

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6128 - L2 Version 001
Chandra X-Ray Center

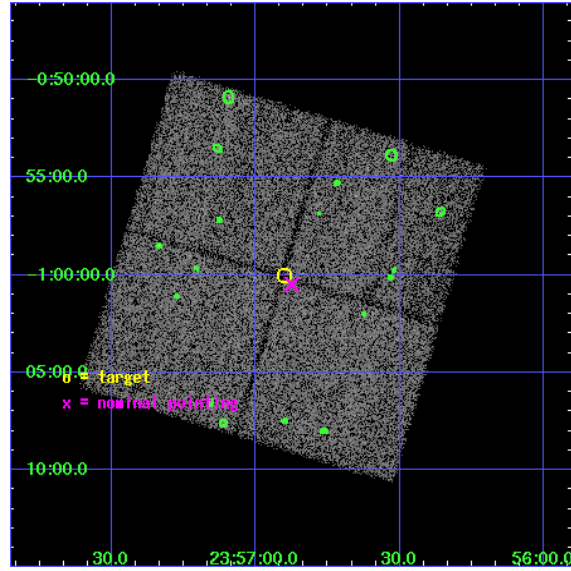
L2 Processing Date : Apr 17 2006

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1 Front

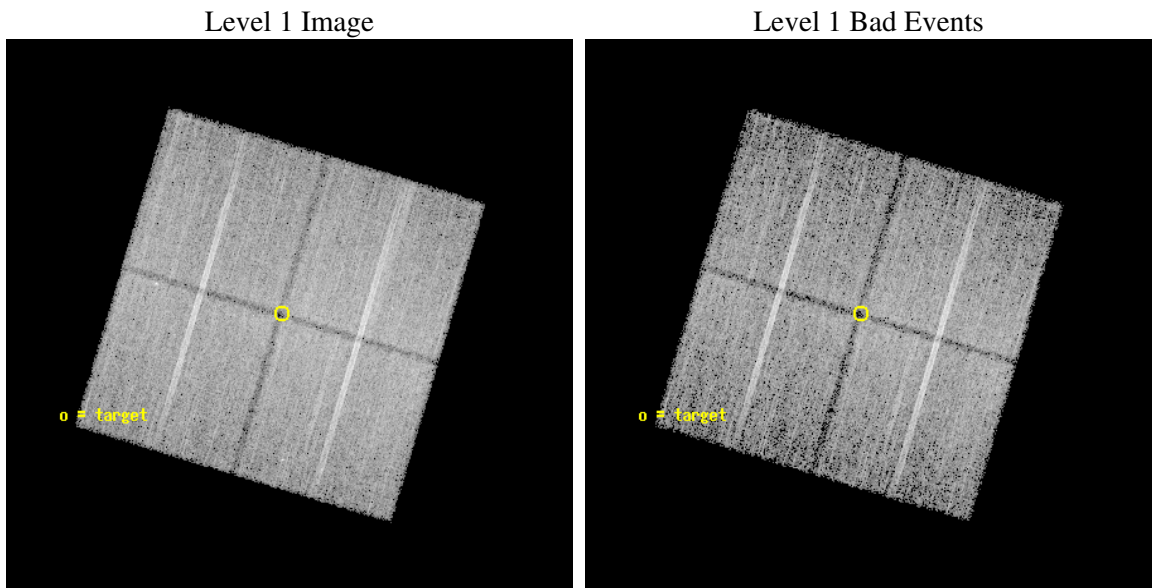
seq_num	500590
obs_id	6128
title	GRB040912: An Unusual Event Exhibiting Strong Spectral Evolution from a GRB to an XRF
observer	Dr. george Ricker
object	GRB040912
dtcycle	0
cycle	P
ra_targ	359.225
dec_targ	-1.000556
ra_nom	359.21869707652
dec_nom	-1.0081335201838
roll_nom	106.72260618773
revision	2
ontime	18168.936004221
livetime	17931.54547955
ontime0	18181.499965042
ontime1	18181.499965042
ontime2	18181.499965042
ontime3	18168.936004221
l2events	89534



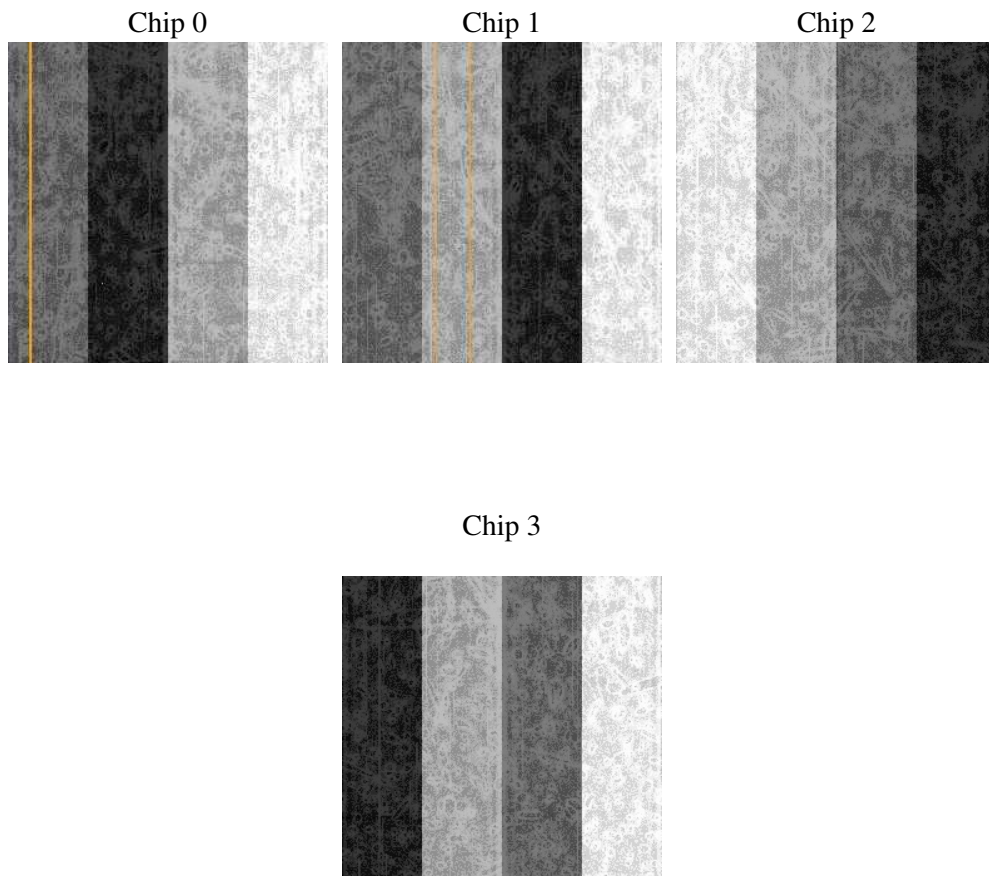
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-17T15:38:00
revision	2

sched_exp_time	18000.000000
ontime	19650.152497411
ontime0	19662.716458231
ontime1	19662.716458231
ontime2	19662.716458231
ontime3	19650.152497411
l1events	683960

2.1.4 Events

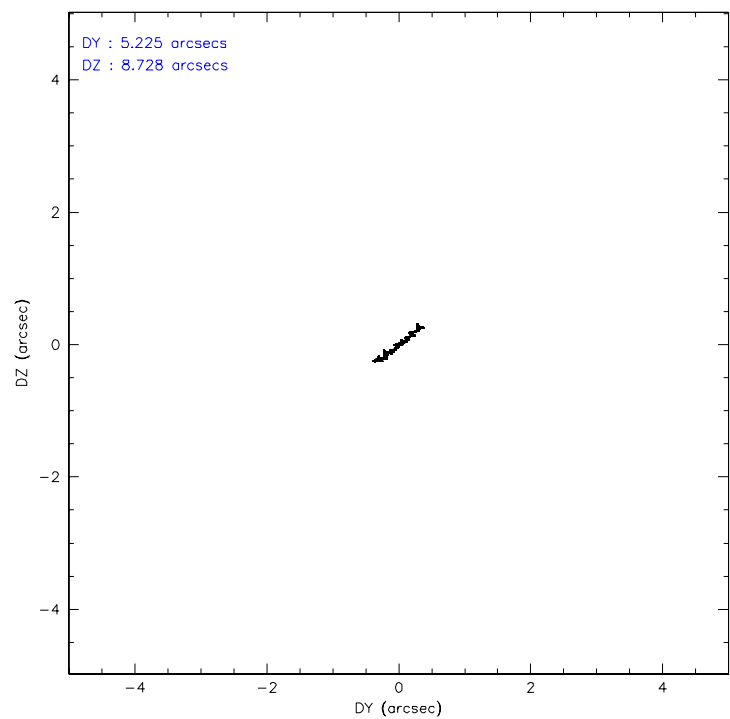
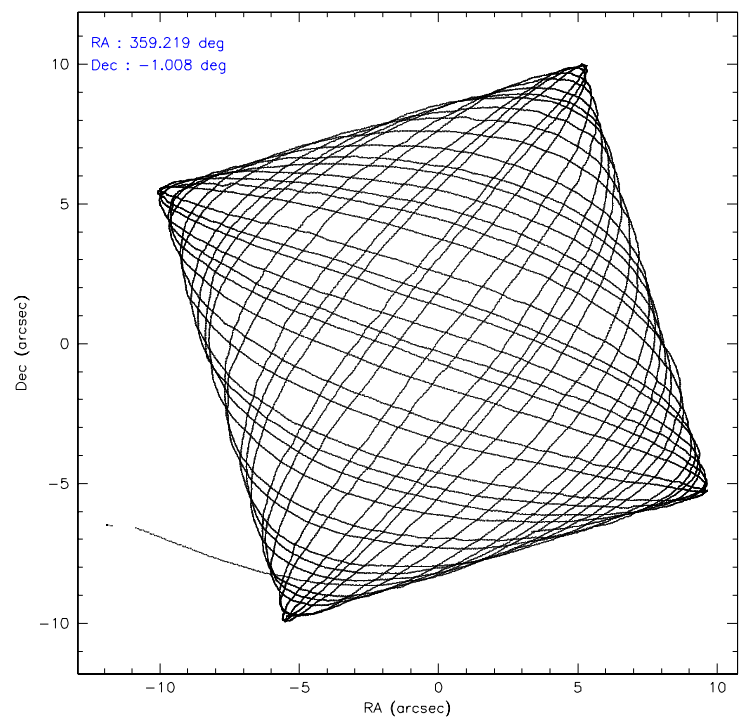
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	159598	164039	183933	176390
rejected events	131714	136555	155169	151128
rejected %	82%	83%	84%	85%

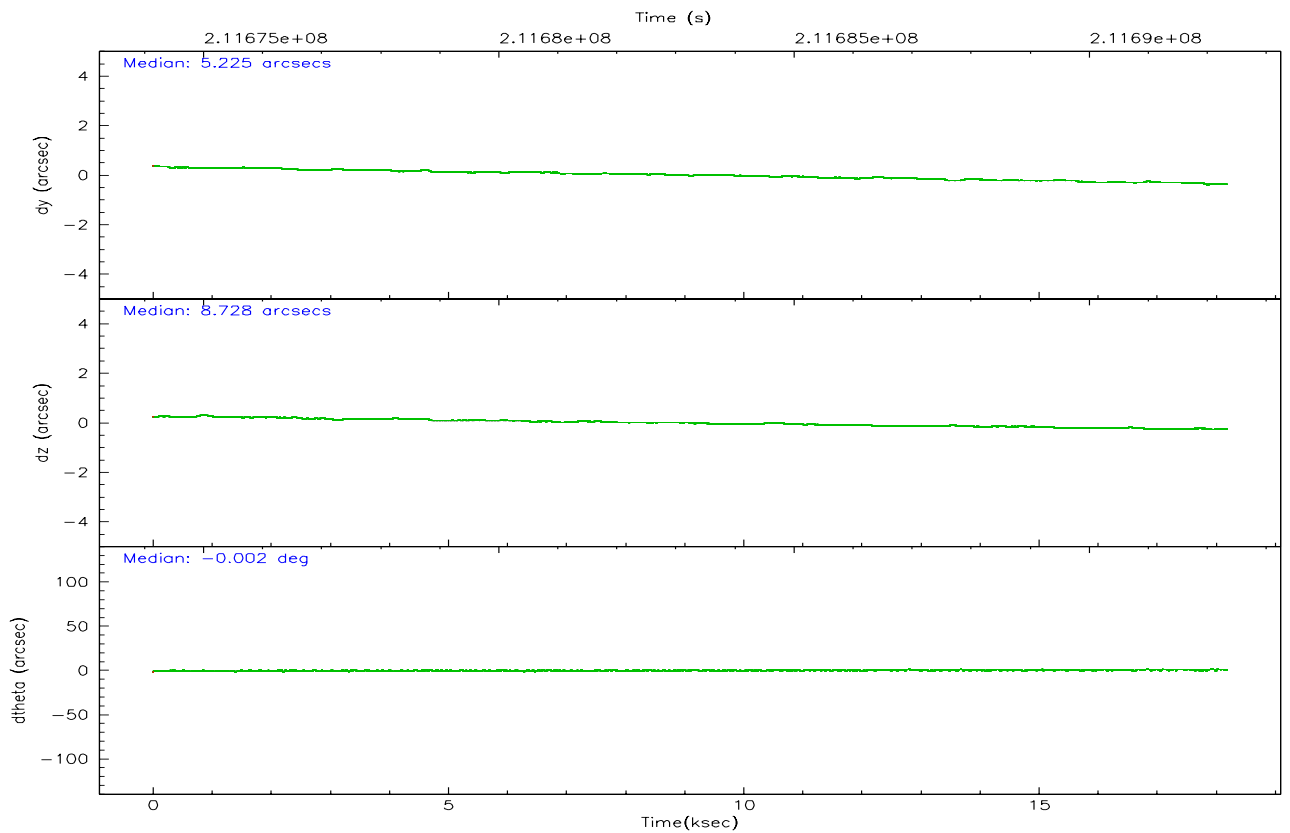
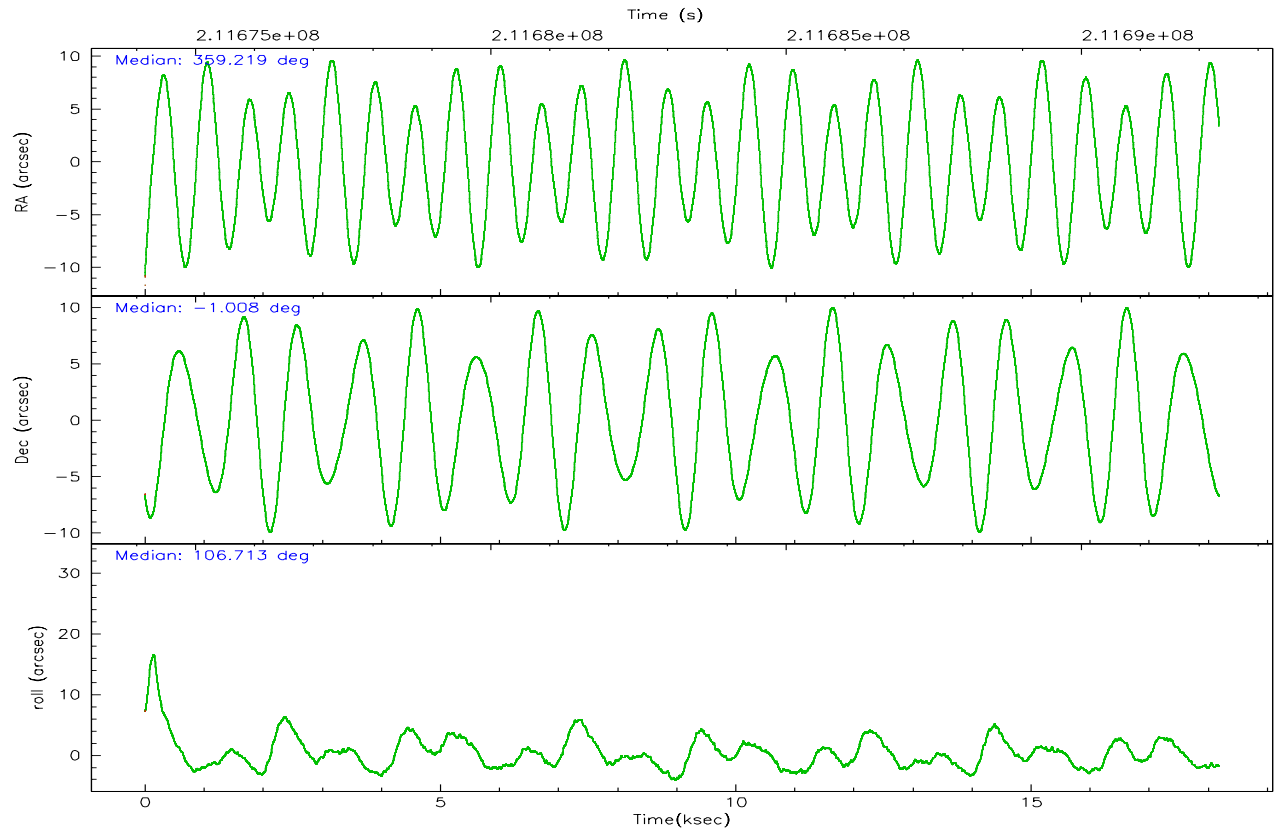
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	12184	10259	13680	10604
	7%	6%	7%	6%
grade 1 events	108	94	120	91
	0%	0%	0%	0%
grade 2 events	8510	9065	7779	7541
	5%	5%	4%	4%
grade 3 events	1839	1944	1700	1679
	1%	1%	0%	0%
grade 4 events	1831	1918	2393	1806
	1%	1%	1%	1%
grade 5 events	5631	5991	5433	6177
	3%	3%	2%	3%
grade 6 events	5800	6578	5573	5755
	3%	4%	3%	3%
grade 7 events	123695	128190	147255	142737
	77%	78%	80%	80%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-0123	ACIS-0123	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	359.238690	359.2186970765167	Alternating exposures requested	N	N
Pointing Dec	-1.026801	-1.008133520183835	Primary exposure time	0.000000	3.1
Pointing Roll	106.514271	106.722606187725			
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	211674330.184000	211672661.78453			
Observation start date	2004-09-15T22:24:26	2004-09-15T21:57:41			
Observation end time	211692330.184000	211693727.07297			
Observation end date	2004-09-16T03:24:26	2004-09-16T03:48:47			
Read mode	TIMED	TIMED			

2.3 Aspect



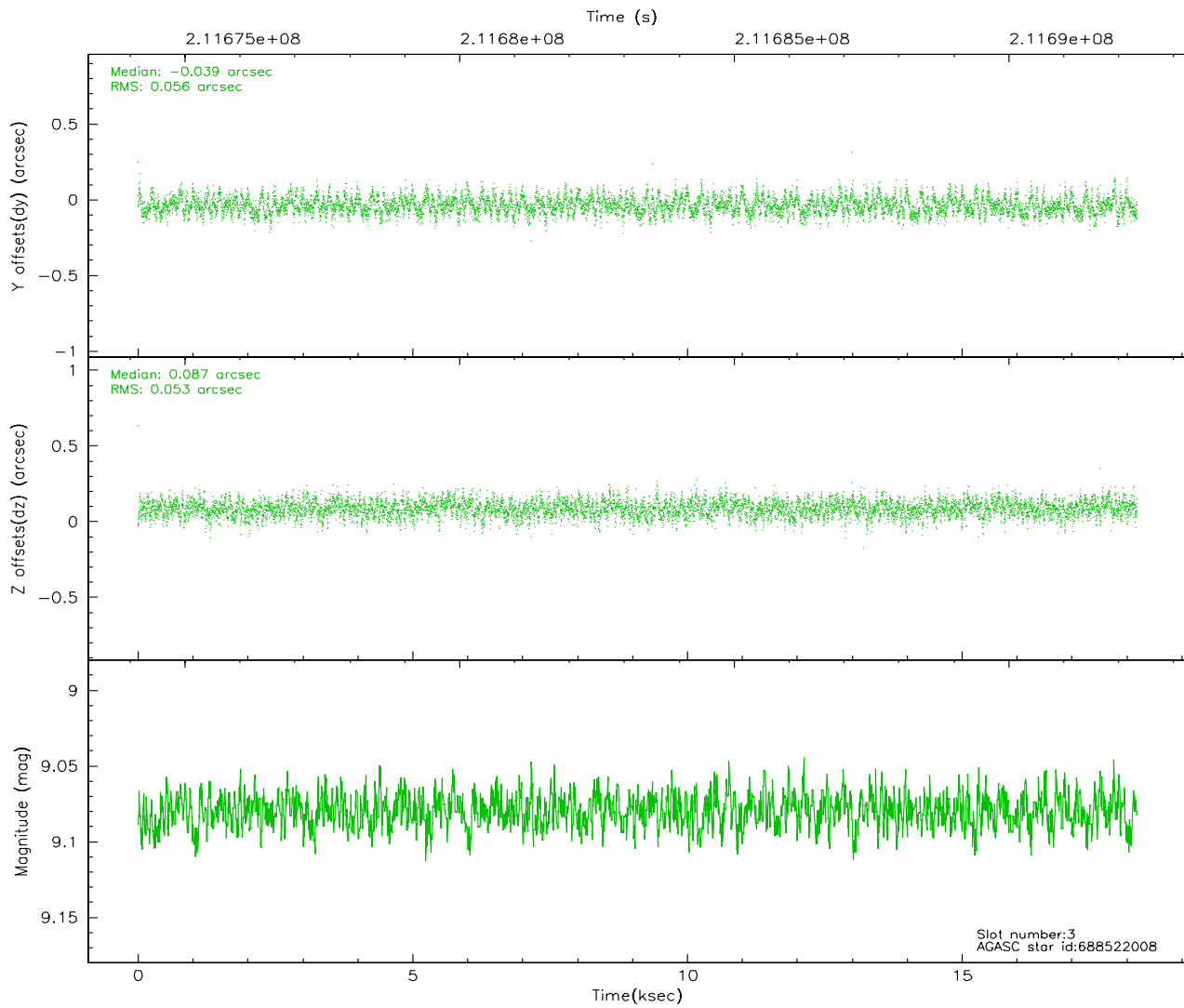
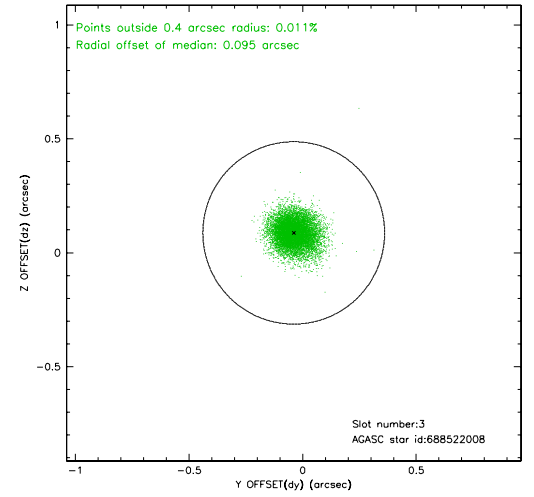
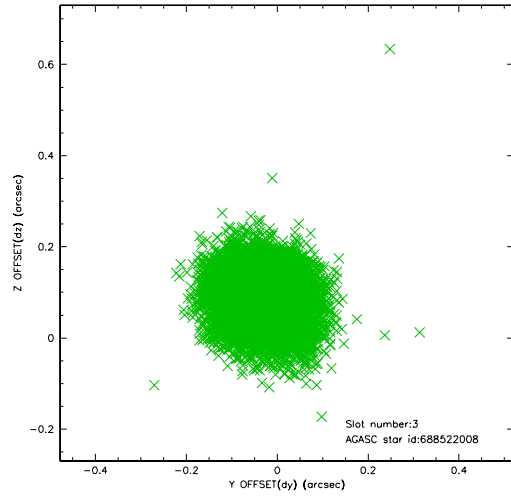


Slot Statistics

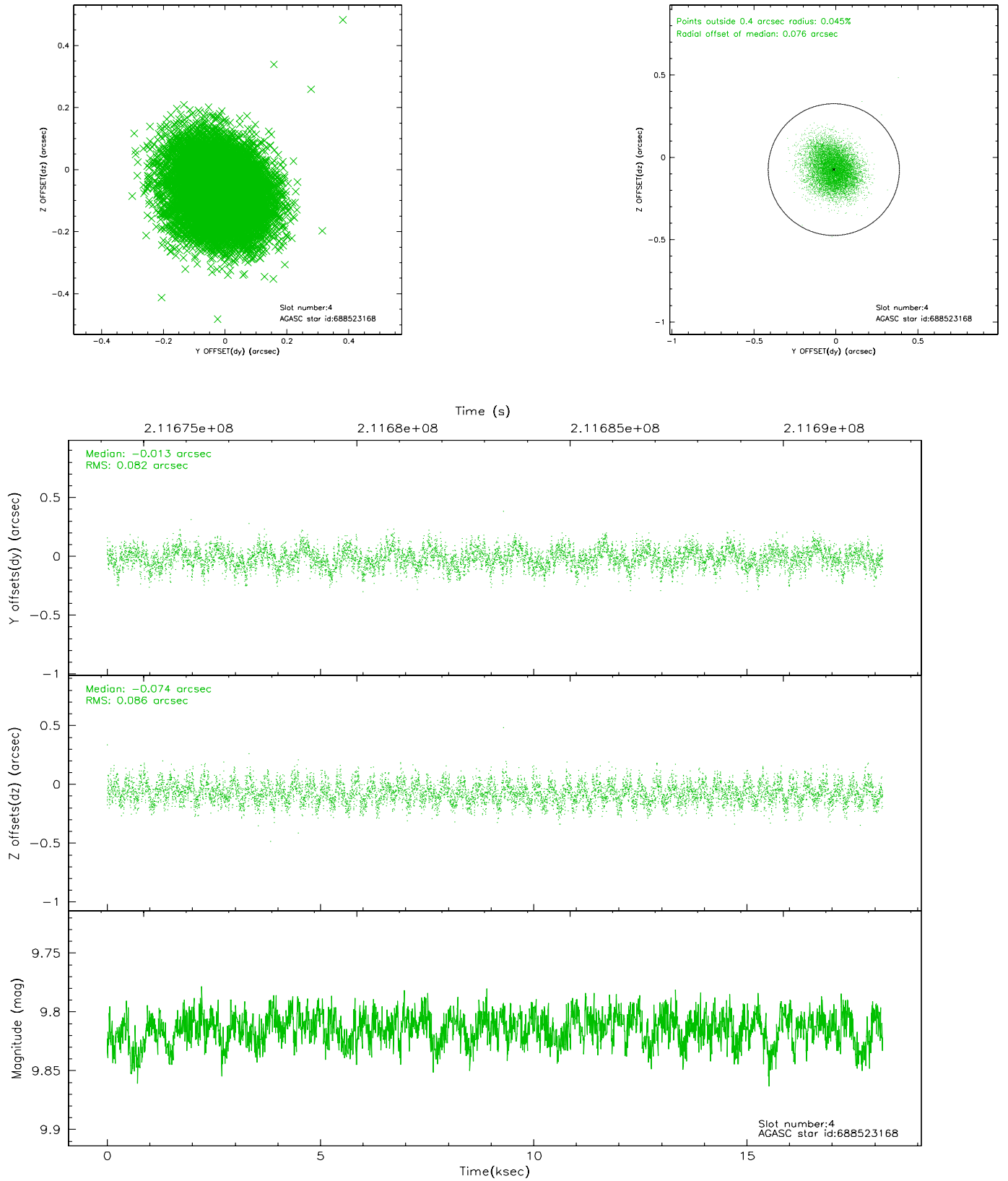
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	4437	-0.003	0.064	0.008	0.013	0.000000	0.000000	934.51	-832.09
1	FID	ACIS-I-5	7.23	4437	-0.139	0.034	0.008	0.013	0.000000	0.000000	-1813.62	1065.24
2	FID	ACIS-I-6	7.25	4437	0.050	-0.028	0.009	0.015	0.000000	0.000000	399.85	1709.95
3	GUIDE	688522008	9.08	8871	-0.039	0.087	0.082	0.132	359.793079	-0.583482	963.26	-2366.74
4	GUIDE	688523168	9.81	8868	-0.013	-0.074	0.128	0.202	358.843792	-1.079337	222.80	1416.59
5	GUIDE	688526568	8.84	8869	-0.009	-0.201	0.066	0.108	359.115698	-0.932325	452.19	328.08
6	GUIDE	688526856	9.26	8865	0.095	0.121	0.102	0.166	359.962410	-1.196707	-1325.97	-2323.57
7	GUIDE	688521312	8.47	8870	-0.028	0.076	0.084	0.139	359.794684	-0.499831	1250.33	-2457.73

2.4 Star Slots

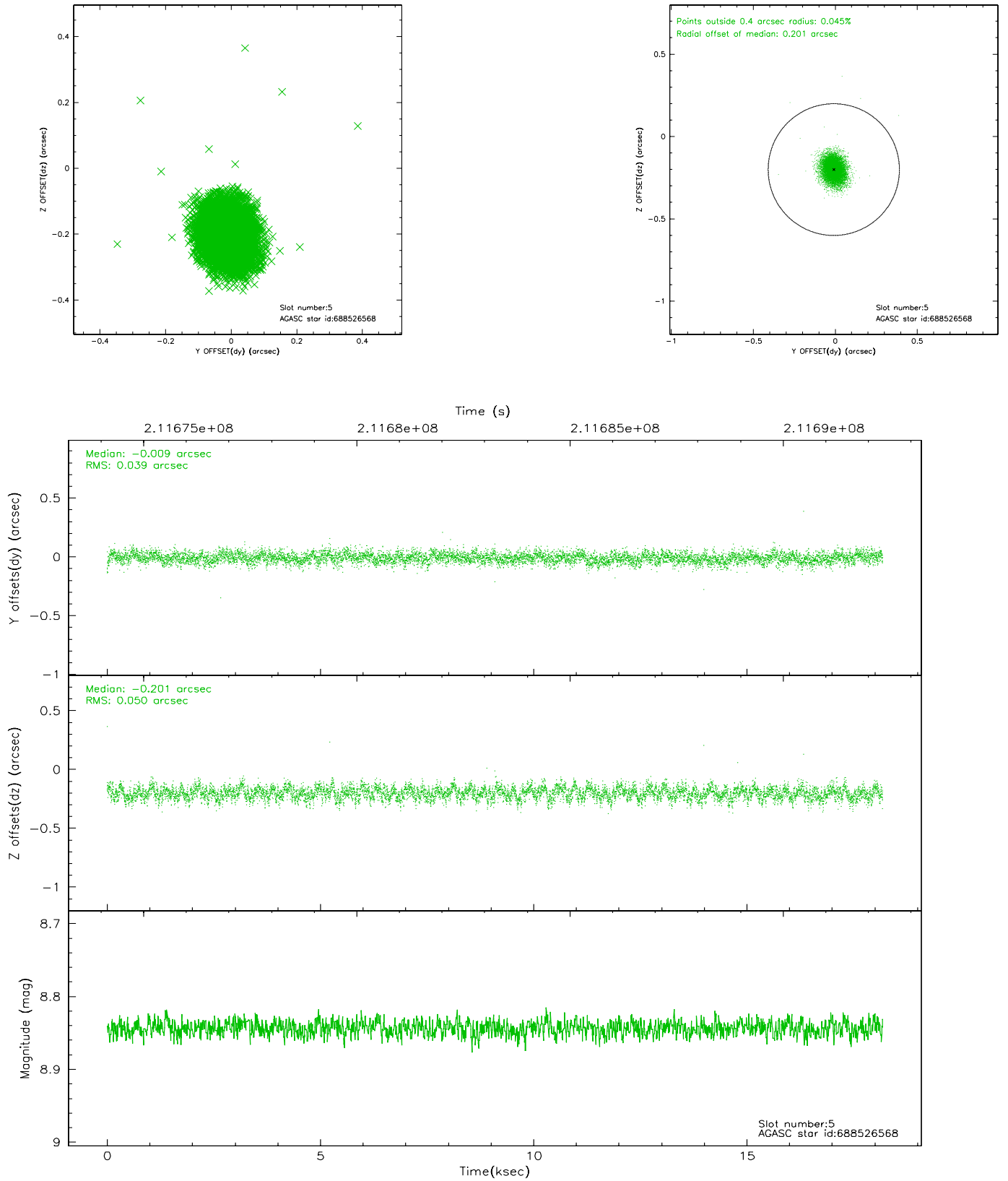
2.4.1 Slot 3



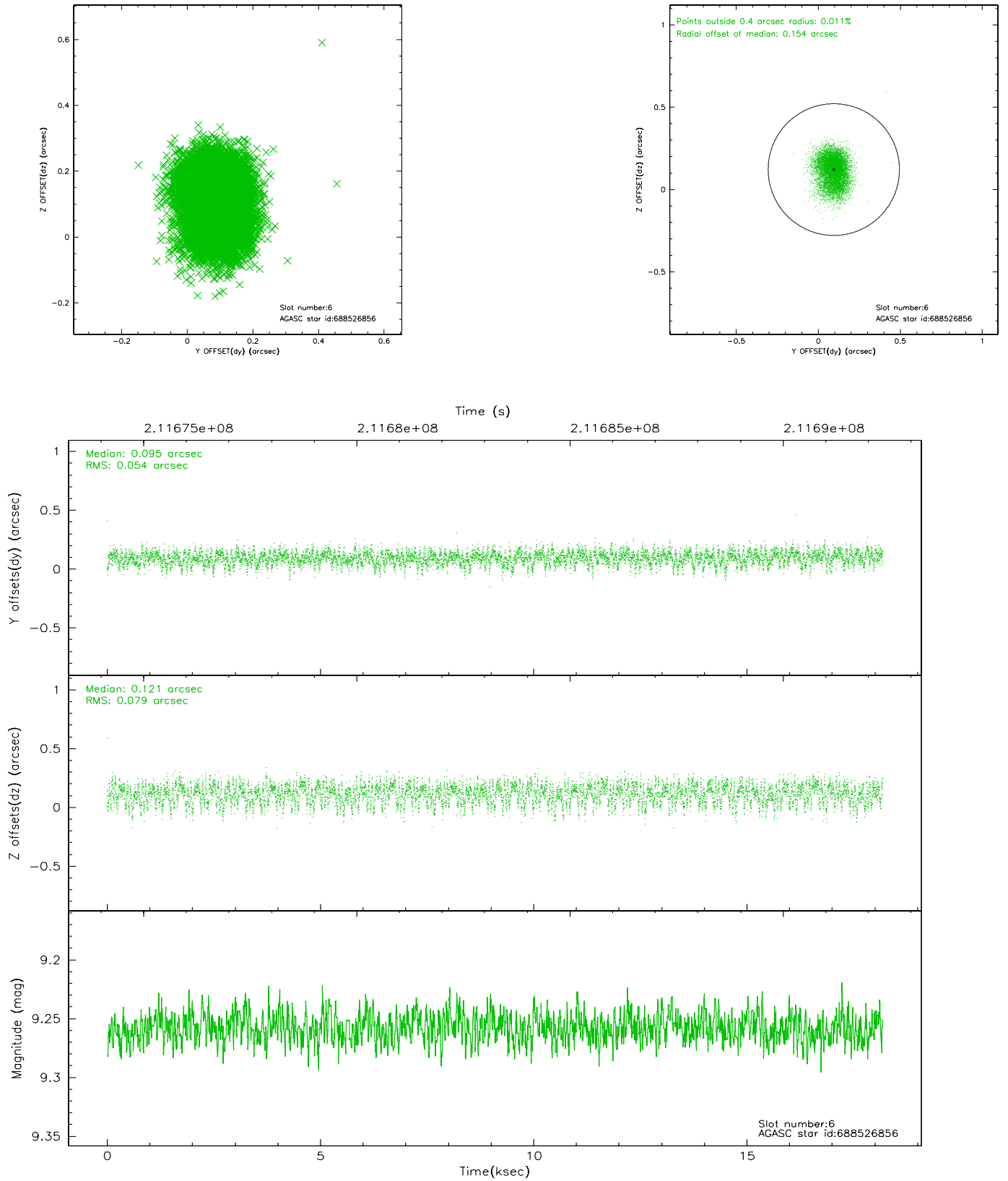
2.4.2 Slot 4



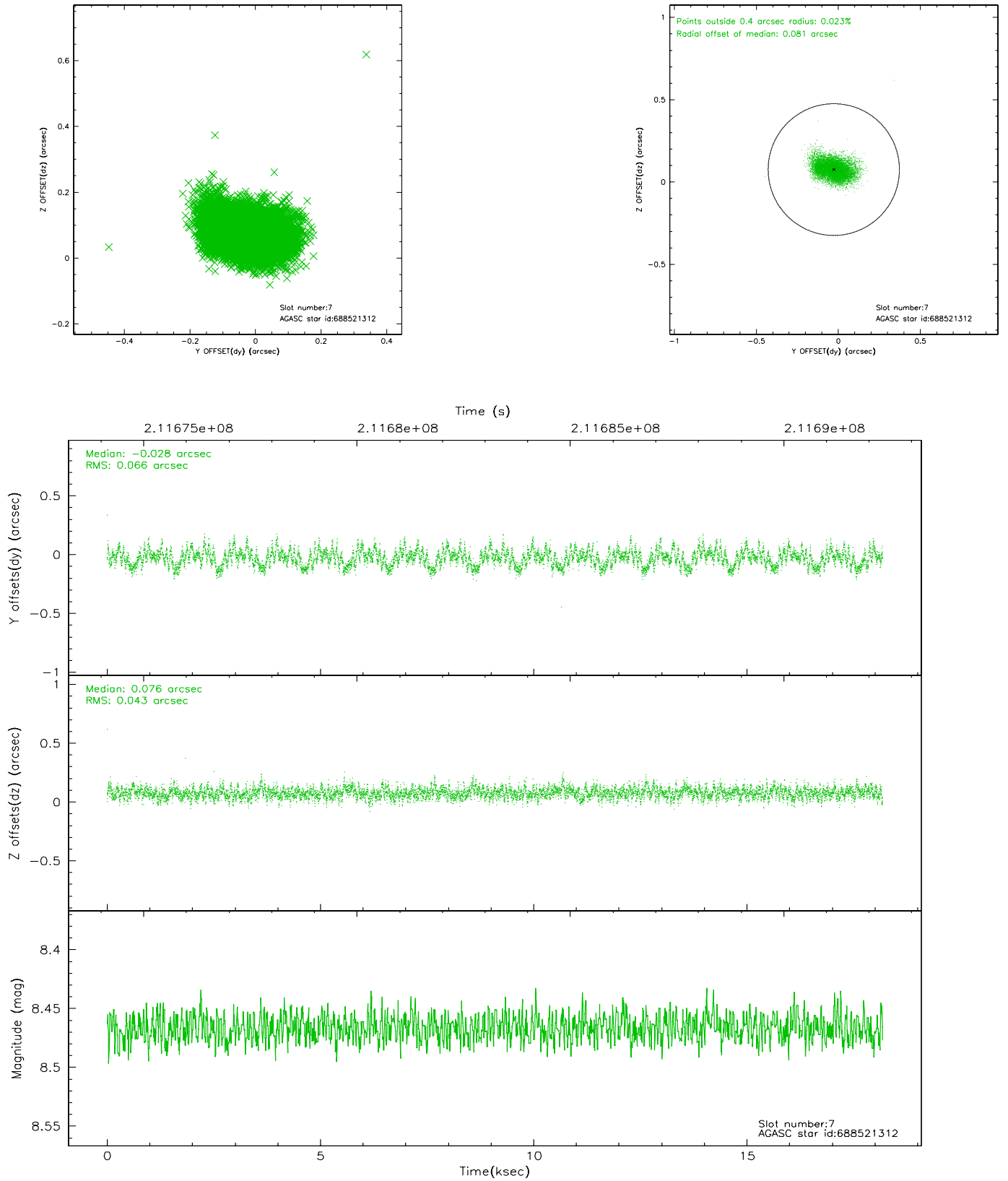
2.4.3 Slot 5



2.4.4 Slot 6

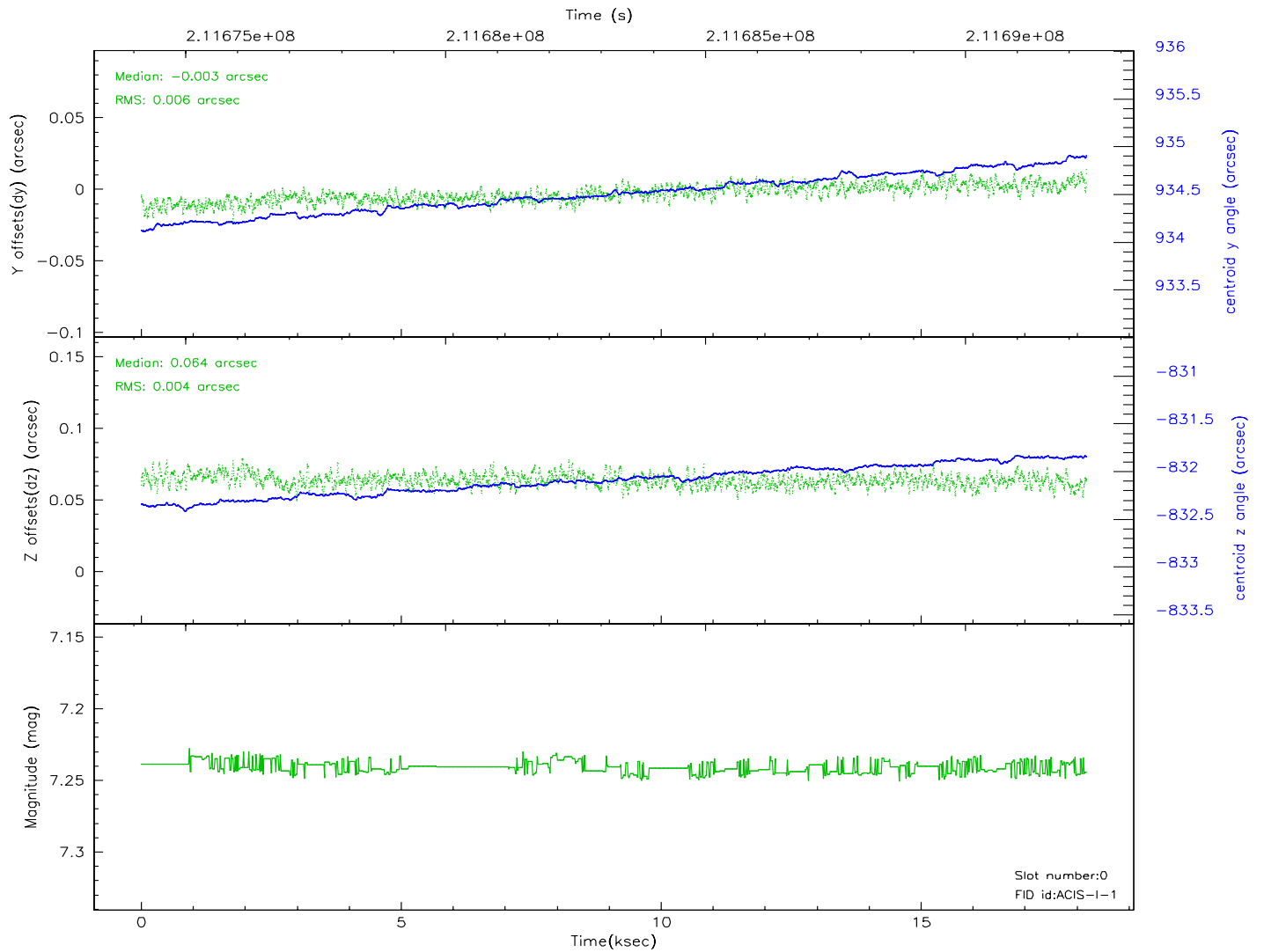
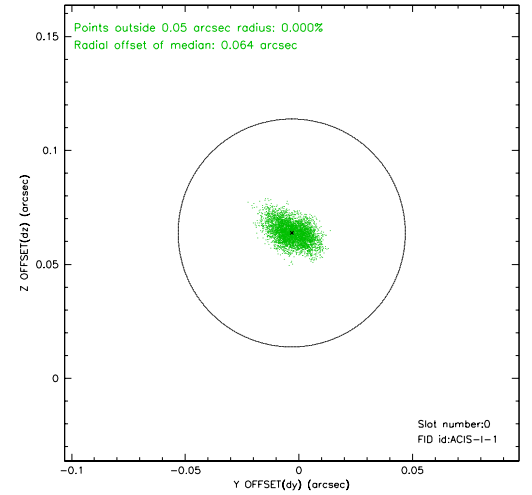
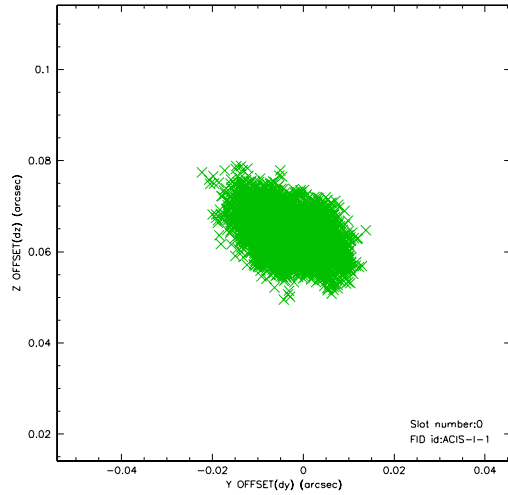


2.4.5 Slot 7

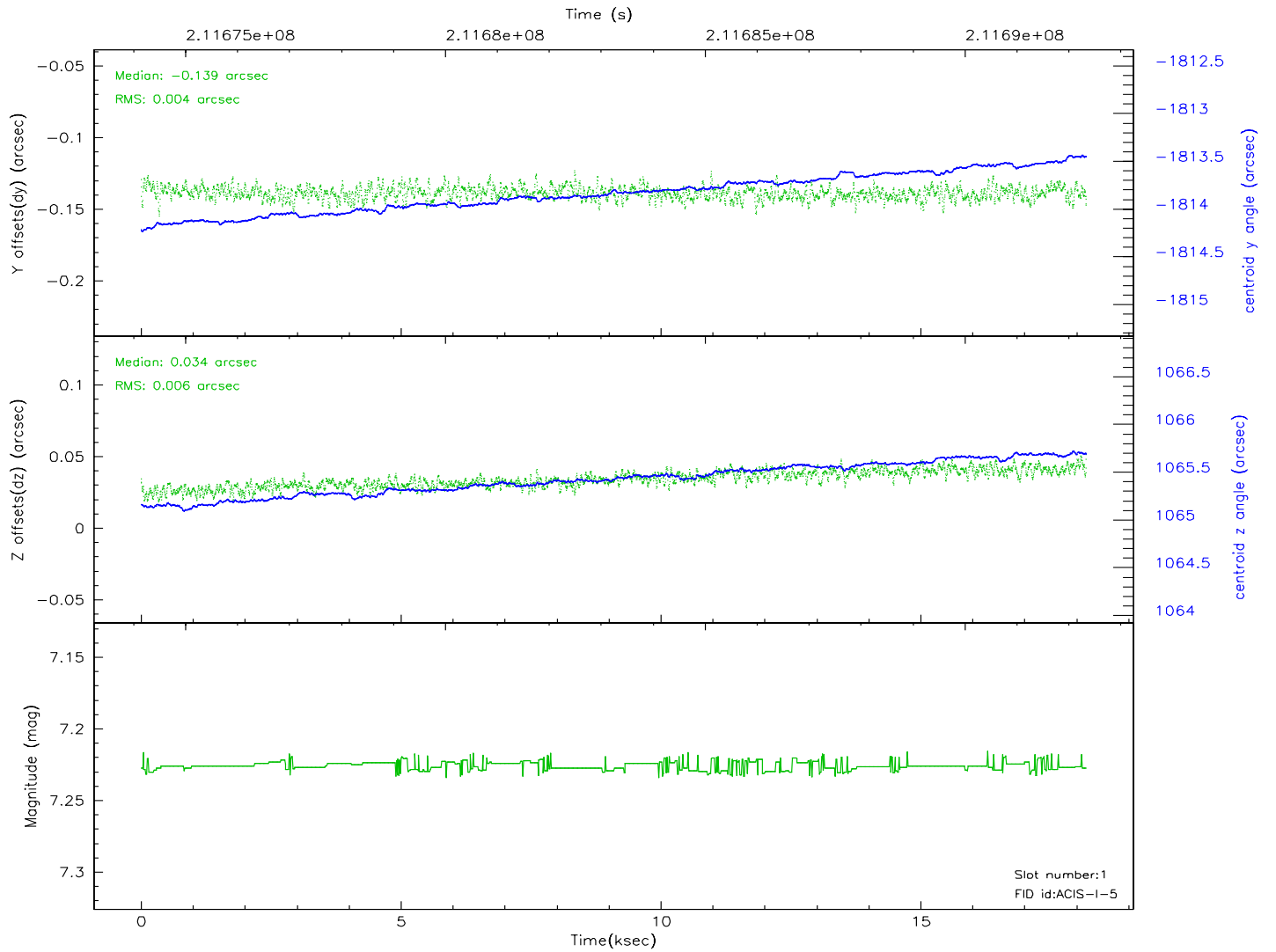
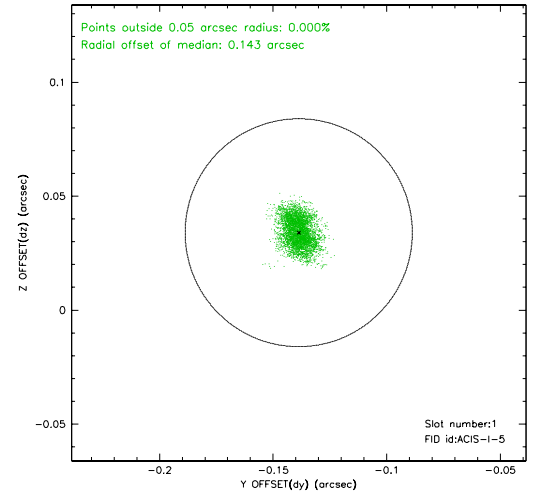
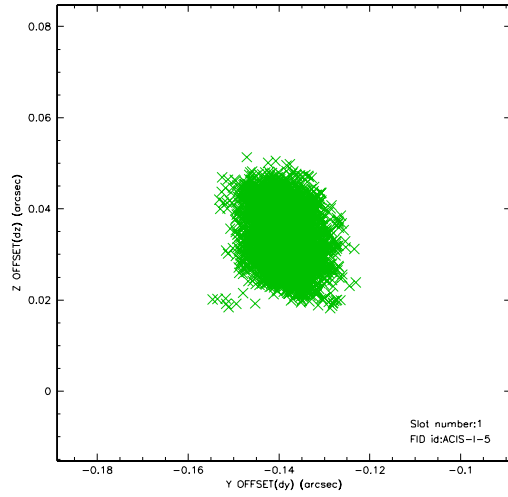


2.5 FID Slots

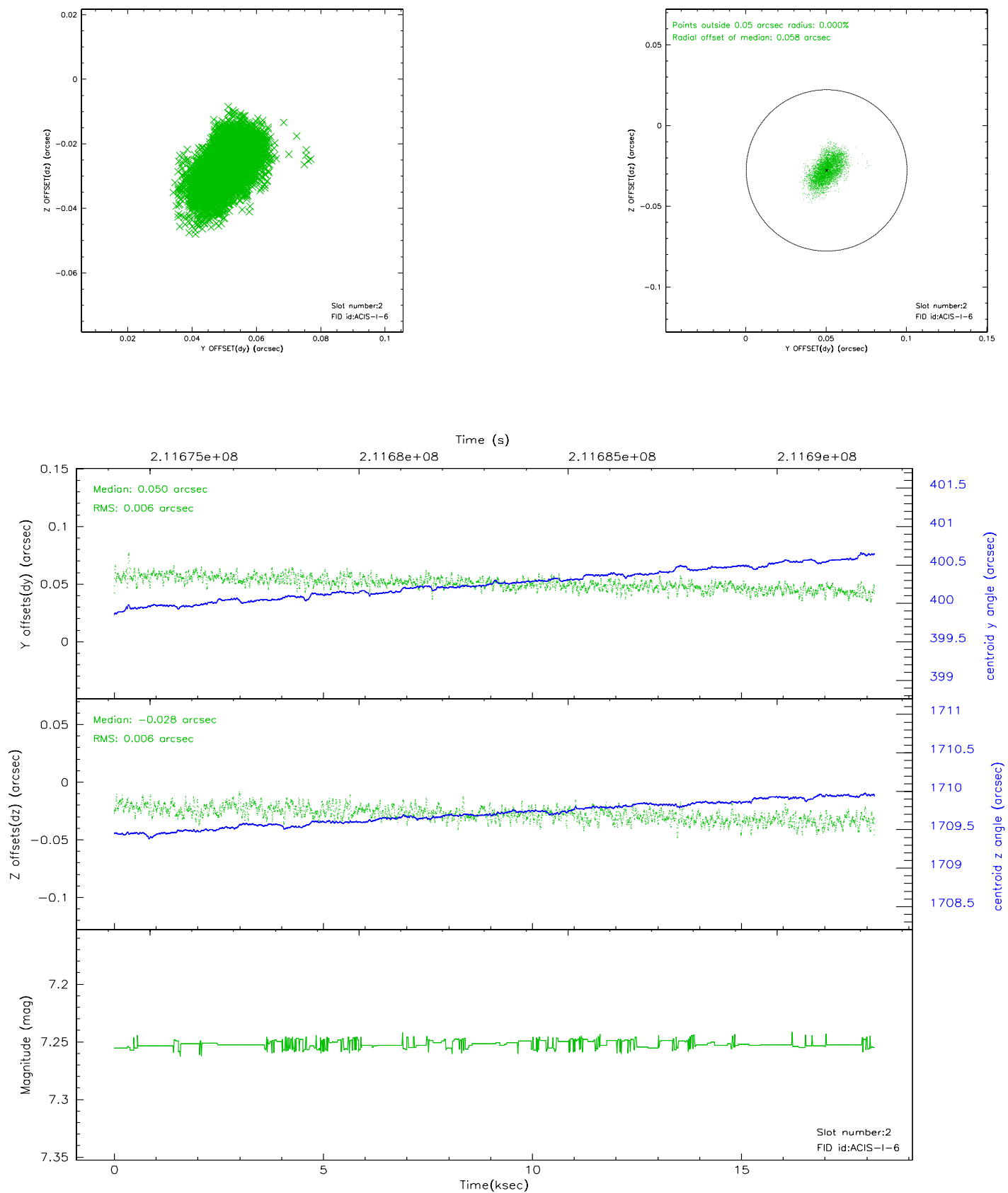
2.5.1 Slot 0



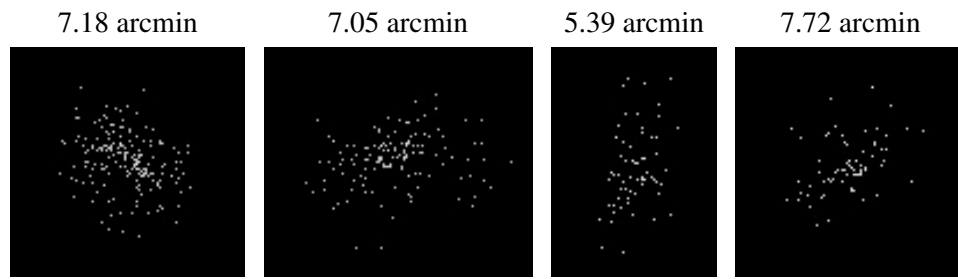
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.04.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.168

A.2 Comments