

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4738 - L2 Version 001
Chandra X-Ray Center

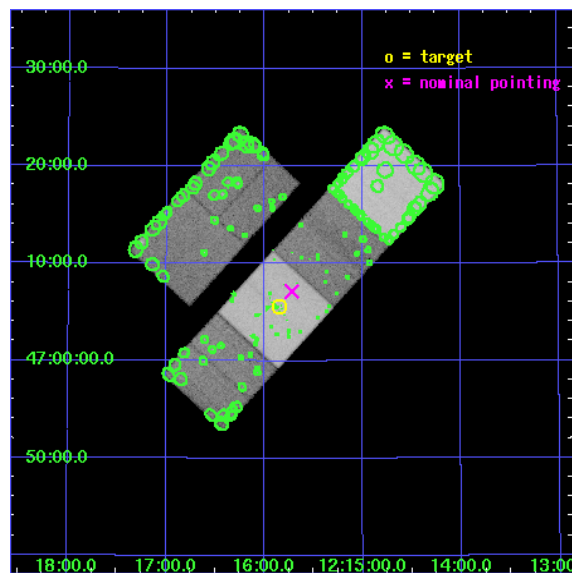
L2 Processing Date : Jun 2 2006

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1 Front

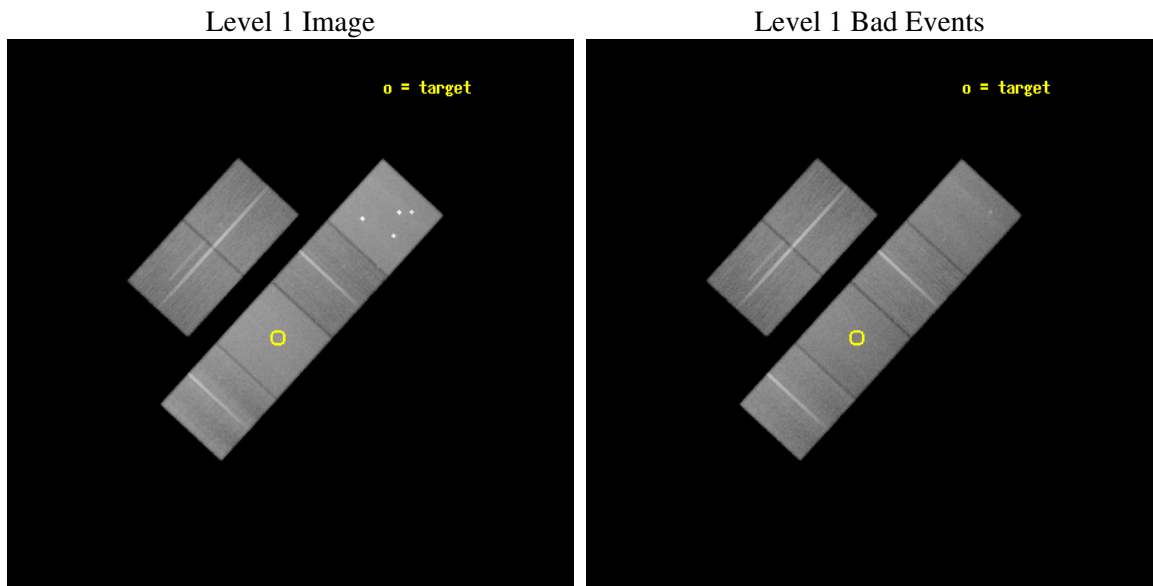
seq_num	600393
obs_id	4738
title	Searching for hot gas in the halos of normal spiral galaxies
observer	Dr David Strickland
object	NGC 4217
dtcycle	0
cycle	P
ra_targ	183.962083
dec_targ	47.092889
ra_nom	183.93023257125
dec_nom	47.119150883483
roll_nom	132.51109886502
revision	2
ontime	73660.799725592
livetime	72728.062326258
ontime2	73660.799725592
ontime3	73660.799725592
ontime5	73660.799725592
ontime6	73660.799725592
ontime7	73660.799725592
ontime8	73657.558725417
l2events	747784



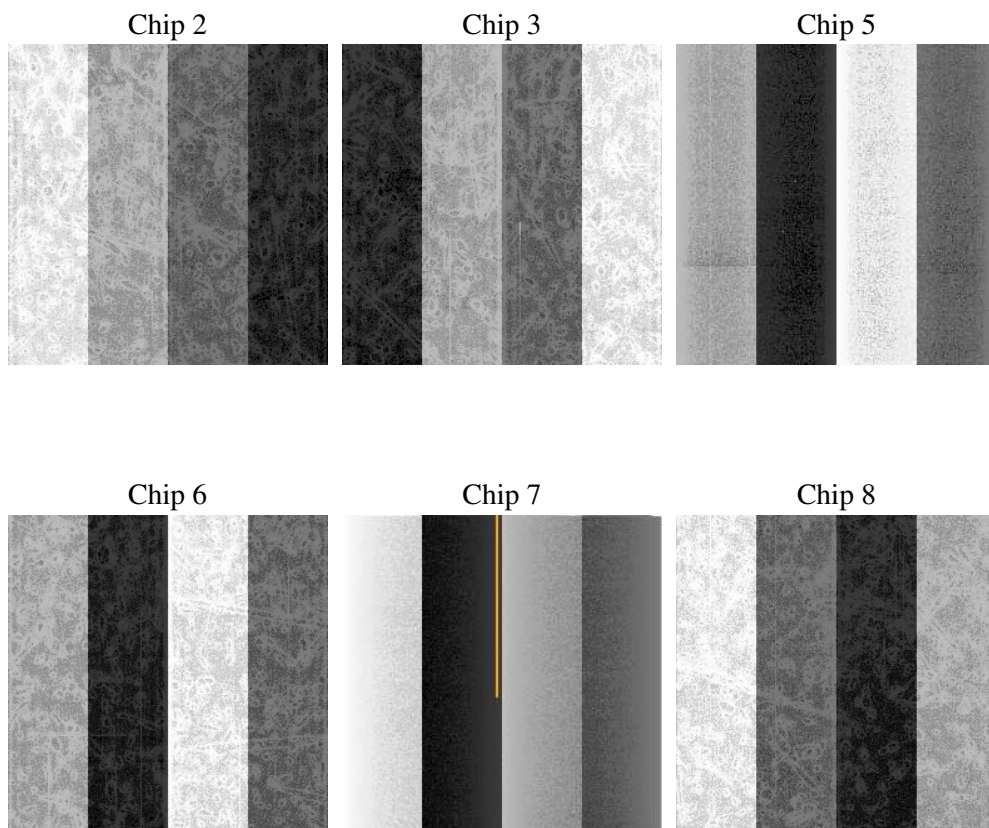
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7.2
caldsver	3.2.2
date	2006-06-02T17:20:48
revision	2

sched_exp_time	73500.000000
ontime	74105.703202754
ontime2	74105.703202754
ontime3	74105.703202754
ontime5	74105.703202754
ontime6	74105.703202754
ontime7	74105.703202754
ontime8	74102.462202579
l1events	3514089

2.1.4 Events

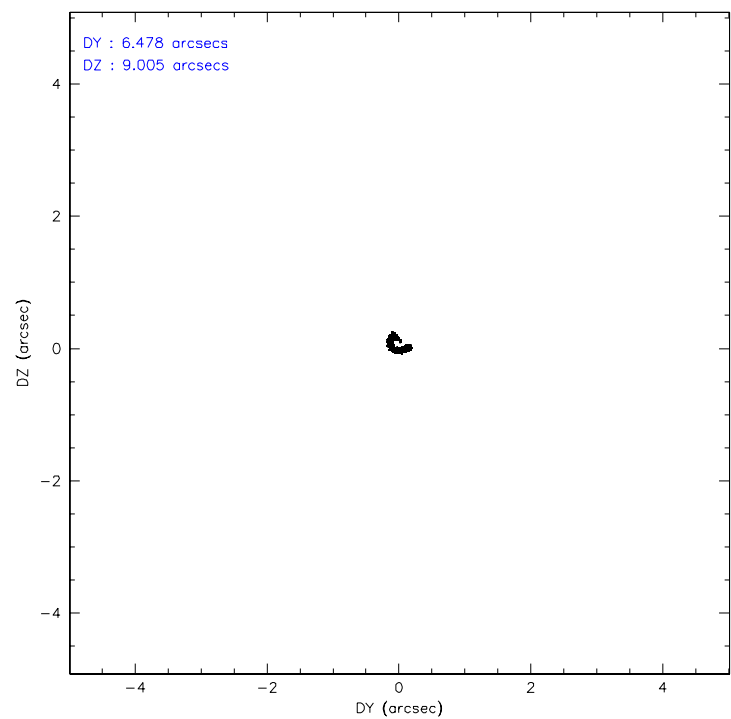
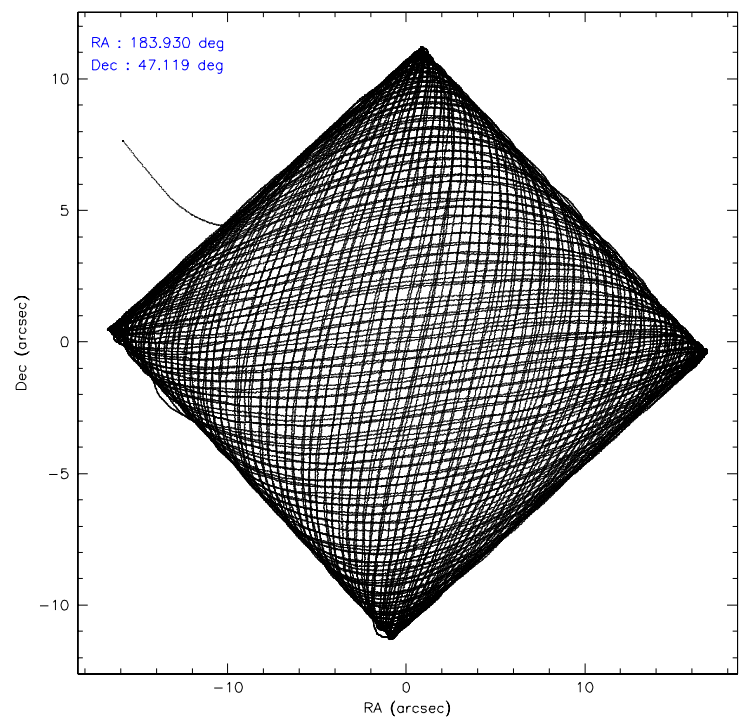
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	496347	472102	772099	495411	662330	615800
rejected events	438316	415813	411253	437001	412571	486072
rejected %	88%	88%	53%	88%	62%	78%

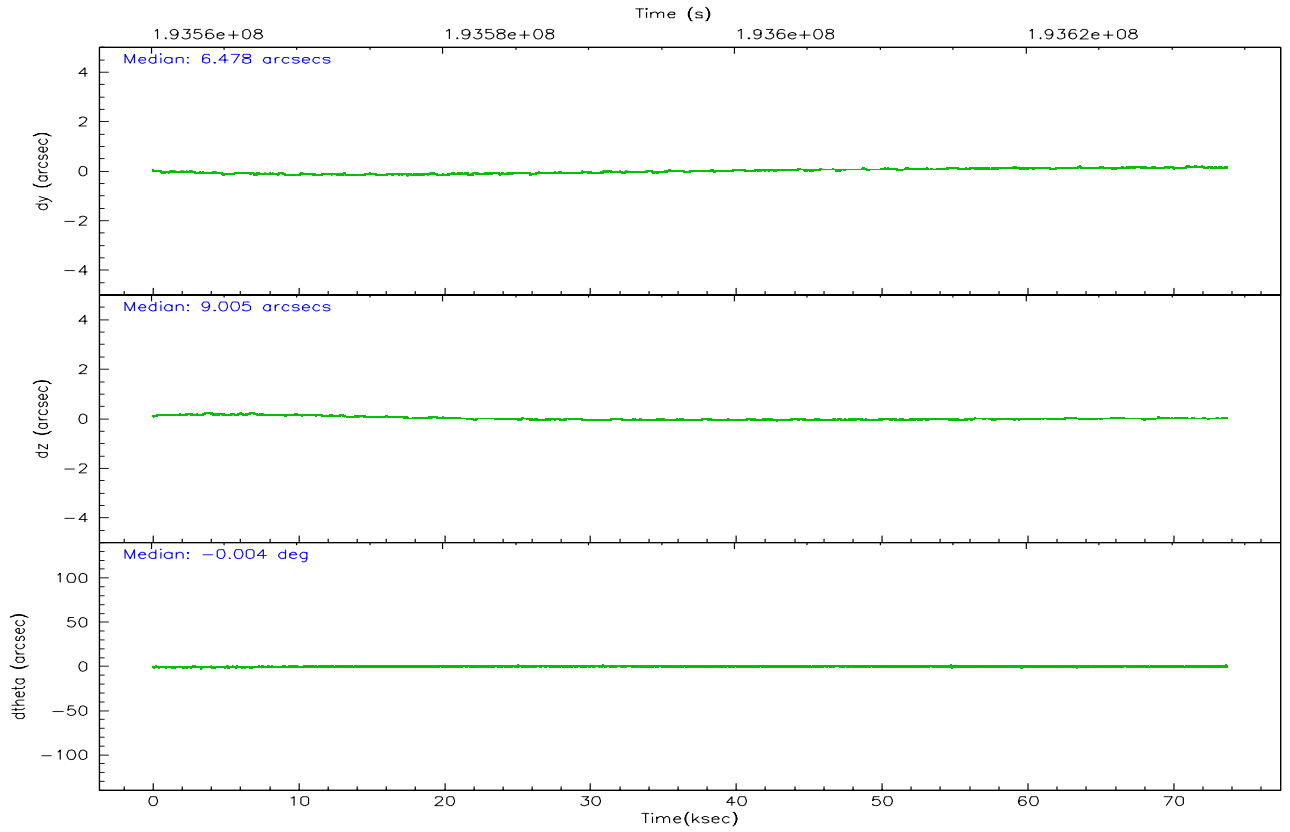
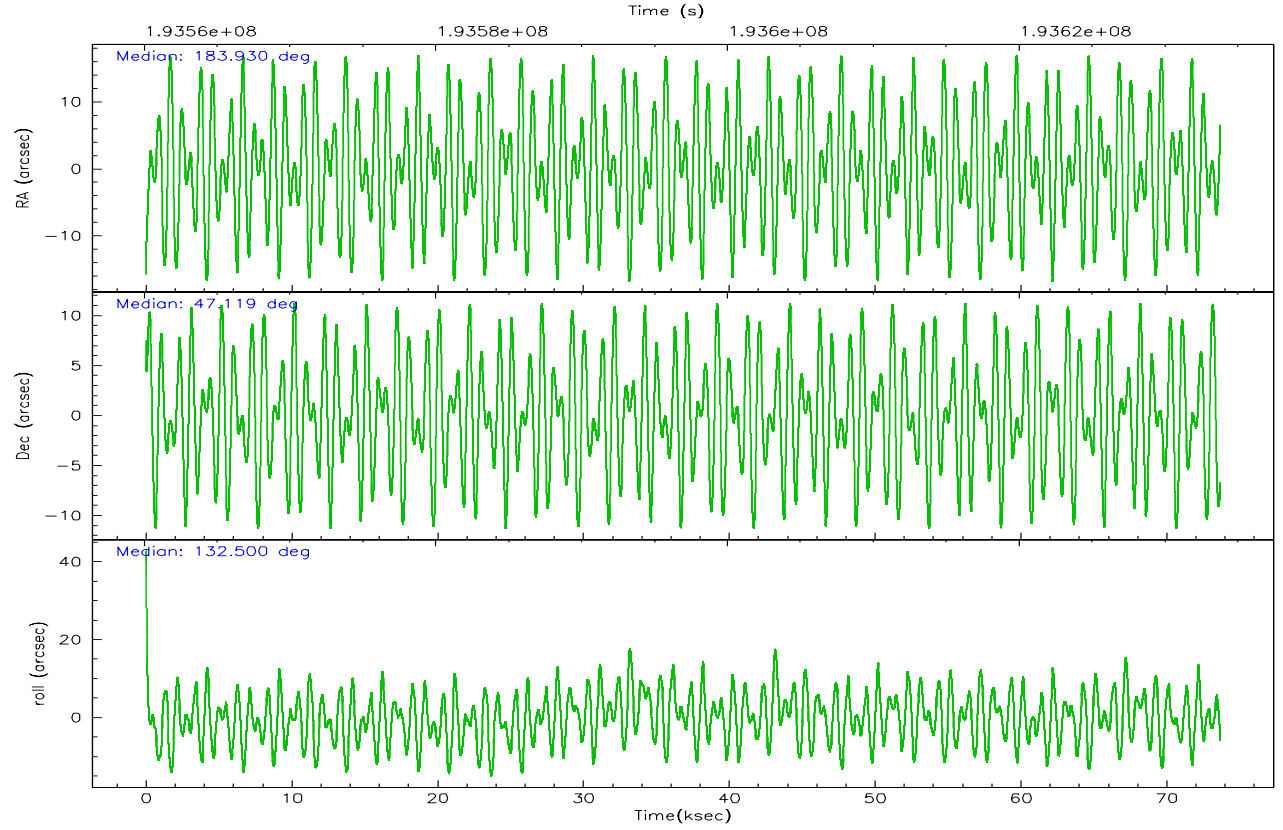
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	25727	25137	67421	23280	14465	41574
	5%	5%	8%	4%	2%	6%
grade 1 events	295	262	1367	240	370	397
	0%	0%	0%	0%	0%	0%
grade 2 events	11892	10574	99948	12089	62257	28630
	2%	2%	12%	2%	9%	4%
grade 3 events	5521	5585	6670	5717	12457	13575
	1%	1%	0%	1%	1%	2%
grade 4 events	5546	5570	6402	5734	12178	12811
	1%	1%	0%	1%	1%	2%
grade 5 events	19399	21277	34317	22710	44267	29663
	3%	4%	4%	4%	6%	4%
grade 6 events	9684	9752	182513	11932	149897	33752
	1%	2%	23%	2%	22%	5%
grade 7 events	418283	393945	373461	413709	366439	455398
	84%	83%	48%	83%	55%	73%

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	183.968554	183.9302325712494	Alternating exposures requested	N	N
Pointing Dec	47.111325	47.11915088348312	Primary exposure time	0.000000	3.2
Pointing Roll	132.326384	132.5110988650196			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	193560289.184000	193559007.55873			
Observation start date	2004-02-19T06:43:45	2004-02-19T06:23:27			
Observation end time	193633789.184000	193634674.08704			
Observation end date	2004-02-20T03:08:45	2004-02-20T03:24:34			
Read mode	TIMED	TIMED			

2.3 Aspect



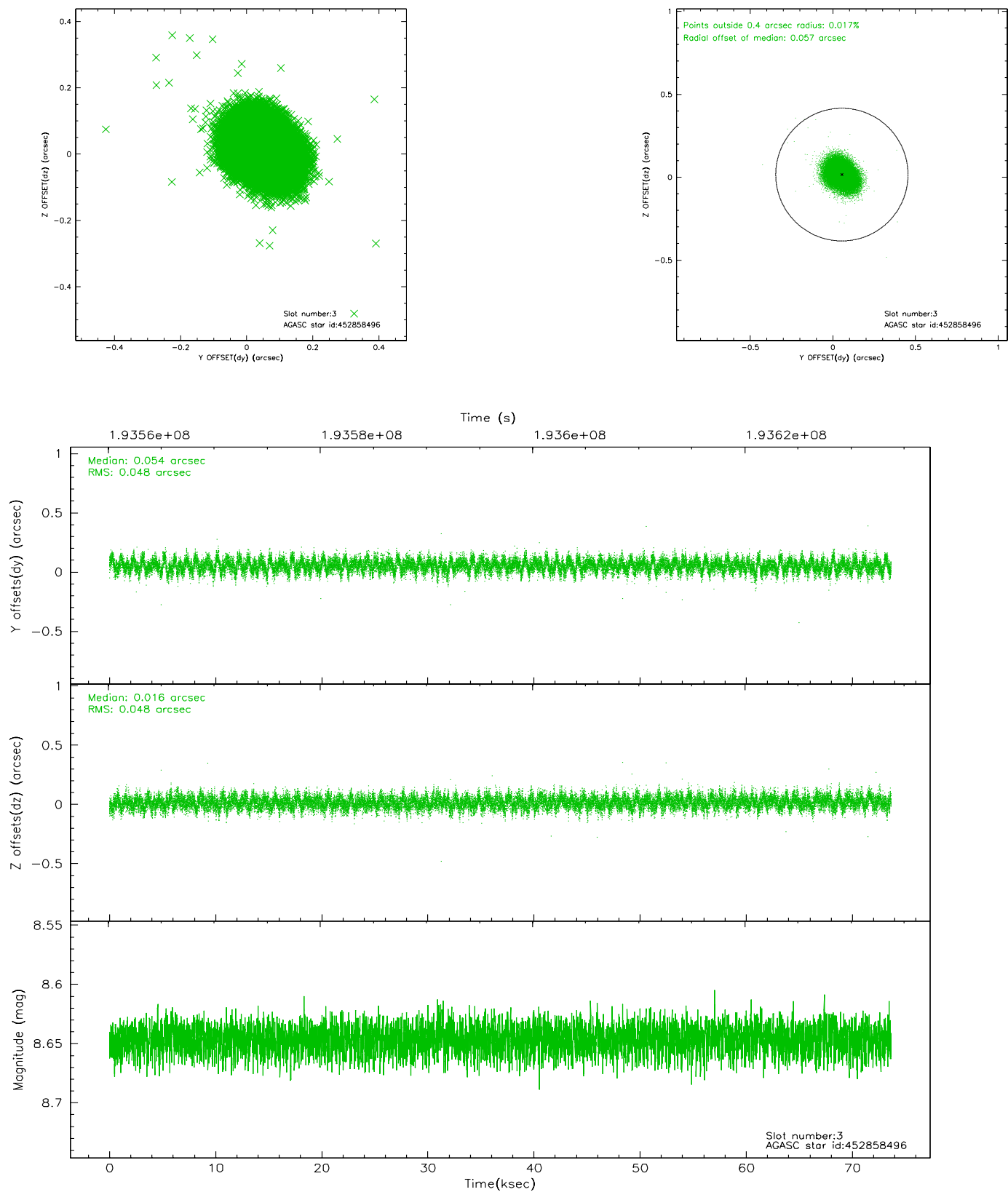


Slot Statistics

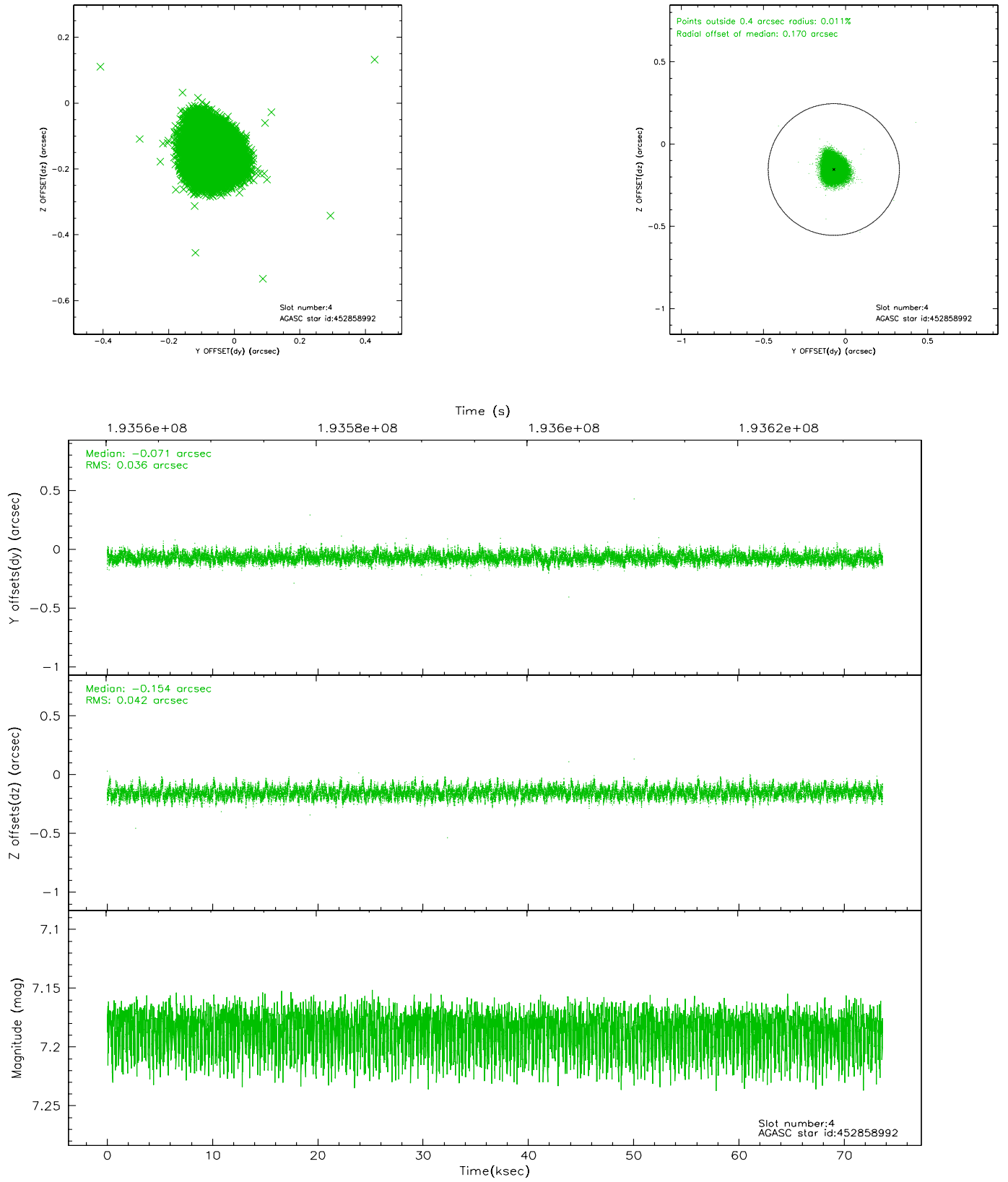
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	17967	-0.035	-0.023	0.007	0.013	0.000000	0.000000	-759.25	-1730.28
1	FID	ACIS-S-4	7.20	17966	0.042	0.023	0.005	0.009	0.000000	0.000000	2154.13	178.33
2	FID	ACIS-S-5	7.23	17965	-0.038	0.009	0.007	0.012	0.000000	0.000000	-1812.18	171.90
3	GUIDE	452858496	8.65	35918	0.054	0.016	0.072	0.117	183.591783	47.048083	455.66	835.34
4	GUIDE	452858992	7.18	35934	-0.071	-0.154	0.058	0.095	183.815161	47.115501	264.39	267.54
5	GUIDE	452861136	10.19	35901	0.004	0.137	0.138	0.220	184.181006	47.606547	971.80	-1581.71
6	GUIDE	452862368	9.69	35899	0.051	0.006	0.125	0.199	183.447594	46.710702	-197.45	1919.08
7	GUIDE	452859672	7.84	17961	-0.074	-0.019	0.060	0.097	183.661987	47.013592	247.46	792.49

2.4 Star Slots

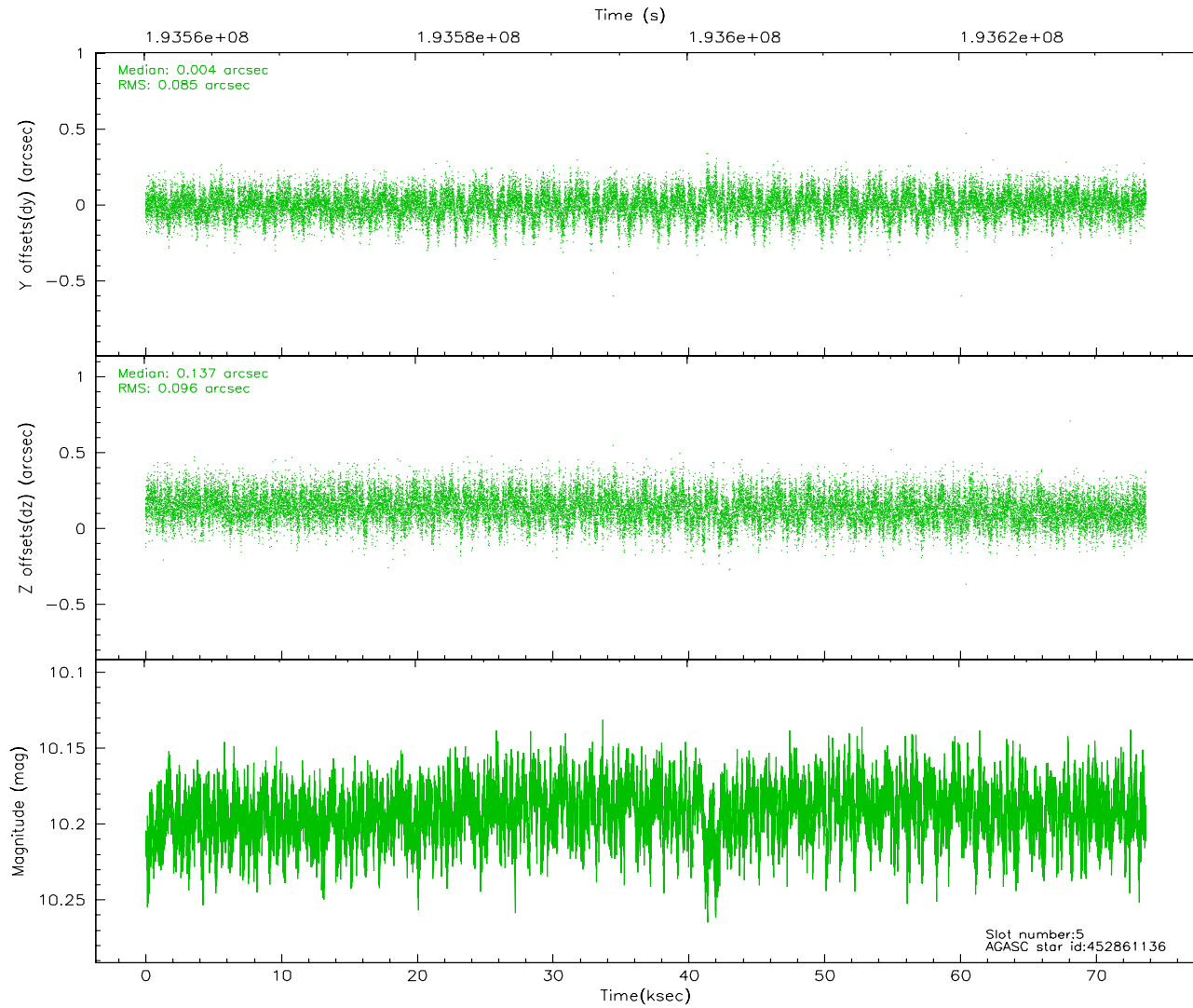
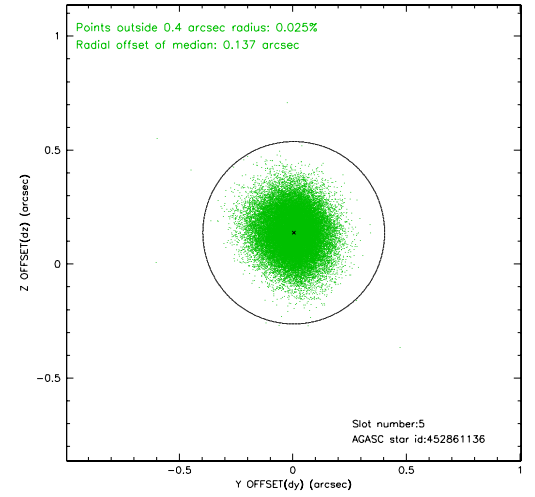
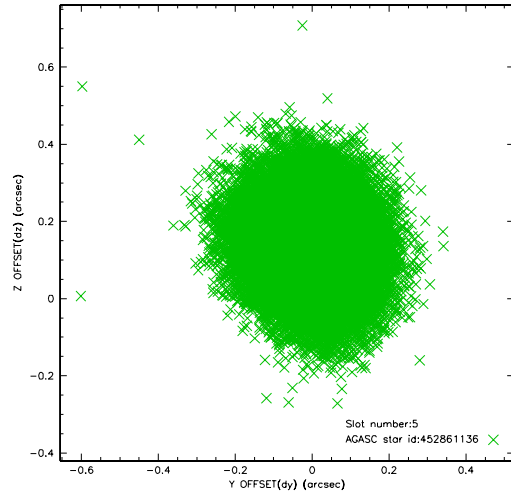
2.4.1 Slot 3



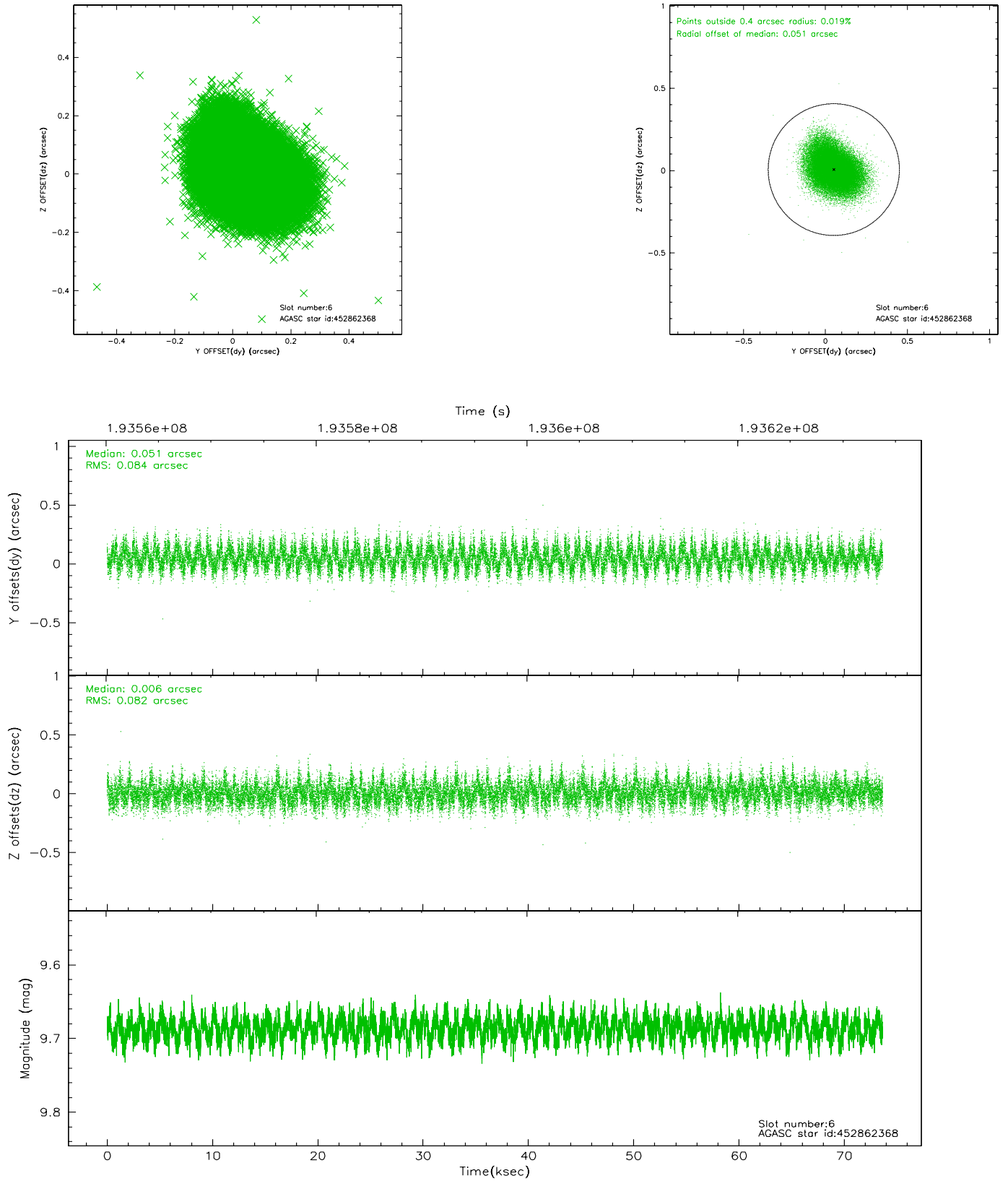
2.4.2 Slot 4



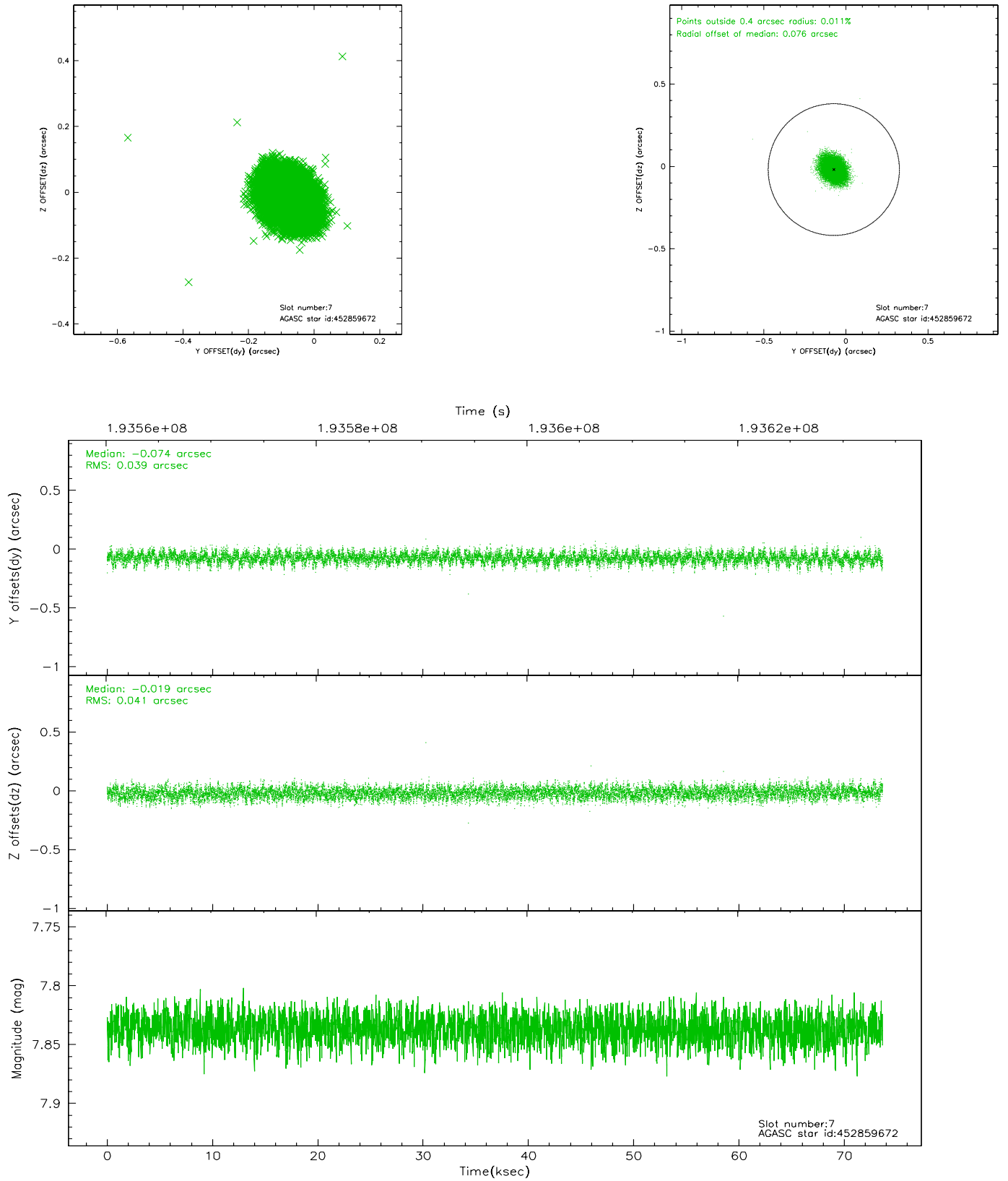
2.4.3 Slot 5



2.4.4 Slot 6

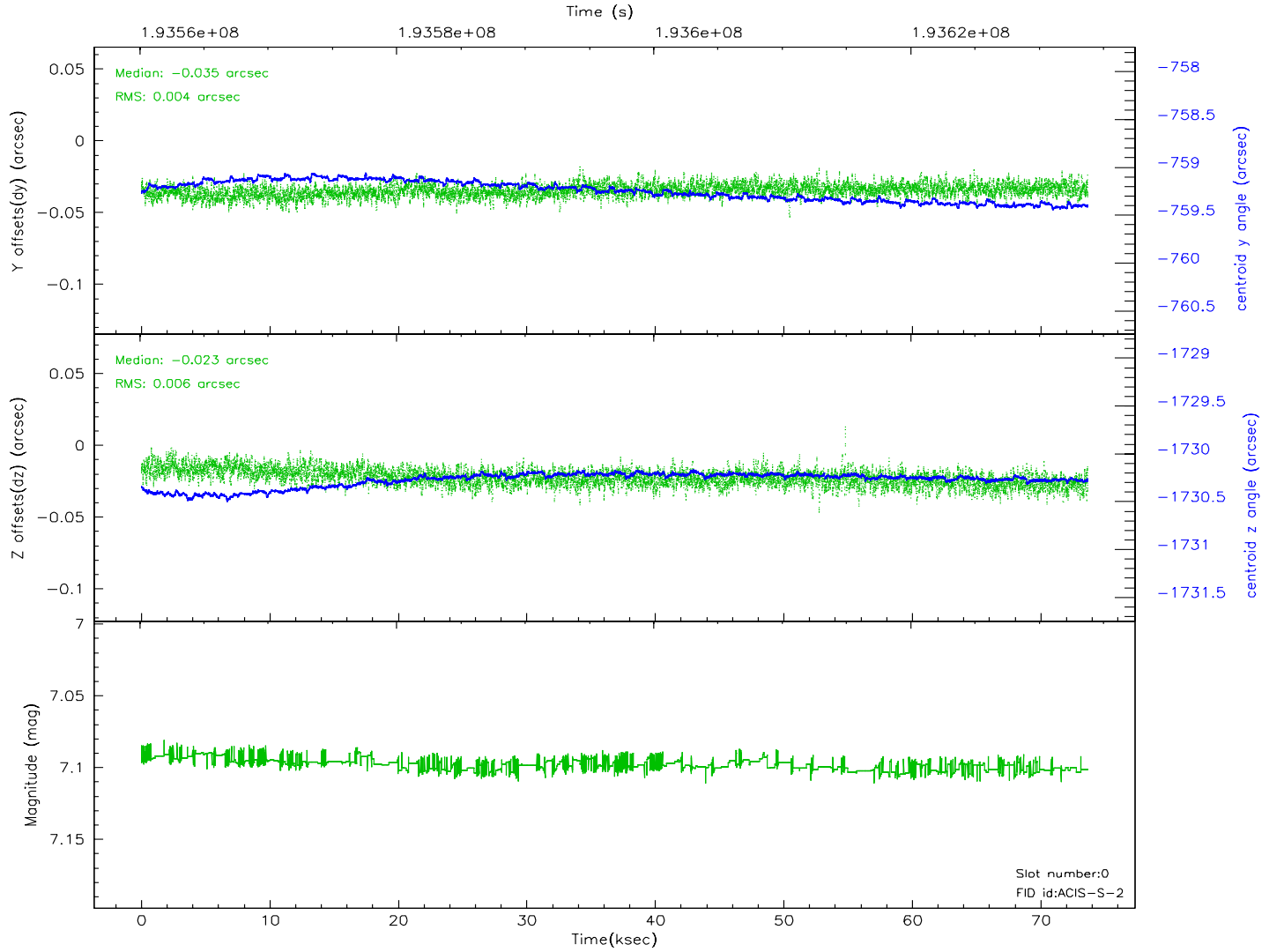
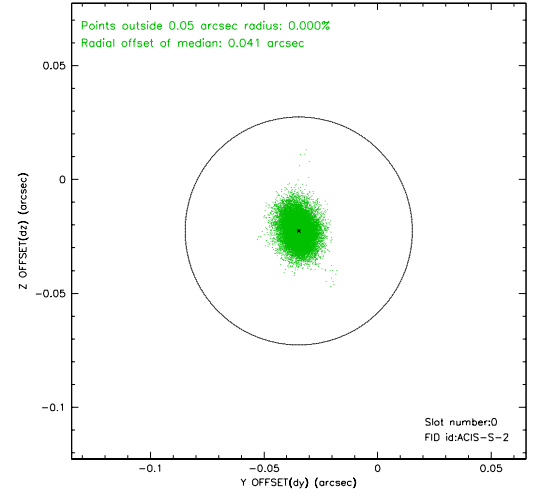
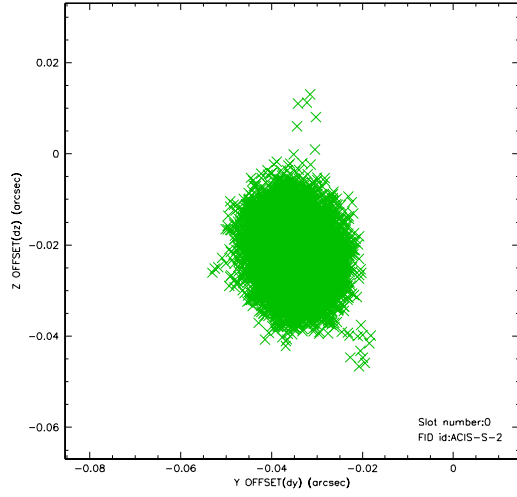


2.4.5 Slot 7

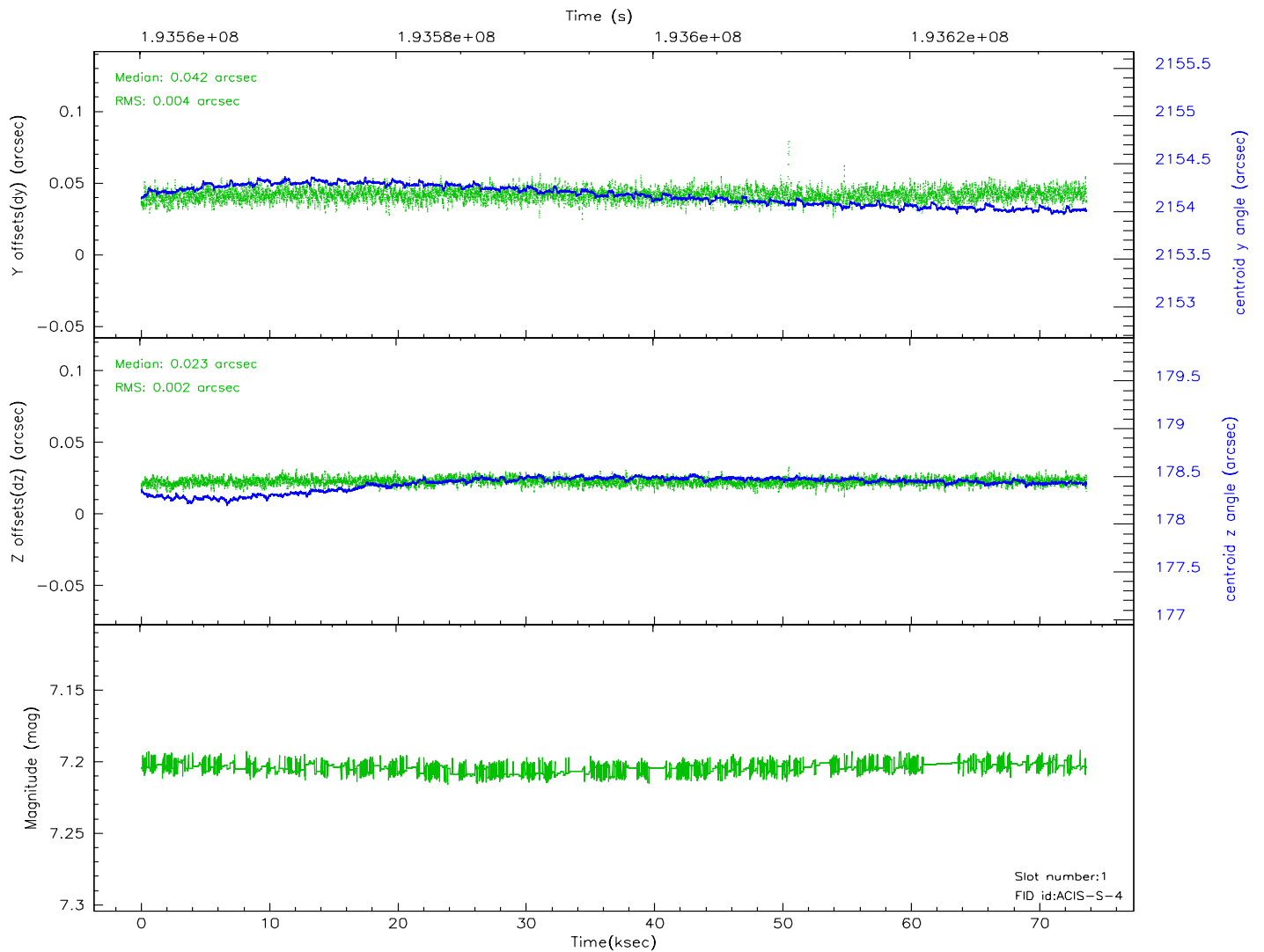
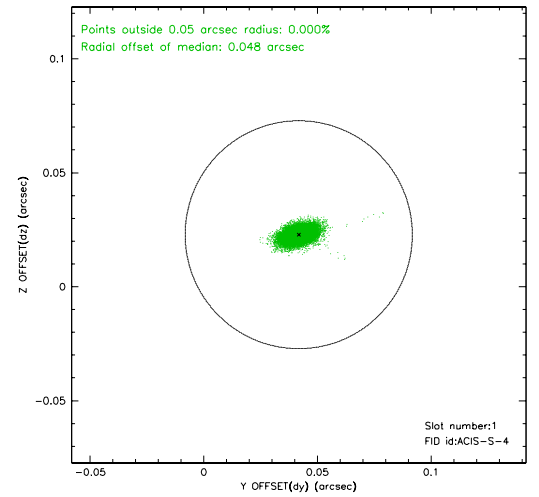
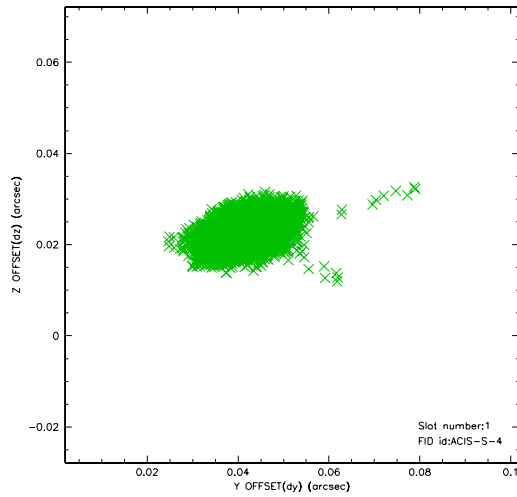


2.5 FID Slots

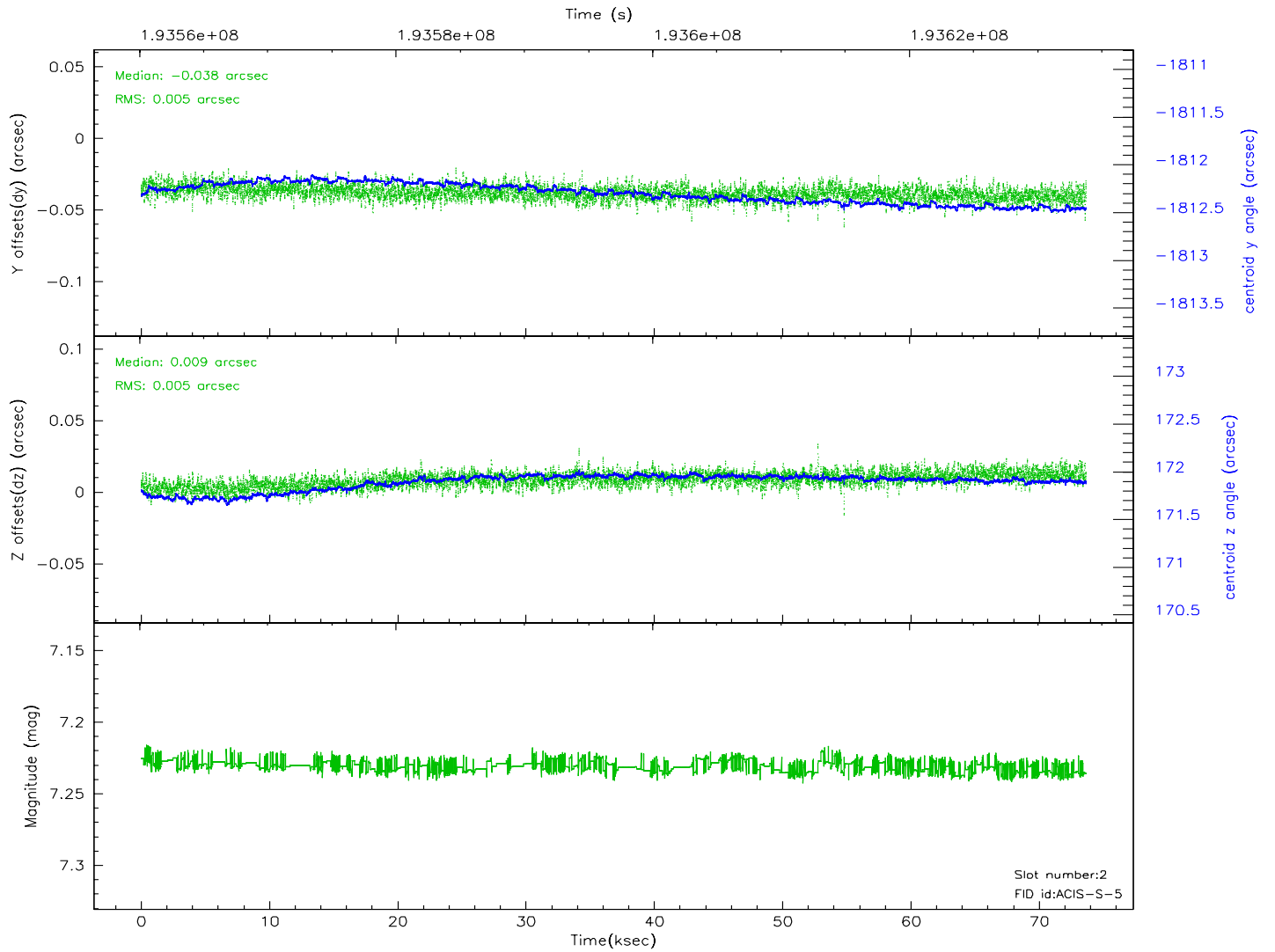
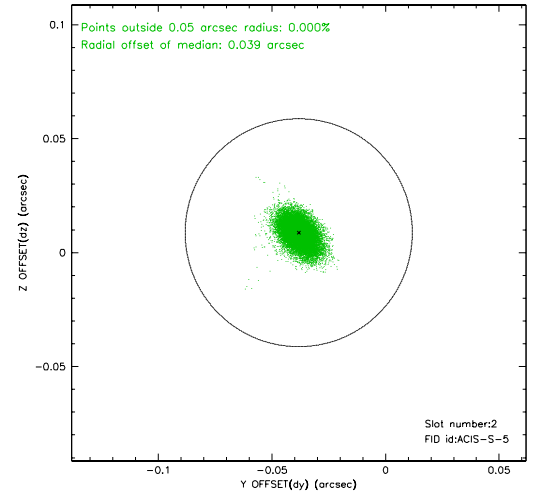
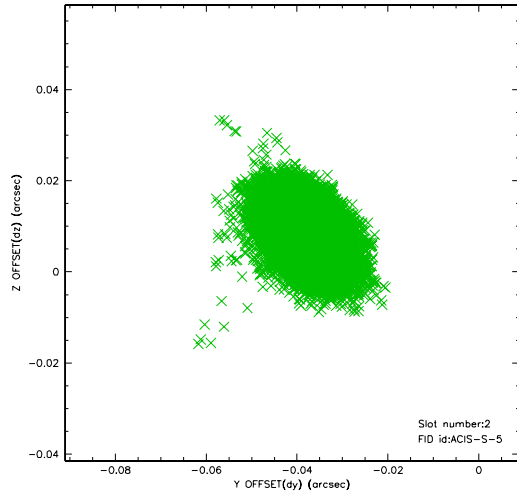
2.5.1 Slot 0



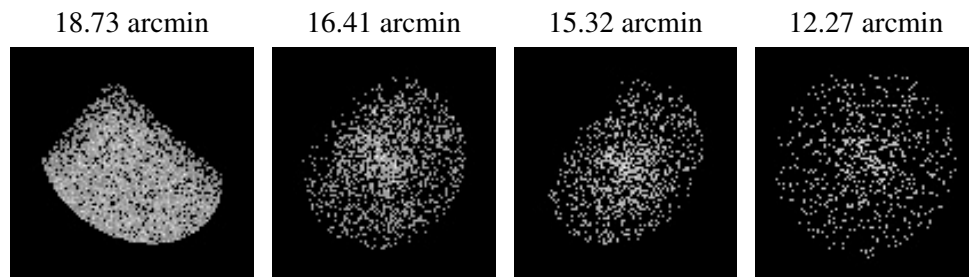
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.06.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	73.66

A.2 Comments