

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3741 - L2 Version 001
Chandra X-Ray Center

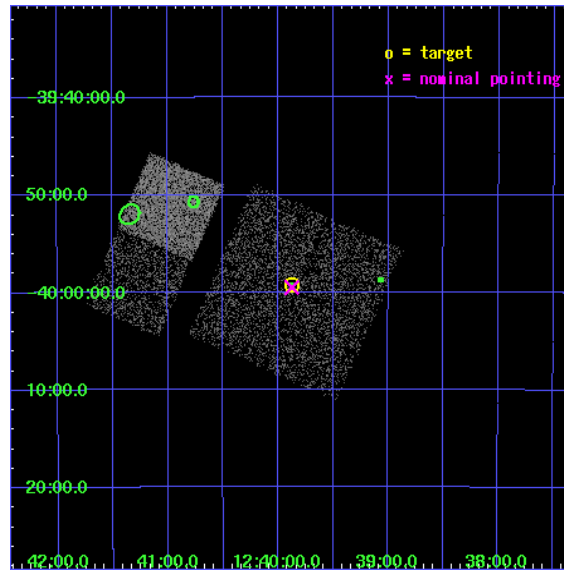
L2 Processing Date : Aug 11 2006

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1 Front

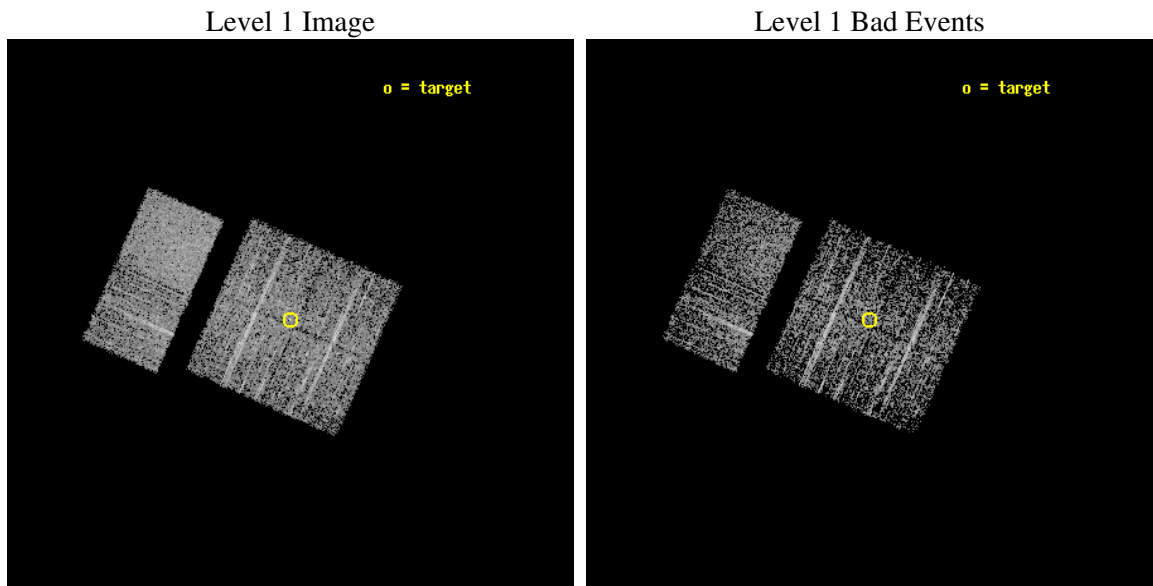
seq_num	200211
obs_id	3741
title	ON THE ORIGIN OF THE X-RAY EMISSION IN LATE B-TYPE STARS
observer	Dr. Nuria Huelamo
object	HD110073
dtcycle	0
cycle	P
ra_targ	189.96875
dec_targ	-39.987306
ra_nom	189.96871131321
dec_nom	-39.991772028124
roll_nom	293.9927189512
revision	2
ontime	2249.5999916196
livetime	2221.1142019792
ontime0	2249.5999916196
ontime1	2249.5999916196
ontime2	2249.5999916196
ontime3	2249.5999916196
ontime6	2249.5999916196
ontime7	2246.3590213656
l2events	14295



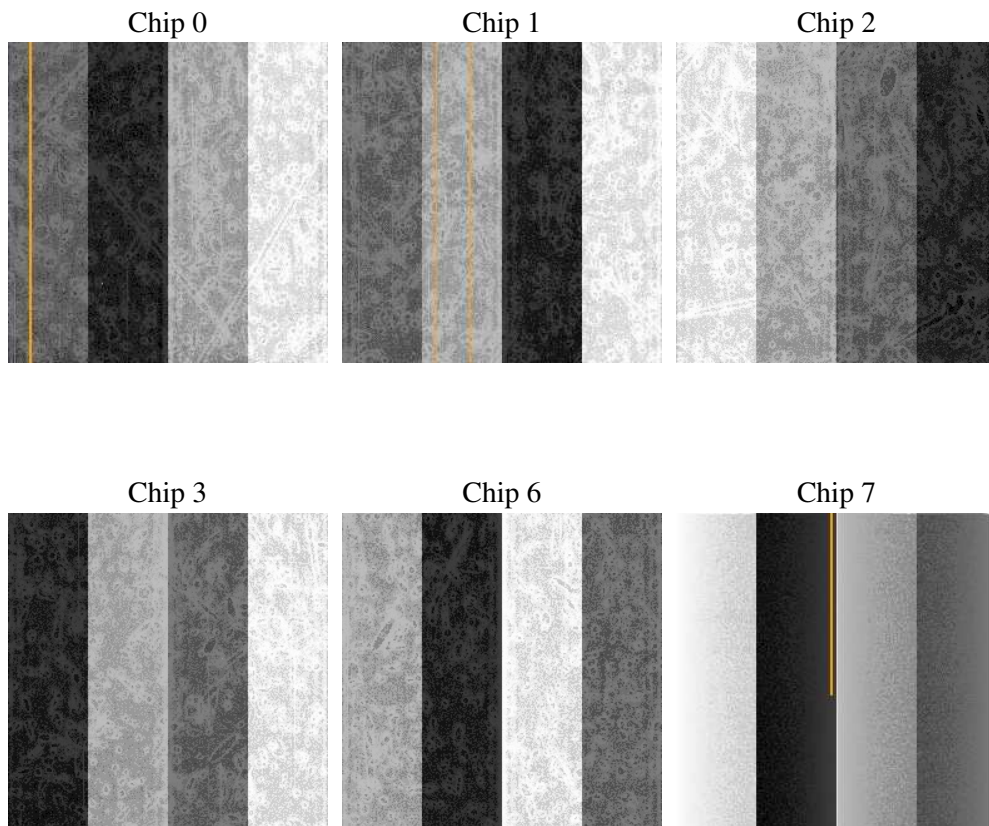
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-08-11T17:31:44
revision	2

sched_exp_time	2100.000000
ontime	3354.443150878
ontime0	3351.1992707253
ontime1	3354.4402808845
ontime2	3289.62037763
ontime3	3354.443150878
ontime6	3357.6809919178
ontime7	4190.6160072386
l1events	369244

2.1.4 Events

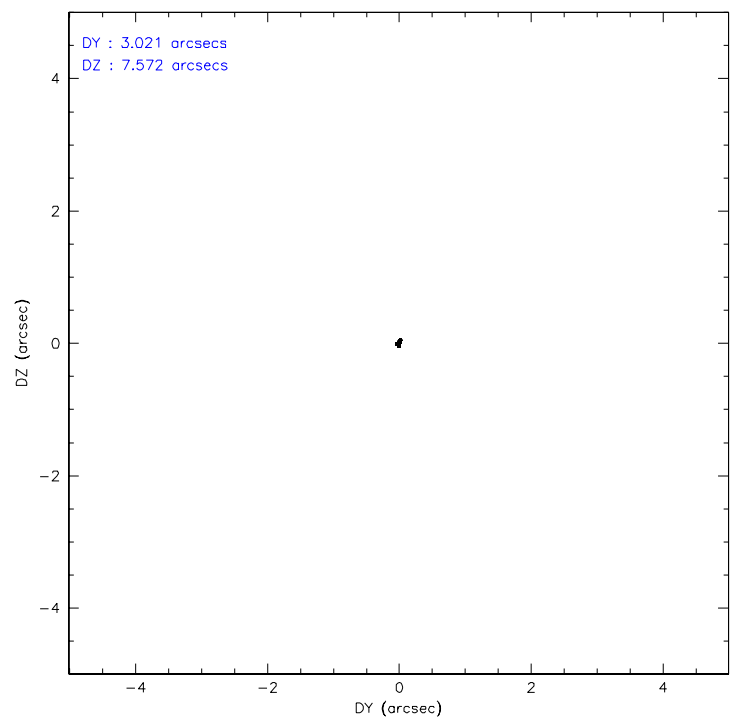
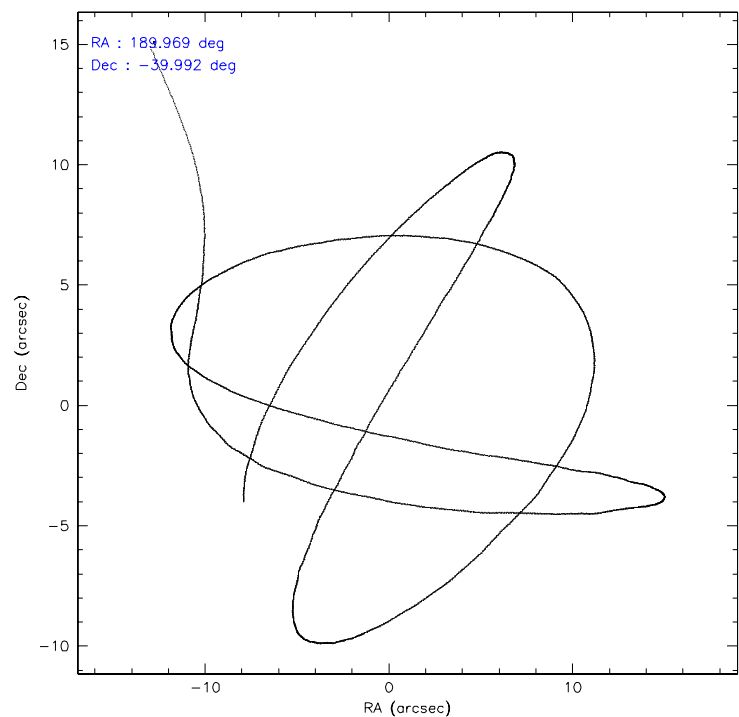
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	55188	54813	54436	56091	58174	90542
rejected events	53532	53035	52753	54306	56500	83465
rejected %	96%	96%	96%	96%	97%	92%

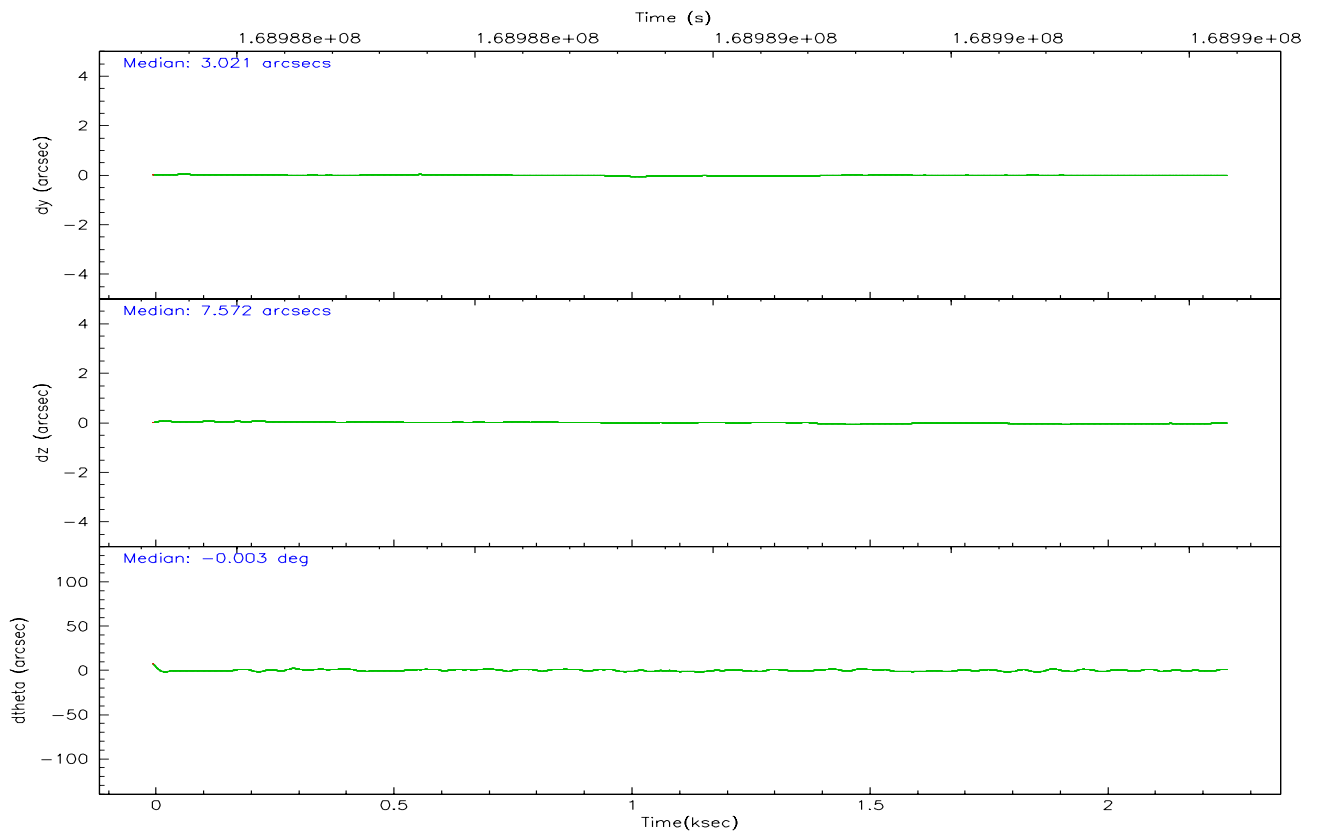
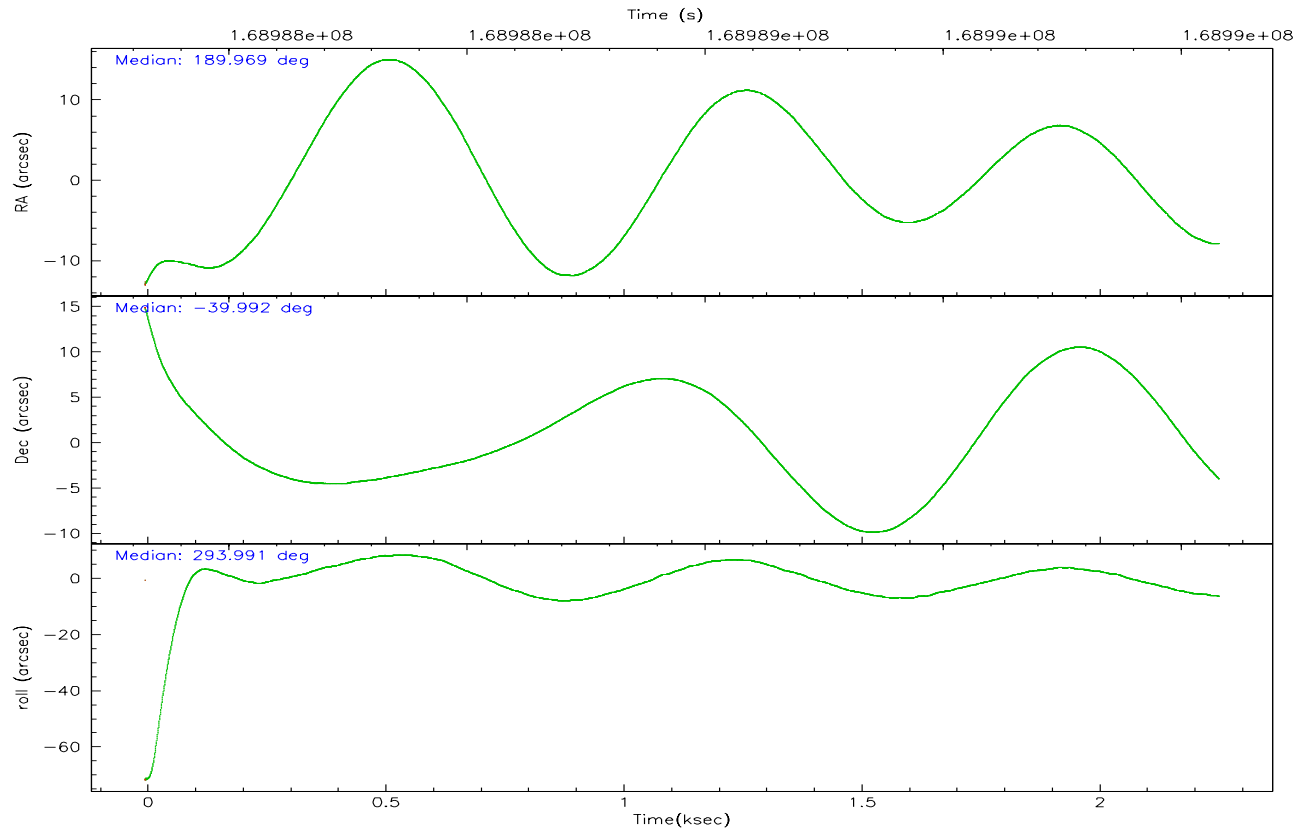
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	20735	20536	19451	21118	20566	11566
	37%	37%	35%	37%	35%	12%
grade 1 events	112	106	104	114	101	46
	0%	0%	0%	0%	0%	0%
grade 2 events	6617	6735	5897	6475	6710	19631
	11%	12%	10%	11%	11%	21%
grade 3 events	2458	2360	2331	2421	2372	5006
	4%	4%	4%	4%	4%	5%
grade 4 events	2461	2521	2358	2442	2442	4825
	4%	4%	4%	4%	4%	5%
grade 5 events	948	975	955	975	1105	2793
	1%	1%	1%	1%	1%	3%
grade 6 events	5407	5514	4812	5290	6187	26304
	9%	10%	8%	9%	10%	29%
grade 7 events	16450	16066	18528	17256	18691	20371
	29%	29%	34%	30%	32%	22%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	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	189.939859	189.968711313209	Alternating exposures requested	N	N
Pointing Dec	-39.975927	-39.99177202812366	Primary exposure time	0.000000	3.2
Pointing Roll	293.765929	293.9927189512014			
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	168987974.184000	168985882.51435			
Observation start date	2003-05-10T21:05:10	2003-05-10T20:31:22			
Observation end time	168990074.184000	168990987.52707			
Observation end date	2003-05-10T21:40:10	2003-05-10T21:56:27			
Read mode	TIMED	TIMED			

2.3 Aspect



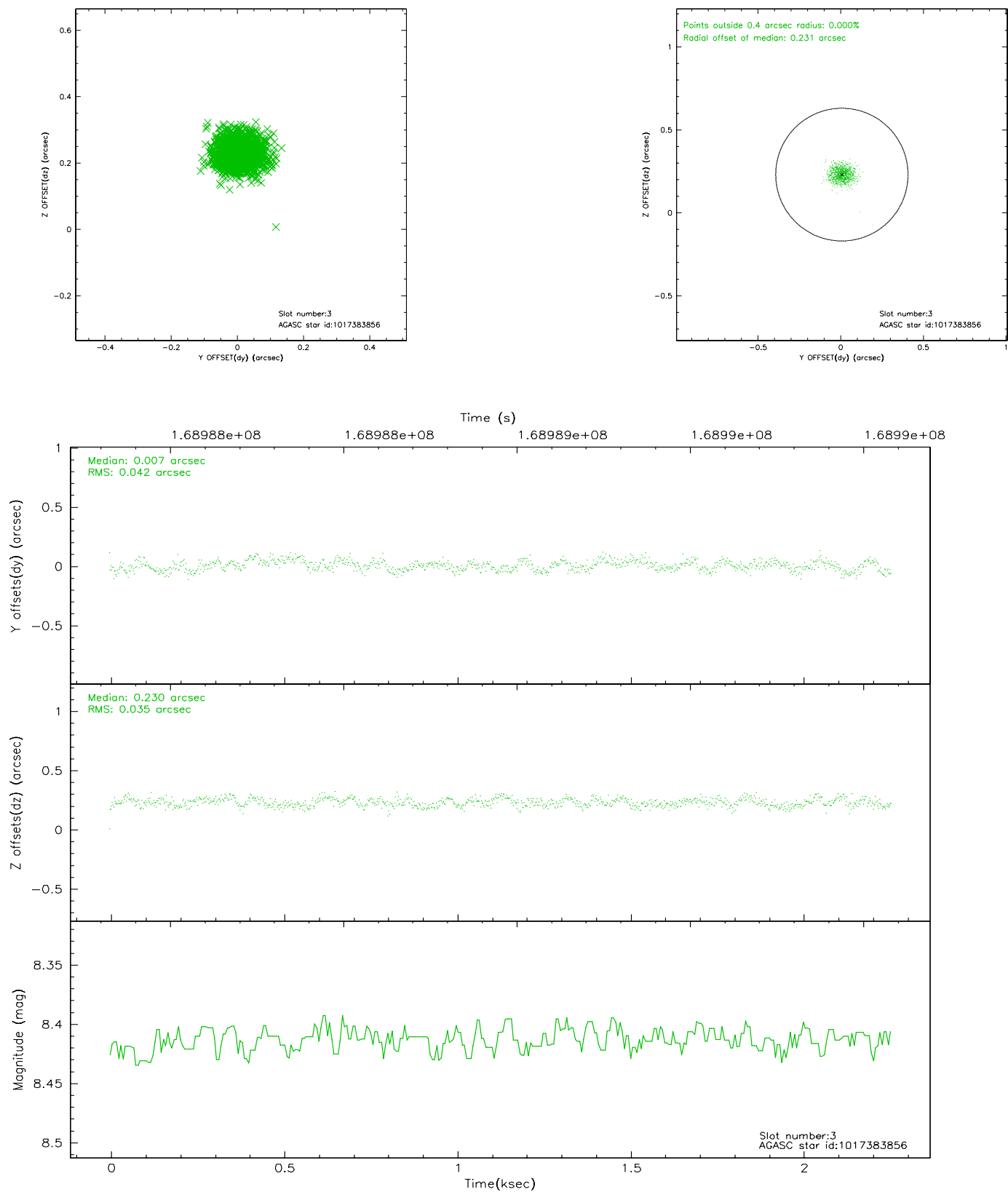


Slot Statistics

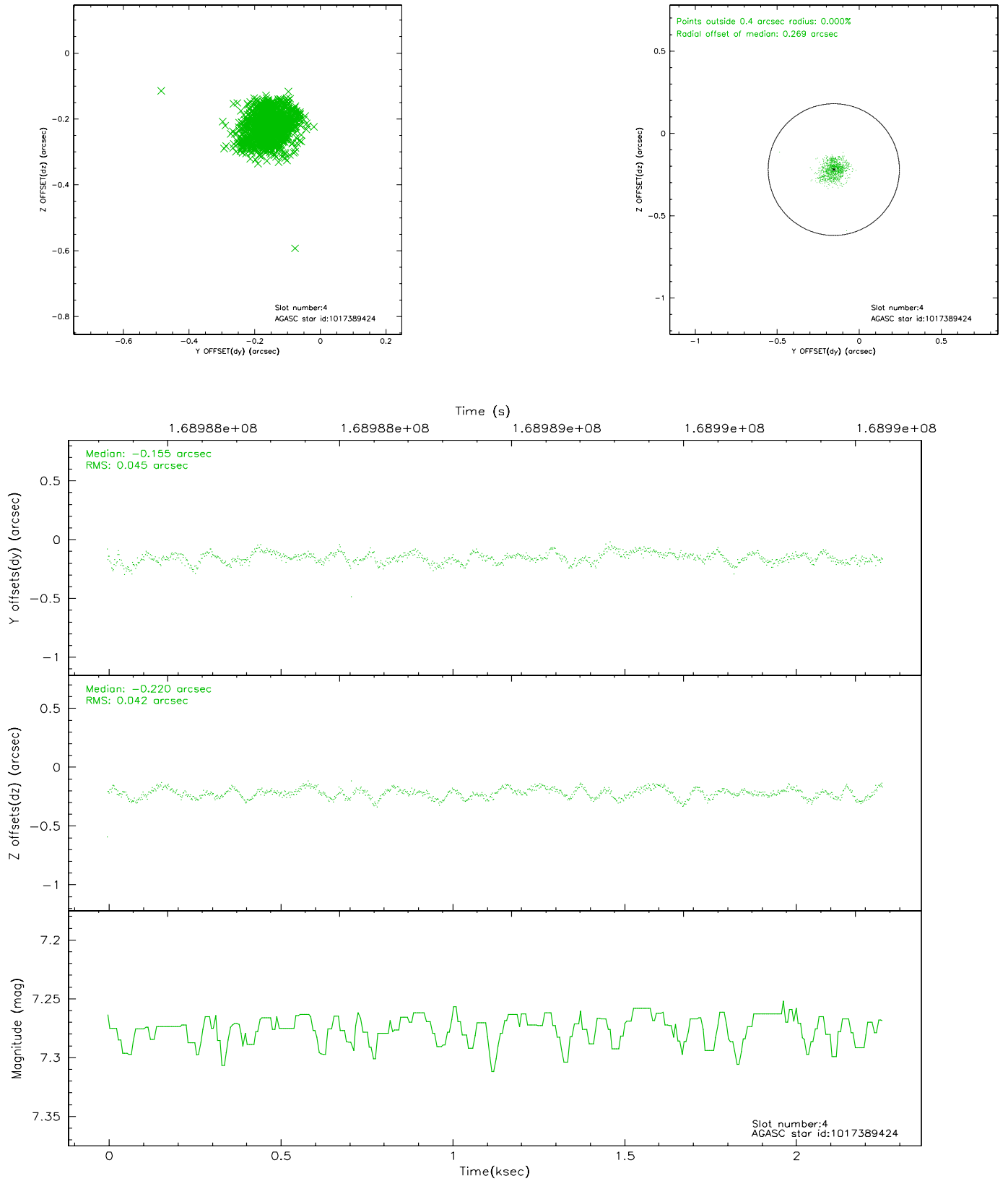
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	550	-0.091	0.035	0.009	0.015	0.000000	0.000000	936.71	-830.92
1	FID	ACIS-I-2	7.14	550	-0.032	-0.023	0.007	0.011	0.000000	0.000000	-755.71	-838.90
2	FID	ACIS-I-4	7.17	550	0.025	0.055	0.006	0.011	0.000000	0.000000	2155.36	1067.48
3	GUIDE	1017383856	8.41	1101	0.007	0.230	0.059	0.089	189.725196	-39.655865	-1293.21	-80.16
4	GUIDE	1017389424	7.28	1100	-0.155	-0.220	0.064	0.101	189.670980	-39.392364	-2223.90	161.33
5	GUIDE	1019084936	8.46	1097	0.040	0.088	0.074	0.117	190.582410	-39.936294	588.74	1678.46
6	GUIDE	1019089792	8.94	1090	0.058	-0.075	0.100	0.164	190.585914	-39.523689	-760.04	2297.00
7	GUIDE	1019101328	6.77	1098	0.039	-0.025	0.062	0.098	190.859432	-40.177847	1696.50	2019.02

2.4 Star Slots

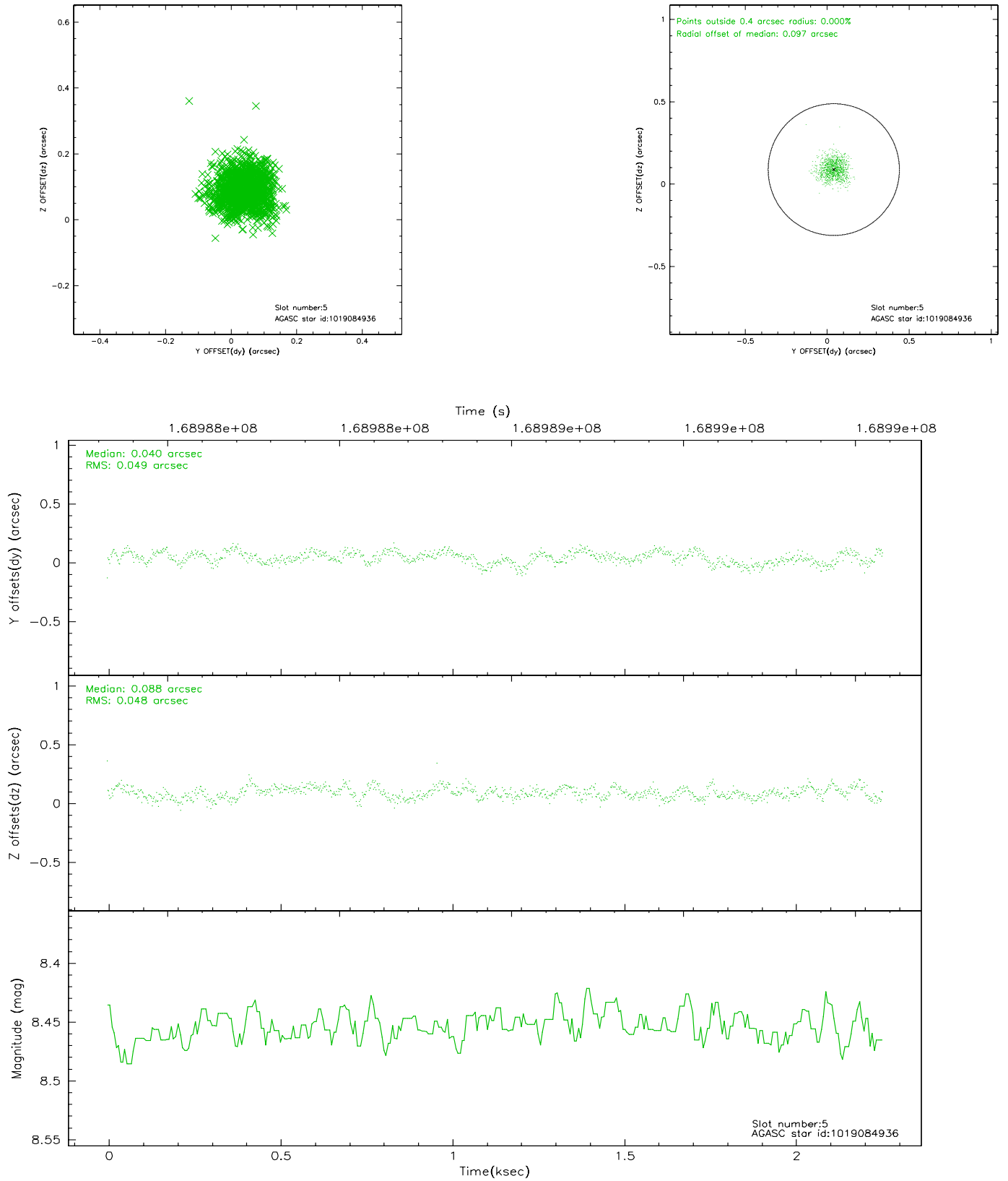
2.4.1 Slot 3



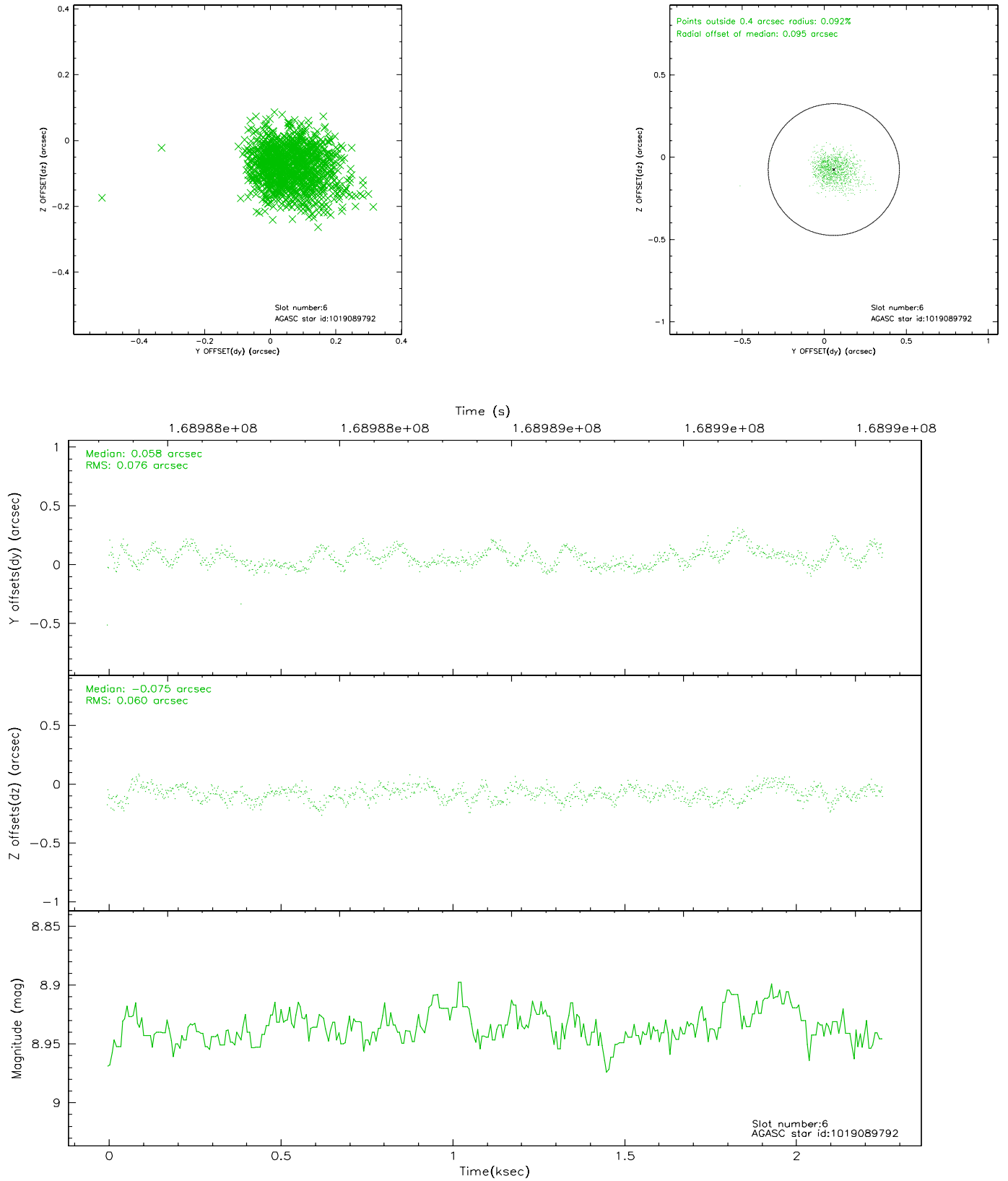
2.4.2 Slot 4



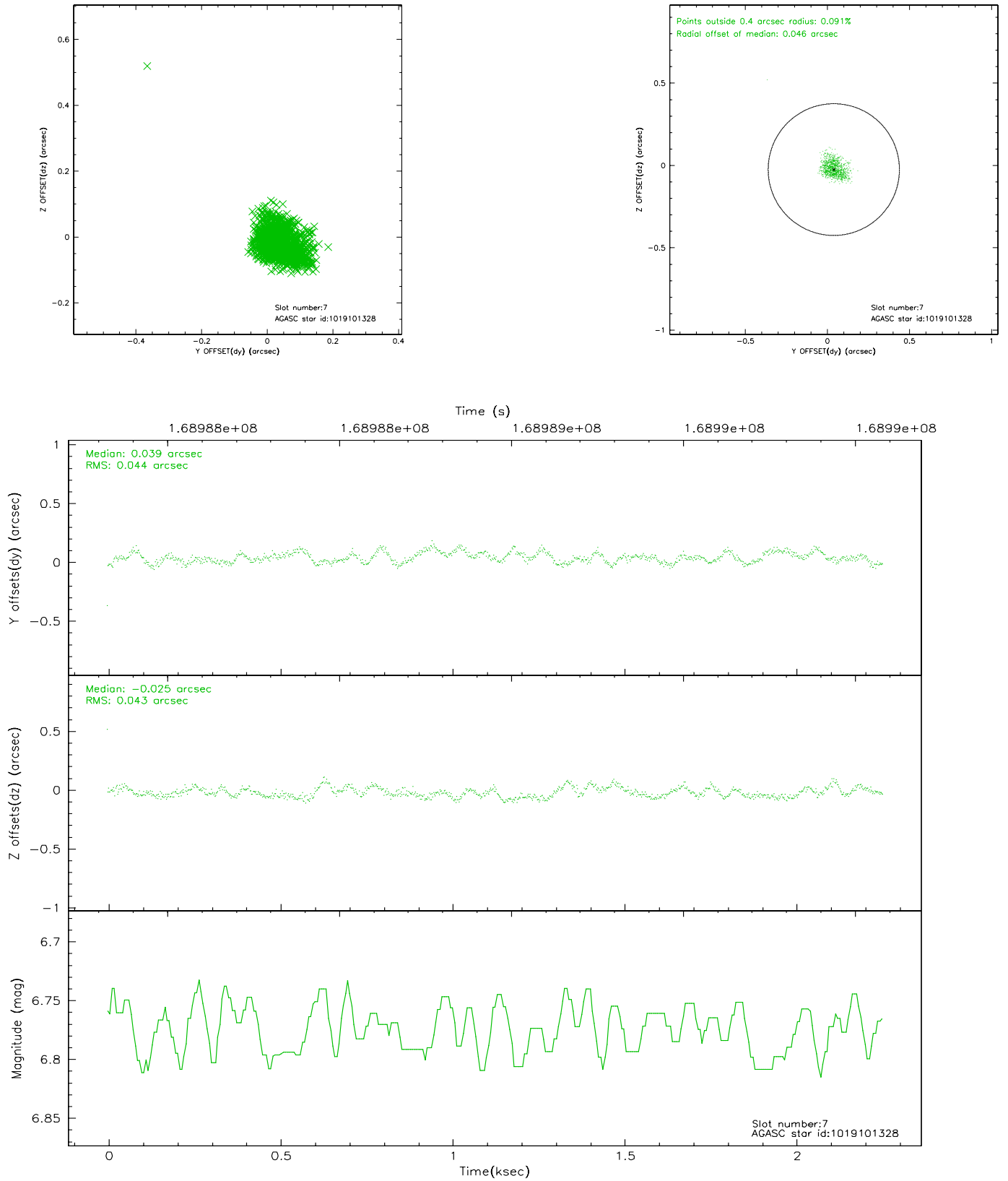
2.4.3 Slot 5



2.4.4 Slot 6

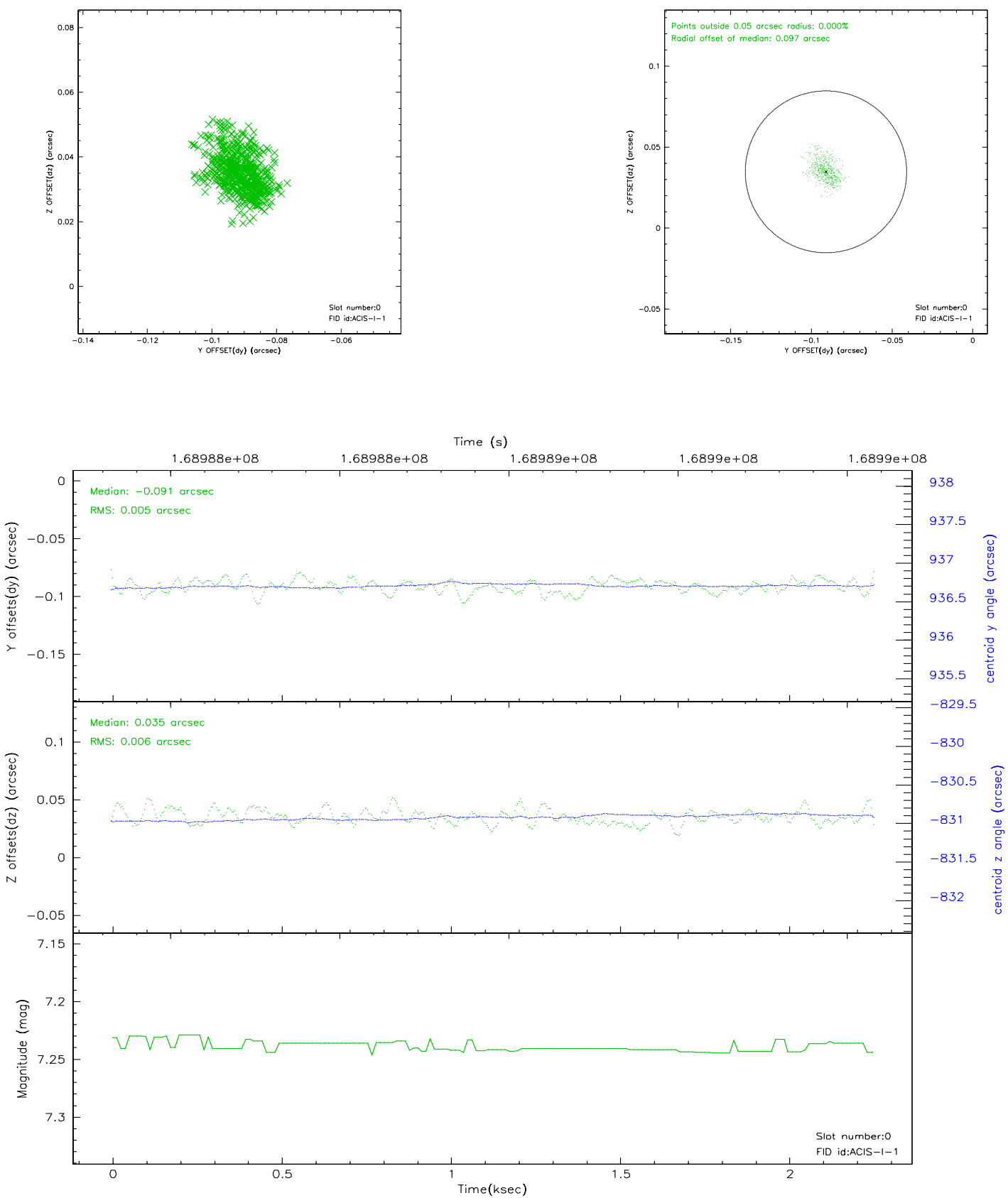


2.4.5 Slot 7

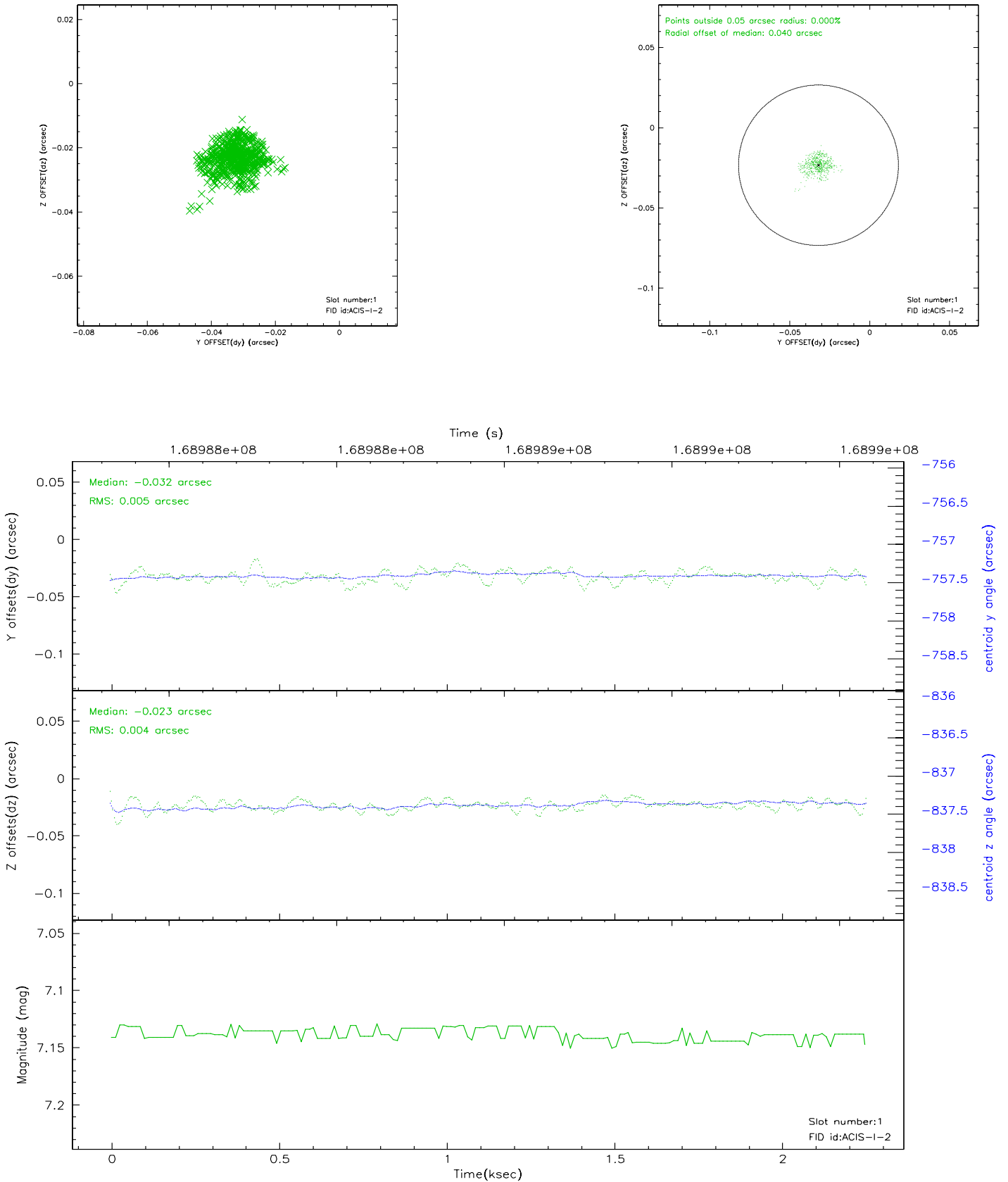


2.5 FID Slots

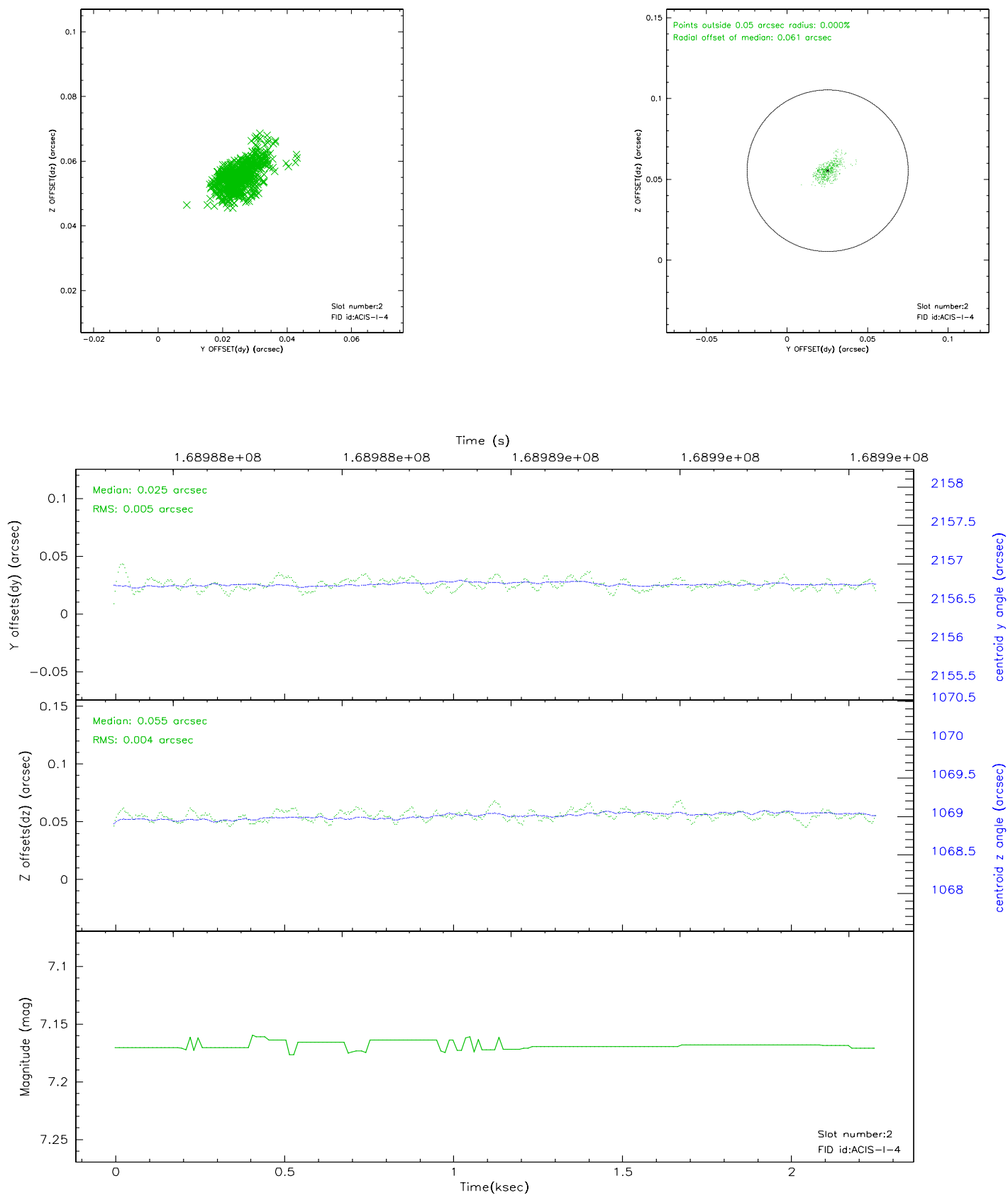
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

9.37 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.08.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.246

A.2 Comments