

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3251 - L2 Version 001
Chandra X-Ray Center

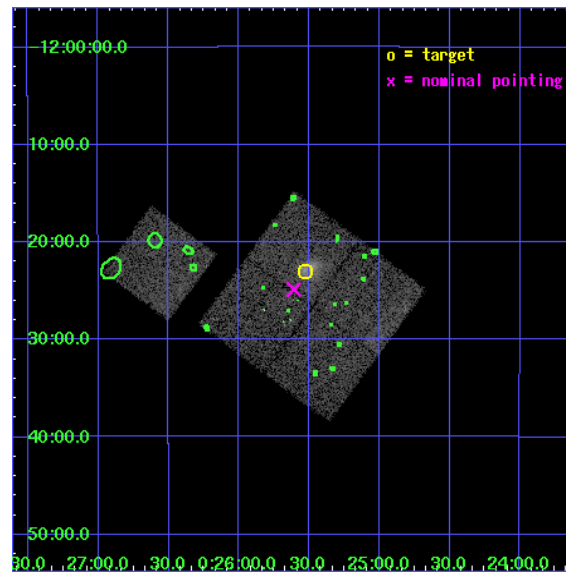
L2 Processing Date : Oct 9 2006

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1 Front

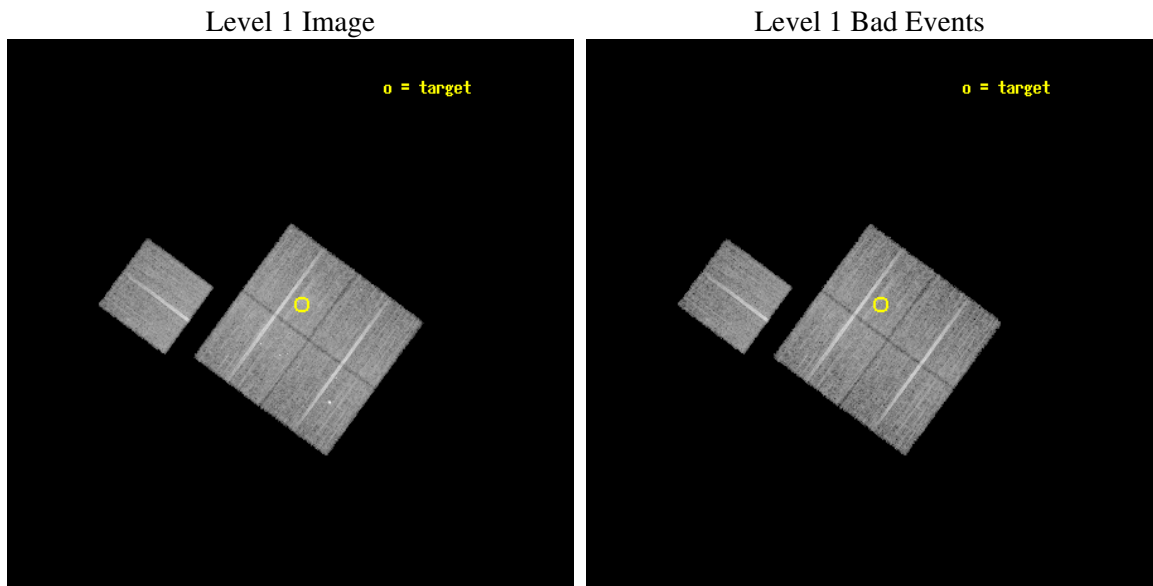
seq_num	800251
obs_id	3251
title	OBSERVATION OF MACS CLUSTERS, 0.45
observer	DR. LEON VANSPEYBROECK
object	MACS-J0025.4-1222
dtcycle	0
cycle	P
ra_targ	6.380833
dec_targ	-12.383056
ra_nom	6.402102953926
dec_nom	-12.414480932246
roll_nom	306.41735920365
revision	2
ontime	19582.617962033
livetime	19326.756641845
ontime0	19579.477001846
ontime1	19588.899962336
ontime2	19585.758992106
ontime3	19582.617962033
ontime6	19588.899962336
l2events	45979



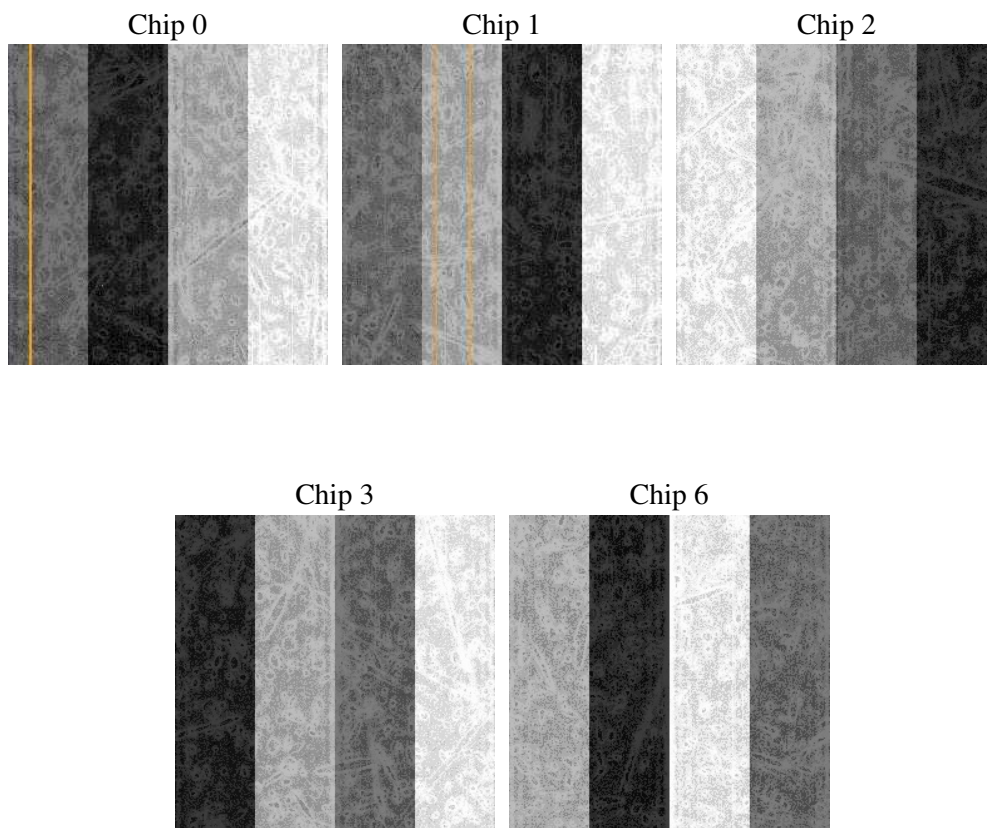
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldbver	3.2.3
date	2006-10-09T11:49:54
revision	2

sched_exp_time	19500.000000
ontime	19587.309614956
ontime0	19584.168634862
ontime1	19593.59161526
ontime2	19590.45064503
ontime3	19587.309614956
ontime6	19593.59161526
l1events	494346

2.1.4 Events

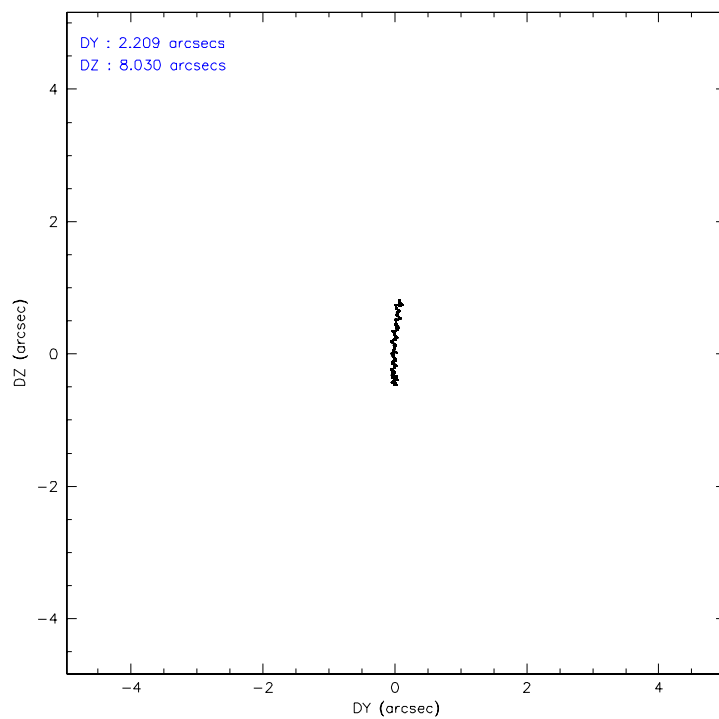
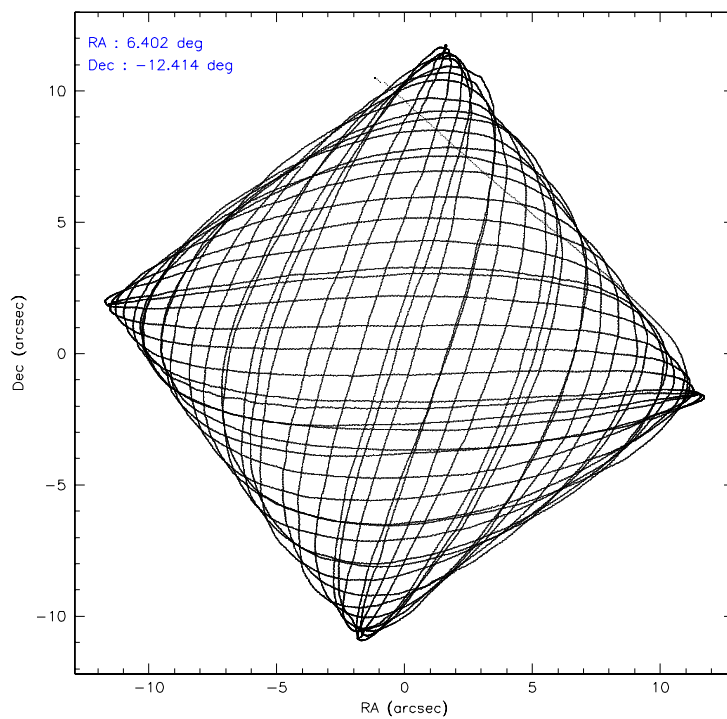
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	92040	92665	106903	103647	99091
rejected events	81116	81131	96318	91756	88723
rejected %	88%	87%	90%	88%	89%

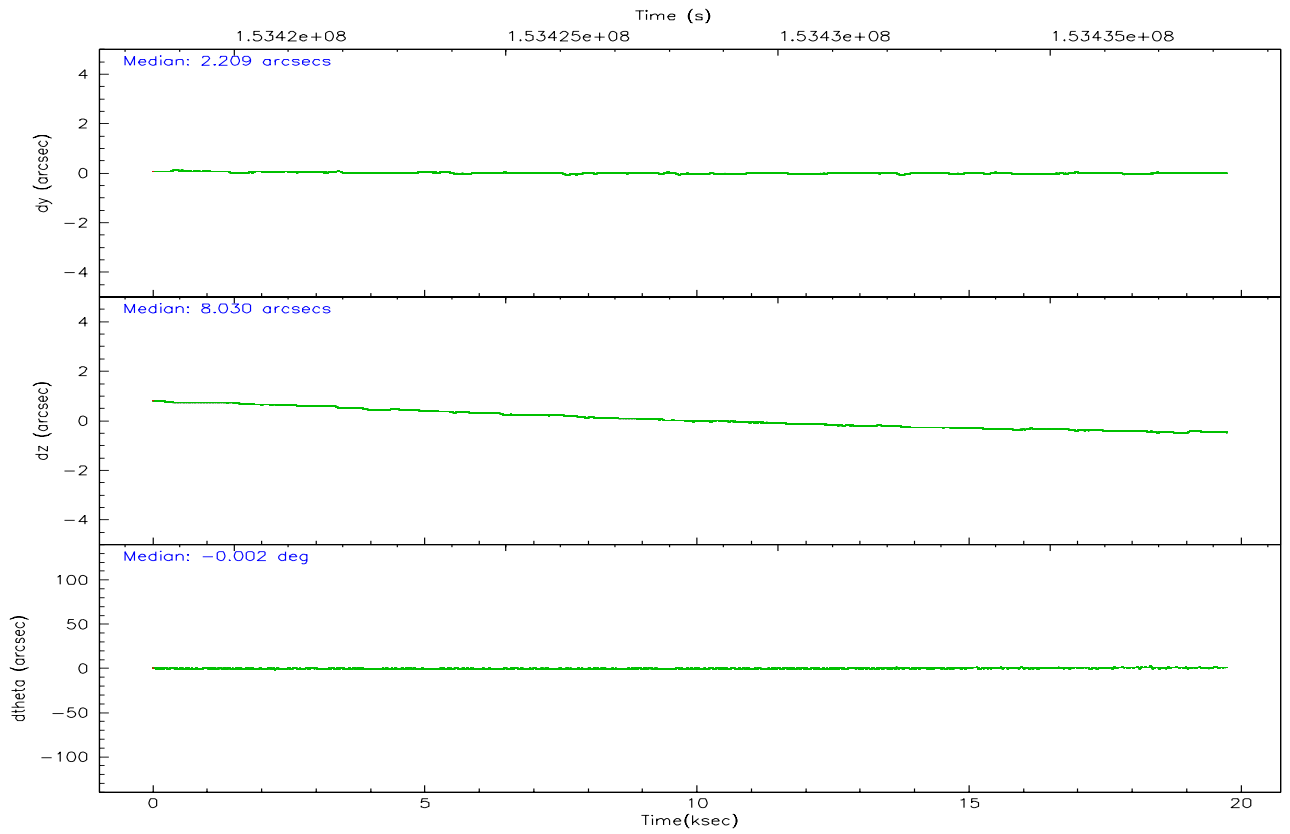
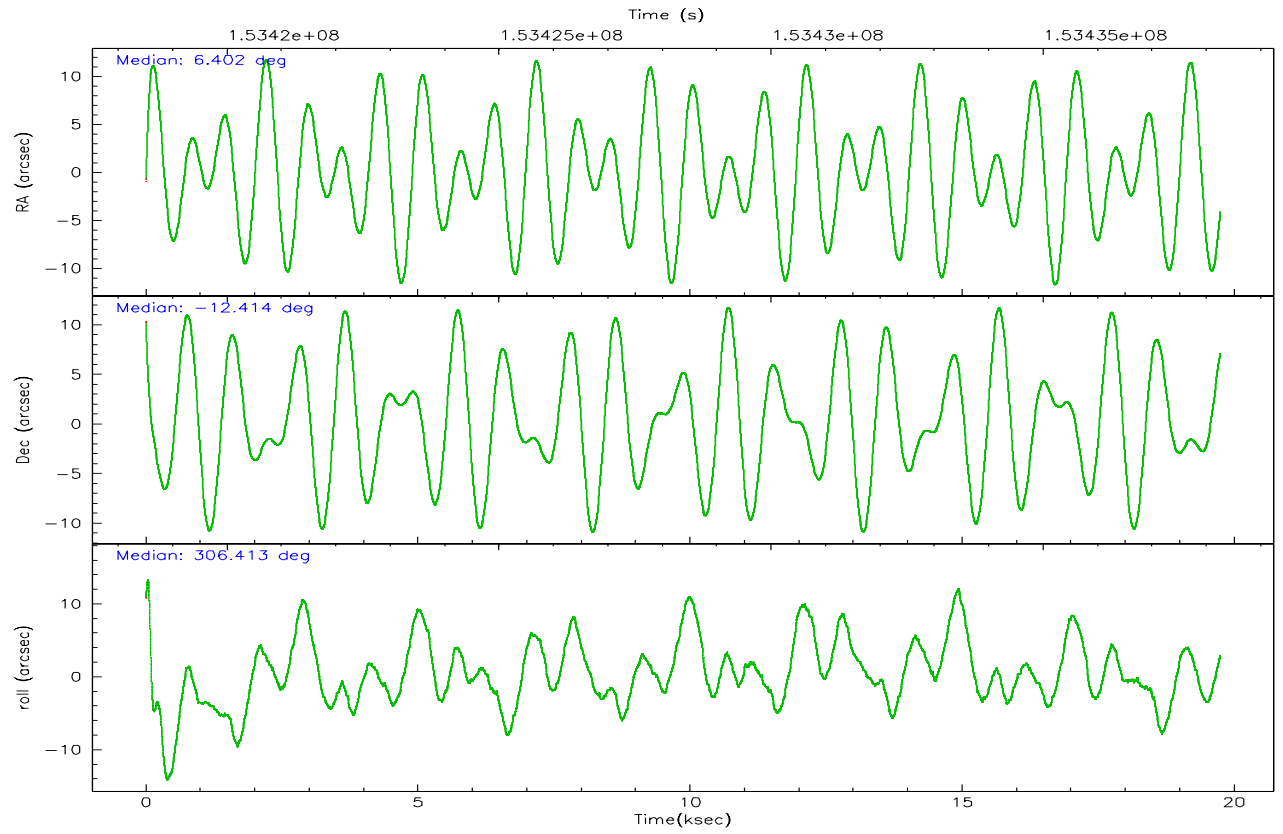
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	4351	4272	4167	5391	3806
	4%	4%	3%	5%	3%
grade 1 events	62	56	49	62	44
	0%	0%	0%	0%	0%
grade 2 events	2342	2380	2414	2197	2193
	2%	2%	2%	2%	2%
grade 3 events	1227	1326	1092	1154	1136
	1%	1%	1%	1%	1%
grade 4 events	1099	1283	1099	1253	1171
	1%	1%	1%	1%	1%
grade 5 events	3338	3628	3282	3824	3854
	3%	3%	3%	3%	3%
grade 6 events	1907	2277	1815	1903	2066
	2%	2%	1%	1%	2%
grade 7 events	77714	77443	92985	87863	84821
	84%	83%	86%	84%	85%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	6.376355	6.402102953926036	Subarray requested	NONE	NONE
Pointing Dec	-12.403605	-12.41448093224565	Alternating exposures requested	N	N
Pointing Roll	306.203131	306.4173592036522	Primary exposure time	0.000000	3.1
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-227.742463	-227.734108438797			
SIM translation stage offset (mm)	-5.85	-5.858344564132665			
Observation start time	153418758.184000	153417770.32346			
Observation start date	2002-11-11T16:18:14	2002-11-11T16:02:50			
Observation end time	153438258.184000	153439072.89935			
Observation end date	2002-11-11T21:43:14	2002-11-11T21:57:52			
Read mode	TIMED	TIMED			

2.3 Aspect



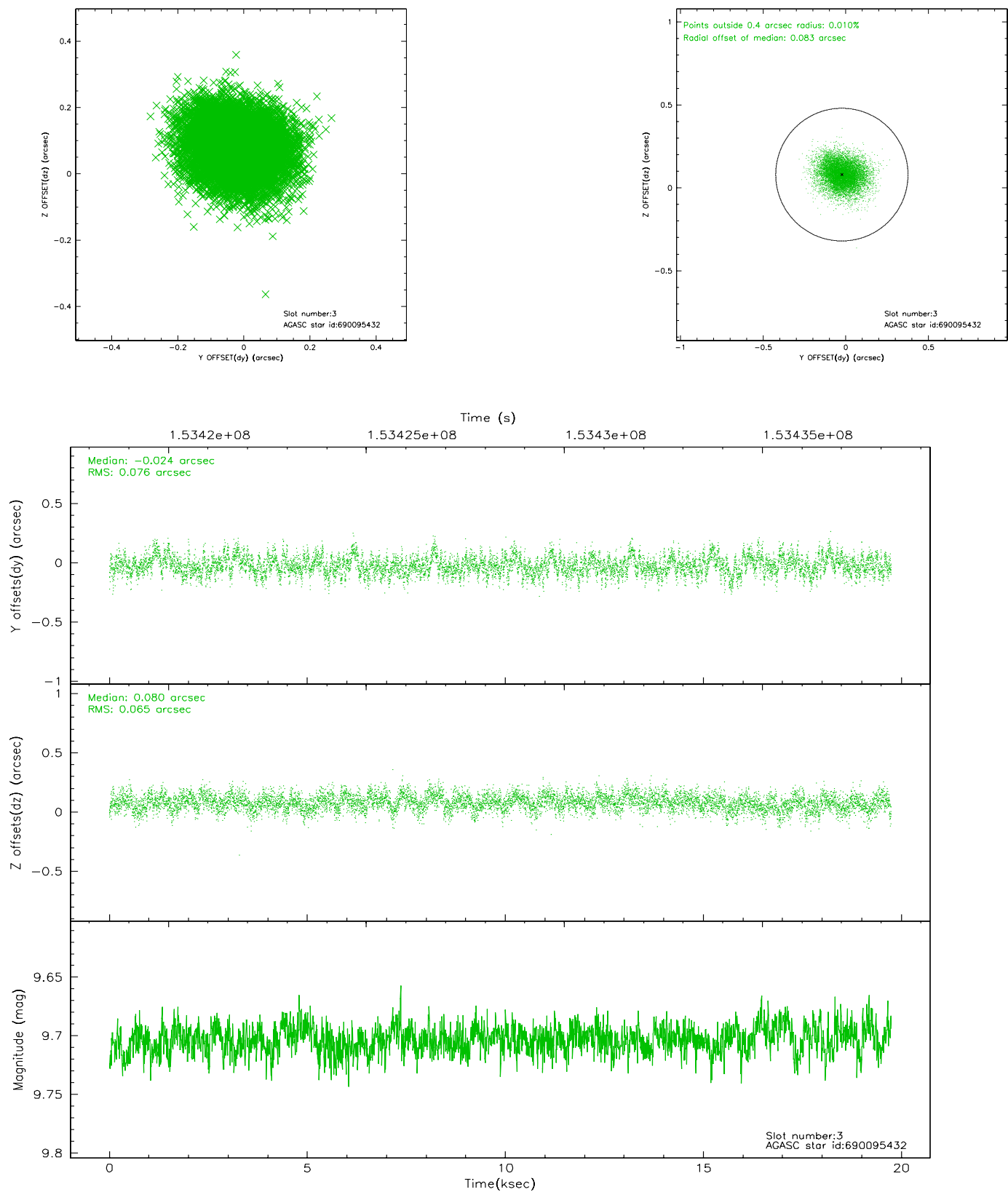


Slot Statistics

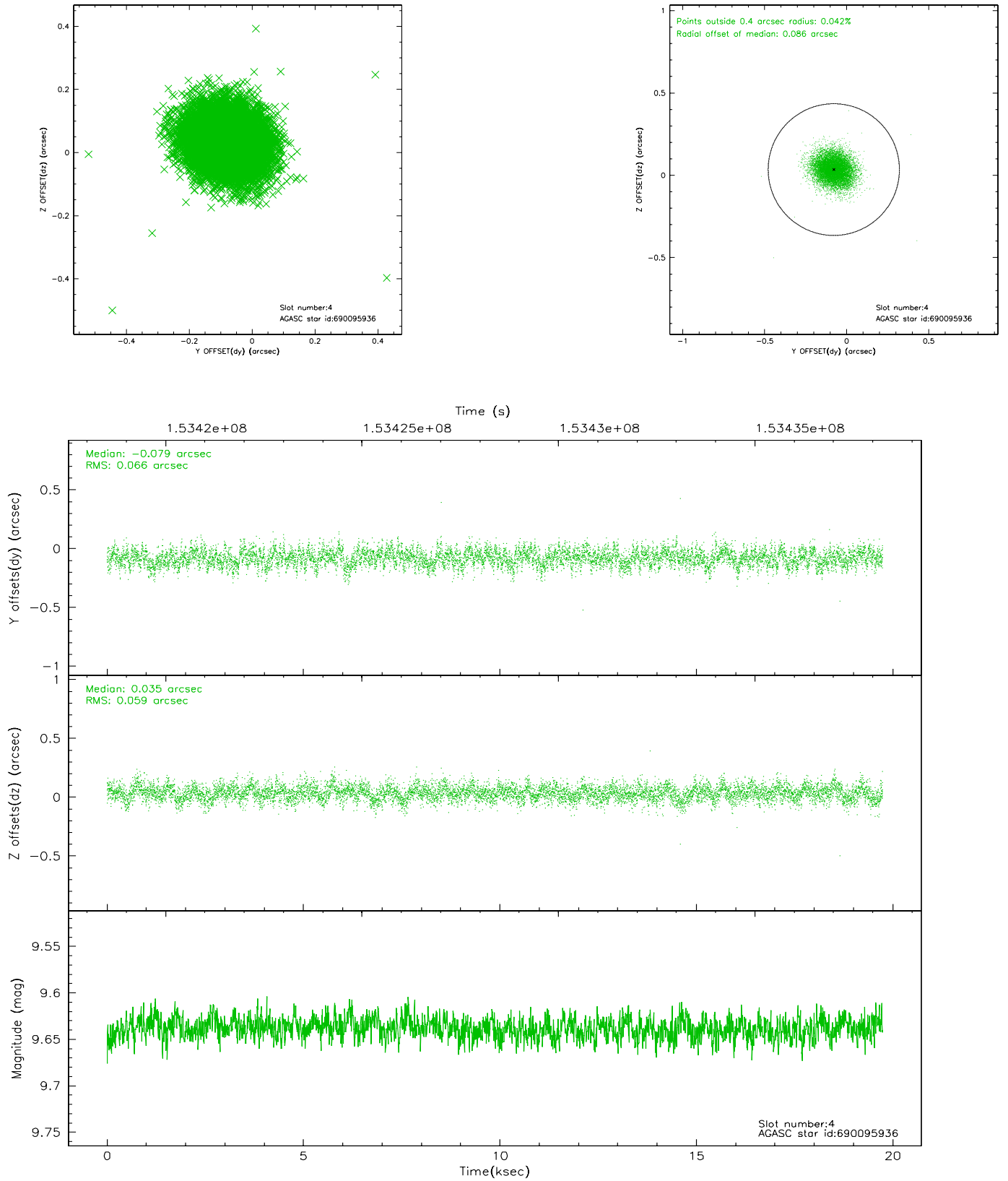
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	4816	0.010	0.032	0.009	0.015	0.000000	0.000000	937.50	-951.74
1	FID	ACIS-I-5	7.23	4816	-0.103	0.052	0.008	0.013	0.000000	0.000000	-1810.61	945.66
2	FID	ACIS-I-6	7.25	4816	0.001	-0.014	0.011	0.018	0.000000	0.000000	402.83	1590.32
3	GUIDE	690095432	9.70	9630	-0.024	0.080	0.106	0.176	6.686559	-12.321914	407.60	1053.59
4	GUIDE	690095936	9.64	9623	-0.079	0.035	0.094	0.151	6.226991	-11.967899	-1576.27	501.71
5	GUIDE	690097320	9.50	9628	-0.169	-0.088	0.092	0.153	5.644041	-12.299584	-1820.60	-1859.84
6	GUIDE	690488016	8.87	9624	0.164	0.034	0.088	0.142	6.525563	-13.077965	2268.39	-1012.17
7	GUIDE	690488576	9.07	9629	0.102	-0.064	0.074	0.119	6.760281	-12.699830	1658.09	457.30

2.4 Star Slots

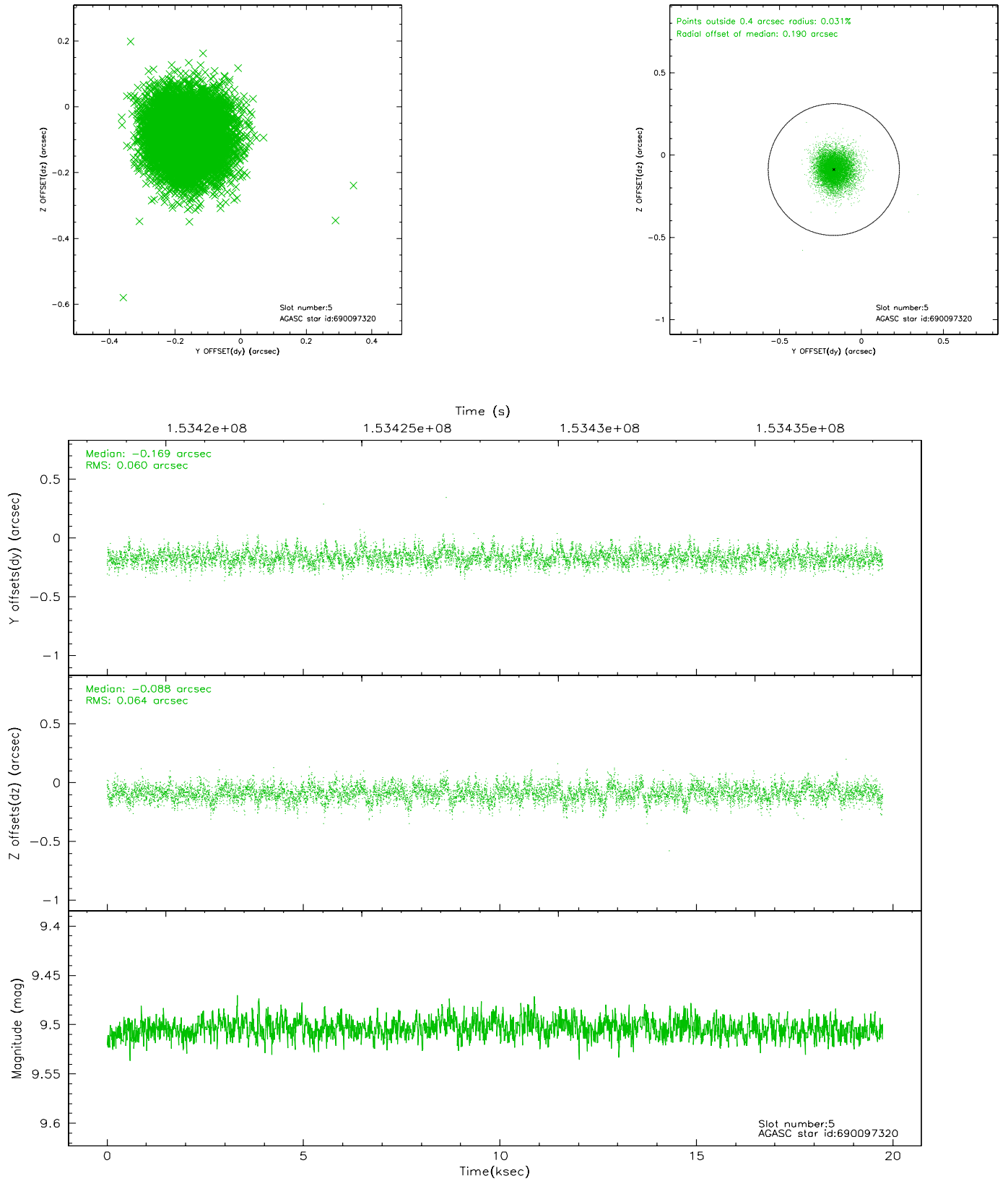
2.4.1 Slot 3



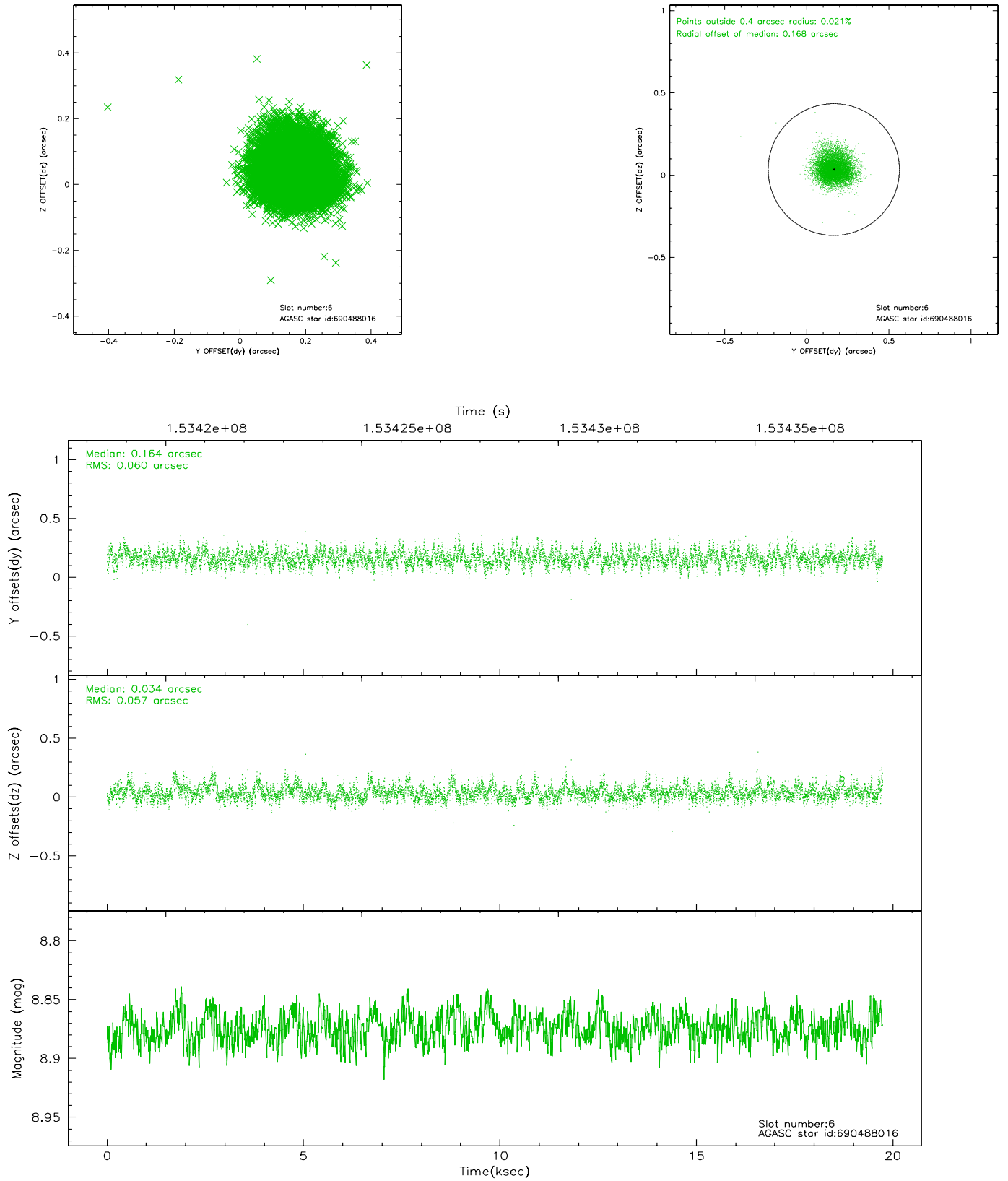
2.4.2 Slot 4



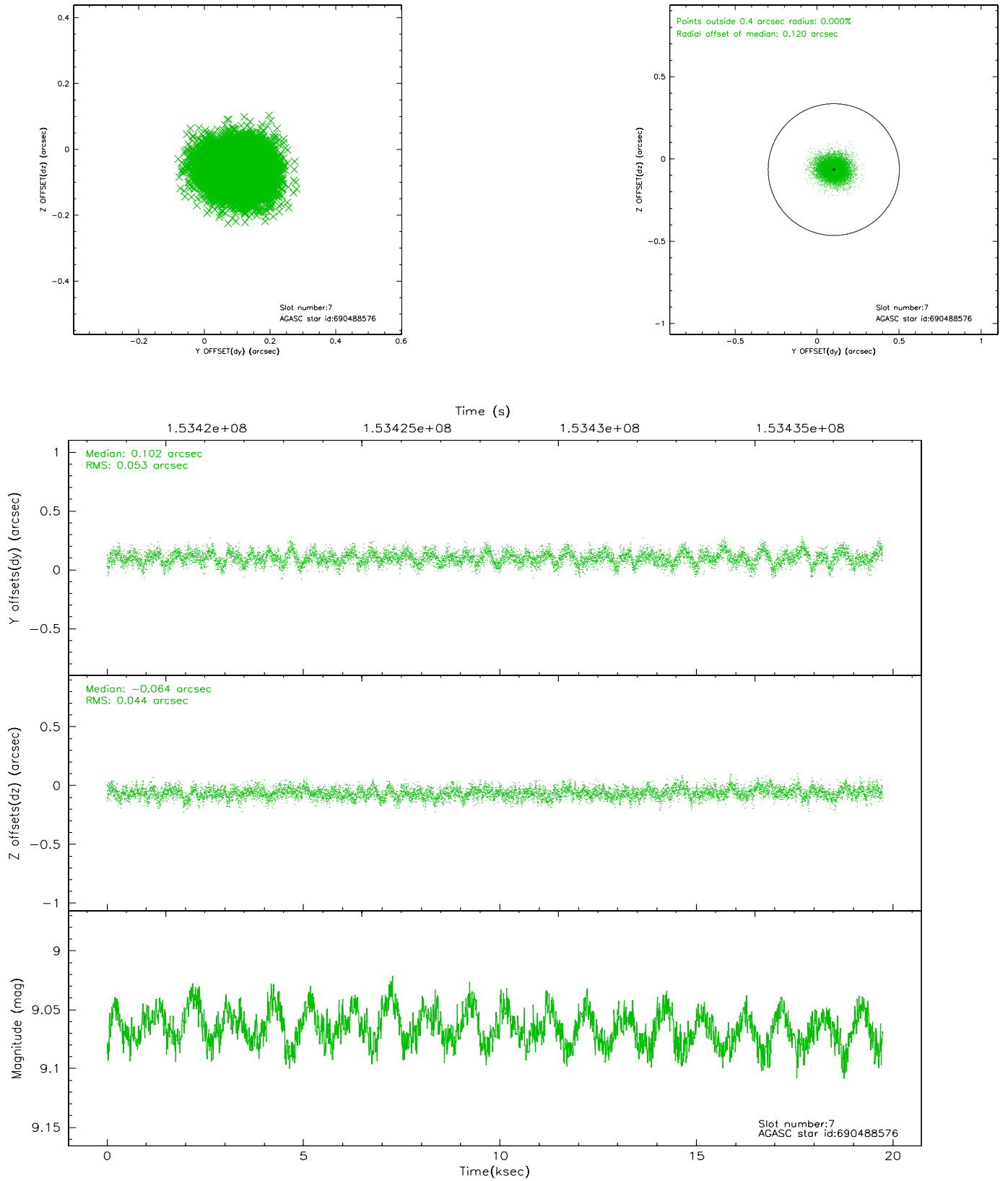
2.4.3 Slot 5



2.4.4 Slot 6

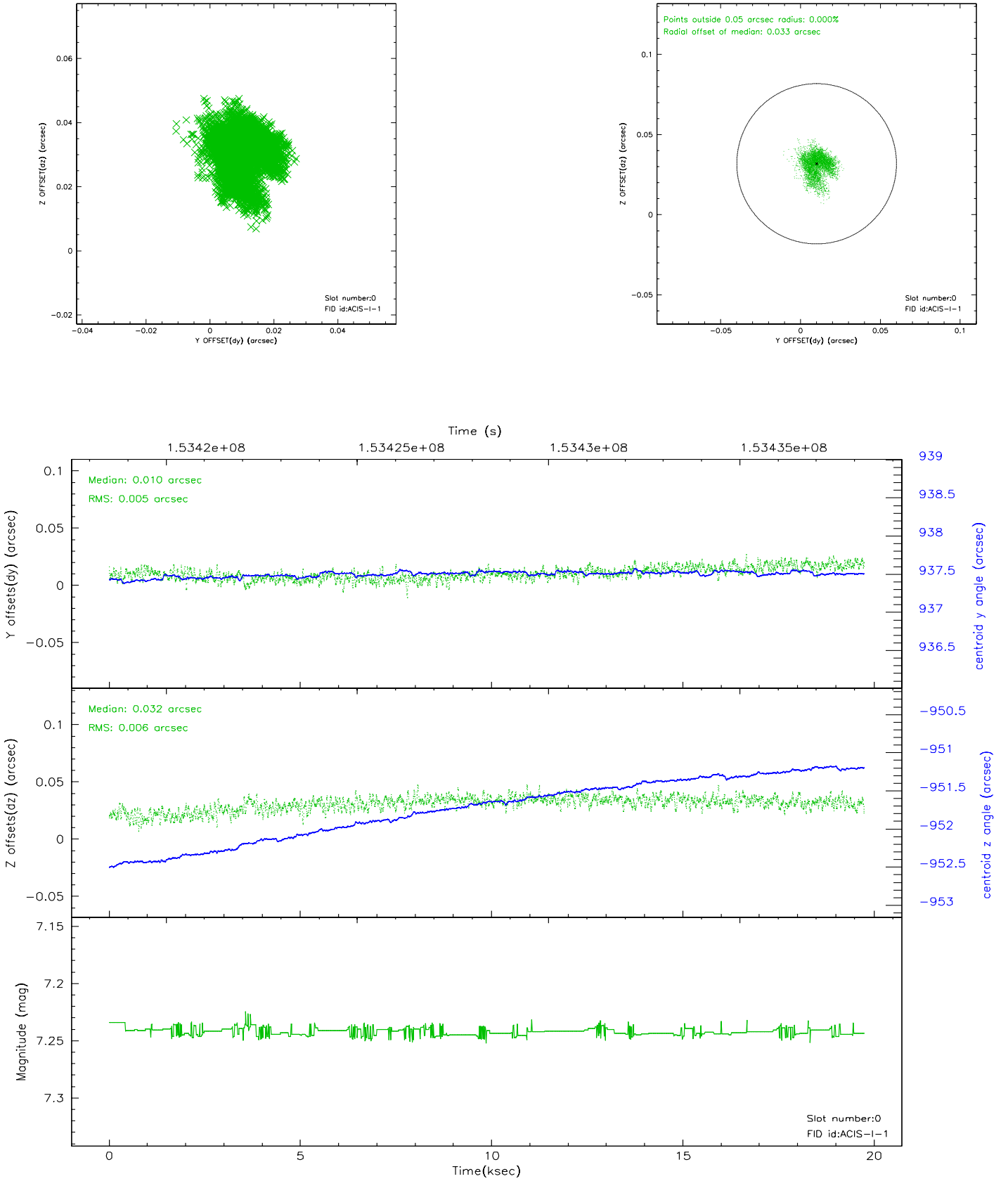


2.4.5 Slot 7

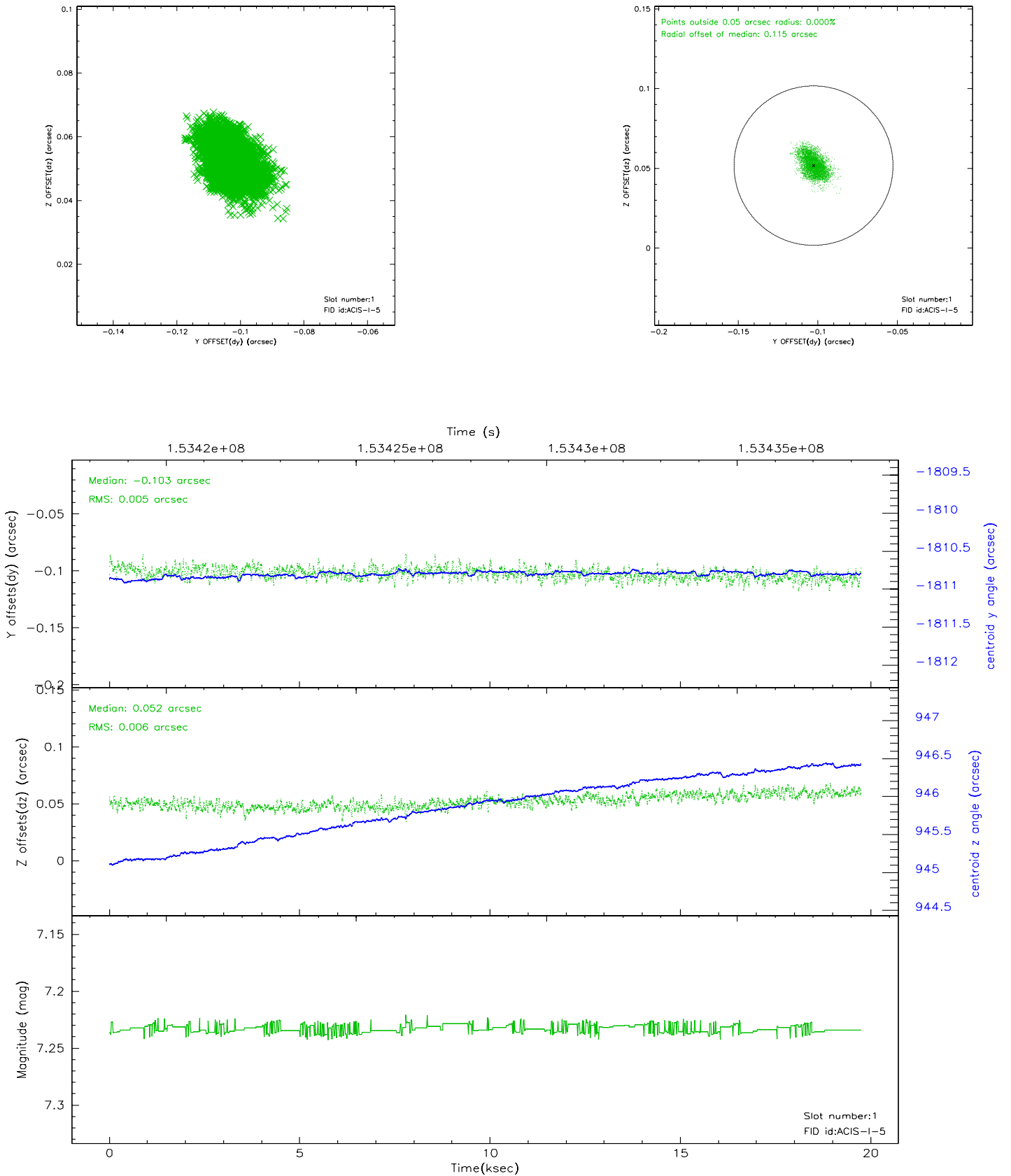


2.5 FID Slots

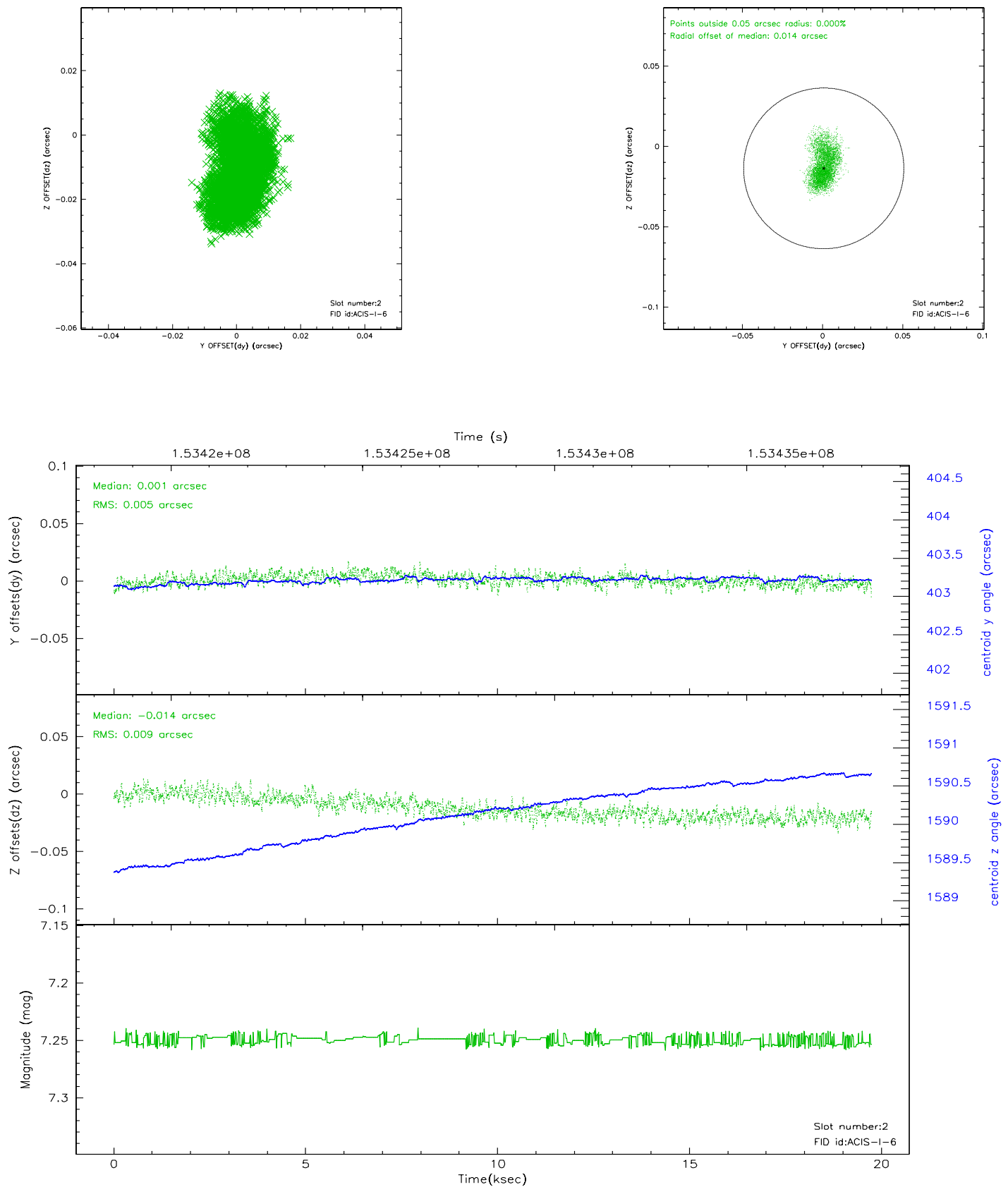
2.5.1 Slot 0



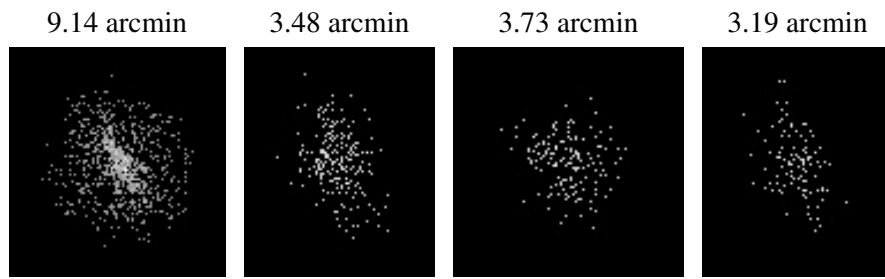
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.10.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.585

A.2 Comments