

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5376 - L2 Version 001
Chandra X-Ray Center

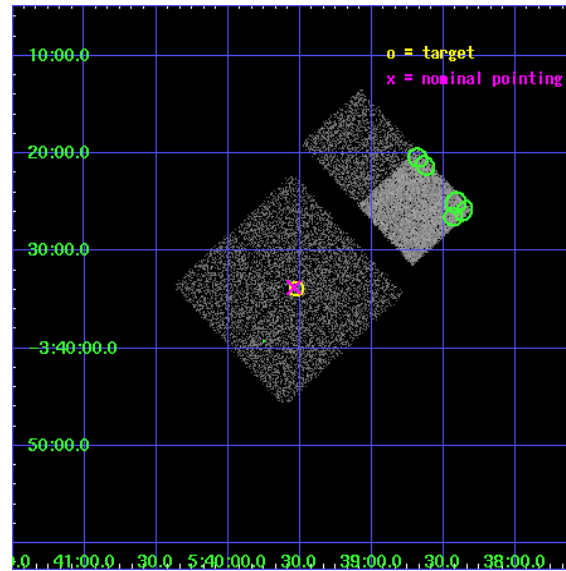
L2 Processing Date : Apr 10 2006

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1 Front

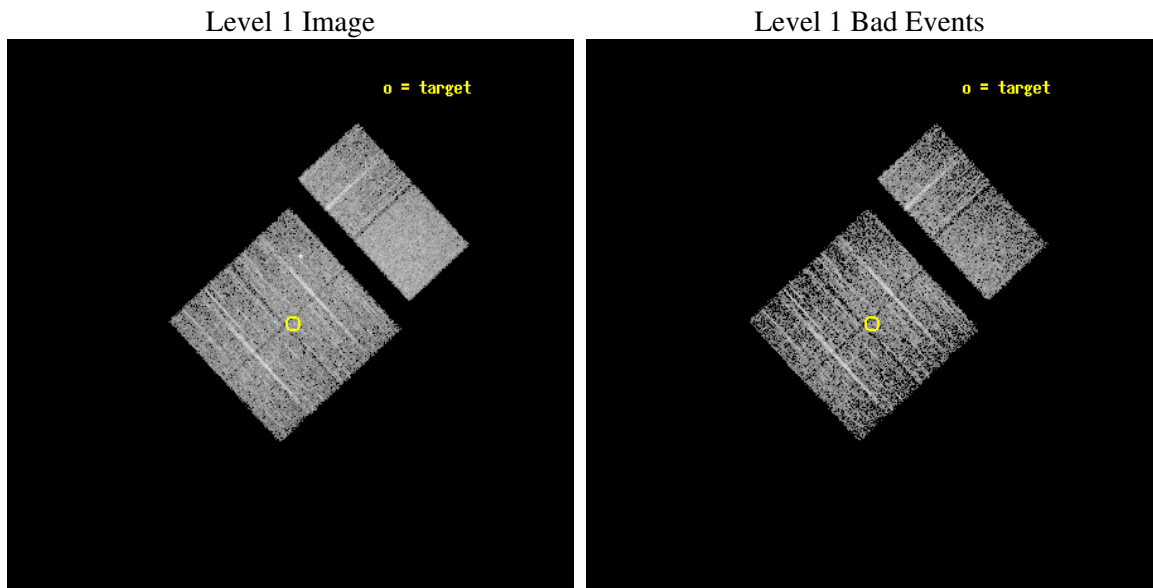
seq_num	200311
obs_id	5376
title	Search for beta Pic analogs
observer	Professor Gordon Garmire
object	HR 1940
dtcycle	0
cycle	P
ra_targ	84.88125
dec_targ	-3.564722
ra_nom	84.885322367554
dec_nom	-3.5627359082789
roll_nom	47.176634329508
revision	2
ontime	3001.5999888182
livetime	2963.5919224132
ontime0	3001.5999888182
ontime1	3001.5999888182
ontime2	3001.5999888182
ontime3	3001.5999888182
ontime6	3001.5999888182
ontime7	3001.5999888182
l2events	24859



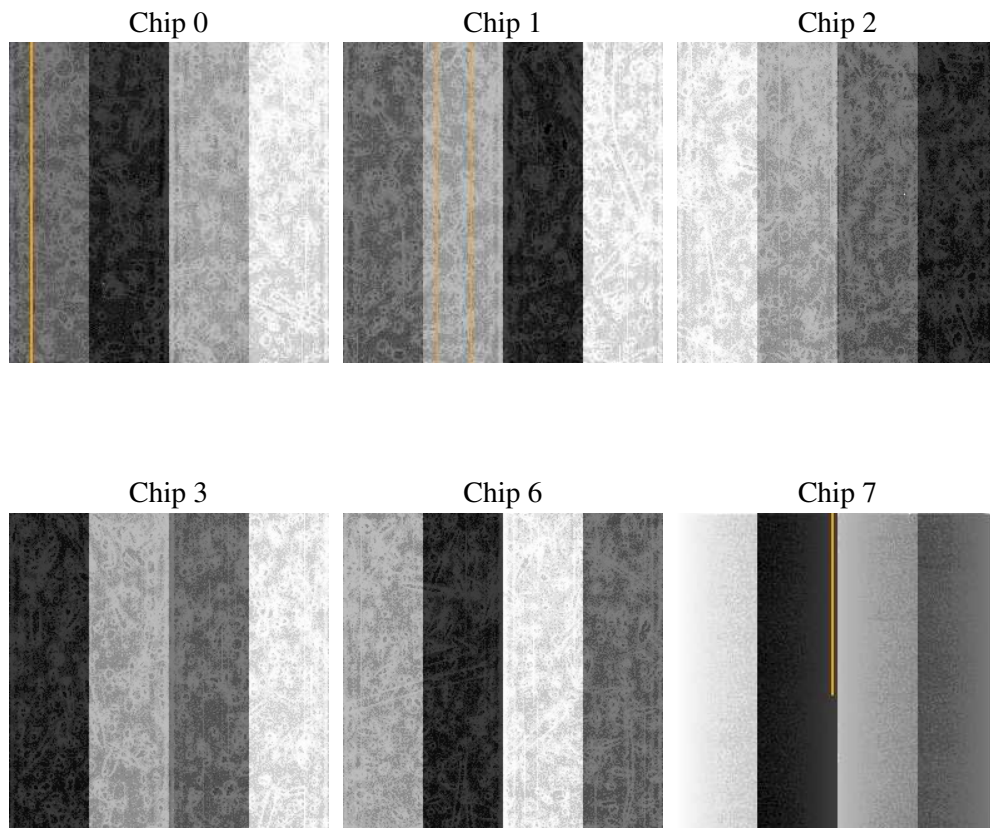
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-04-10T10:45:01
revision	2

sched_exp_time	3044.047000
ontime	3007.6571751833
ontime0	3007.6571751833
ontime1	3007.6571751833
ontime2	3007.6571751833
ontime3	3007.6571751833
ontime6	3004.4161750078
ontime7	3004.4161750078
l1events	145657

2.1.4 Events

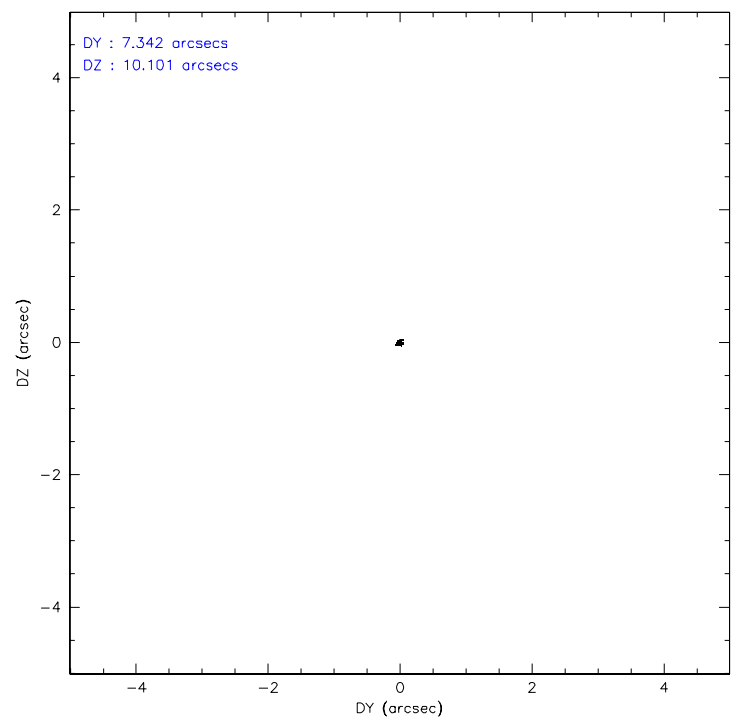
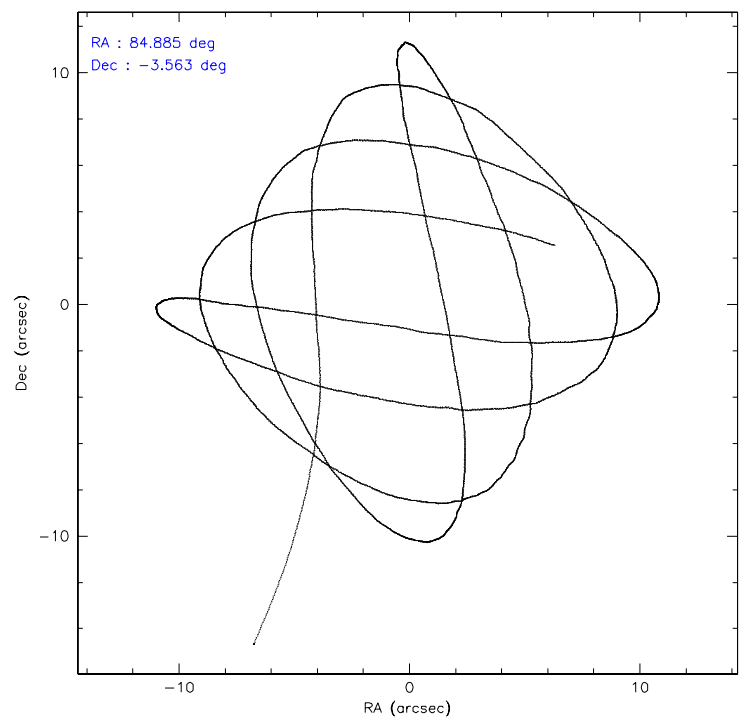
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	21517	21110	23557	22429	24376	32668
rejected events	18652	18038	20563	19759	21529	19647
rejected %	86%	85%	87%	88%	88%	60%

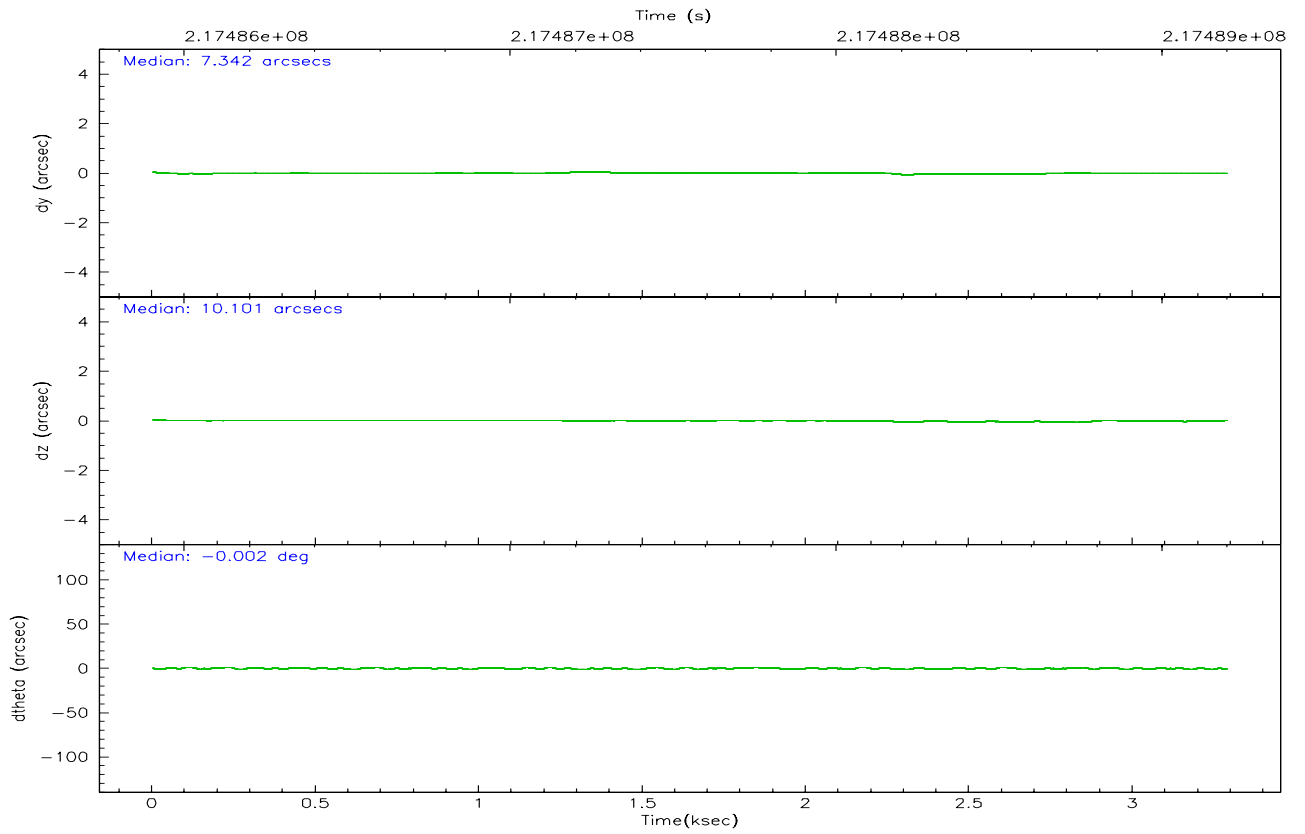
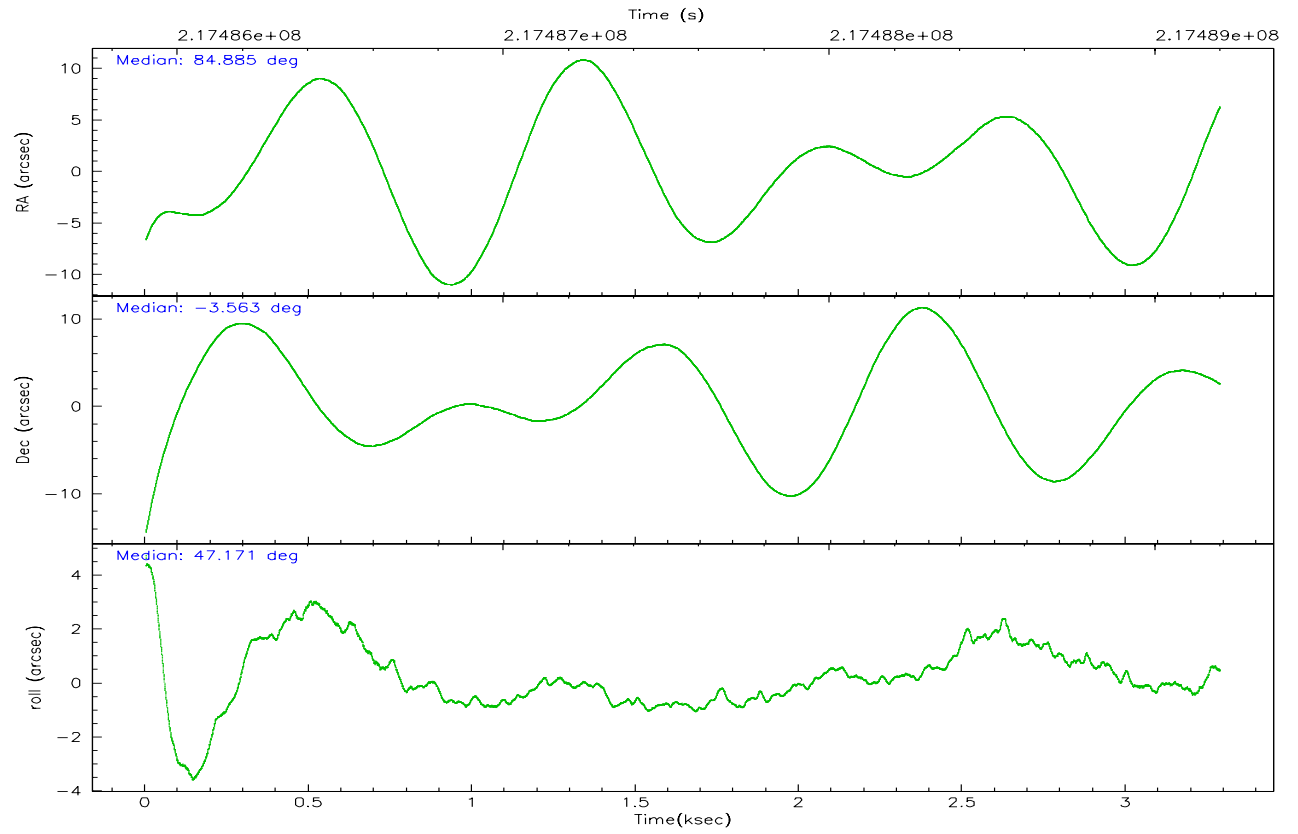
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	1215	1271	1522	1174	1099	753
	5%	6%	6%	5%	4%	2%
grade 1 events	15	12	15	11	13	22
	0%	0%	0%	0%	0%	0%
grade 2 events	609	678	520	508	626	3305
	2%	3%	2%	2%	2%	10%
grade 3 events	273	292	263	283	297	650
	1%	1%	1%	1%	1%	1%
grade 4 events	265	290	253	268	269	593
	1%	1%	1%	1%	1%	1%
grade 5 events	880	991	944	1040	1088	2056
	4%	4%	4%	4%	4%	6%
grade 6 events	511	549	443	438	557	7741
	2%	2%	1%	1%	2%	23%
grade 7 events	17749	17027	19597	18707	20427	17548
	82%	80%	83%	83%	83%	53%

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	84.879506	84.88532236755445	Alternating exposures requested	N	N
Pointing Dec	-3.589547	-3.562735908278859	Primary exposure time	0.000000	3.2
Pointing Roll	46.967542	47.17663432950761			
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	217486151.184000	217485159.78222			
Observation start date	2004-11-22T04:48:07	2004-11-22T04:32:39			
Observation end time	217489195.184000	217489430.44491			
Observation end date	2004-11-22T05:38:51	2004-11-22T05:43:50			
Read mode	TIMED	TIMED			

2.3 Aspect



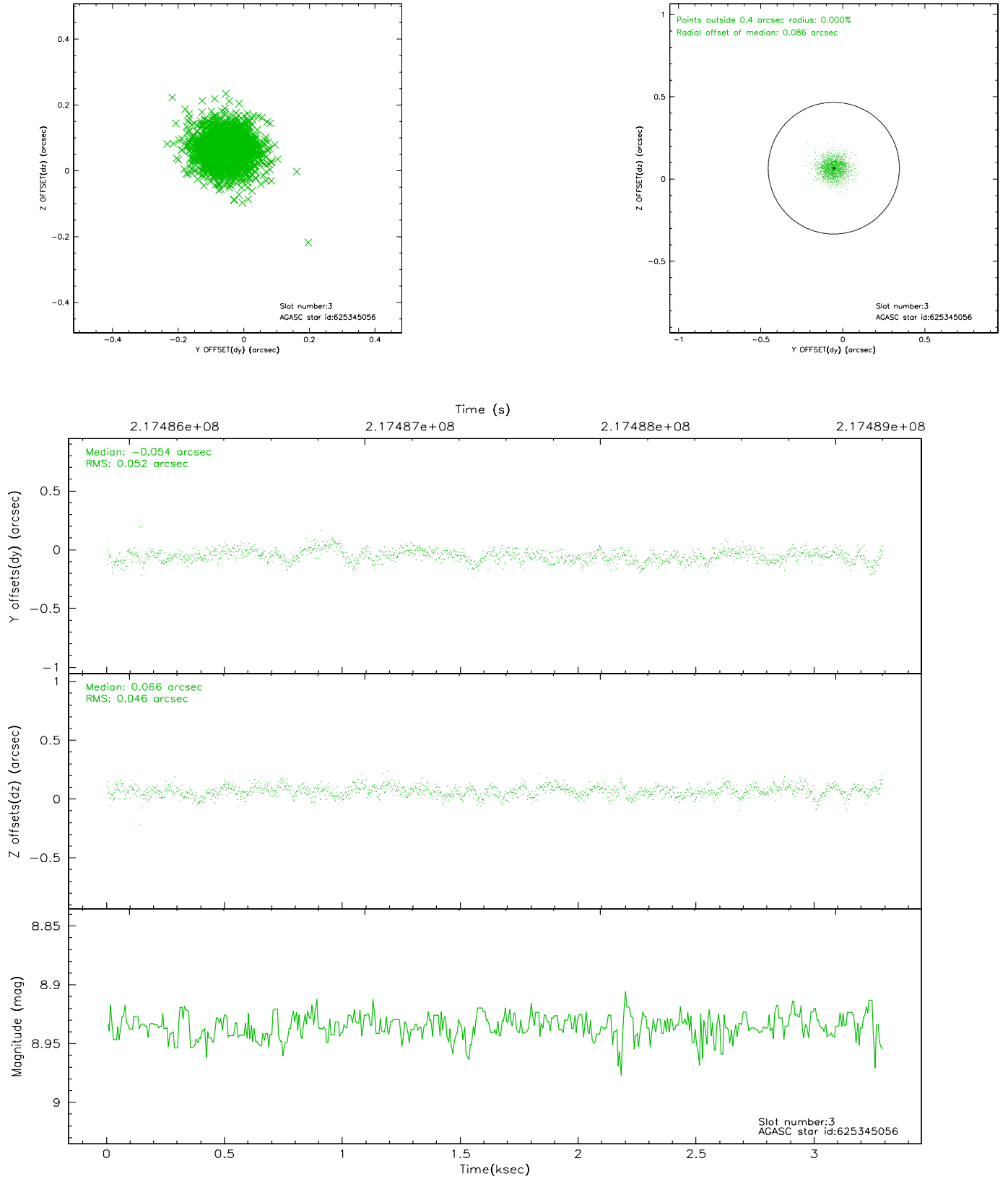


Slot Statistics

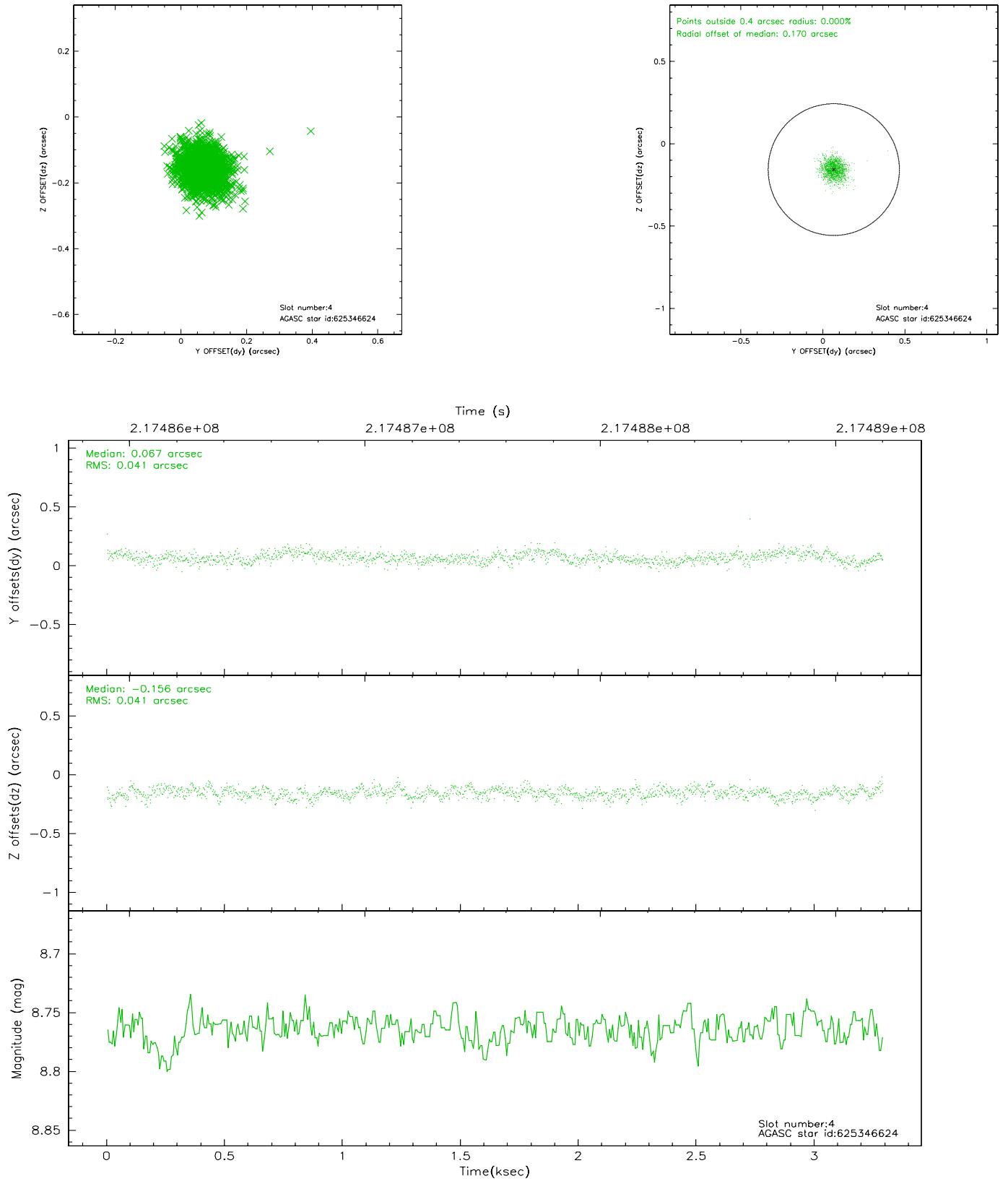
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	802	-0.018	0.047	0.006	0.010	0.000000	0.000000	932.31	-833.52
1	FID	ACIS-I-5	7.23	802	-0.127	0.016	0.007	0.010	0.000000	0.000000	-1814.83	1062.98
2	FID	ACIS-I-6	7.25	802	0.054	0.007	0.007	0.011	0.000000	0.000000	395.84	1709.65
3	GUIDE	625345056	8.94	1605	-0.054	0.066	0.072	0.119	85.456723	-3.492266	1671.48	-1277.85
4	GUIDE	625346624	8.76	1605	0.067	-0.156	0.061	0.098	84.578621	-3.554993	-645.47	873.53
5	GUIDE	625354136	8.19	1605	-0.041	0.032	0.060	0.102	85.400150	-3.731186	903.46	-1715.41
6	GUIDE	625874648	7.29	1605	0.016	0.036	0.067	0.103	84.563727	-4.108233	-2137.78	-447.40
7	GUIDE	625354112	7.42	1604	0.004	0.029	0.060	0.094	85.082179	-3.427078	923.64	-133.94

2.4 Star Slots

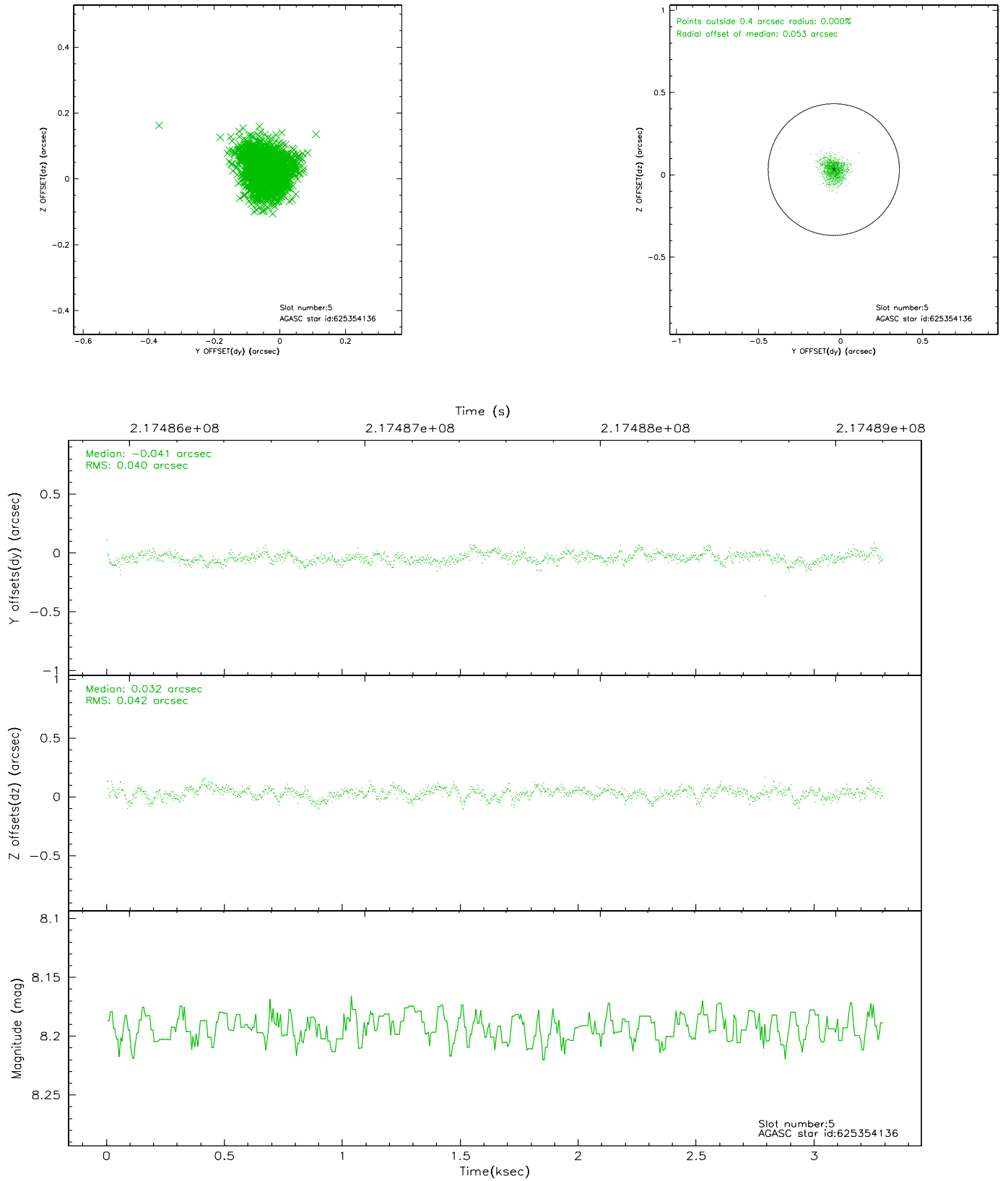
2.4.1 Slot 3



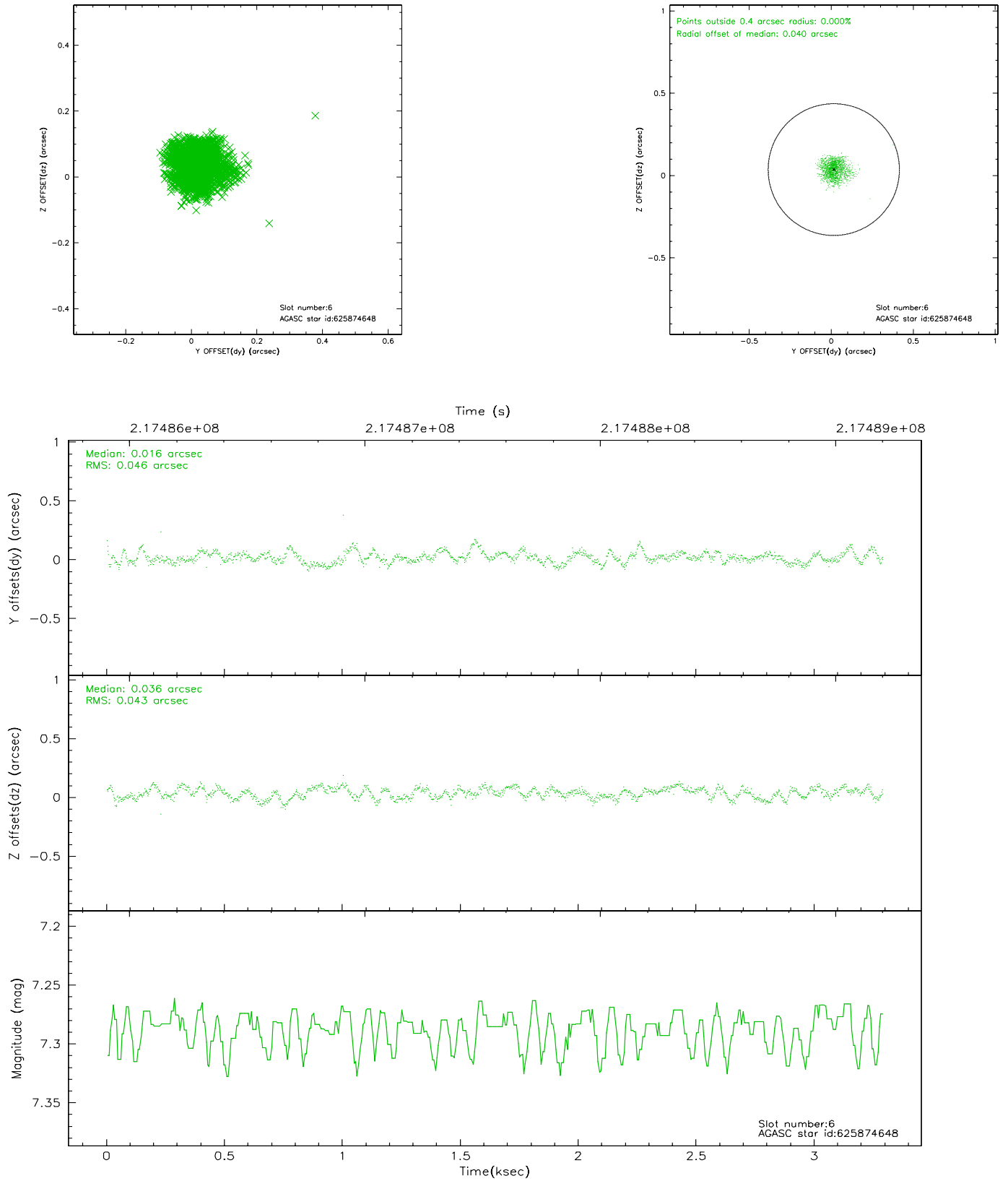
2.4.2 Slot 4



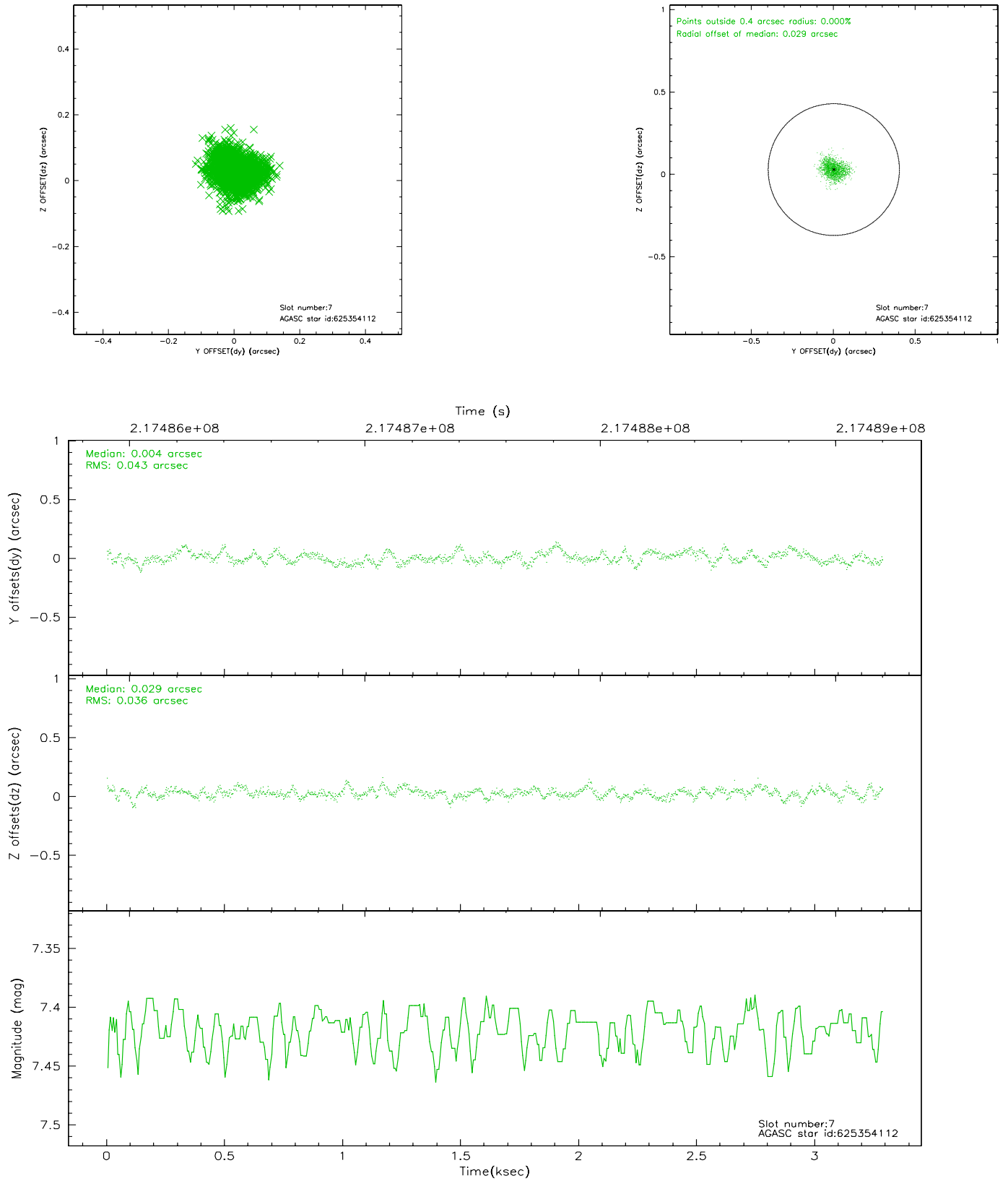
2.4.3 Slot 5



2.4.4 Slot 6

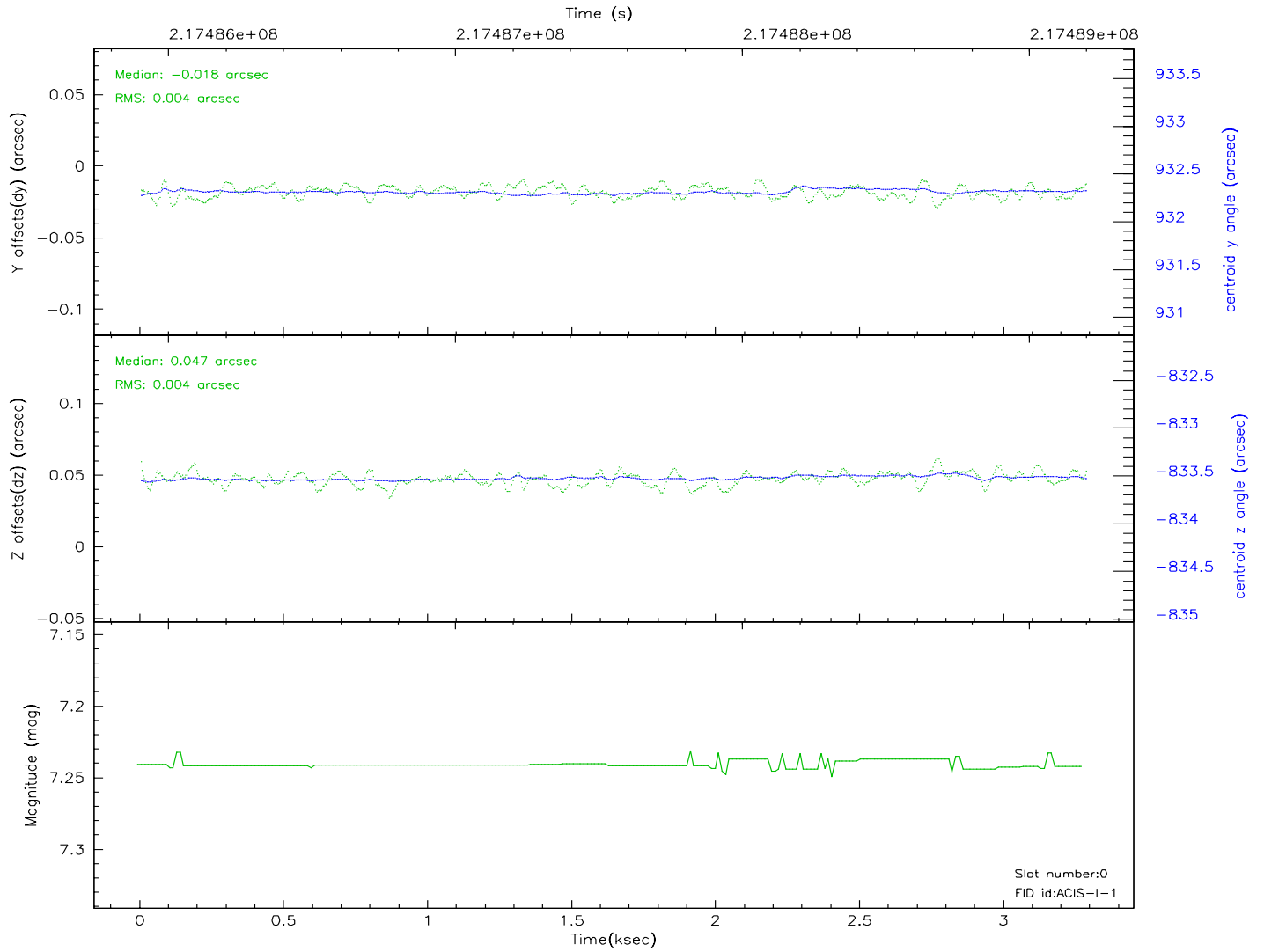
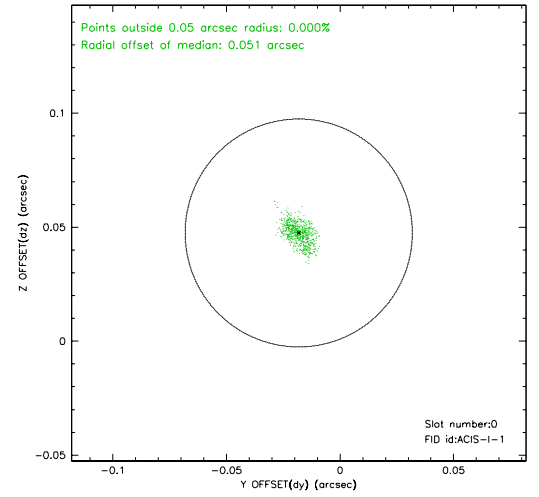
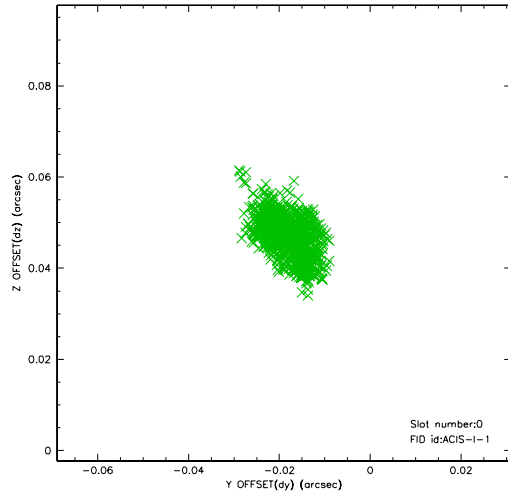


2.4.5 Slot 7

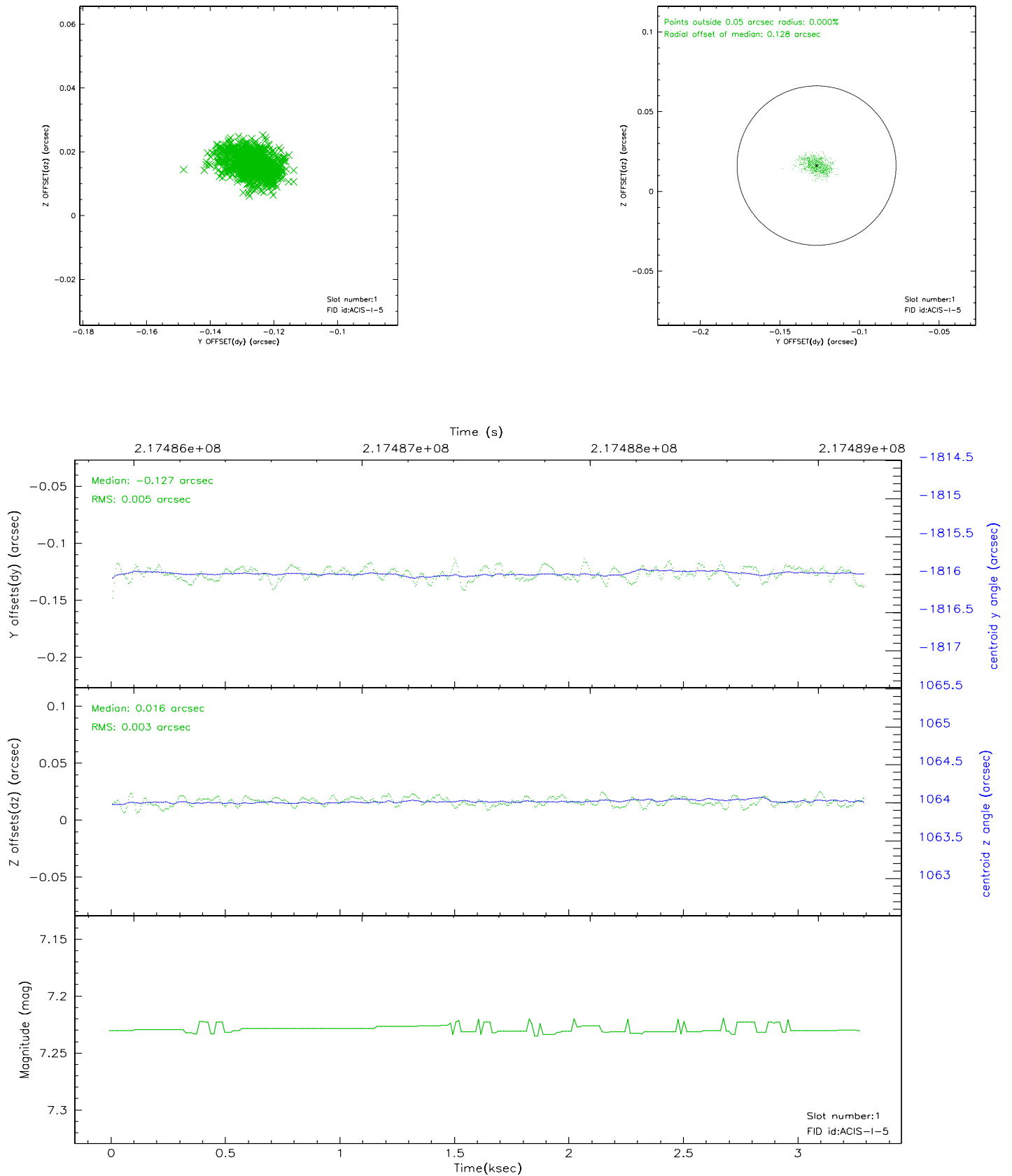


2.5 FID Slots

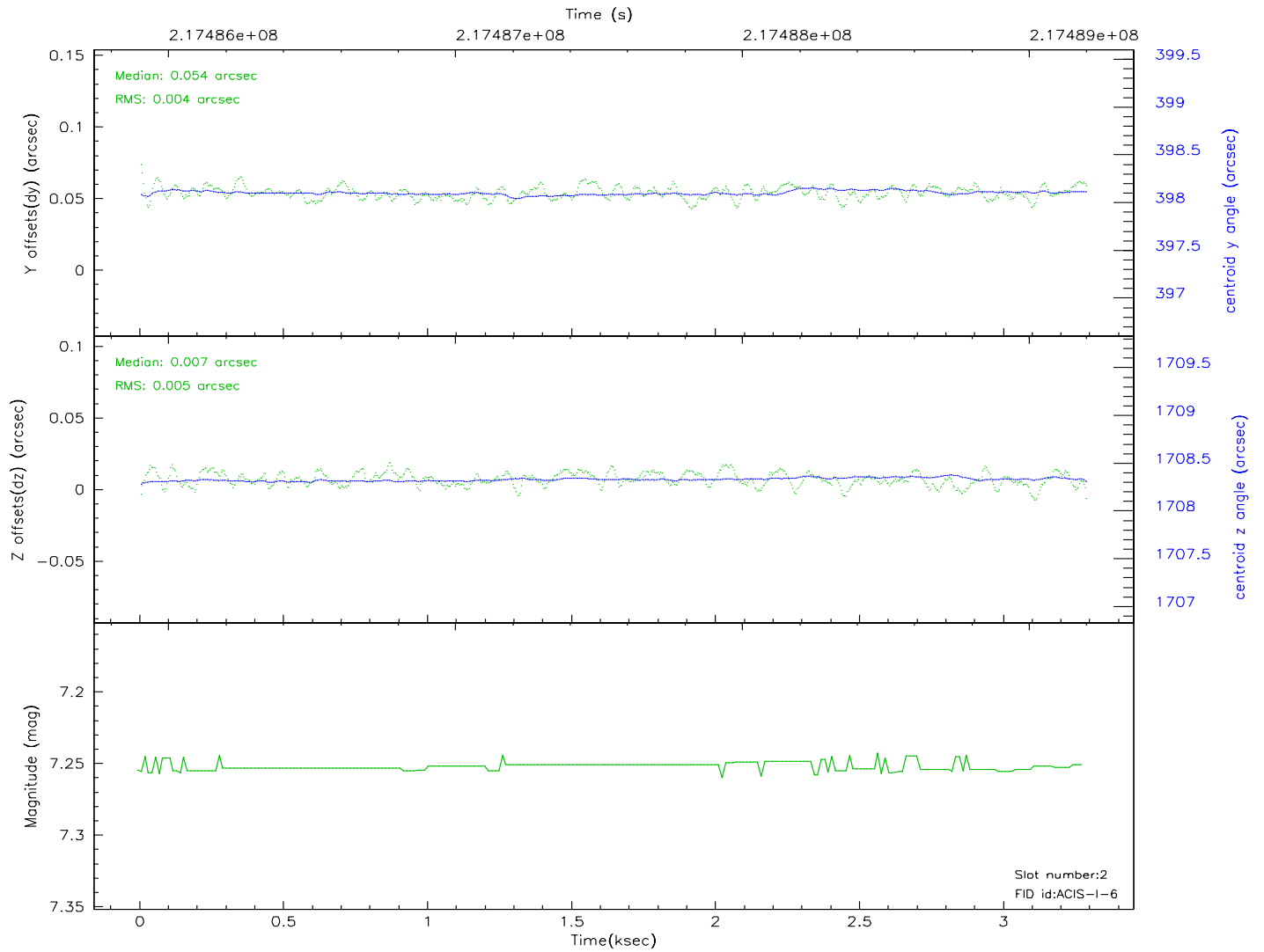
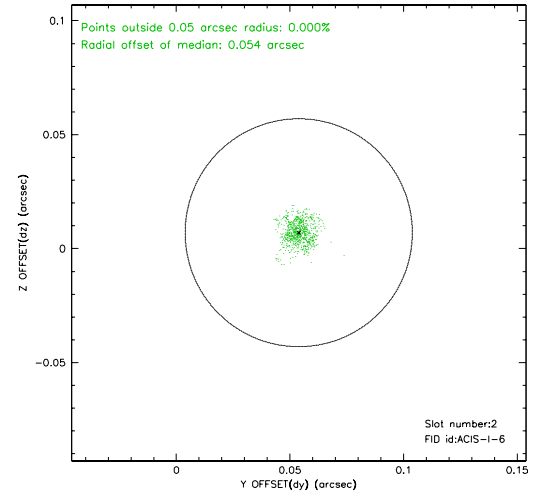
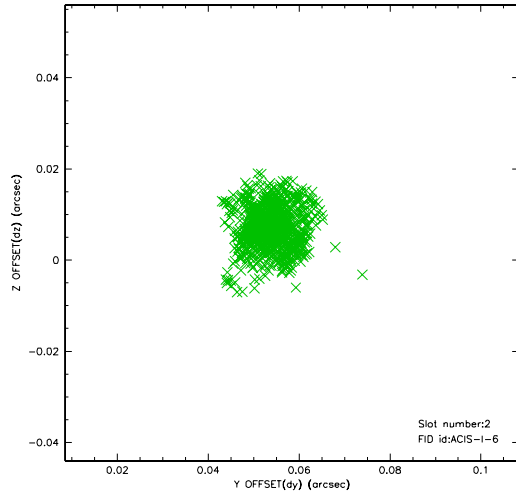
2.5.1 Slot 0



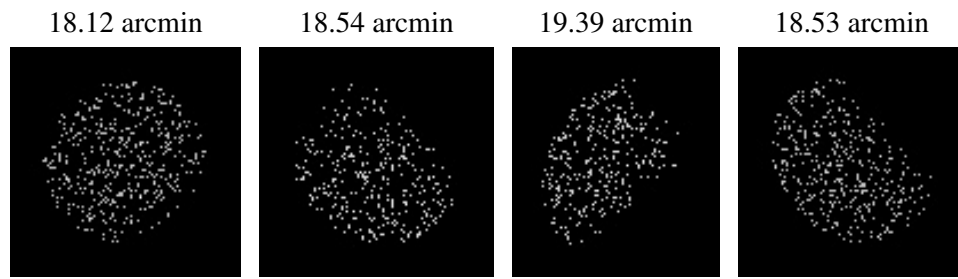
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.04.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.001

A.2 Comments