

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4203 - L2 Version 001
Chandra X-Ray Center

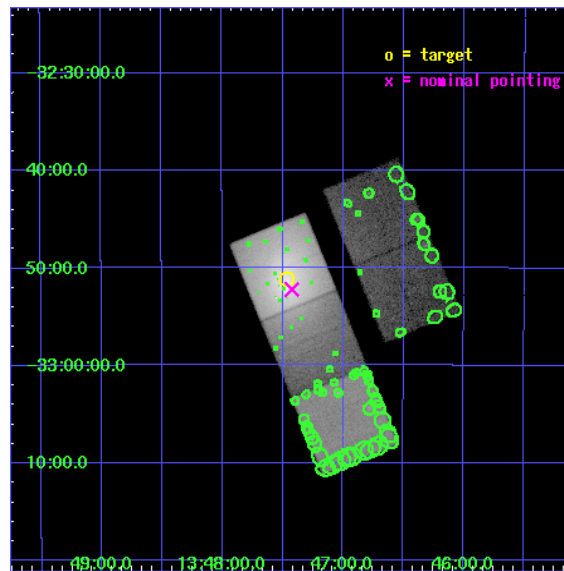
L2 Processing Date : Jul 12 2006

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1 Front

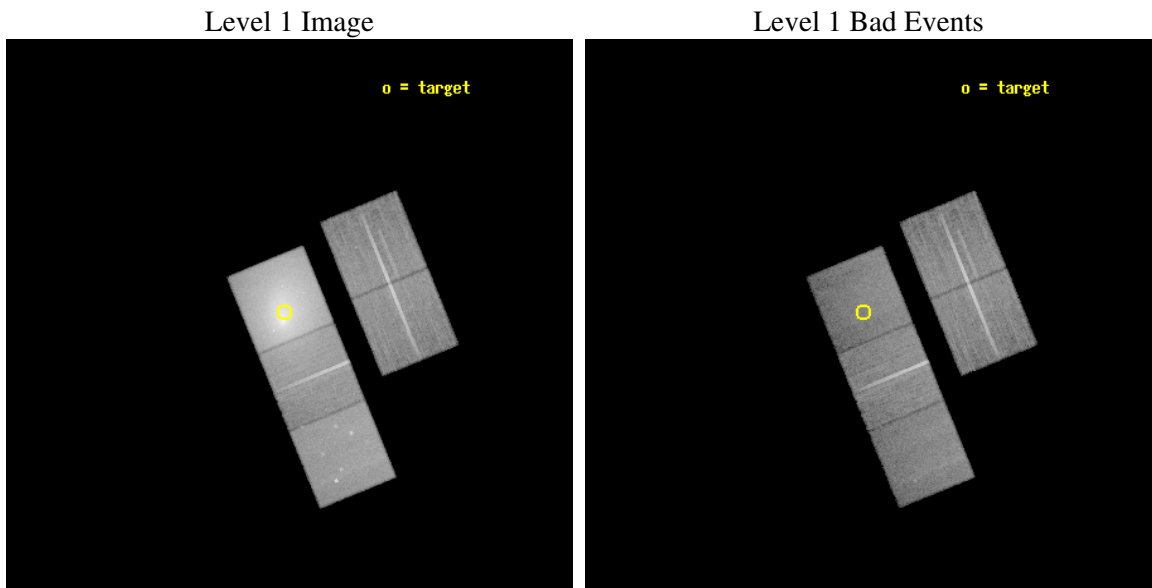
seq_num	800359
obs_id	4203
title	TEMPERATURE AND METAL ABUNDANCE DISTRIBUTIONS OF THE HOT GAS WITHIN ABELL 3571
observer	Dr. Jimmy Irwin
object	A3571
dtcycle	0
cycle	P
ra_targ	206.86708
dec_targ	-32.85189
ra_nom	206.85586763686
dec_nom	-32.870380349678
roll_nom	247.74750016288
revision	2
ontime	34437.899933785
livetime	33987.943418337
ontime2	34431.618033201
ontime3	34428.477013171
ontime5	34437.899933785
ontime6	34437.899933785
ontime7	34437.899933785
l2events	798440



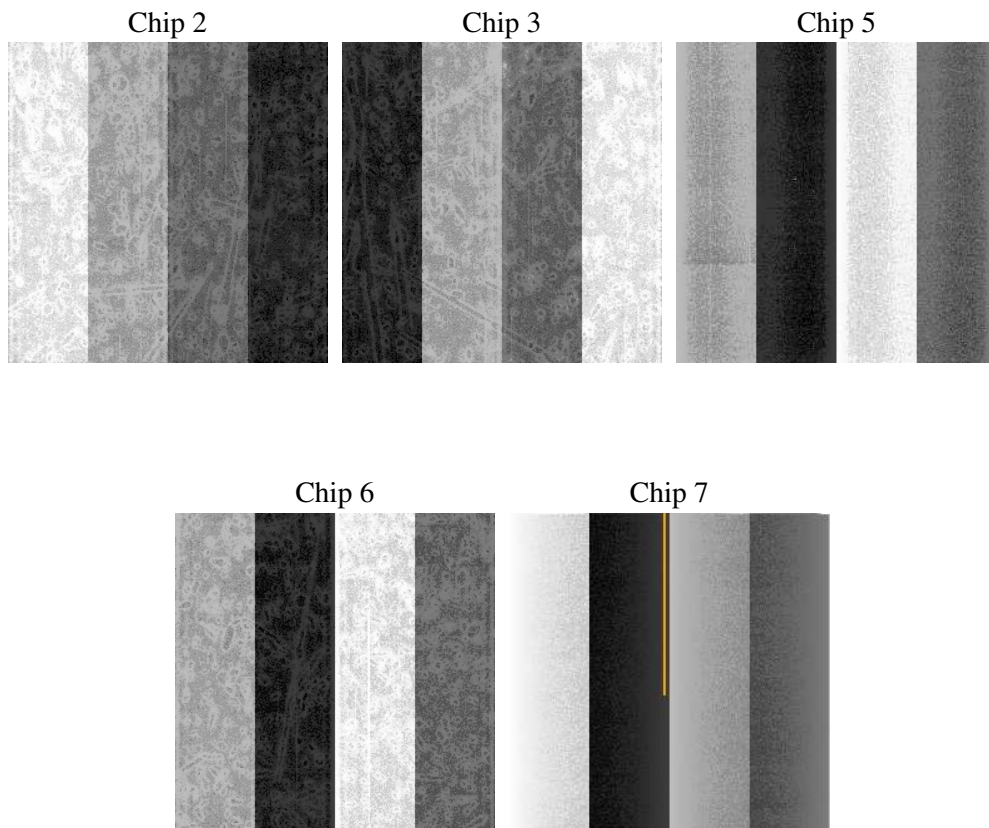
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-12T19:53:55
revision	2

sched_exp_time	34592.000000
ontime	34441.09261924
ontime2	34434.810718656
ontime3	34431.669698626
ontime5	34441.09261924
ontime6	34441.09261924
ontime7	34441.09261924
l1events	1551325

2.1.4 Events

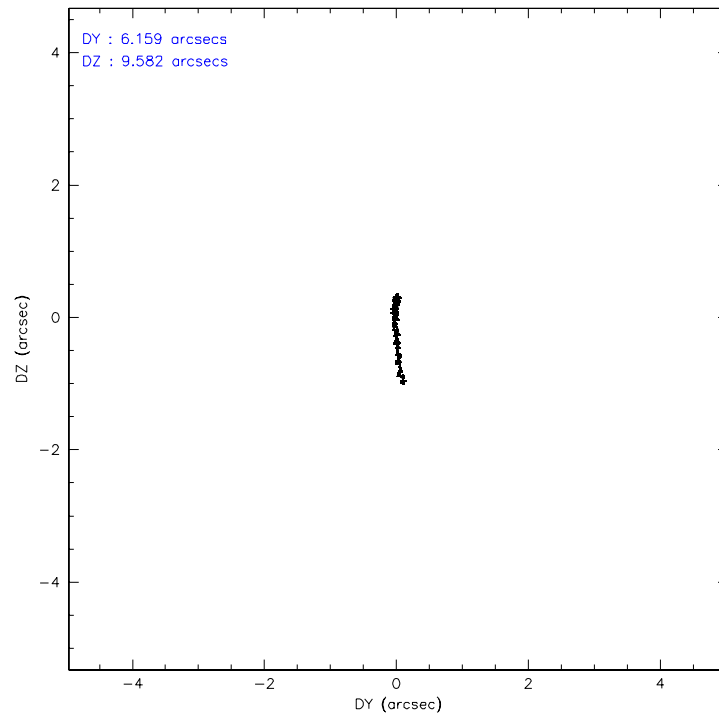
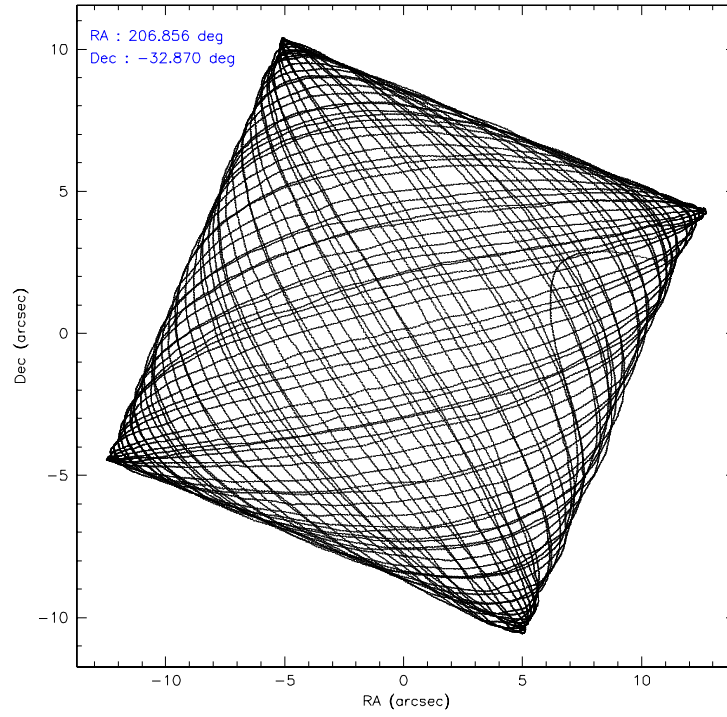
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
level 1 events	190891	188629	263127	265115	643563
rejected events	163262	160461	125120	160433	118964
rejected %	85%	85%	47%	60%	18%

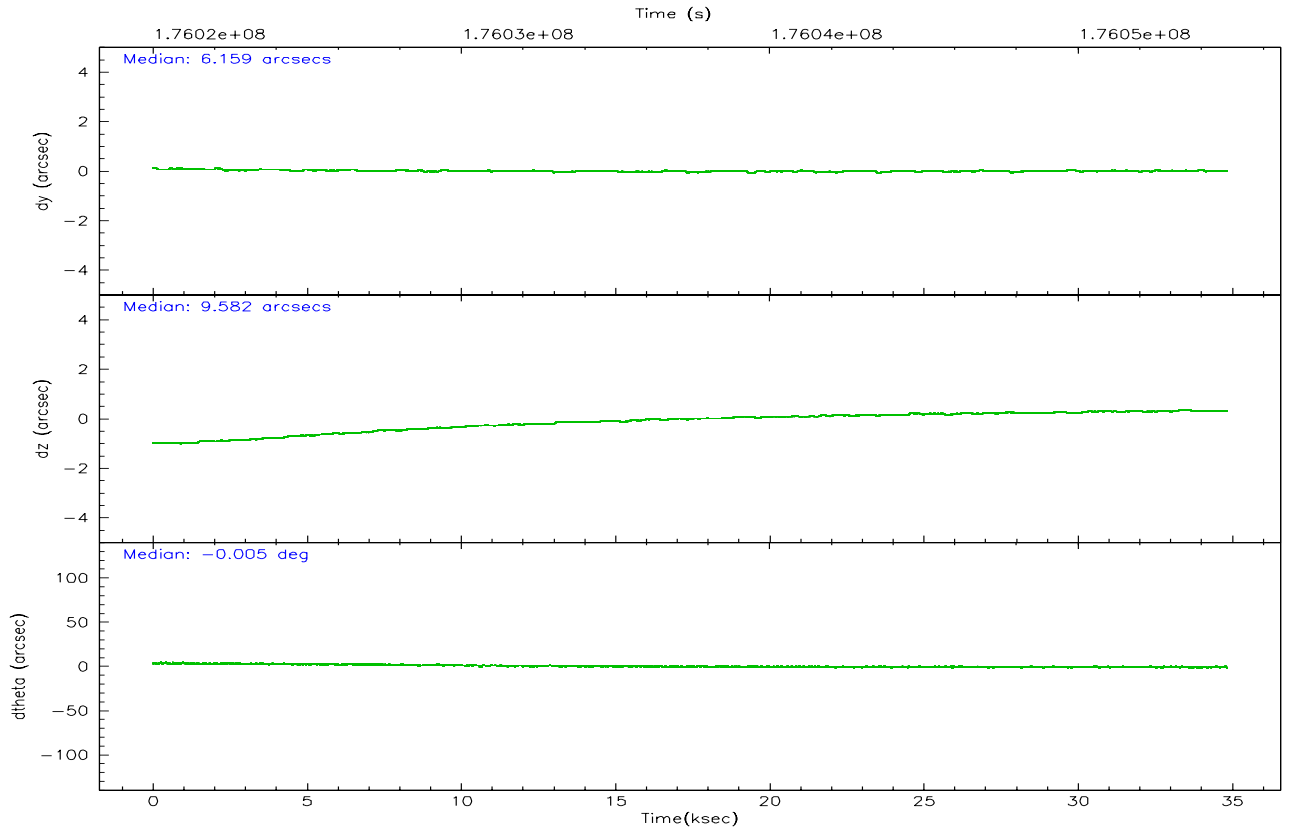
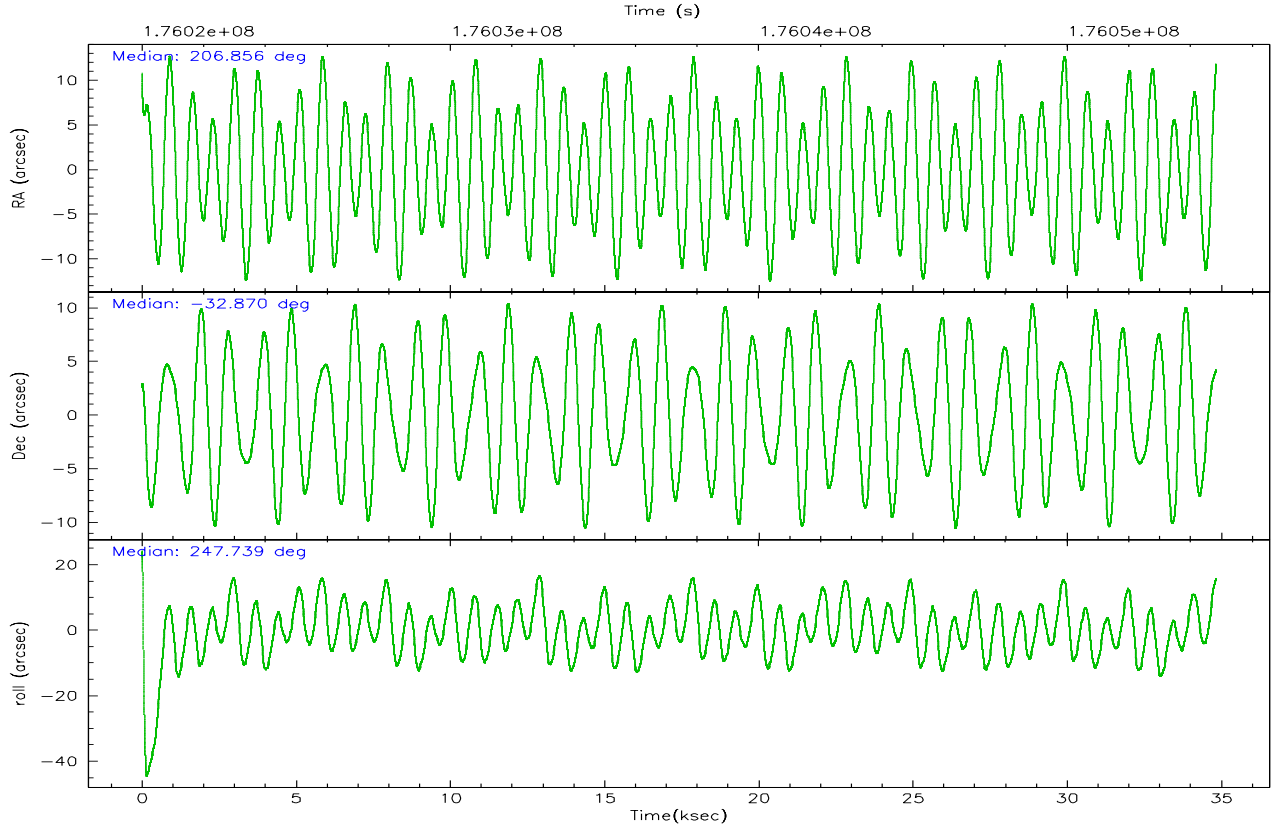
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
grade 0 events	14741	15475	13281	76767	122833
	7%	8%	5%	28%	19%
grade 1 events	129	138	326	347	195
	0%	0%	0%	0%	0%
grade 2 events	5035	4553	43882	12693	144931
	2%	2%	16%	4%	22%
grade 3 events	2230	2328	4589	4725	52649
	1%	1%	1%	1%	8%
grade 4 events	2220	2306	4414	4475	51564
	1%	1%	1%	1%	8%
grade 5 events	5729	6718	12962	7263	18137
	3%	3%	4%	2%	2%
grade 6 events	3405	3506	71854	6030	152673
	1%	1%	27%	2%	23%
grade 7 events	157402	153605	111819	152815	100581
	82%	81%	42%	57%	15%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23567	ACIS-23567	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	206.851047	206.8558676368584	Alternating exposures requested	N	N
Pointing Dec	-32.843457	-32.87038034967812	Primary exposure time	0.000000	3.1
Pointing Roll	247.588234	247.7475001628808			
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	176020237.184000	176019232.42576			
Observation start date	2003-07-31T06:29:33	2003-07-31T06:13:52			
Observation end time	176054829.184000	176055527.16481			
Observation end date	2003-07-31T16:06:05	2003-07-31T16:18:47			
Read mode	TIMED	TIMED			

2.3 Aspect



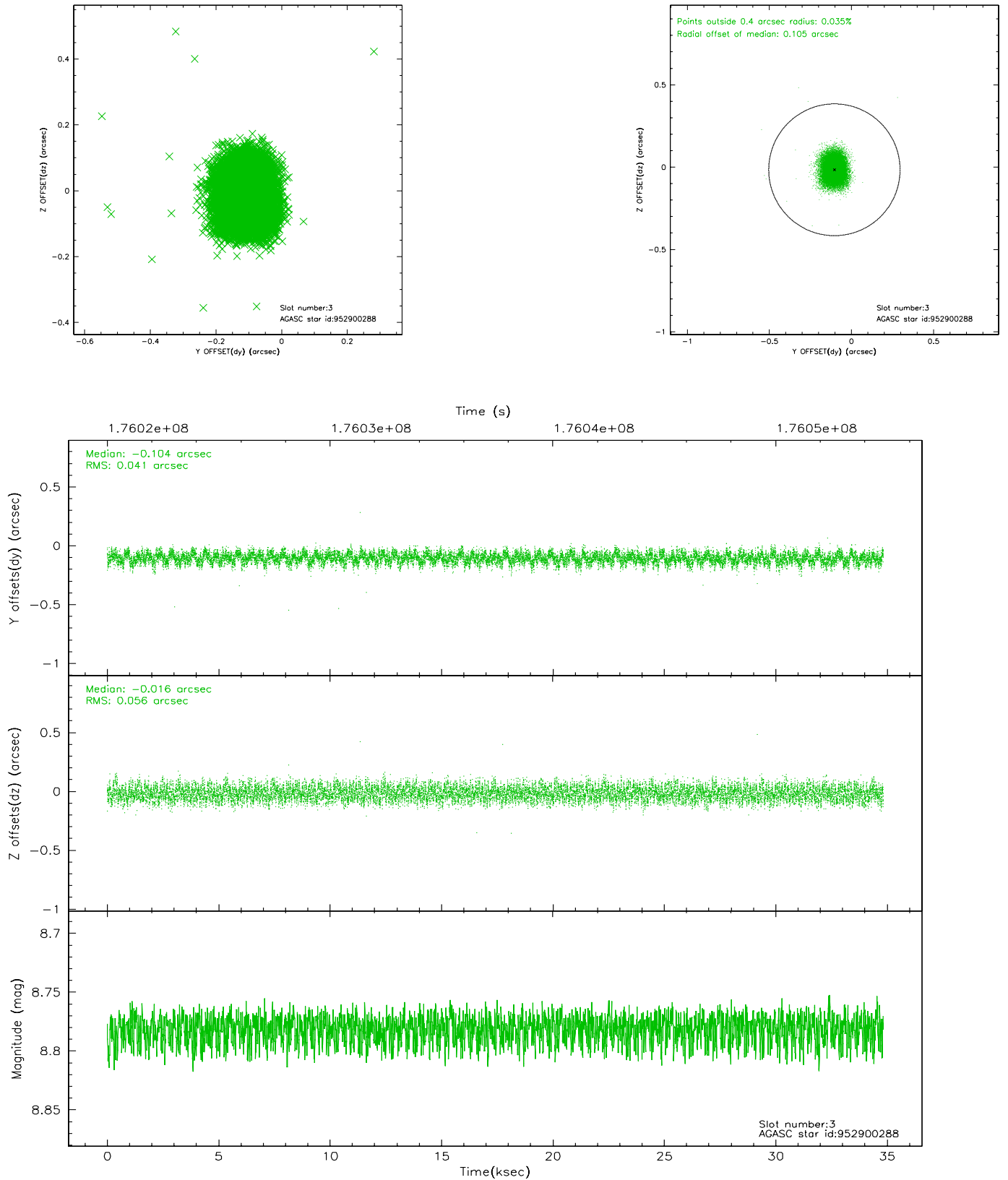


Slot Statistics

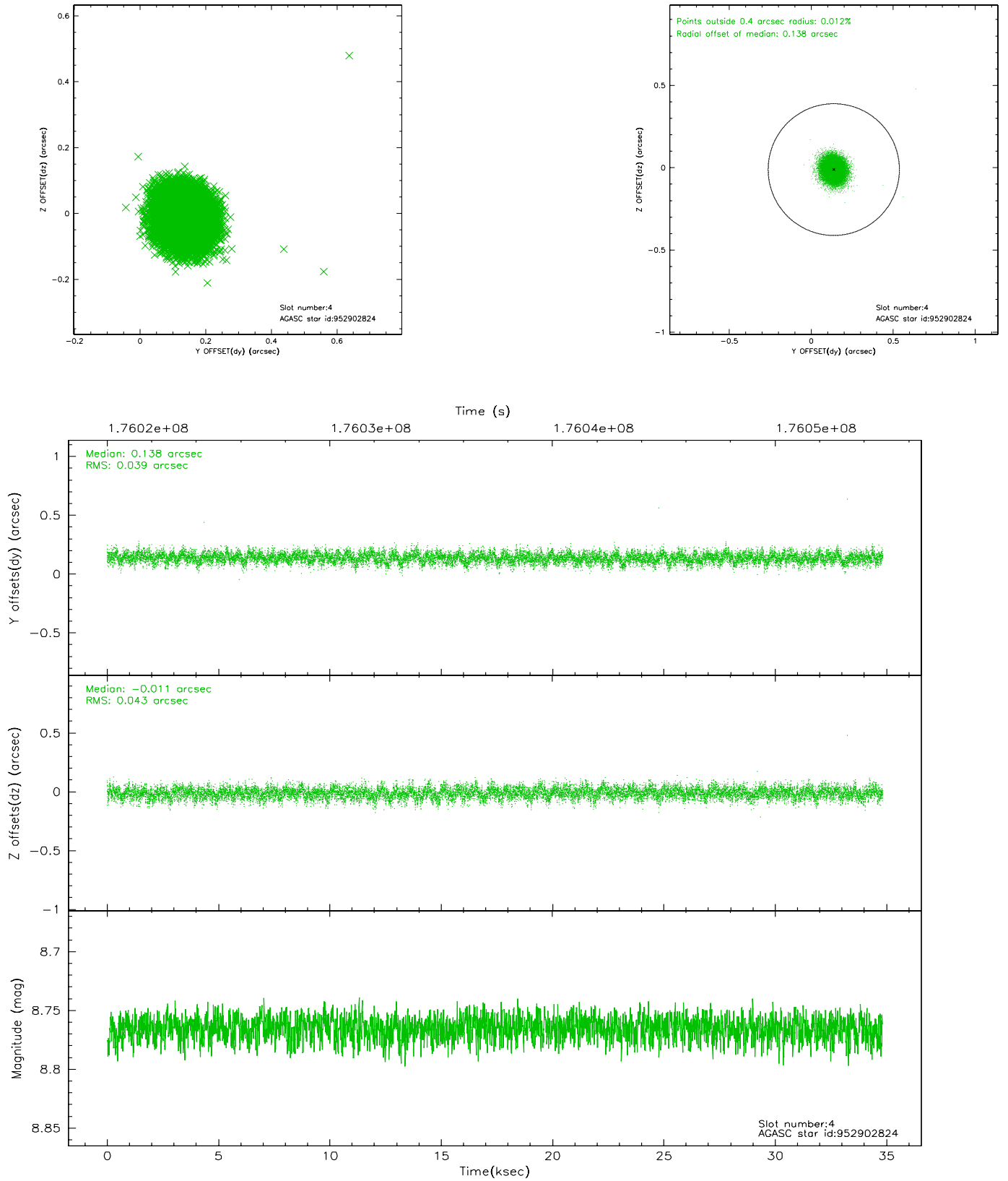
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	8495	-0.018	0.015	0.011	0.030	0.000000	0.000000	937.10	-1726.31
1	FID	ACIS-S-4	7.20	8495	0.016	0.001	0.009	0.017	0.000000	0.000000	2154.58	177.78
2	FID	ACIS-S-5	7.23	8494	-0.027	-0.005	0.009	0.020	0.000000	0.000000	-1811.71	171.45
3	GUIDE	952900288	8.78	16986	-0.104	-0.016	0.074	0.118	206.330449	-32.324749	-1118.50	-2174.44
4	GUIDE	952902824	8.77	16986	0.138	-0.011	0.061	0.099	206.628429	-32.736097	-99.23	-770.11
5	GUIDE	952903936	9.87	16665	0.251	0.055	0.116	0.186	206.251681	-33.209517	1912.03	-1163.88
6	GUIDE	954605440	7.07	16991	-0.054	-0.108	0.057	0.091	207.497197	-32.665175	-1334.40	1567.89
7	GUIDE	952900464	9.62	16975	-0.229	0.074	0.121	0.194	206.724550	-32.098200	-2332.83	-1379.42

2.4 Star Slots

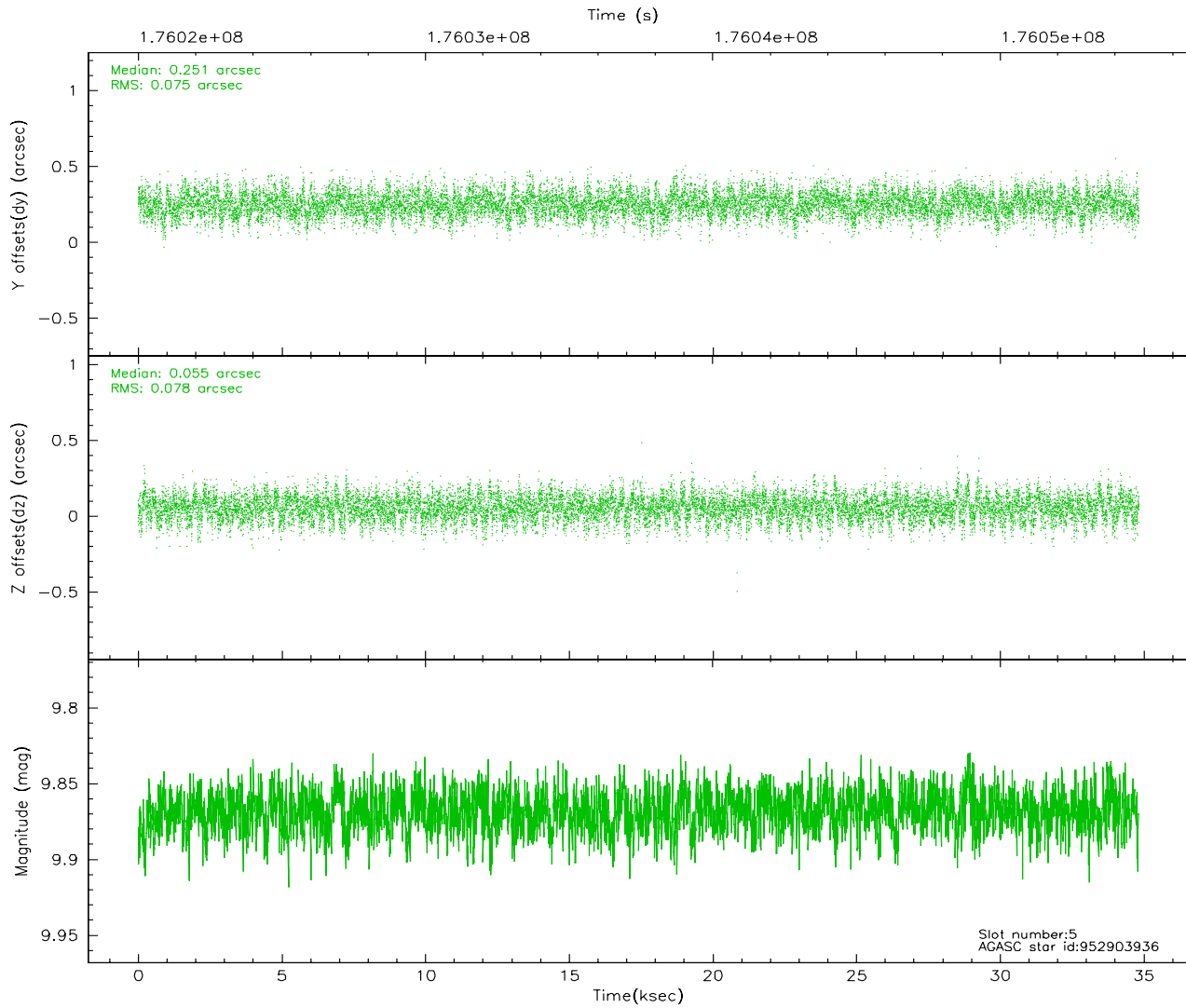
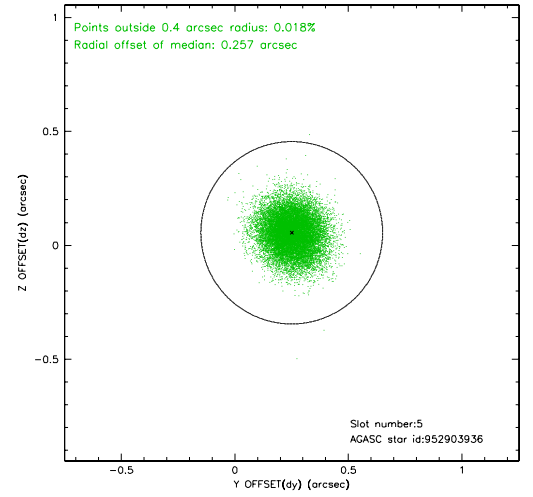
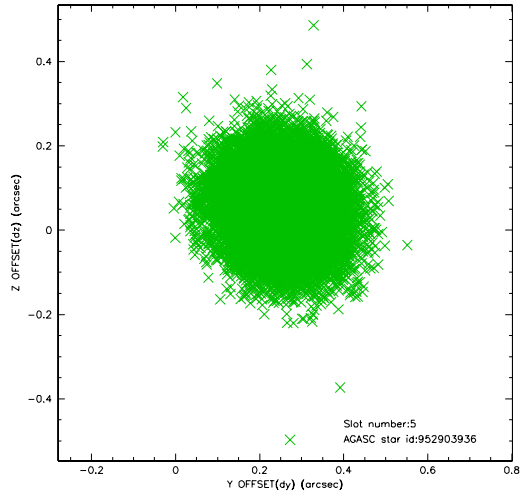
2.4.1 Slot 3



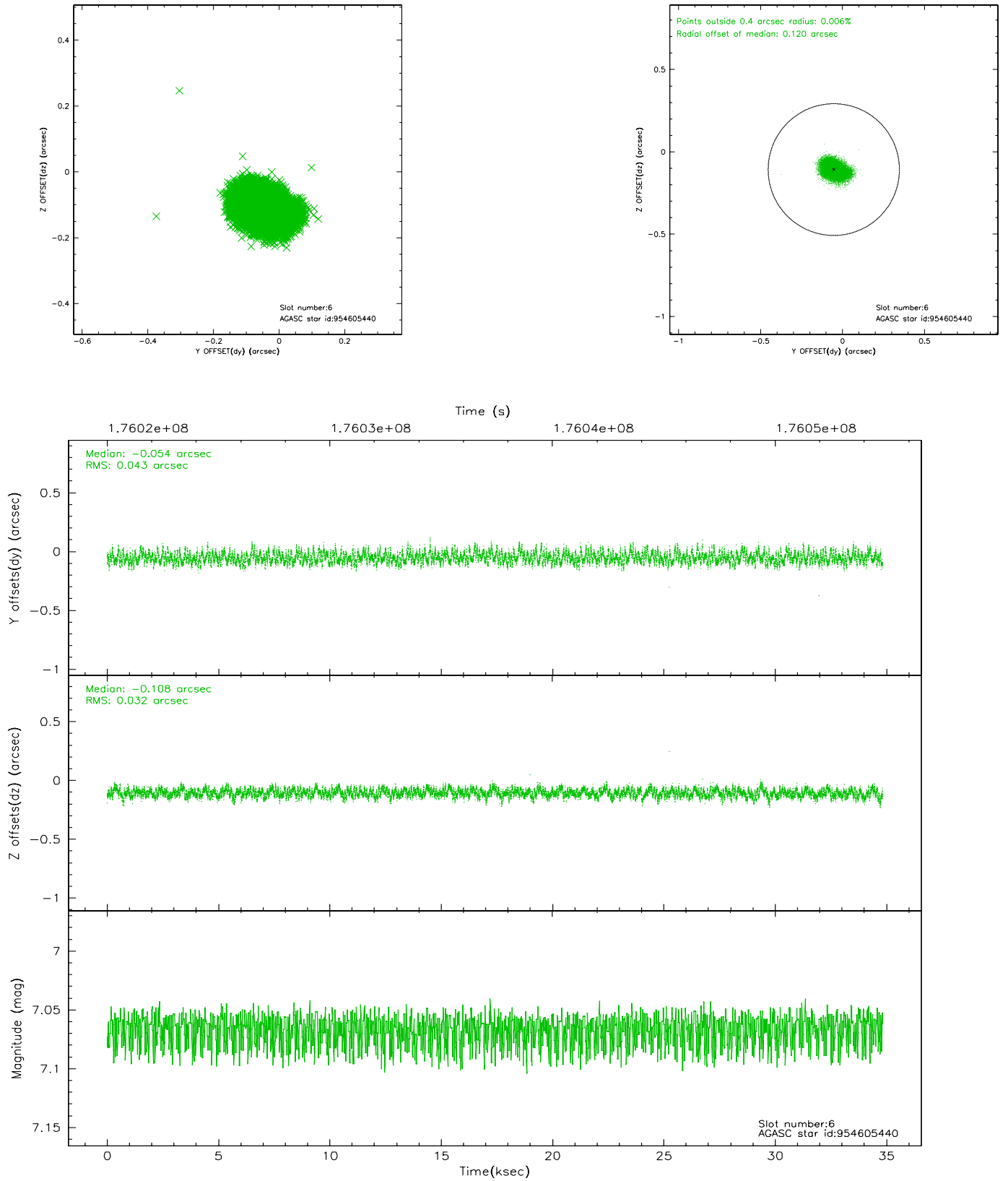
2.4.2 Slot 4



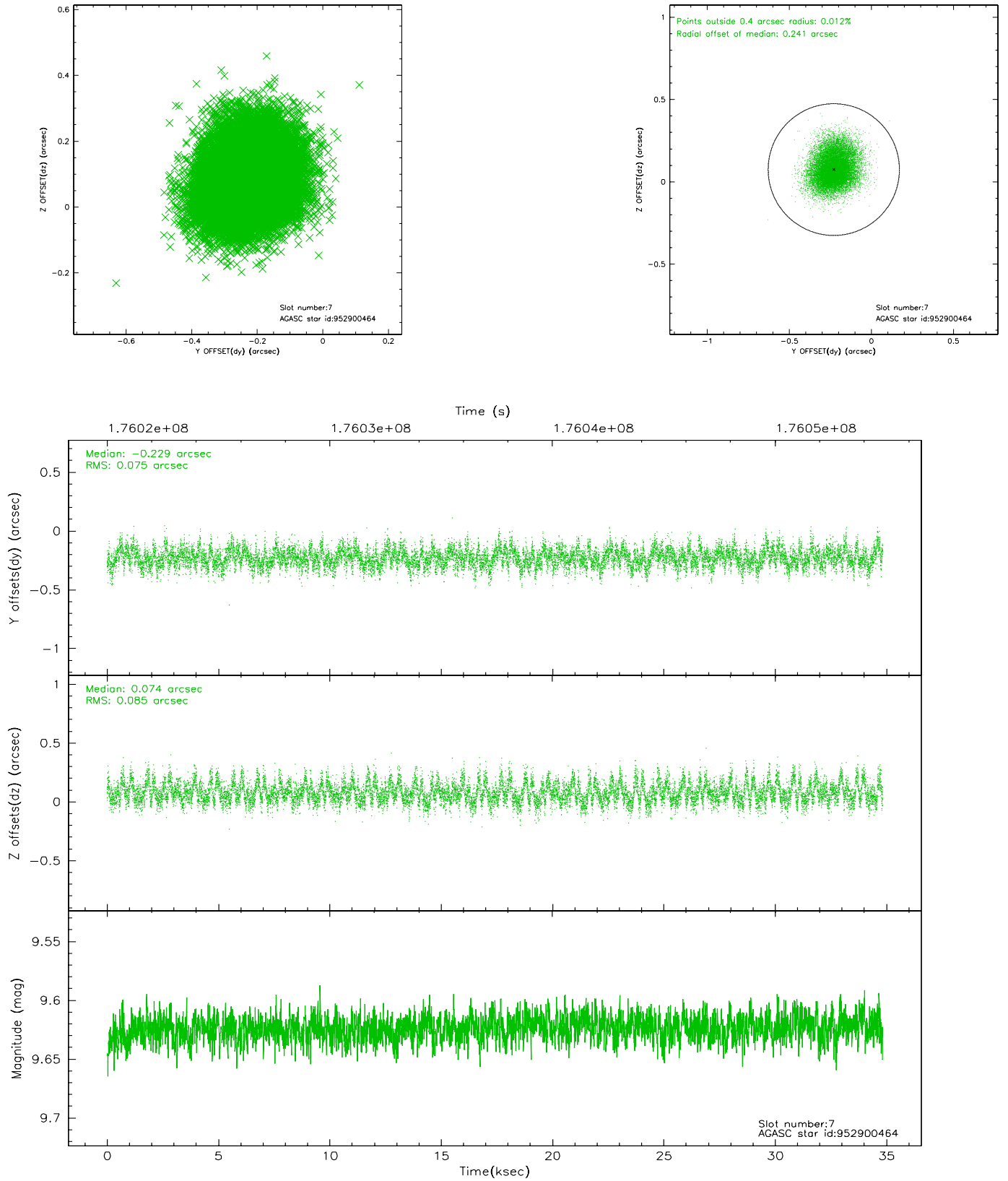
2.4.3 Slot 5



2.4.4 Slot 6

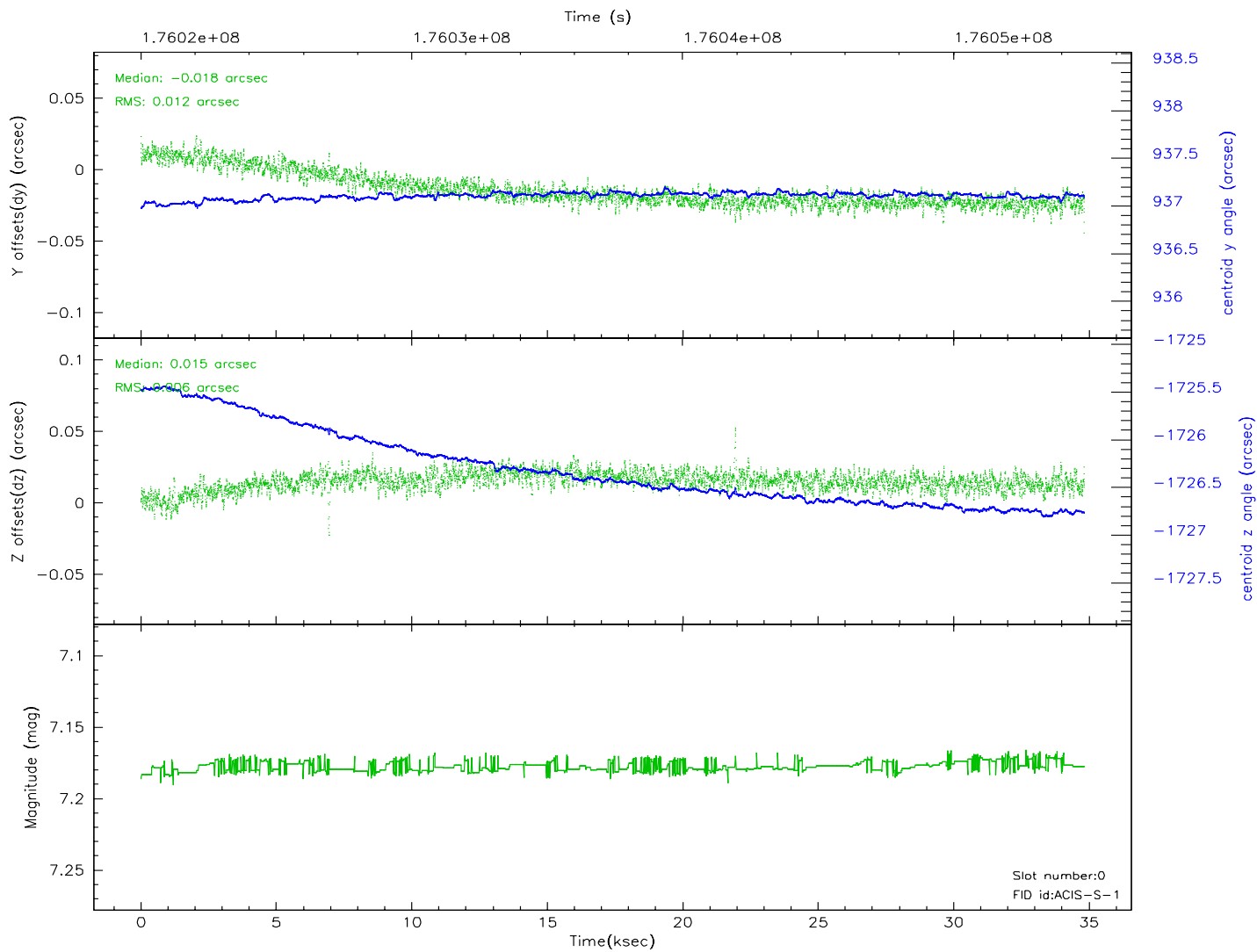
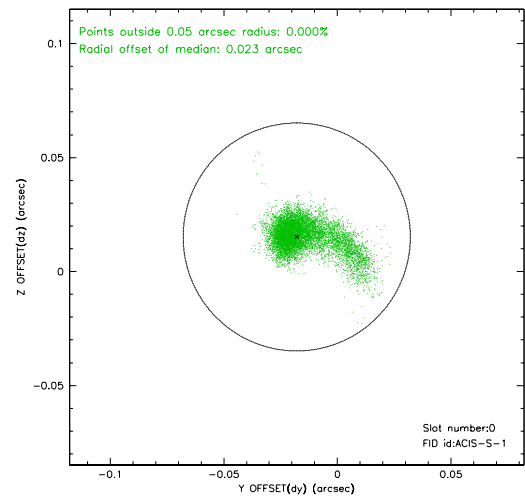
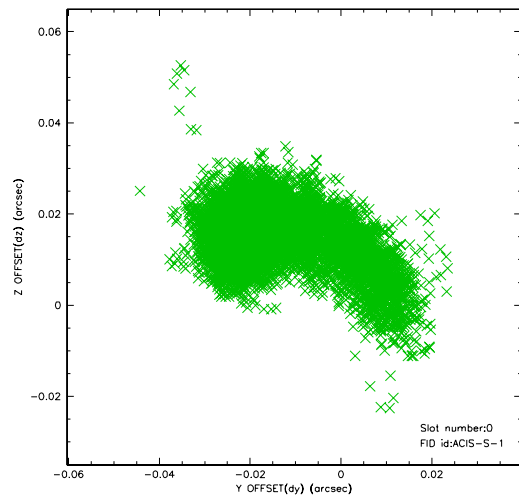


2.4.5 Slot 7

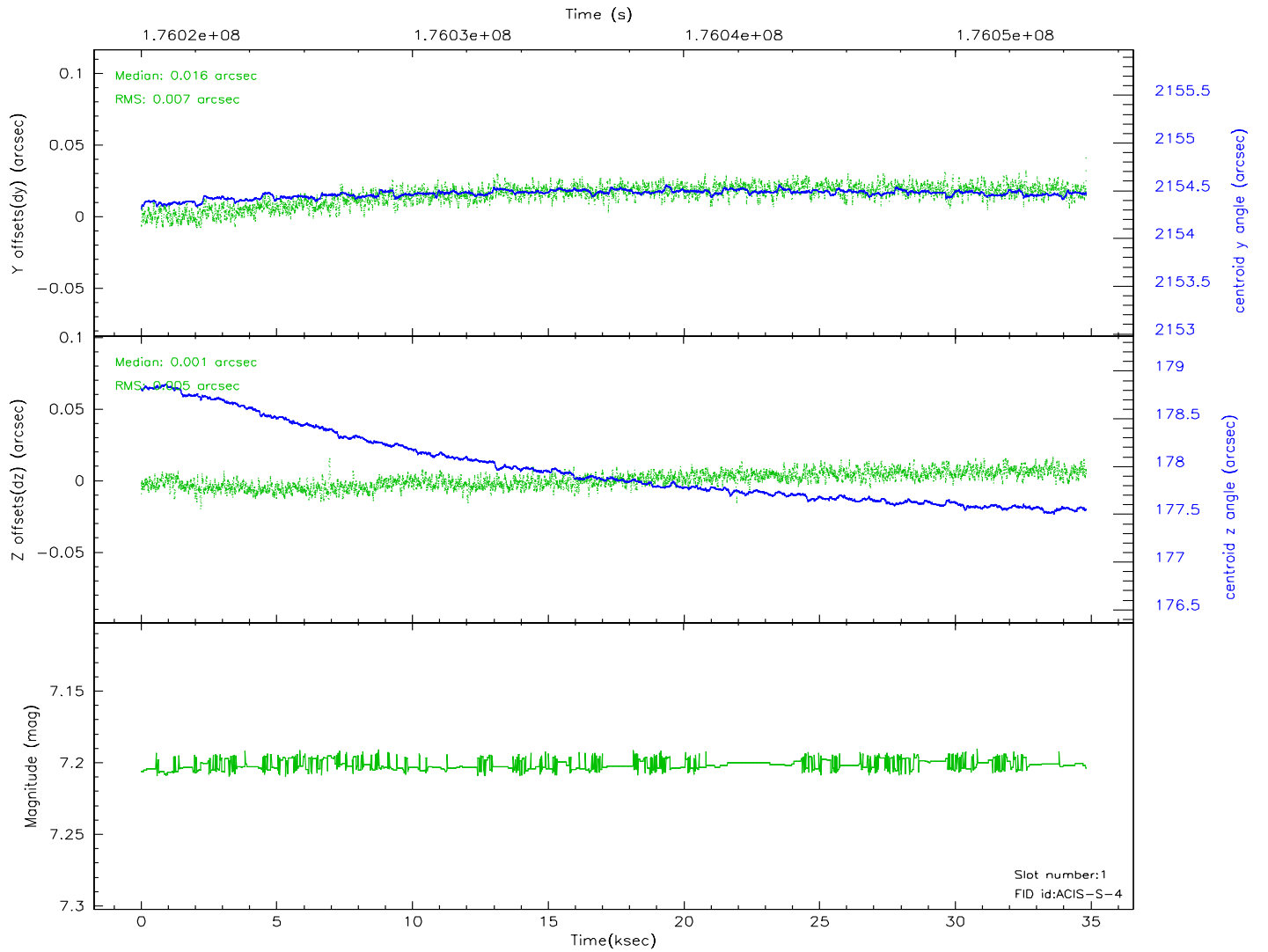
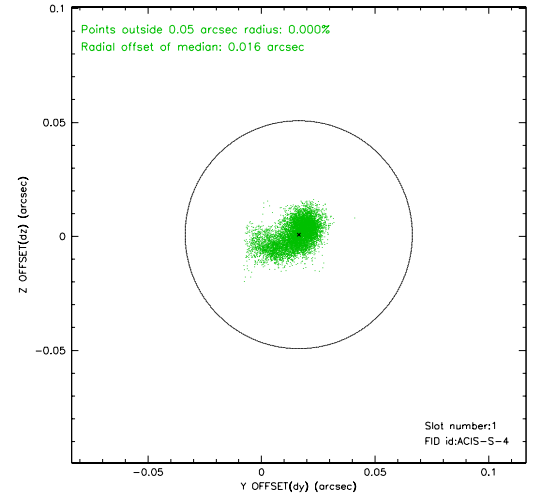
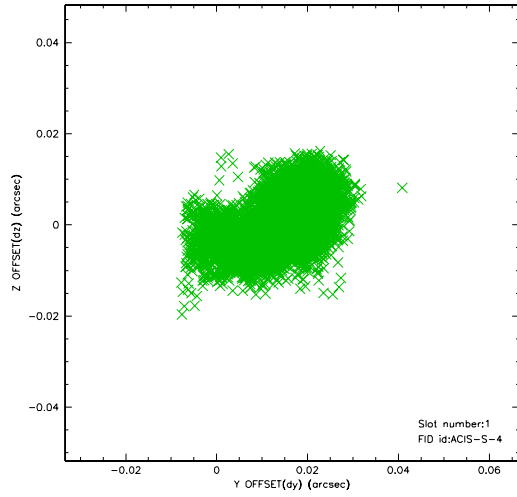


2.5 FID Slots

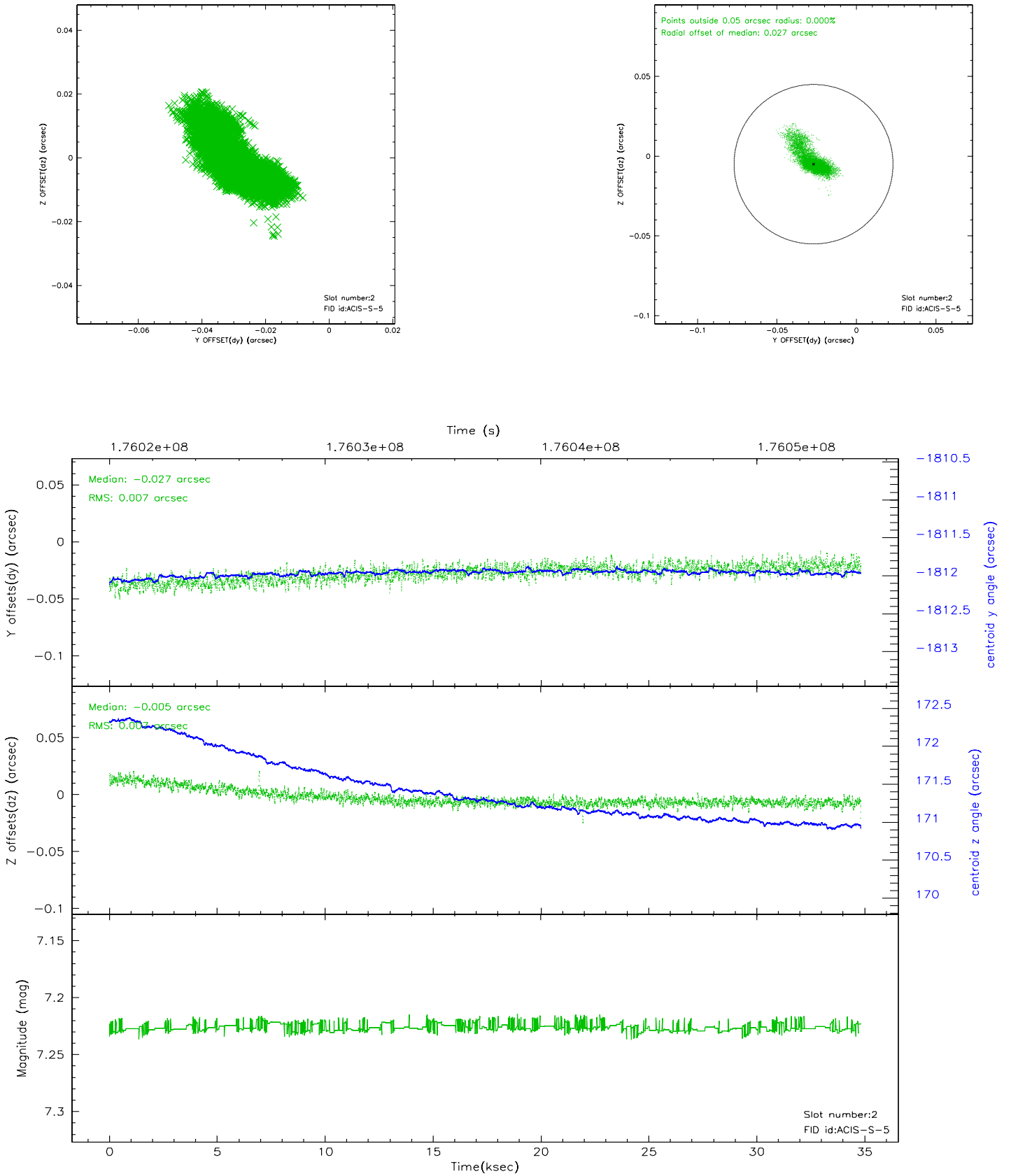
2.5.1 Slot 0



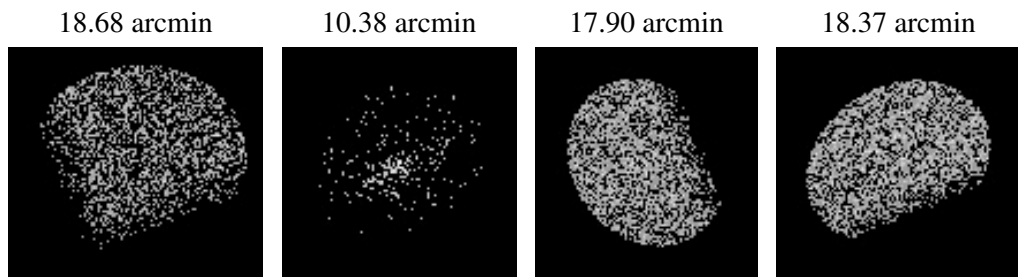
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	34.435

A.2 Comments