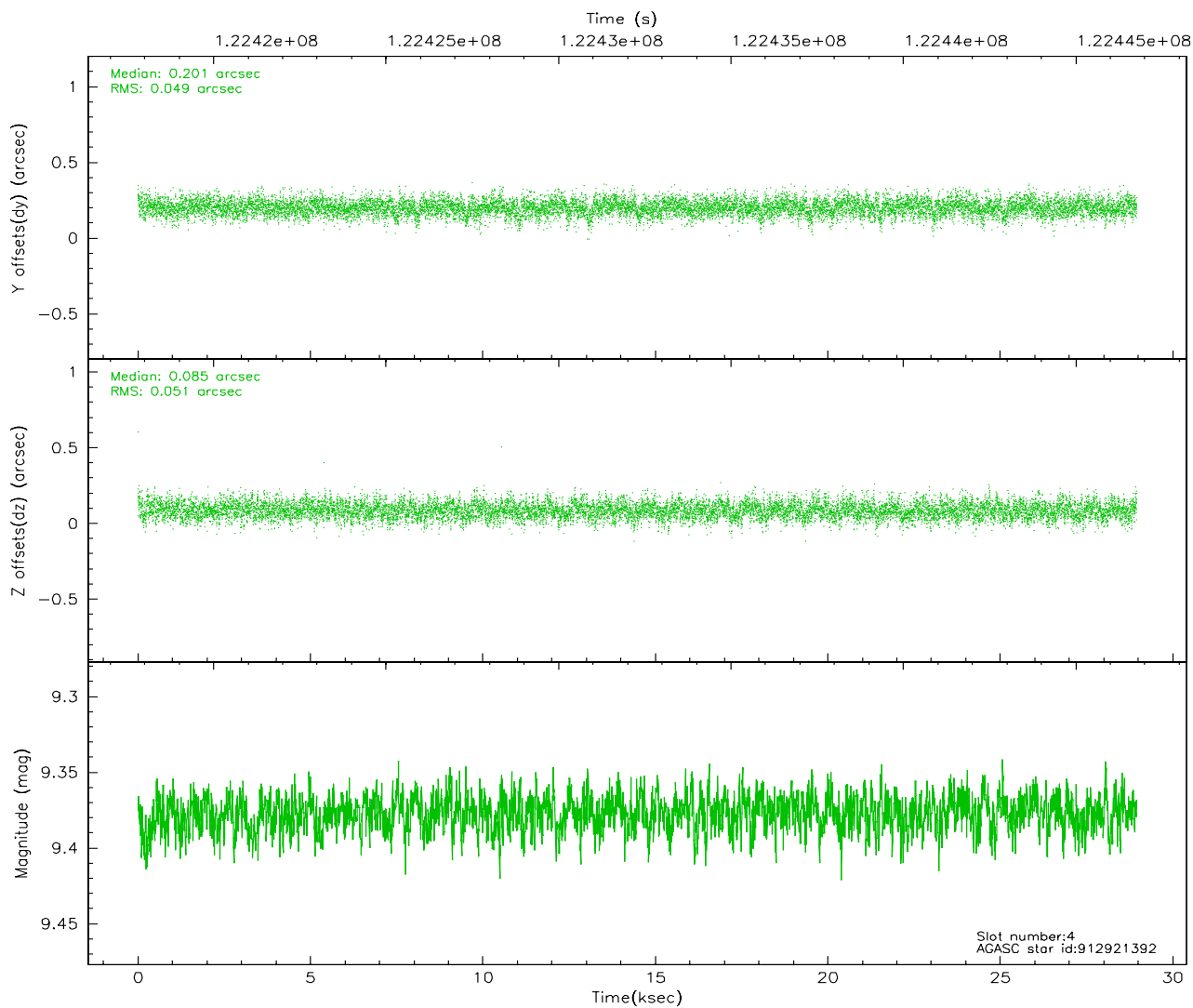
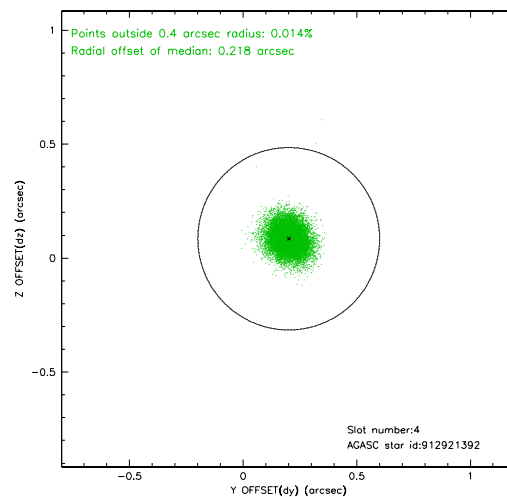
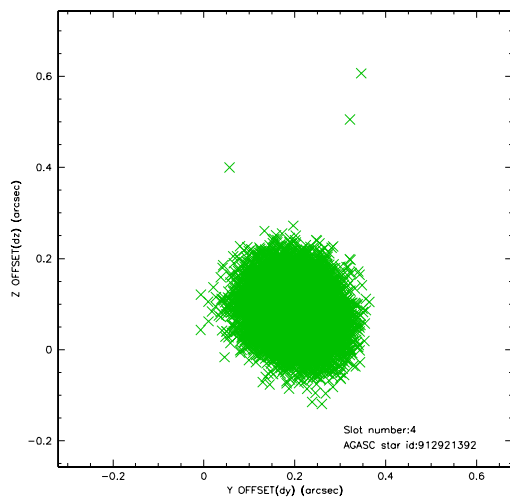
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	7064	-0.004	0.035	0.007	0.013	0.000000	0.000000	-755.39	-1728.17
1	FID	ACIS-S-4	7.20	7063	-0.087	-0.008	0.007	0.013	0.000000	0.000000	2157.76	180.19
2	FID	ACIS-S-5	7.24	7063	0.059	-0.018	0.006	0.011	0.000000	0.000000	-1808.07	173.94
3	GUIDE	912526240	8.63	14124	-0.199	0.005	0.056	0.092	334.964924	-24.088861	-2186.01	191.49
4	GUIDE	912921392	9.38	14117	0.201	0.085	0.075	0.122	335.310837	-25.130419	1712.57	-188.17
5	GUIDE	912532896	9.18	14115	-0.037	-0.036	0.070	0.114	334.919423	-24.639725	-407.34	-698.67
6	GUIDE	912921120	9.05	14125	0.171	-0.072	0.071	0.113	335.195251	-25.115319	1518.75	-516.04
7	GUIDE	911614424	8.88	14122	-0.132	0.019	0.064	0.103	334.652919	-24.343031	-1726.41	-1103.01

2.4 Star Slots

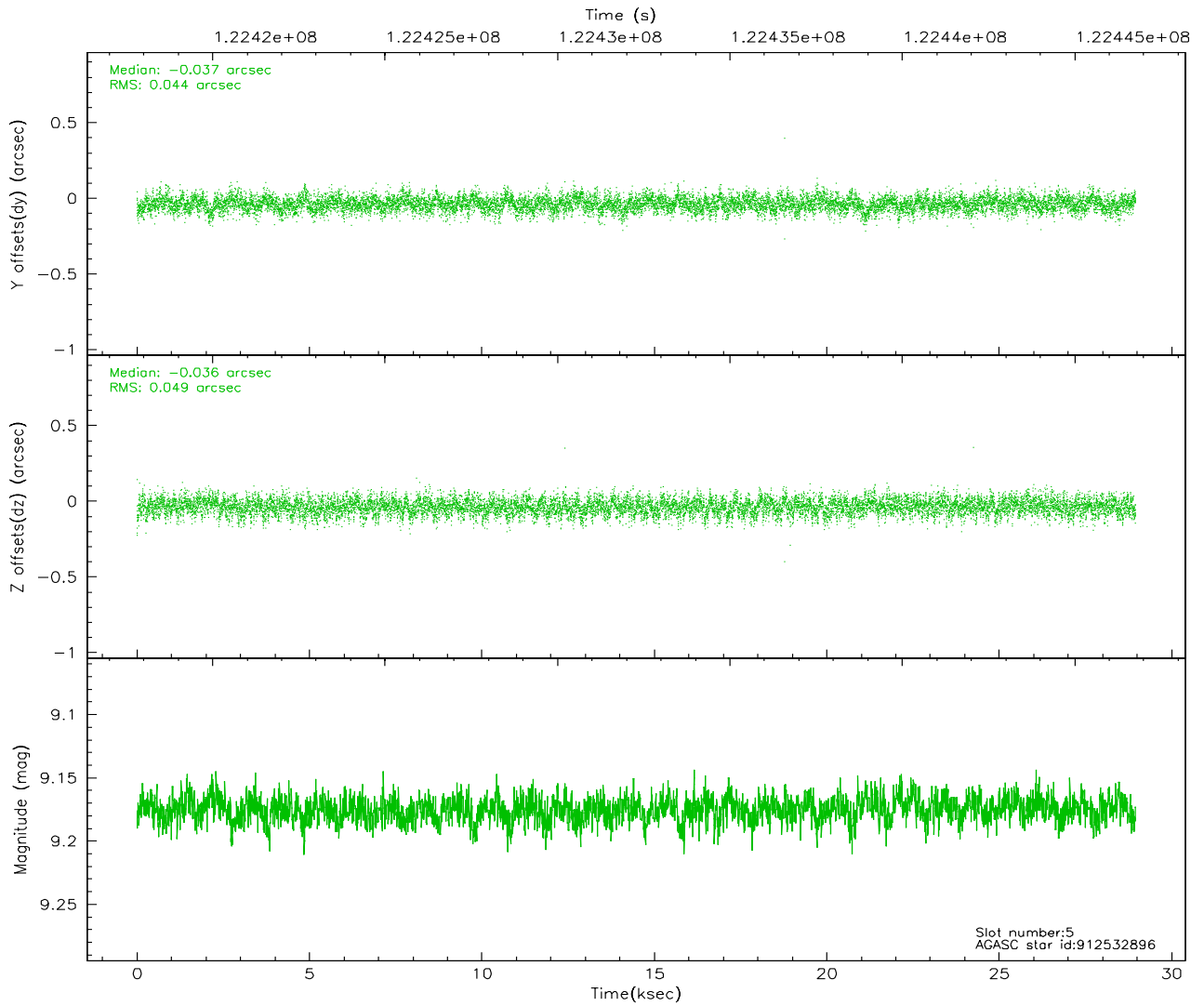
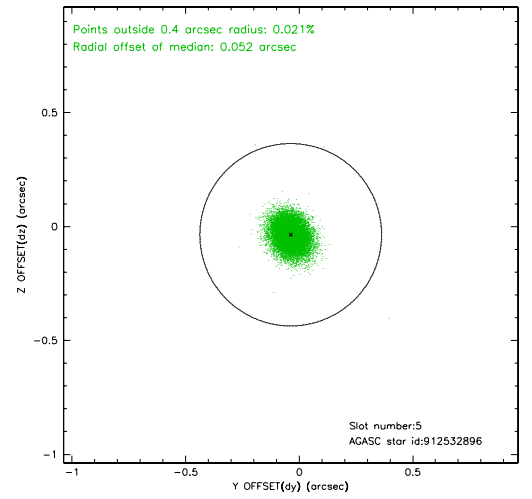
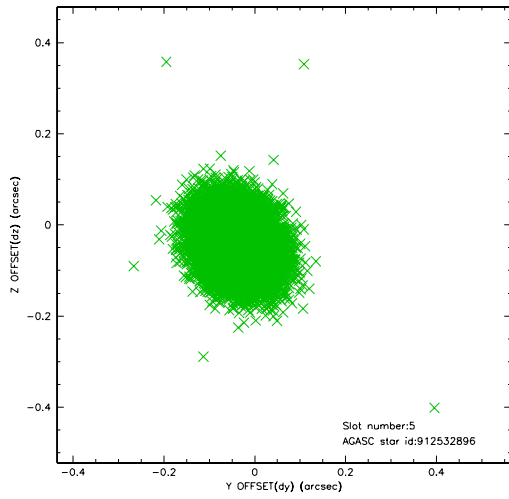
2.4.1 Slot 3



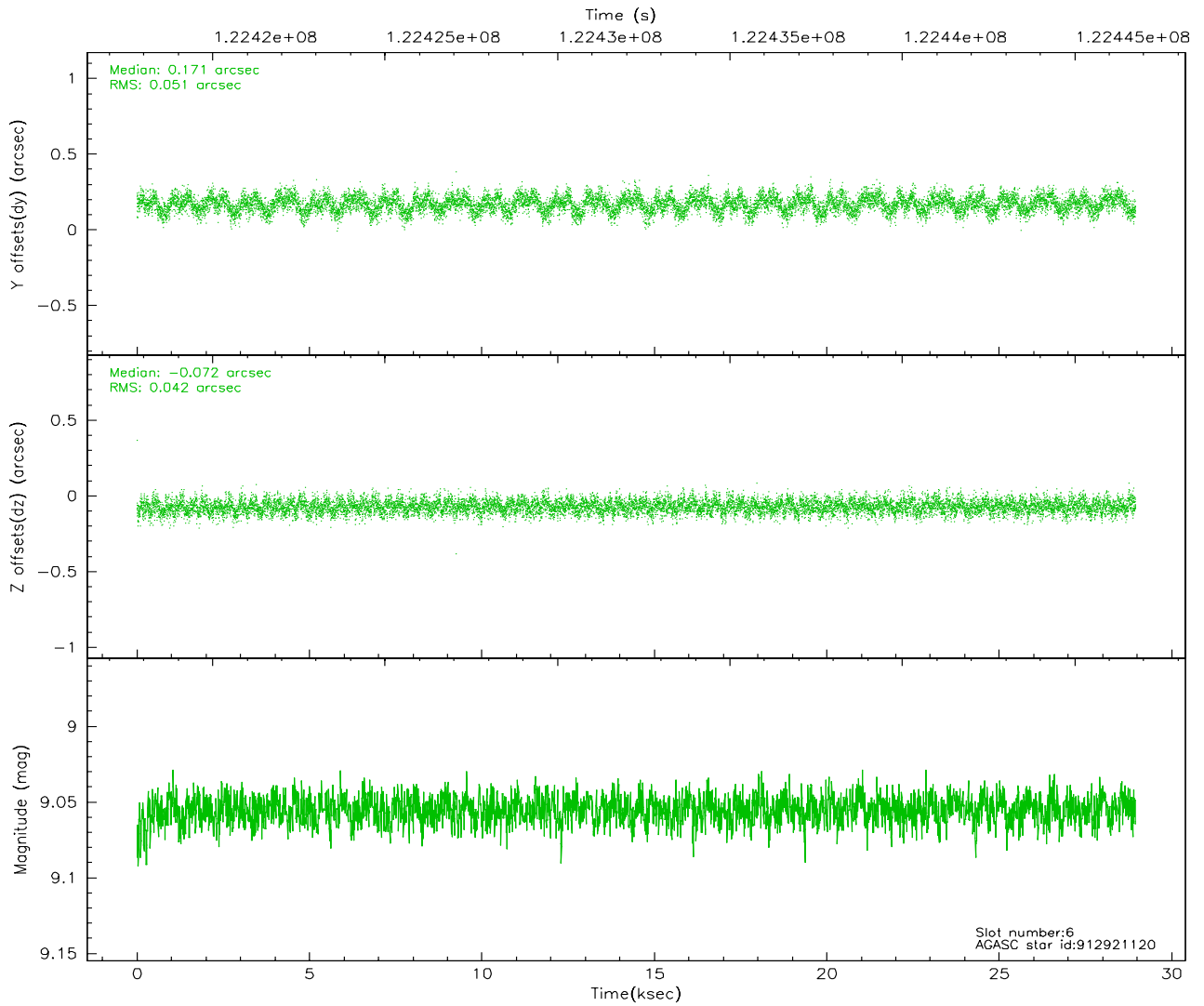
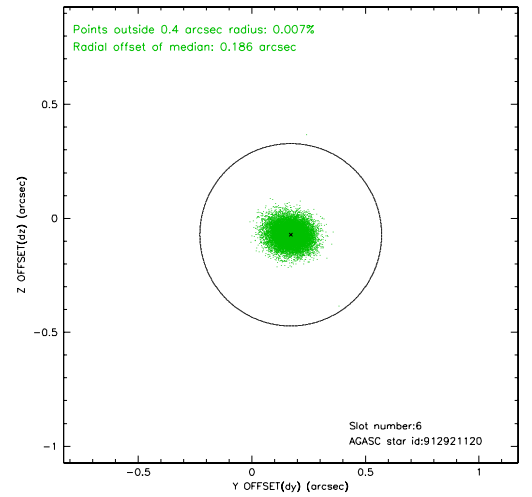
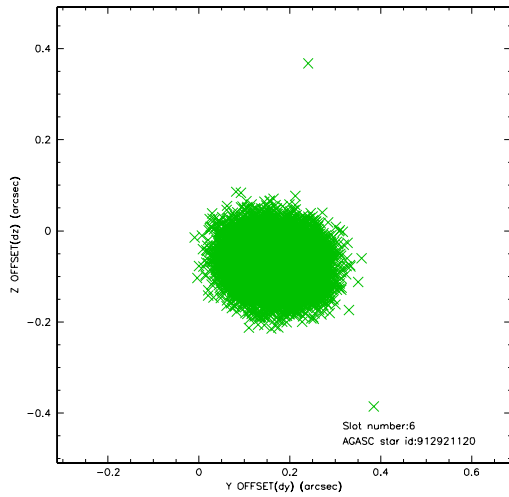
2.4.2 Slot 4



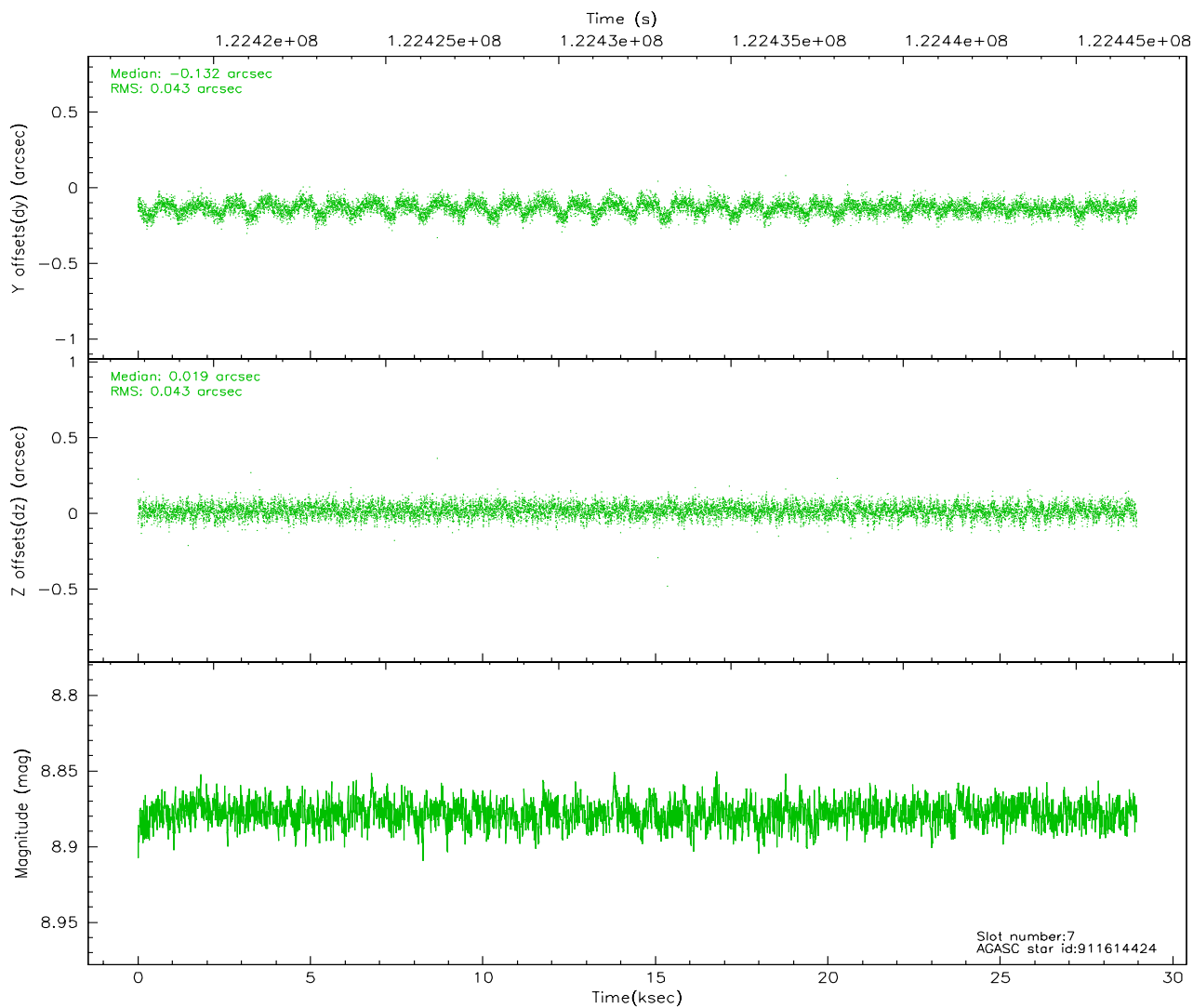
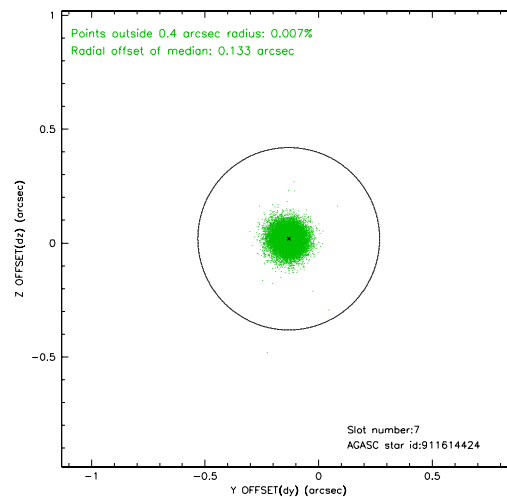
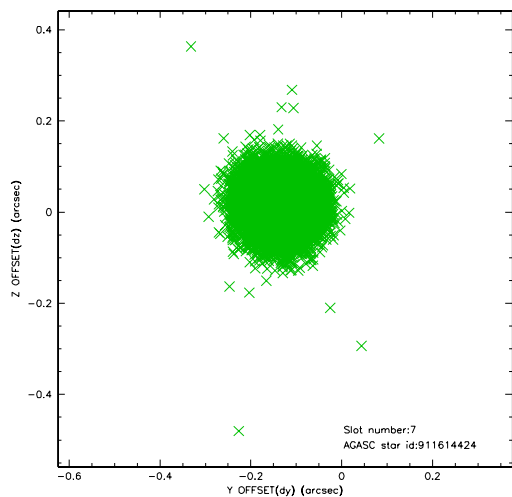
2.4.3 Slot 5



2.4.4 Slot 6

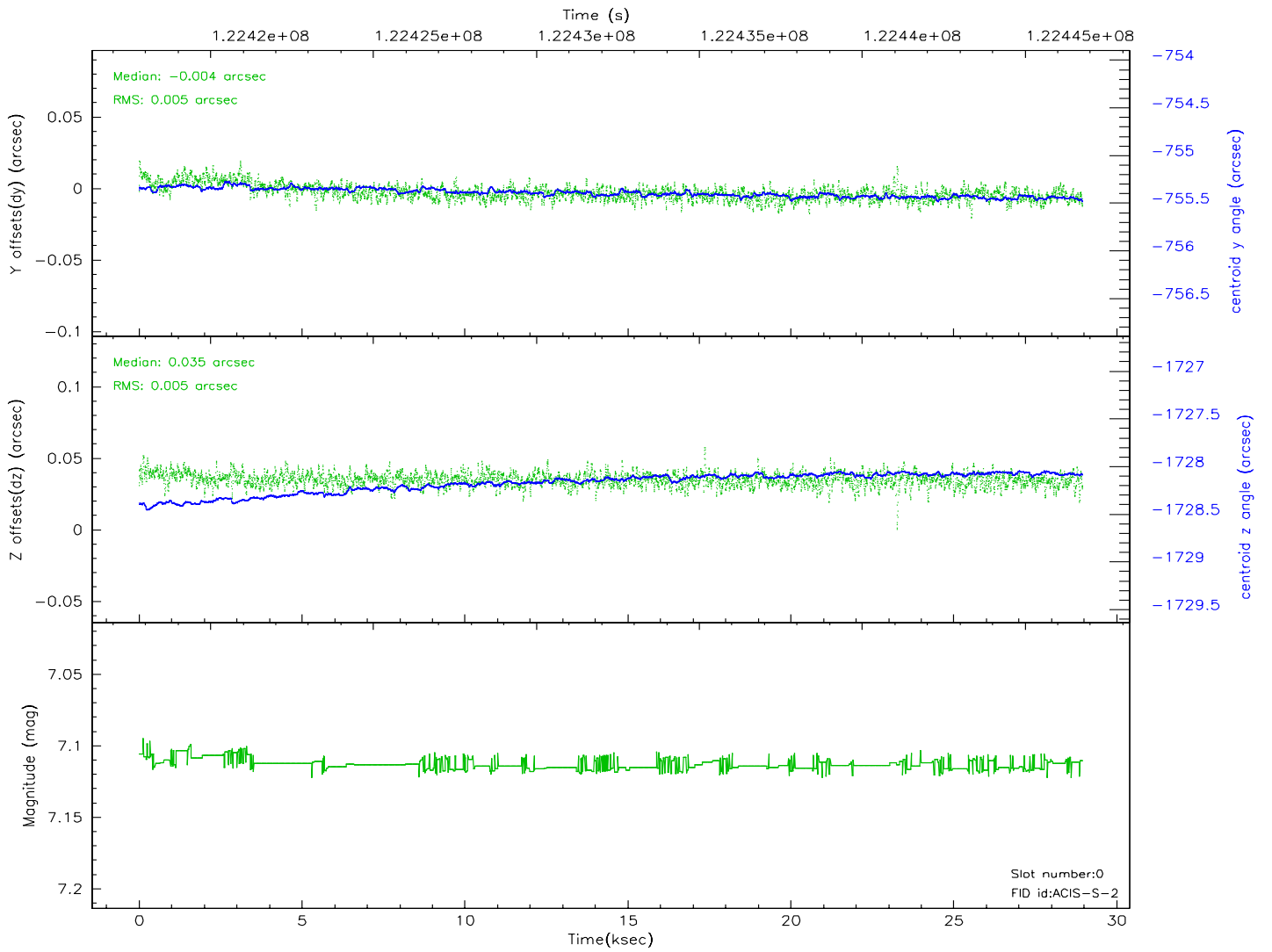
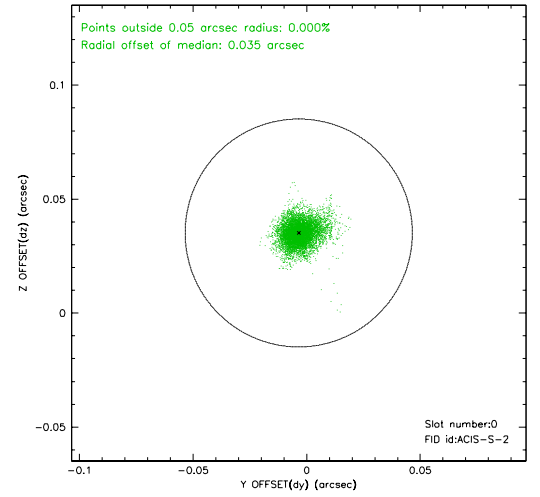
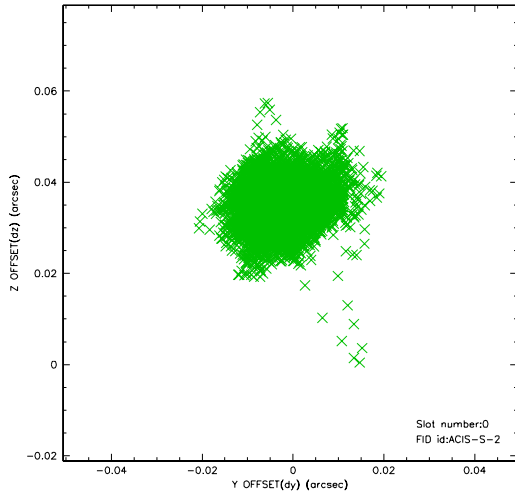


2.4.5 Slot 7

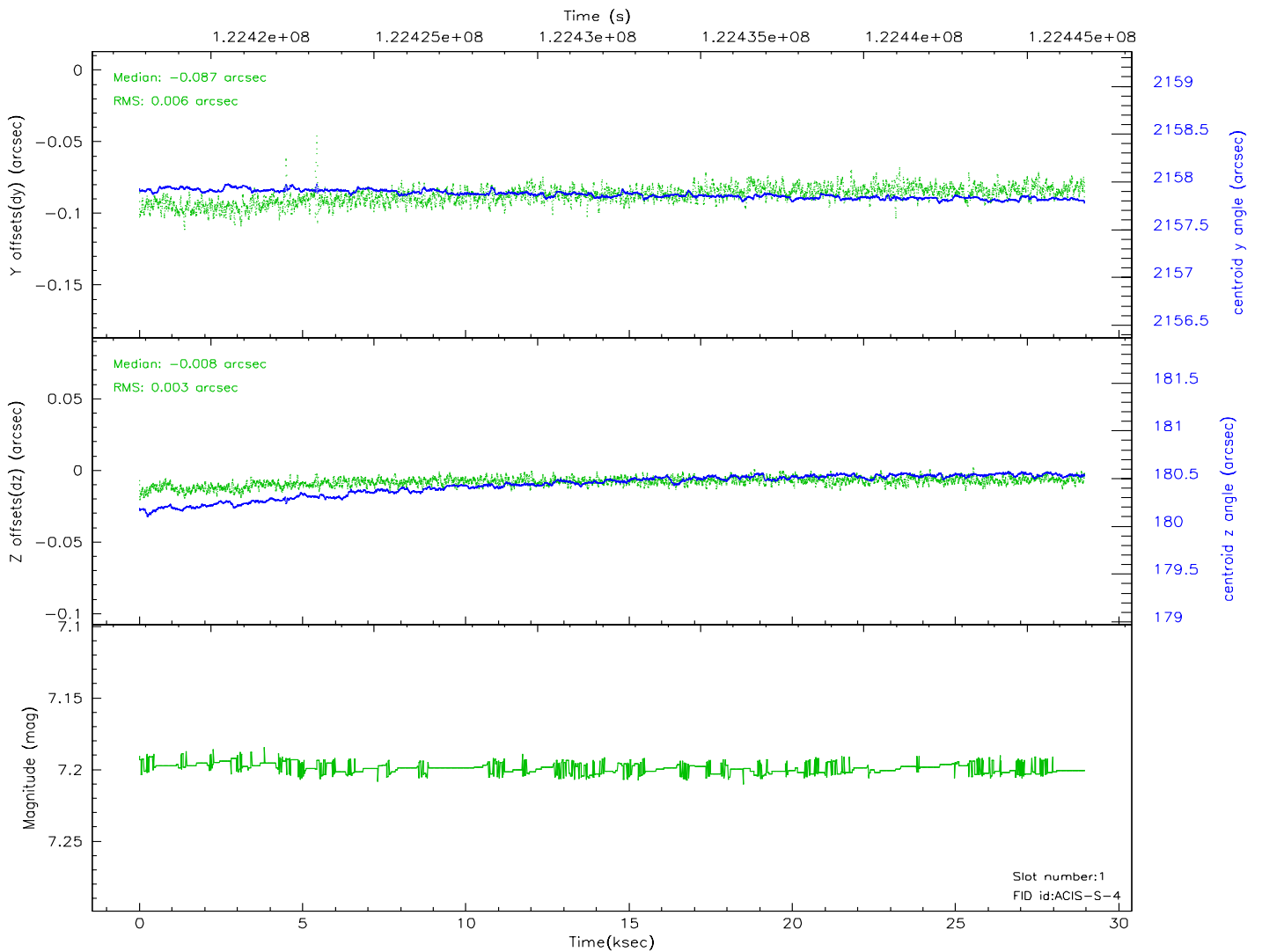
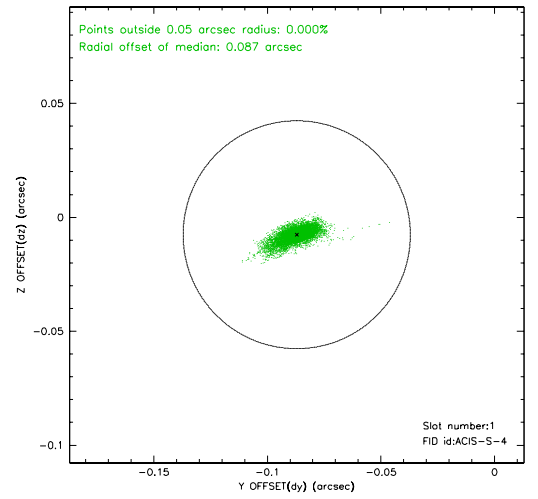
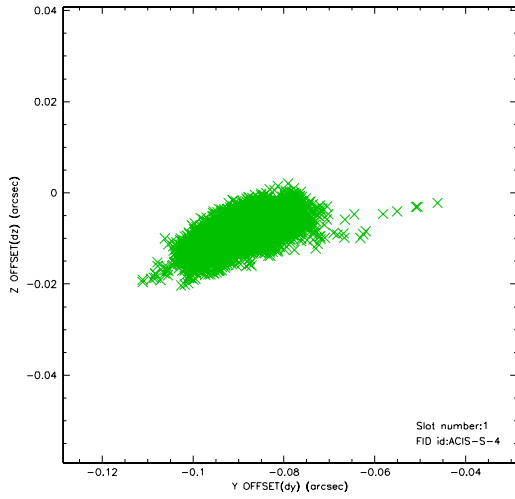


2.5 FID Slots

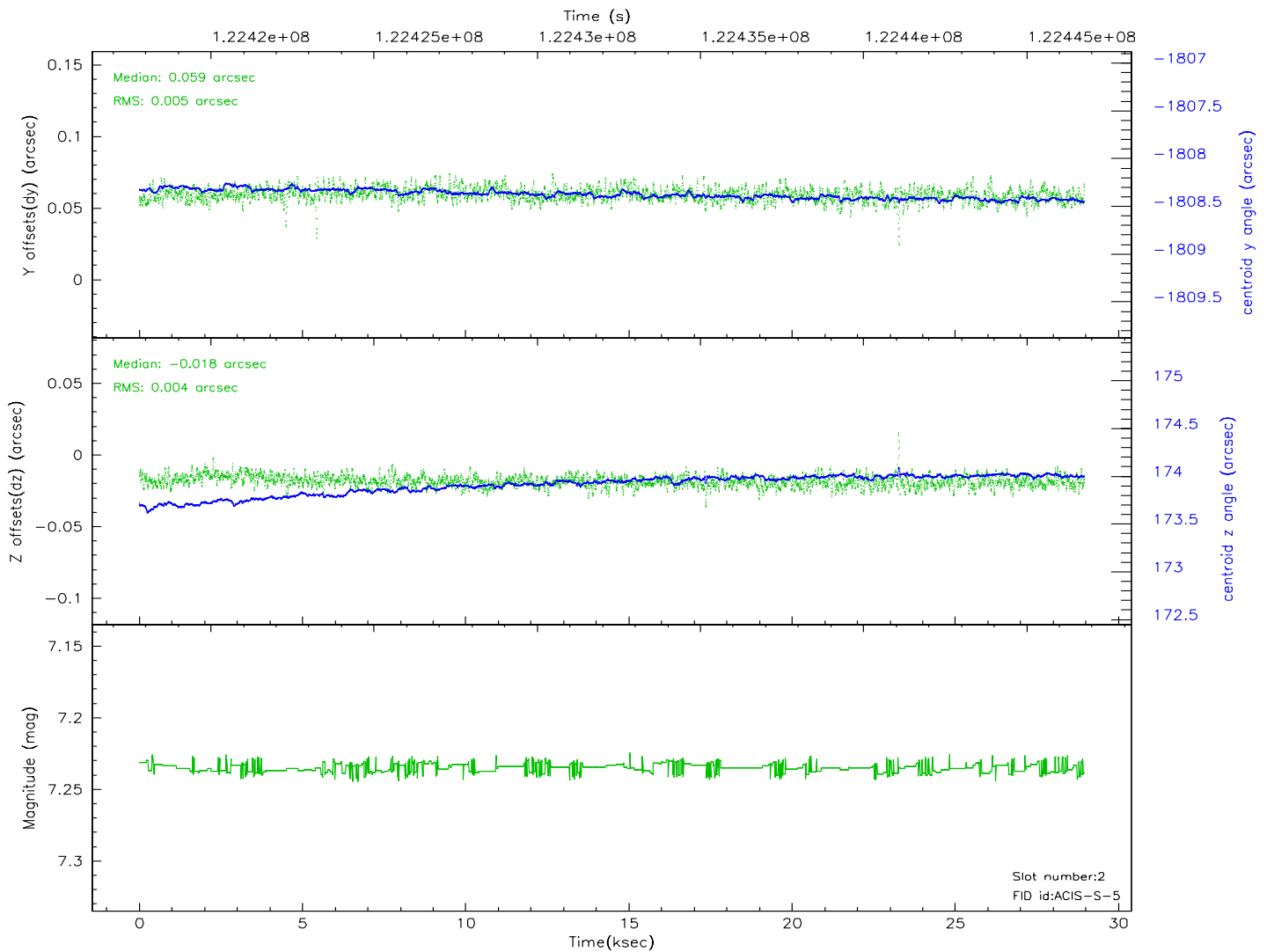
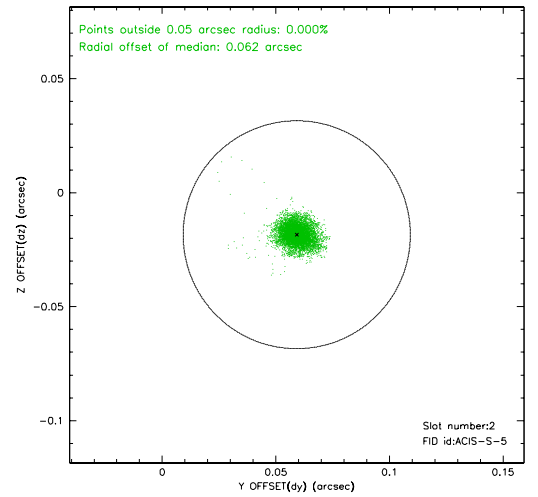
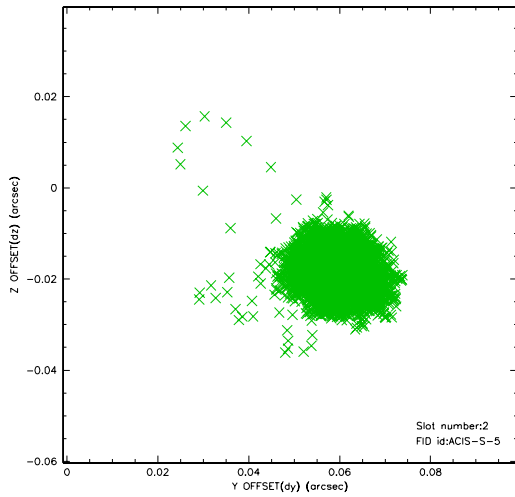
2.5.1 Slot 0



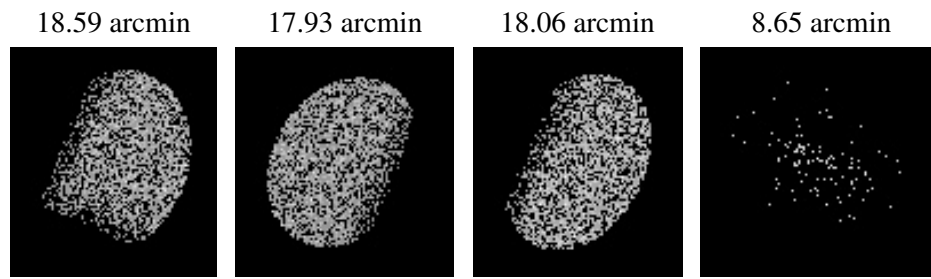
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.01.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	28.953

A.2 Comments