

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5636 - L2 Version 002
Chandra X-Ray Center

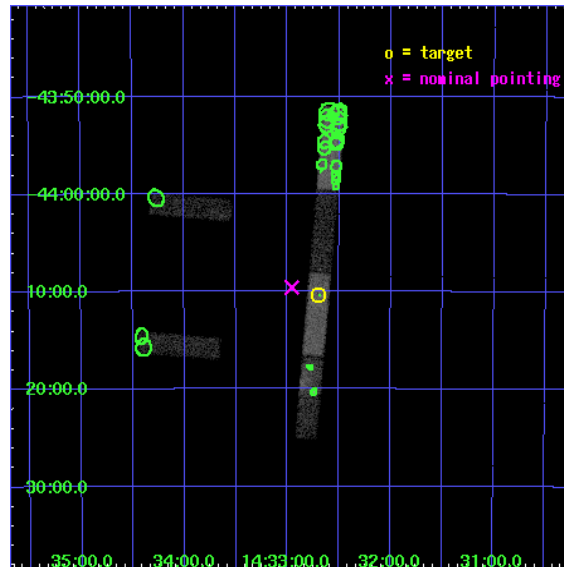
L2 Processing Date : Apr 7 2006

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1 Front

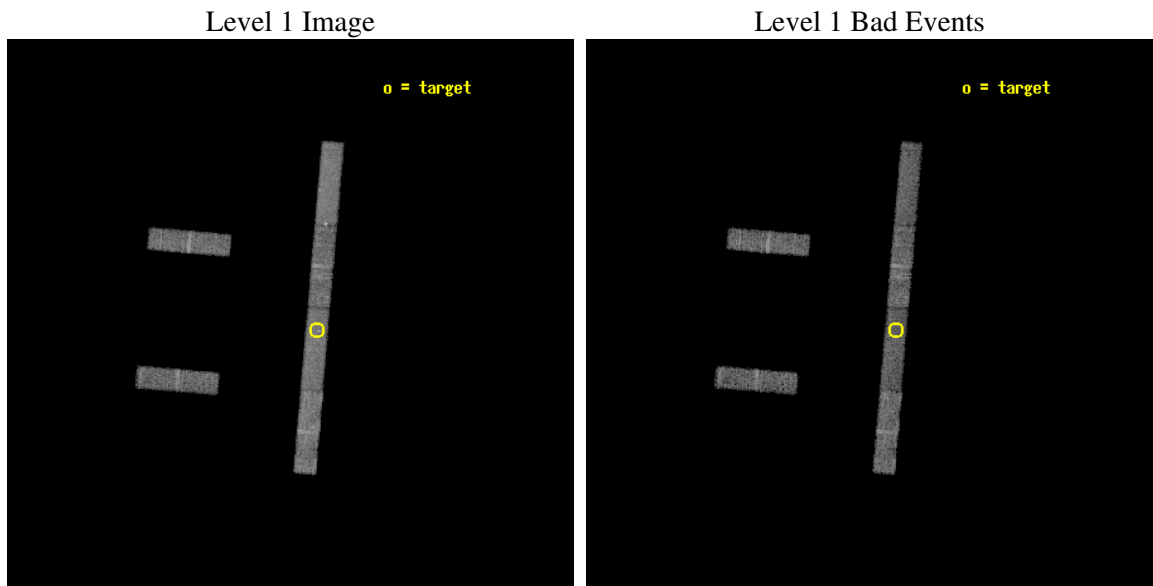
seq_num	701059
obs_id	5636
title	A Chandra observation of a possible transient AGN/ULX pair in NGC5643
observer	Dr Matteo Guainazzi
object	NGC5643
dtcycle	0
cycle	P
ra_targ	218.17375
dec_targ	-44.173333
ra_nom	218.23929682575
dec_nom	-44.159907932889
roll_nom	94.931106174926
revision	2
ontime	7943.0
livetime	7629.8701298702
ontime2	7943.0
ontime3	7943.0
ontime5	7943.0
ontime6	7943.0
ontime7	7943.0
ontime8	7943.0
l2events	30242



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 2

Chip 3

Chip 5



Chip 6

Chip 7

Chip 8



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-04-07T14:24:23
revision	2

sched_exp_time	7800.000000
ontime	9022.584546566
ontime2	9022.584546566
ontime3	9022.584546566
ontime5	9022.584546566
ontime6	9022.584546566
ontime7	9022.584546566
ontime8	9022.584546566
l1events	146581

2.1.4 Events

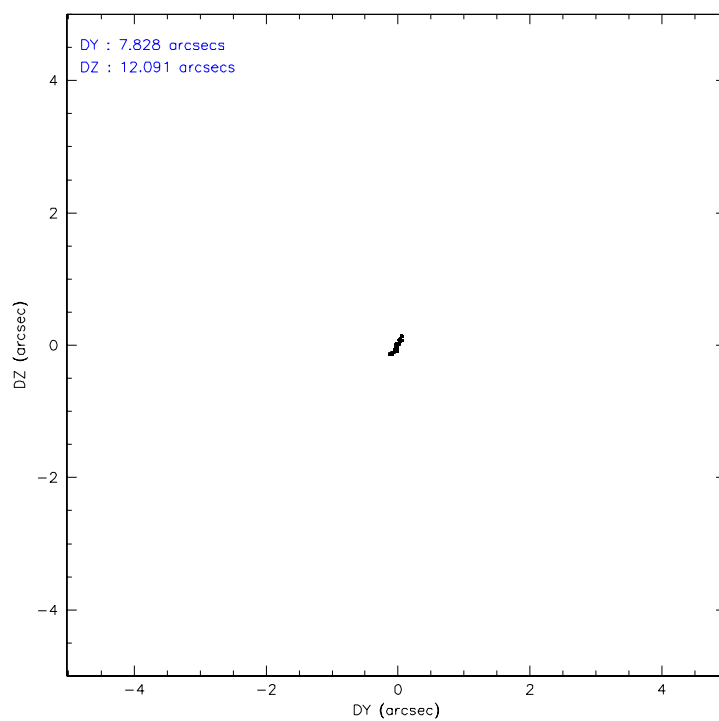
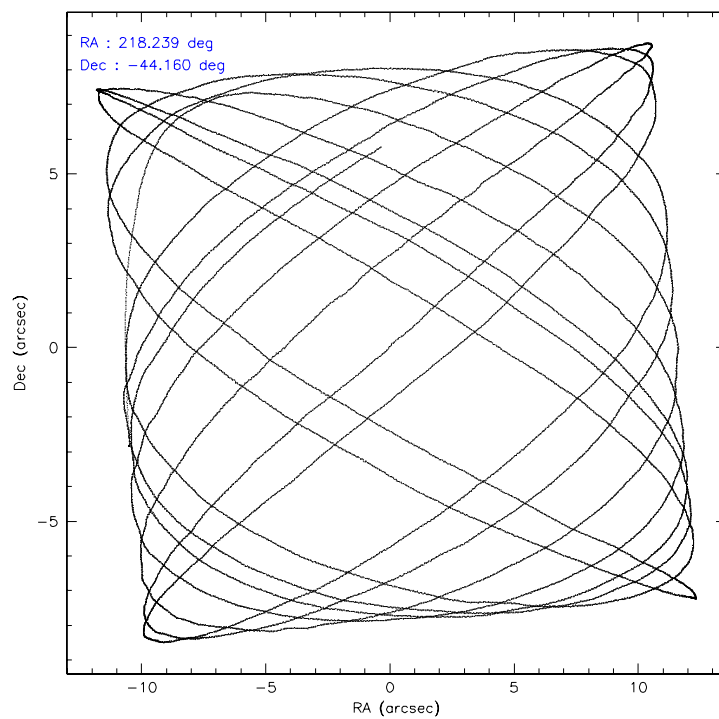
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	22372	19263	28091	21827	26389	28639
rejected events	20189	17200	16625	19585	15617	21509
rejected %	90%	89%	59%	89%	59%	75%

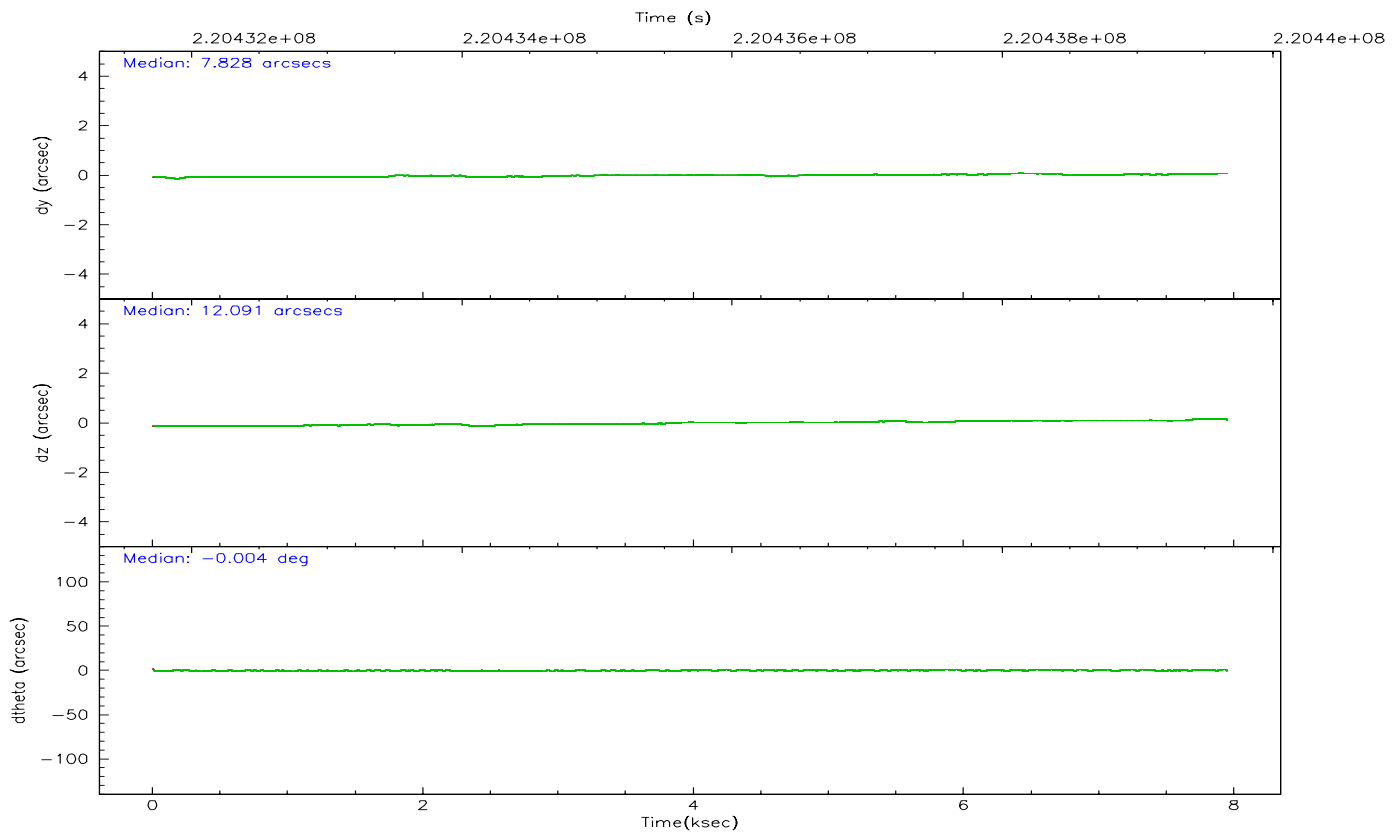
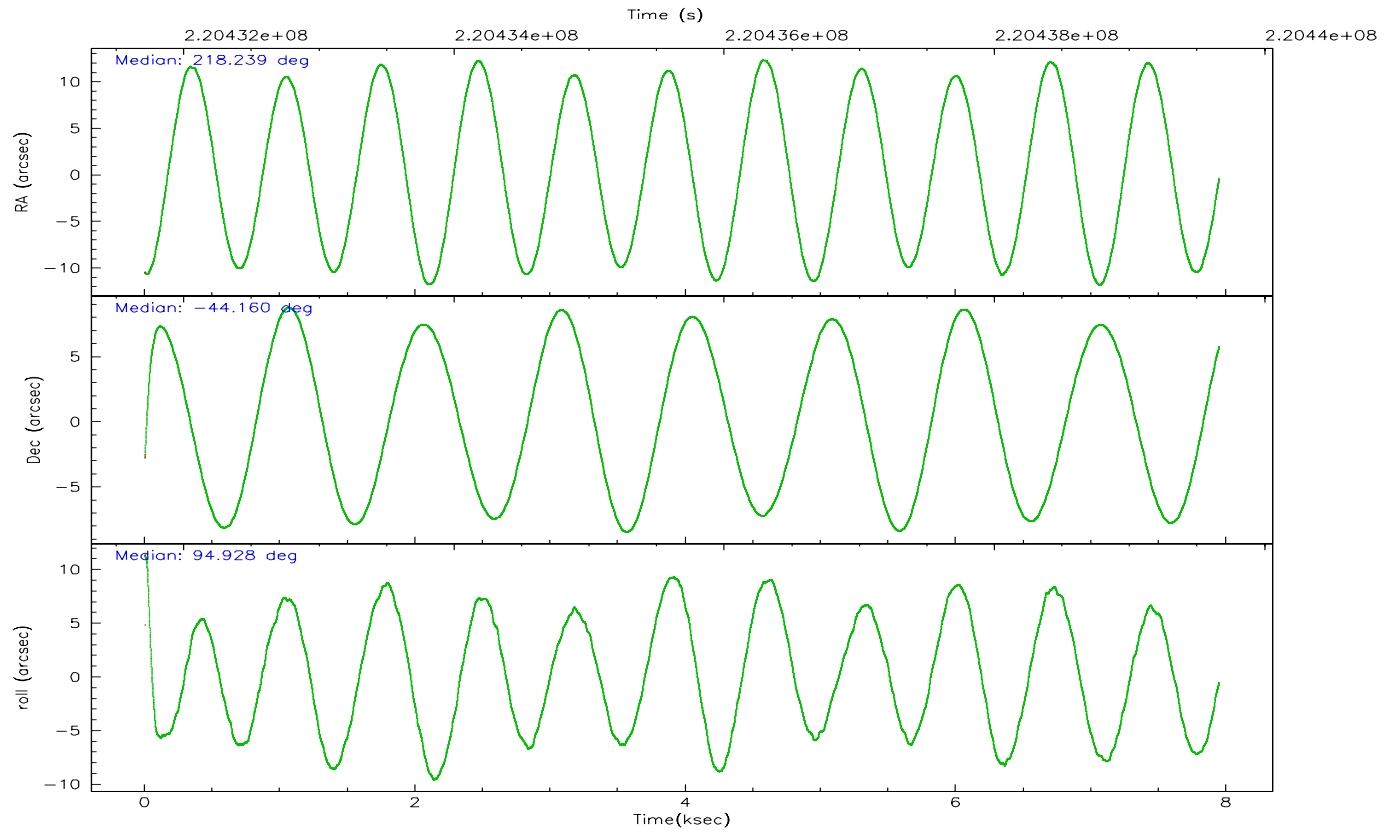
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	958	913	1544	998	1224	3265
	4%	4%	5%	4%	4%	11%
grade 1 events	11	11	87	8	22	16
	0%	0%	0%	0%	0%	0%
grade 2 events	449	421	3477	450	2697	1327
	2%	2%	12%	2%	10%	4%
grade 3 events	306	336	679	339	1078	834
	1%	1%	2%	1%	4%	2%
grade 4 events	327	311	674	321	1058	716
	1%	1%	2%	1%	4%	2%
grade 5 events	662	738	1670	787	2010	983
	2%	3%	5%	3%	7%	3%
grade 6 events	425	379	6876	402	6000	1630
	1%	1%	24%	1%	22%	5%
grade 7 events	19234	16154	13084	18522	12300	19868
	85%	83%	46%	84%	46%	69%

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	CUSTOM	CUSTOM
Pointing RA	218.261501	218.2392968257485	Subarray start row	35	35
Pointing Dec	-44.181971	-44.15990793288913	Subarray row count	257	257
Pointing Roll	94.789925	94.93110617492638	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	1
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	220431863.184000	220430576.85223			
Observation start date	2004-12-26T07:03:19	2004-12-26T06:42:56			
Observation end time	220439663.184000	220440141.12766			
Observation end date	2004-12-26T09:13:19	2004-12-26T09:22:21			
Read mode	TIMED	TIMED			

2.3 Aspect



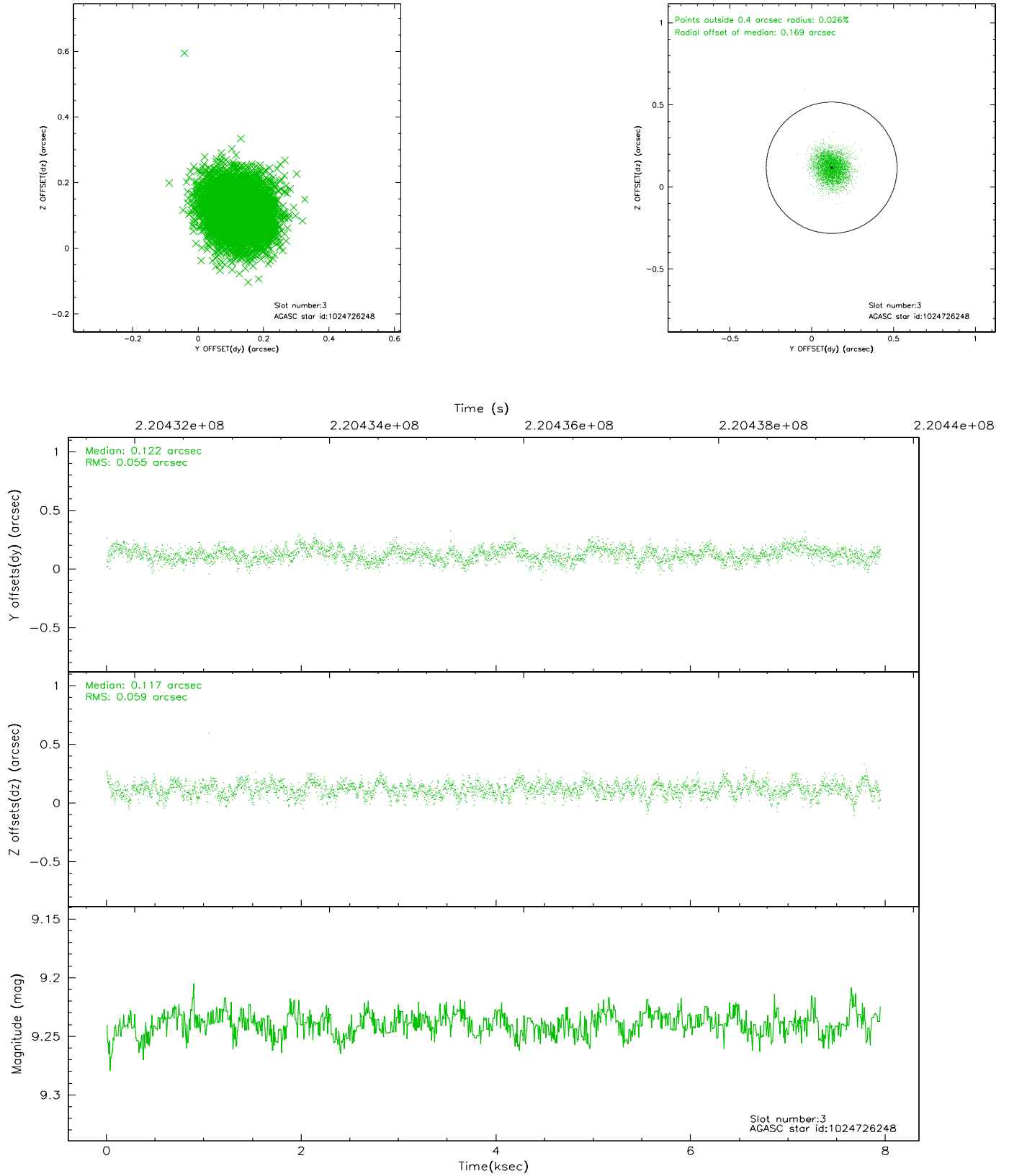


Slot Statistics

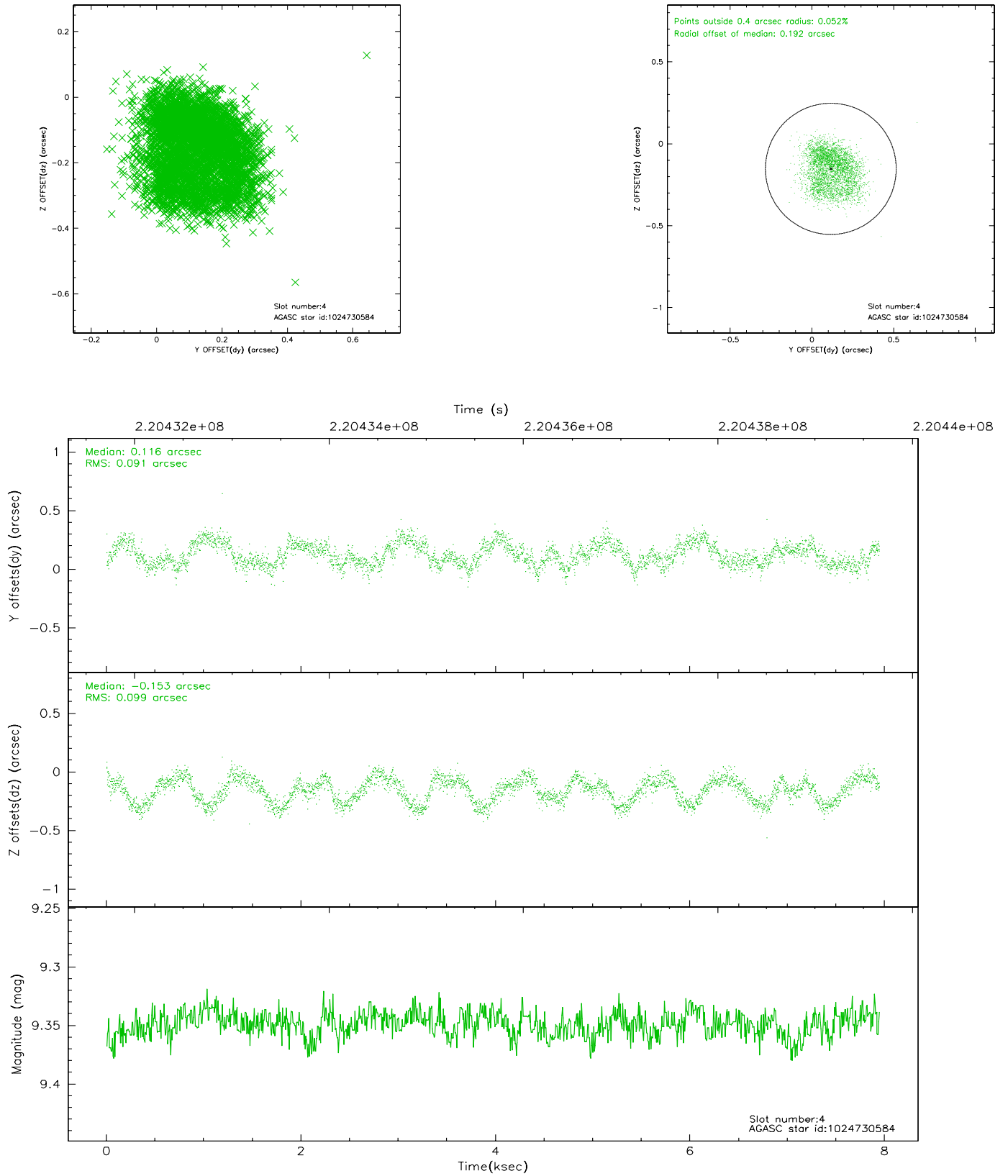
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1937	-0.003	-0.007	0.007	0.013	0.000000	0.000000	-760.59	-1733.33
1	FID	ACIS-S-4	7.20	1939	0.045	0.004	0.005	0.009	0.000000	0.000000	2152.41	174.43
2	FID	ACIS-S-5	7.23	1939	-0.072	0.012	0.007	0.013	0.000000	0.000000	-1812.59	168.91
3	GUIDE	1024726248	9.24	3876	0.122	0.117	0.087	0.138	218.482937	-44.678192	-1827.85	-415.39
4	GUIDE	1024730584	9.35	3875	0.116	-0.153	0.147	0.216	218.164125	-44.729272	-1942.78	412.49
5	GUIDE	1024731200	8.18	3874	-0.114	0.077	0.098	0.156	218.772288	-43.554537	2135.23	-1515.73
6	GUIDE	1024735904	9.80	3873	0.027	0.163	0.140	0.211	219.170069	-44.424103	-1075.61	-2253.96
7	GUIDE	1024741640	7.30	3876	-0.154	-0.206	0.076	0.118	217.541549	-43.863883	1288.76	1766.78

2.4 Star Slots

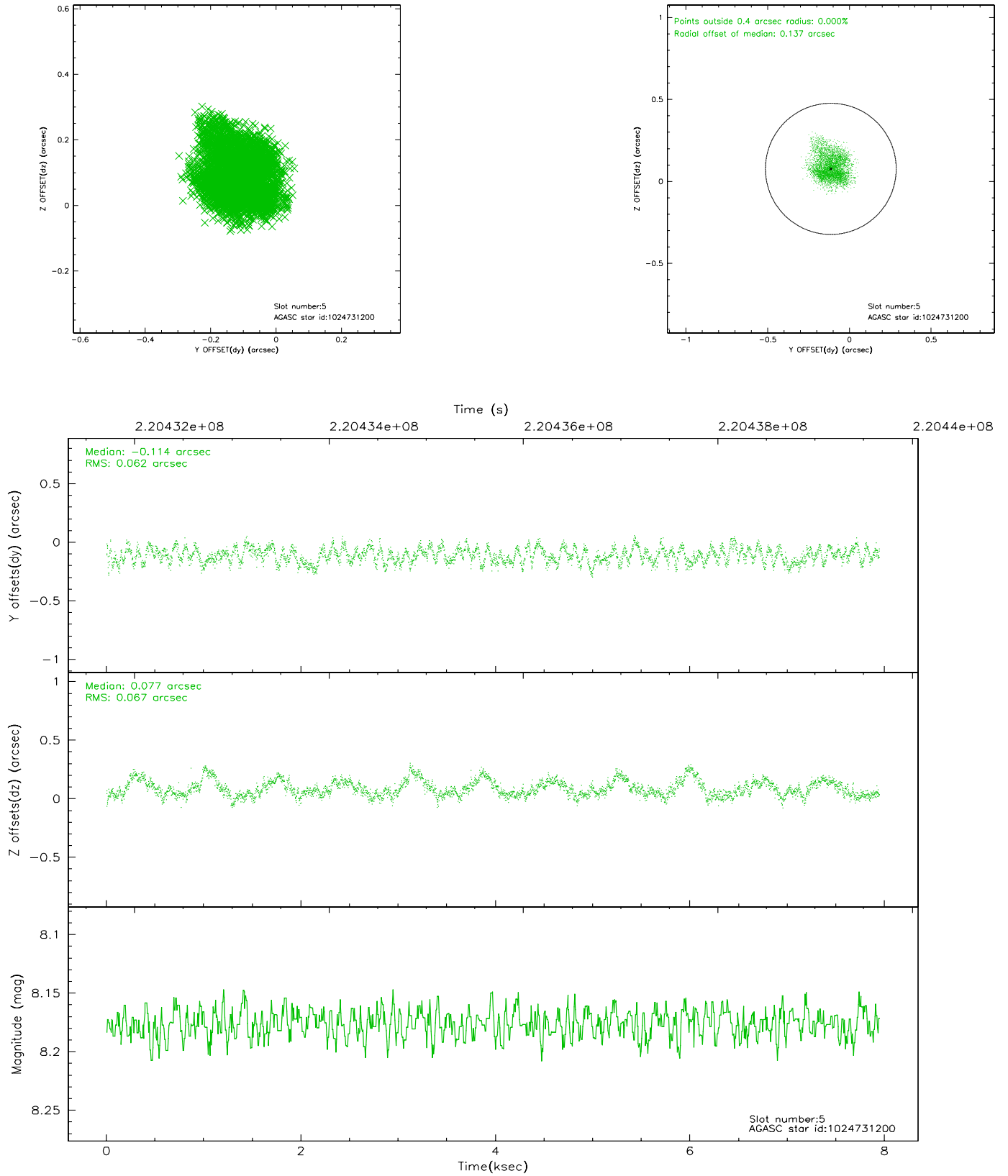
2.4.1 Slot 3



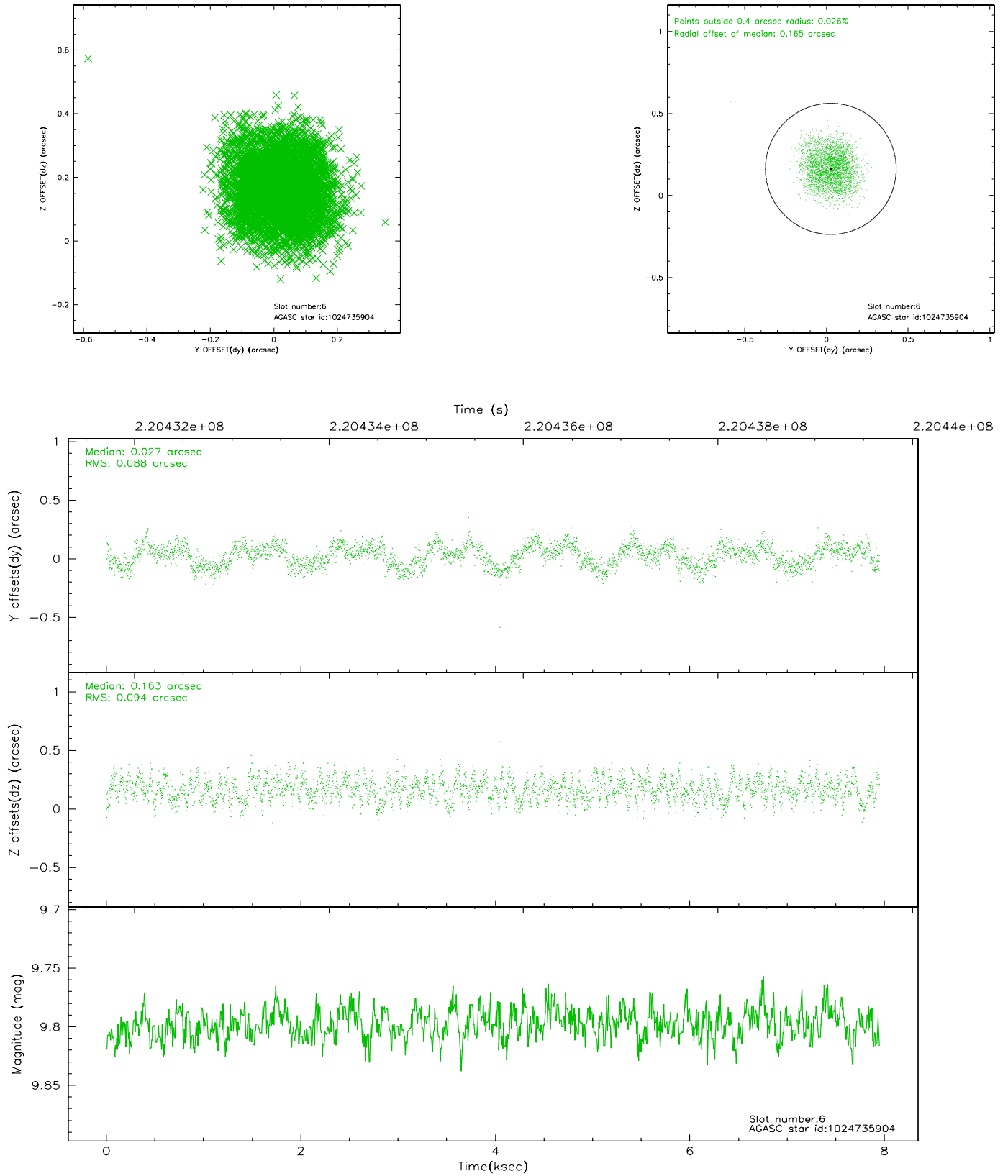
2.4.2 Slot 4



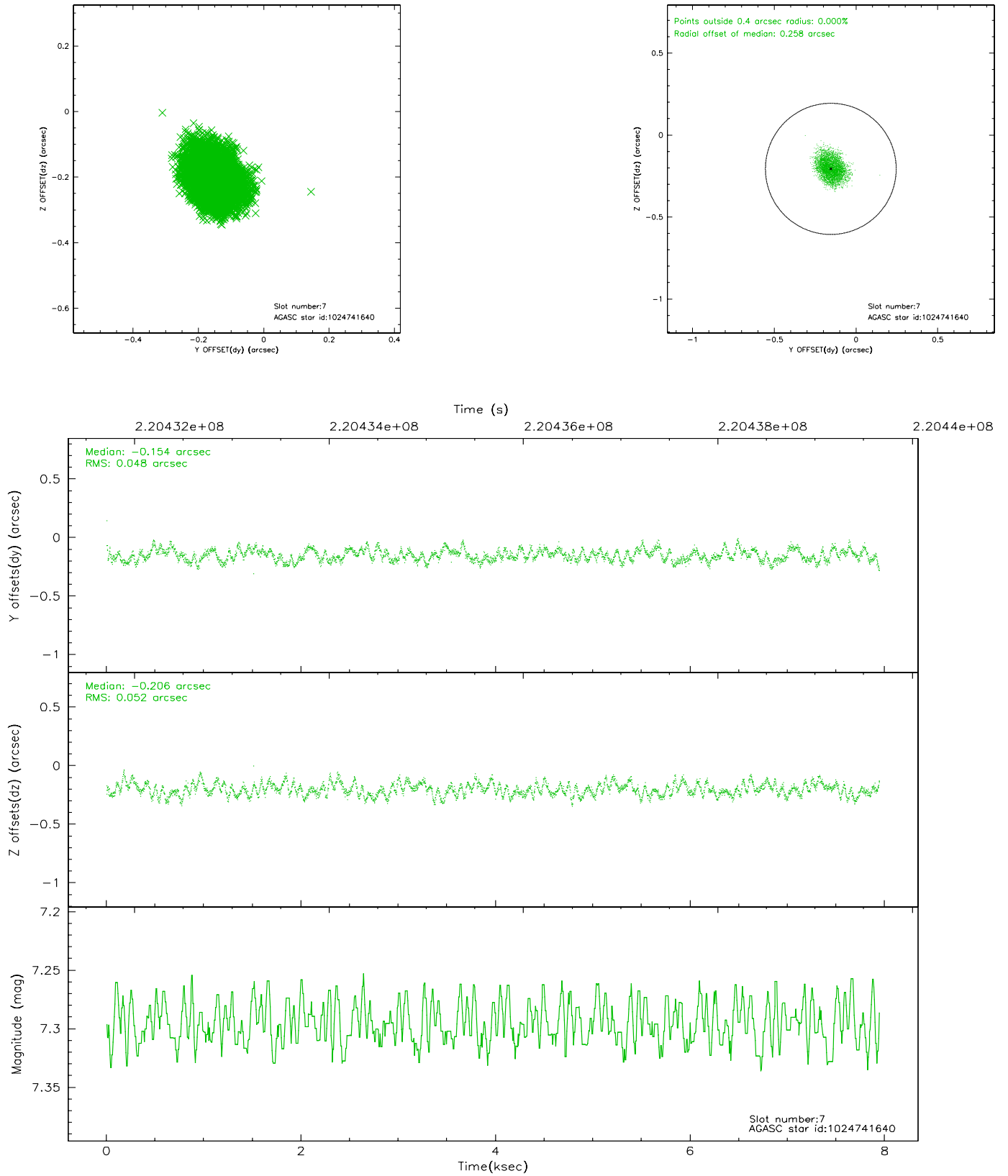
2.4.3 Slot 5



2.4.4 Slot 6

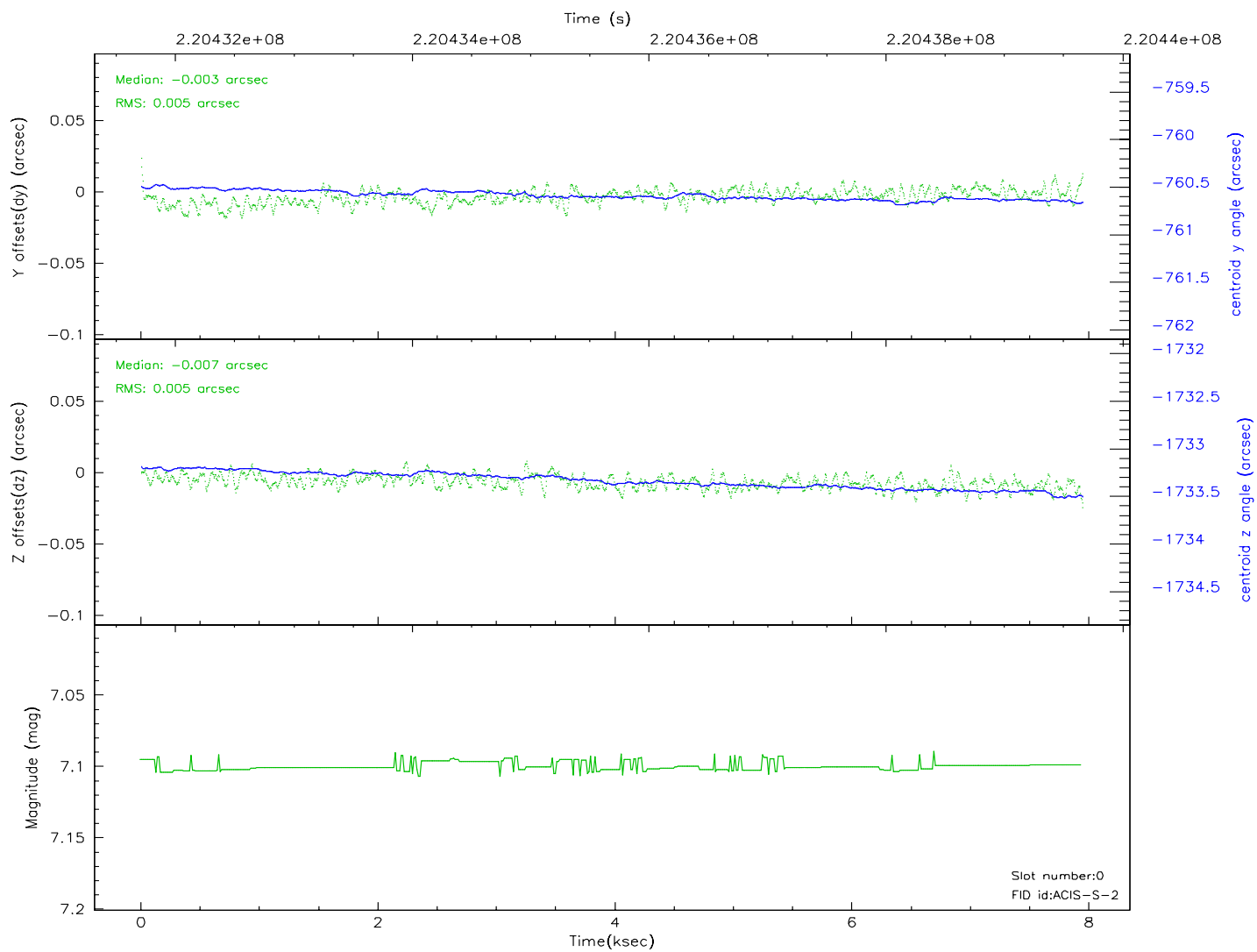
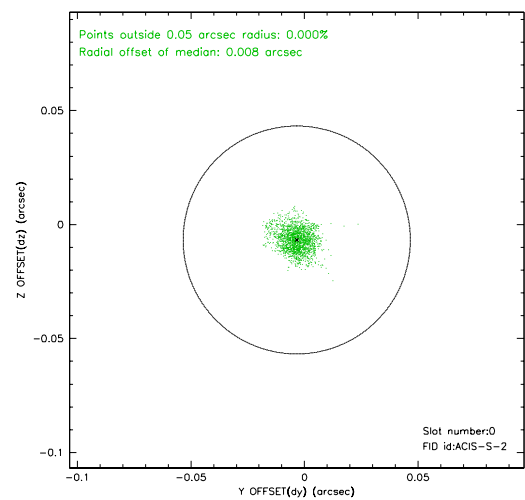
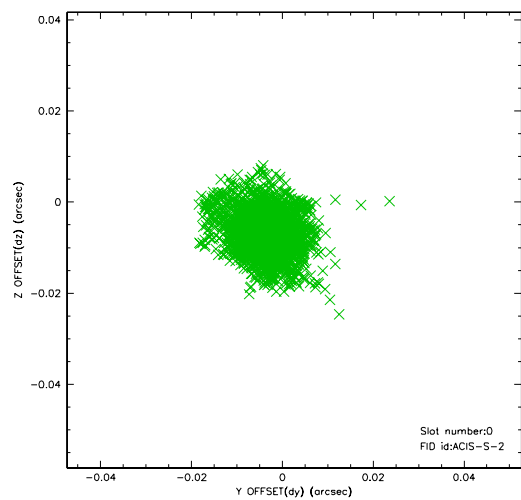


2.4.5 Slot 7

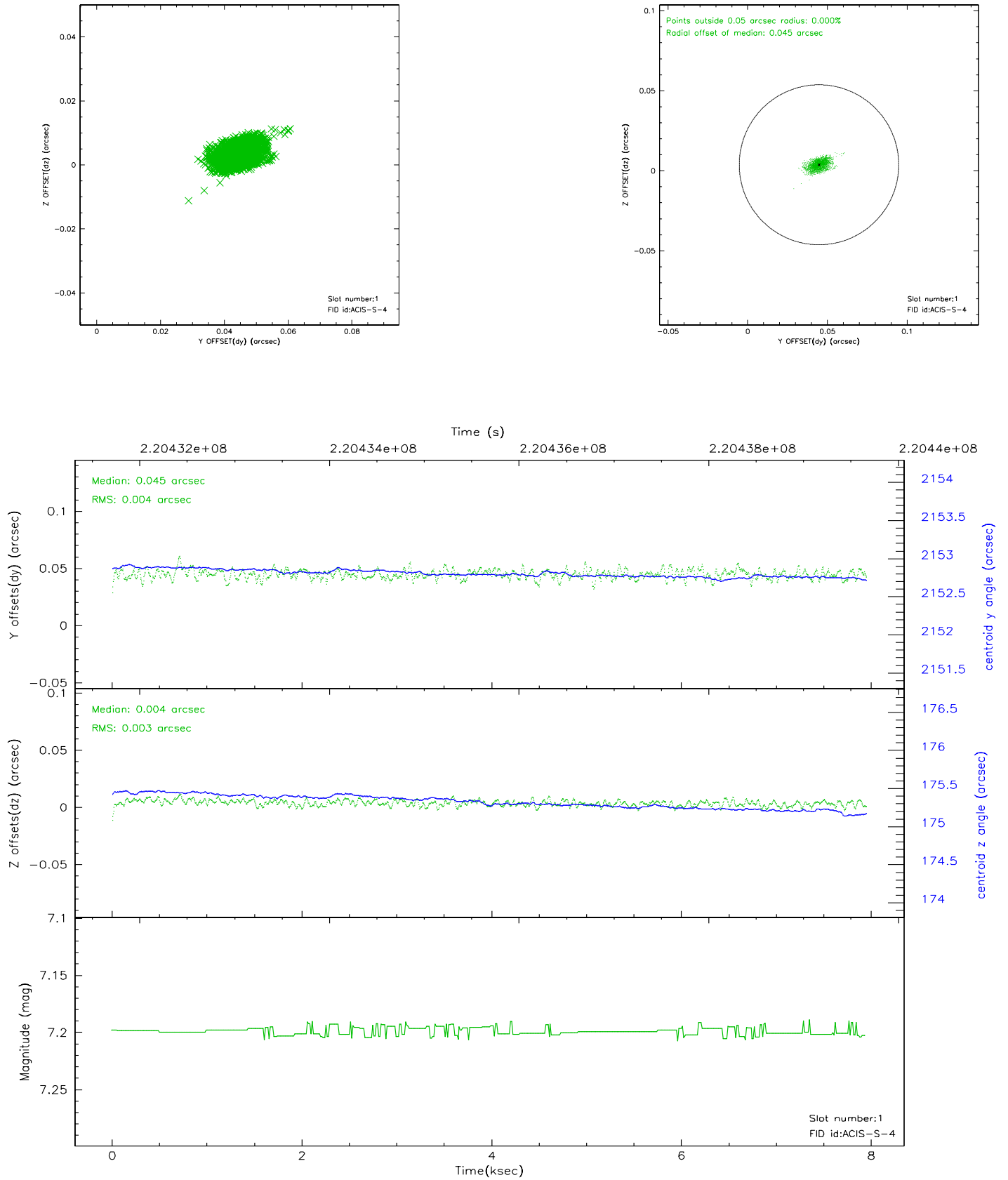


2.5 FID Slots

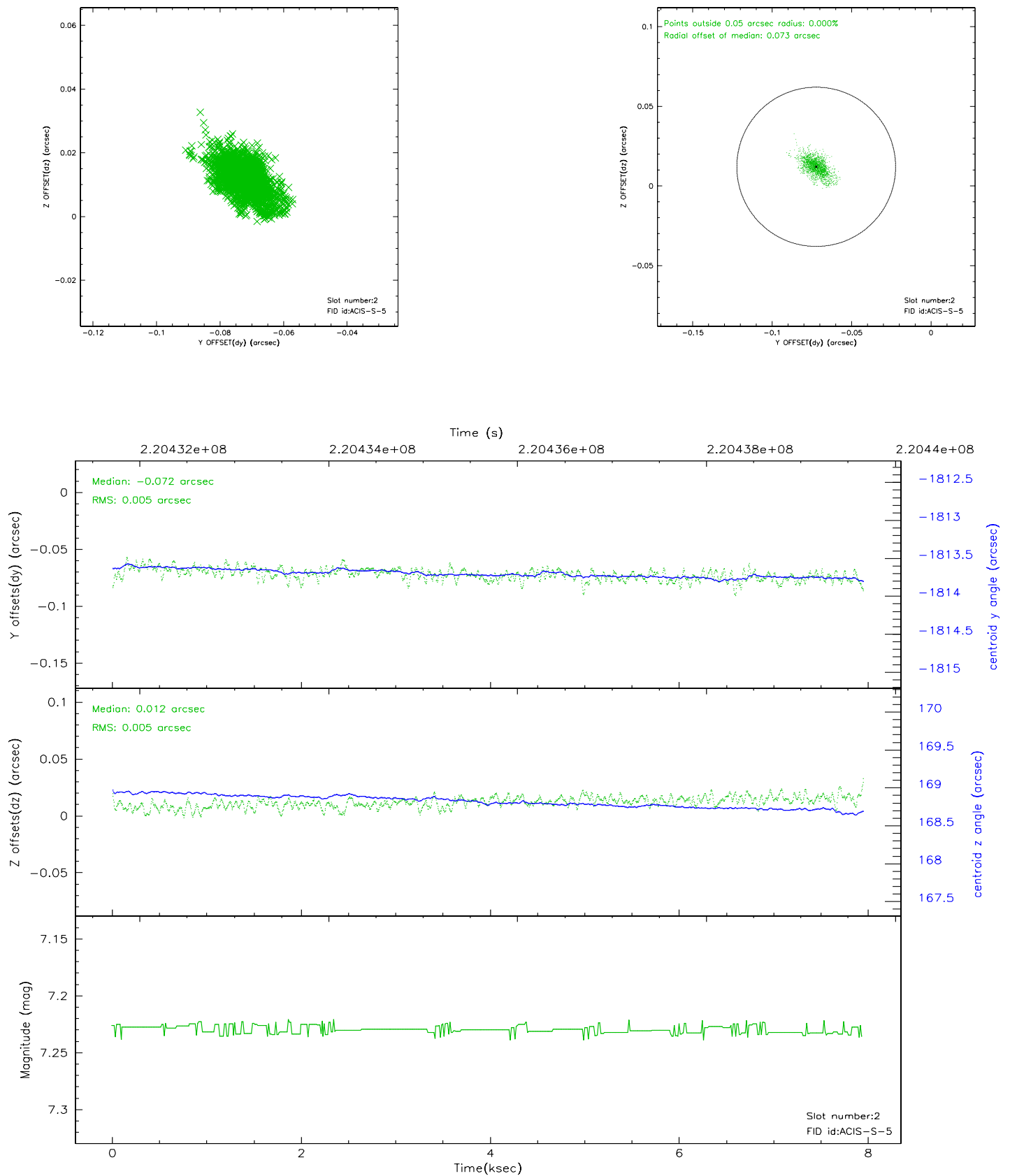
2.5.1 Slot 0



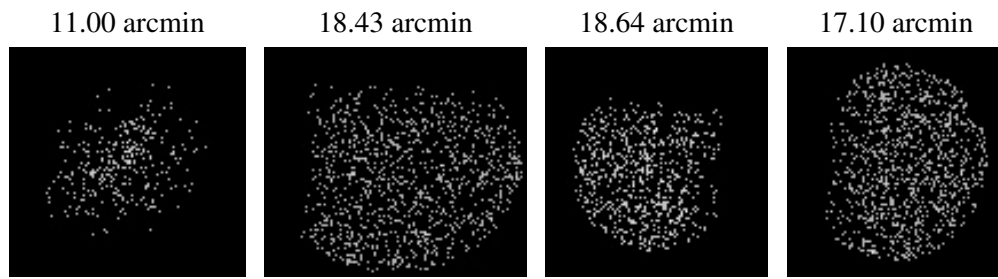
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.04.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.943

A.2 Comments