

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2553 - L2 Version 001
Chandra X-Ray Center

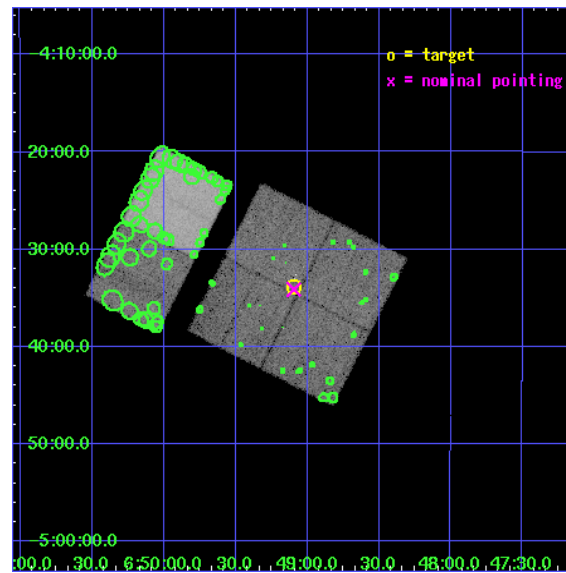
L2 Processing Date : Aug 31 2006

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1 Front

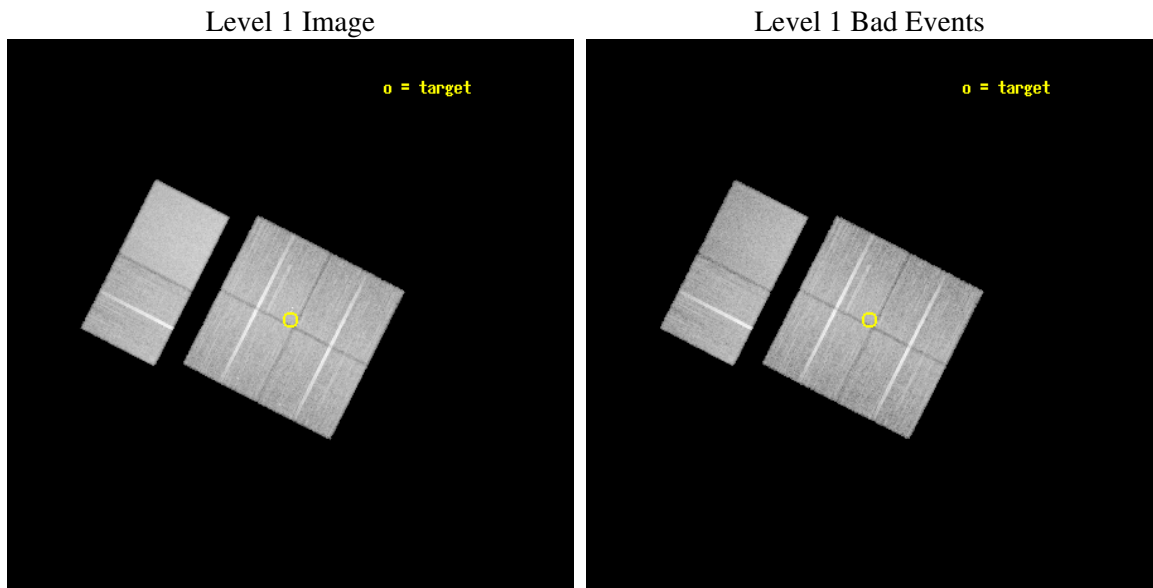
seq_num	200161
obs_id	2553
title	STAR FORMATION IN QUIESCENT GIANT MOLECULAR CLOUDS
observer	Prof. Eric Feigelson
object	MADDALENA'S CLOUD
dtcycle	0
cycle	P
ra_targ	102.272917
dec_targ	-4.563889
ra_nom	102.27326480491
dec_nom	-4.5685772531341
roll_nom	297.03039410457
revision	2
ontime	29161.600027159
livetime	28792.338288608
ontime0	29161.600027159
ontime1	29158.359036982
ontime2	29161.600027159
ontime3	29161.600027159
ontime6	29161.600027159
ontime7	29161.600027159
l2events	223188



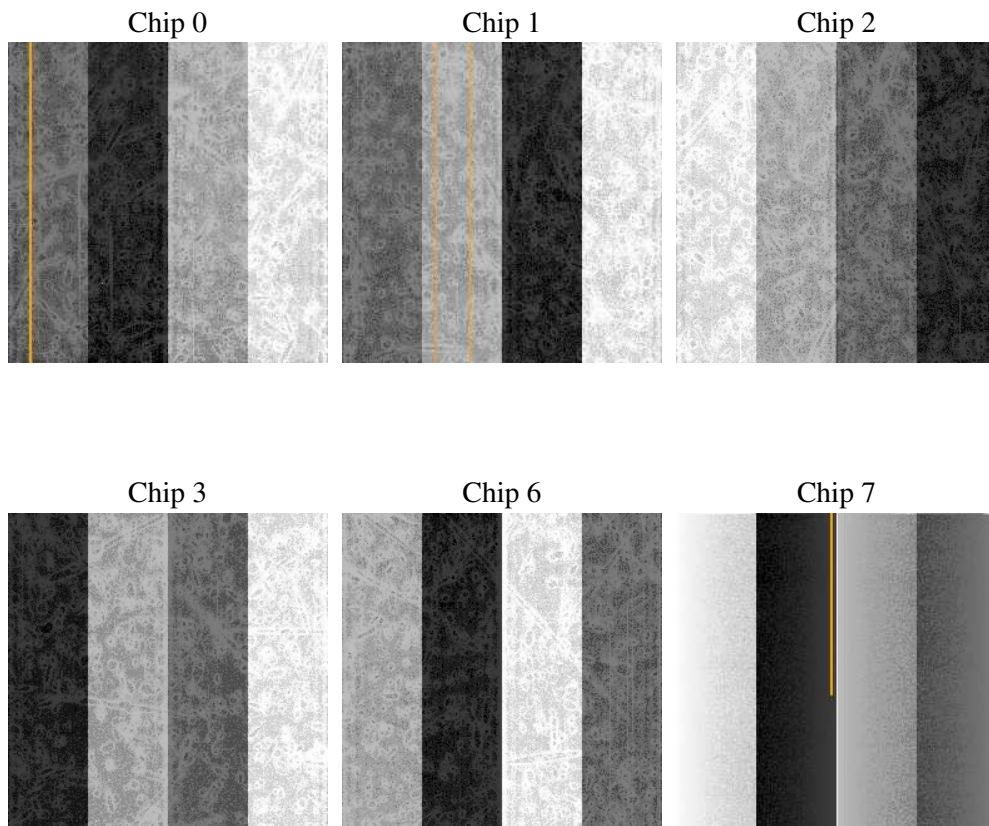
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldsver	3.2.3
date	2006-08-31T17:35:28
revision	2

sched_exp_time	29200.000000
ontime	29165.795327157
ontime0	29165.795327157
ontime1	29162.55433698
ontime2	29165.795327157
ontime3	29165.795327157
ontime6	29165.795327157
ontime7	29165.795347065
l1events	1225124

2.1.4 Events

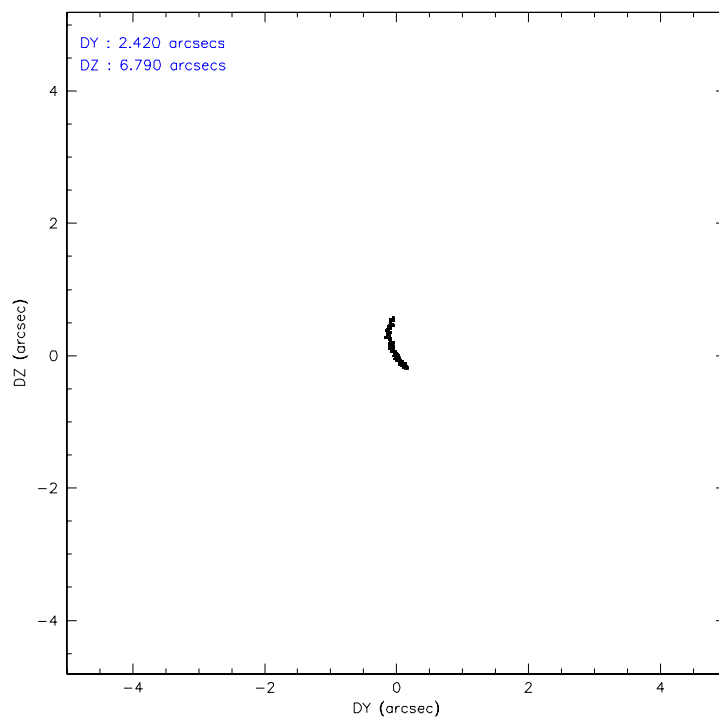
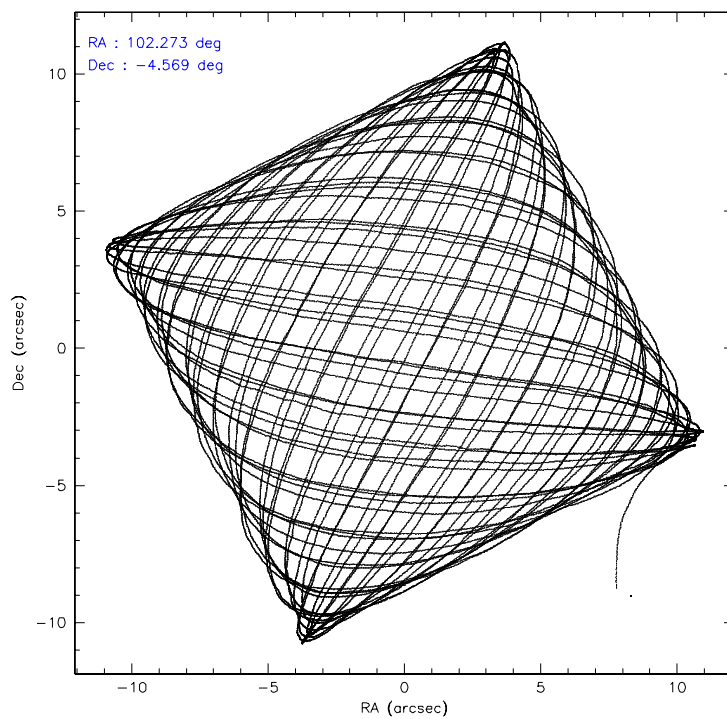
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	182142	181886	194041	197999	206332	262724
rejected events	154497	152944	167782	170370	178315	158112
rejected %	84%	84%	86%	86%	86%	60%

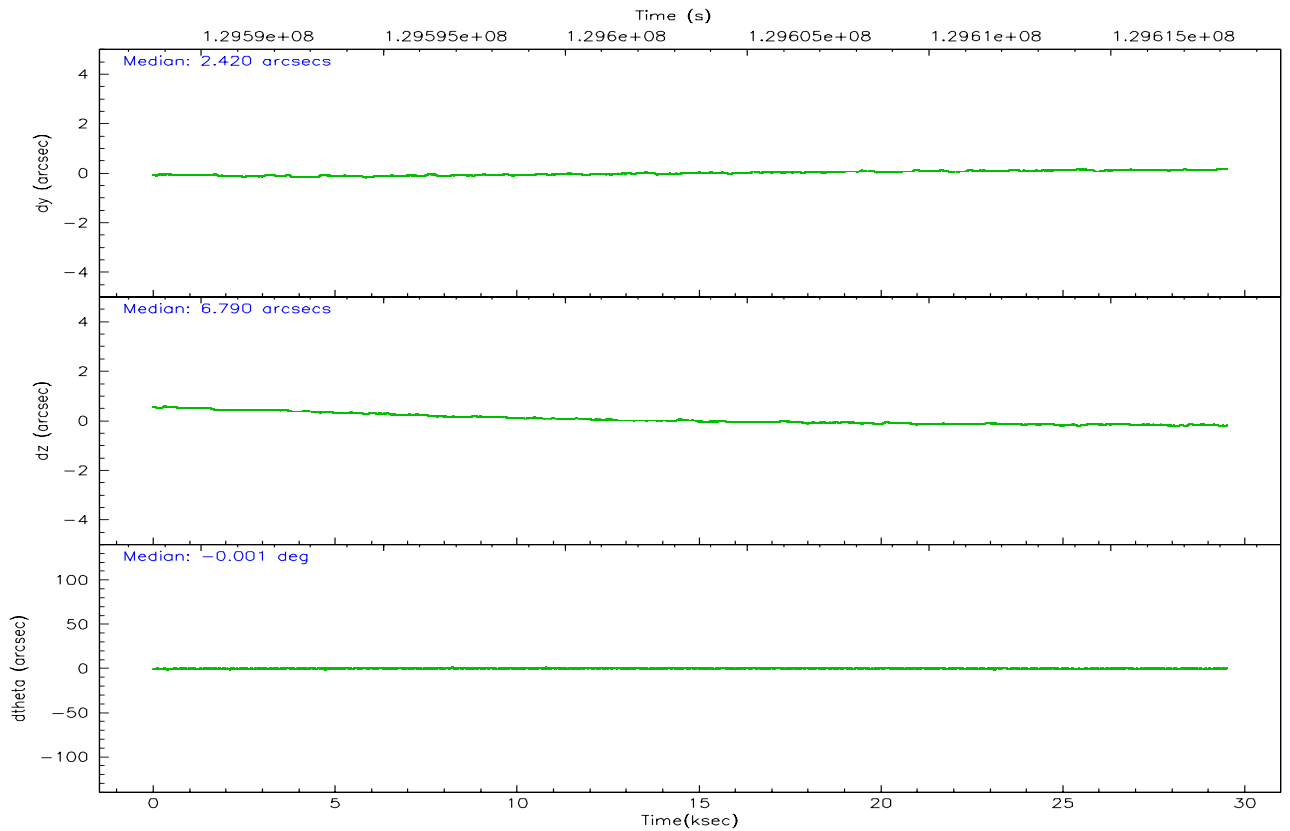
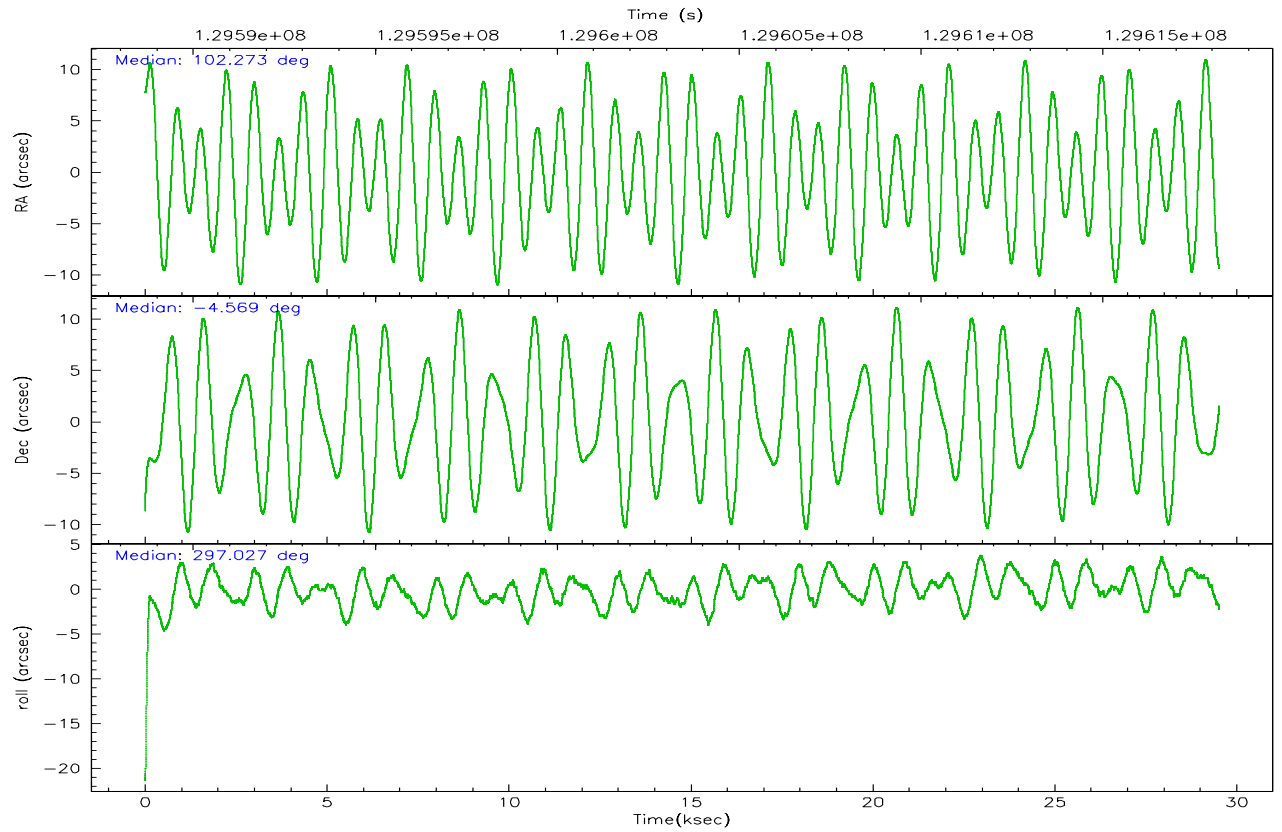
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	13485	13554	12639	13686	13214	6012
	7%	7%	6%	6%	6%	2%
grade 1 events	107	94	83	98	115	148
	0%	0%	0%	0%	0%	0%
grade 2 events	5339	5450	5396	5054	5210	24986
	2%	2%	2%	2%	2%	9%
grade 3 events	2425	2674	2142	2307	2449	5155
	1%	1%	1%	1%	1%	1%
grade 4 events	2271	2499	2152	2315	2311	5068
	1%	1%	1%	1%	1%	1%
grade 5 events	7054	7451	6662	7641	8364	16946
	3%	4%	3%	3%	4%	6%
grade 6 events	4127	4767	3933	4269	4835	63402
	2%	2%	2%	2%	2%	24%
grade 7 events	147334	145397	161034	162629	169834	141007
	80%	79%	82%	82%	82%	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	102.250139	102.2732648049054	Alternating exposures requested	N	N
Pointing Dec	-4.553705	-4.568577253134102	Primary exposure time	0.000000	3.2
Pointing Roll	296.819868	297.0303941045654			
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	129588989.184000	129587961.52201			
Observation start date	2002-02-08T20:55:25	2002-02-08T20:39:21			
Observation end time	129618189.184000	129618647.97325			
Observation end date	2002-02-09T05:02:05	2002-02-09T05:10:47			
Read mode	TIMED	TIMED			

2.3 Aspect



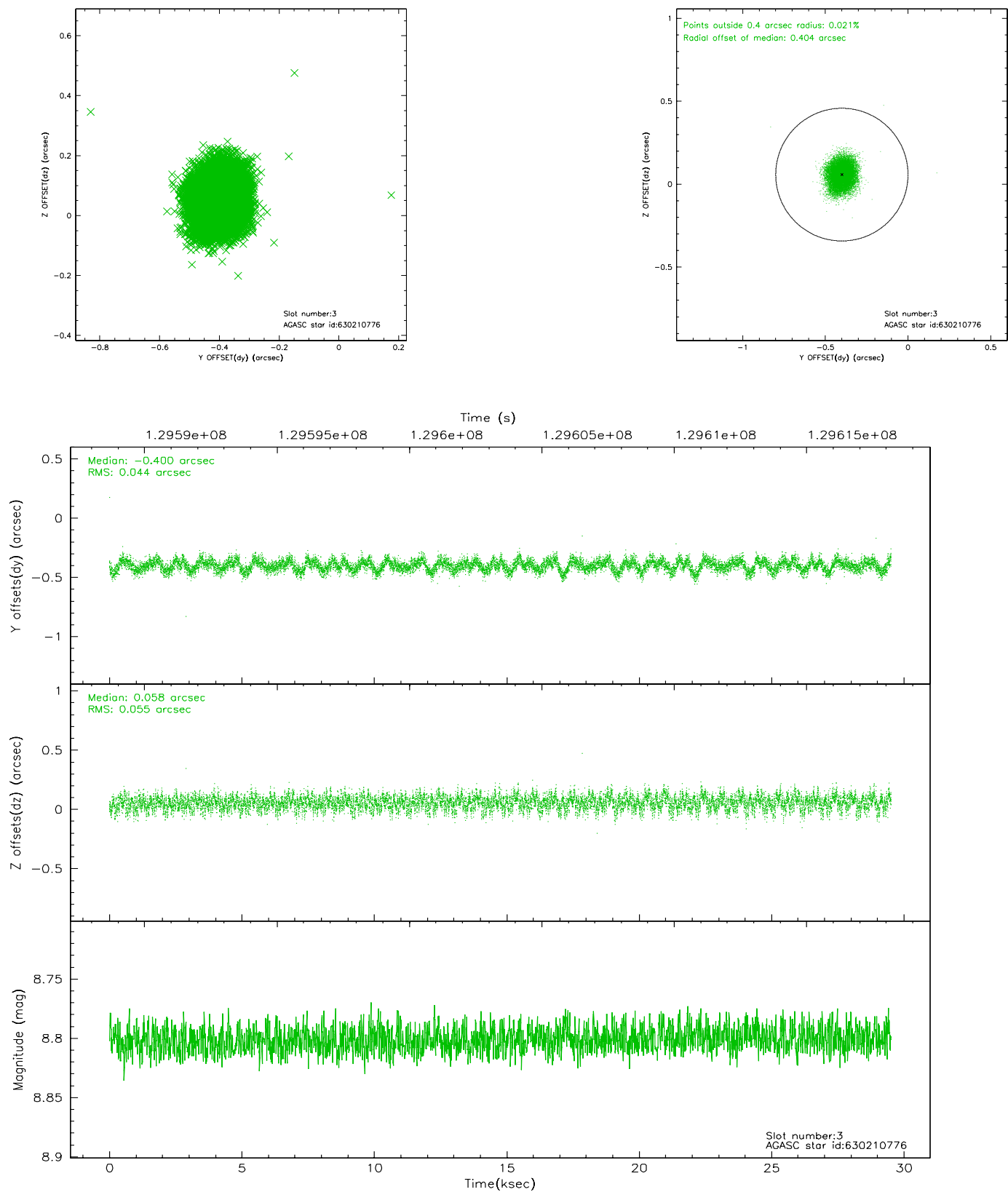


Slot Statistics

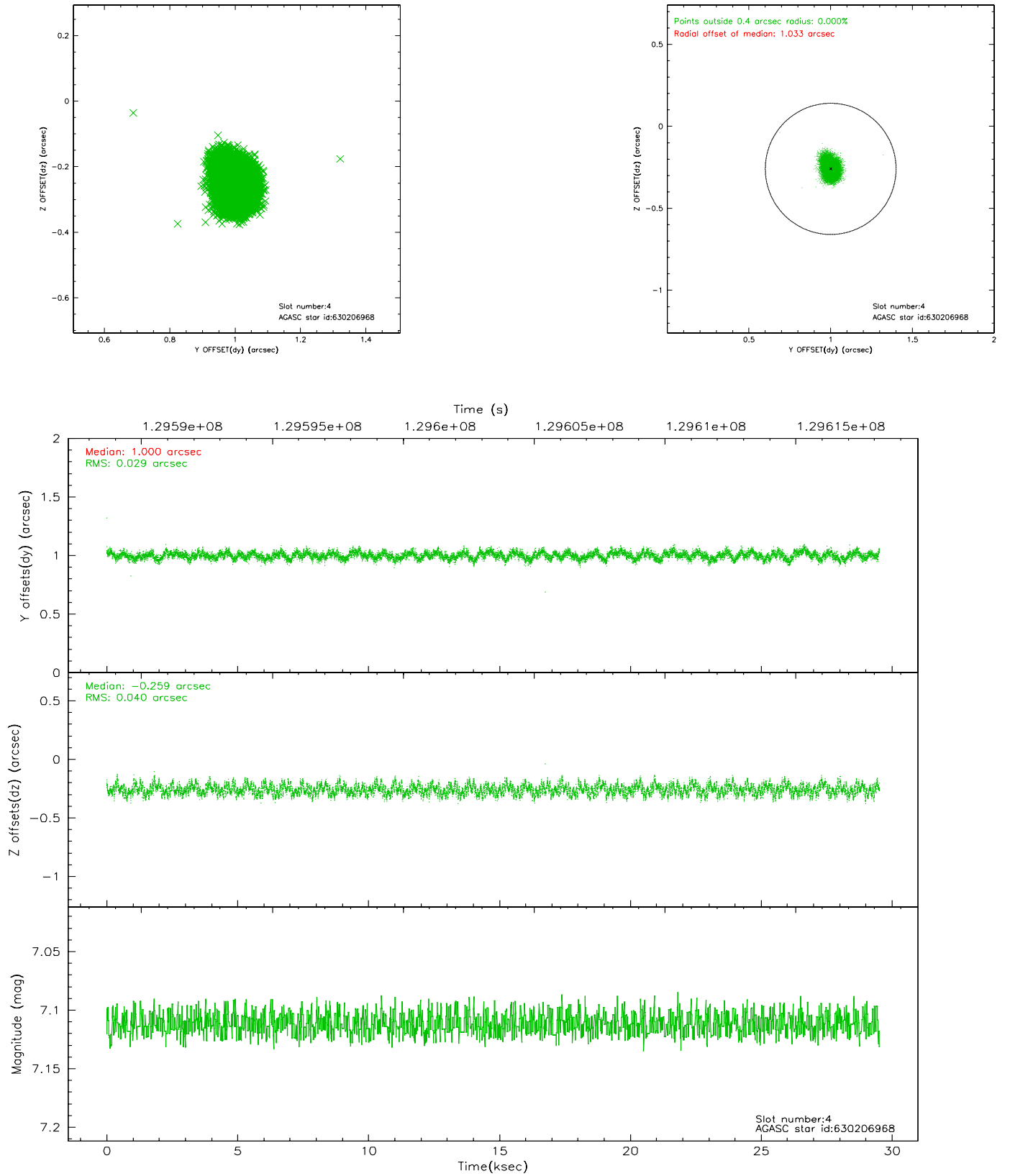
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	7200	-0.030	0.048	0.010	0.021	0.000000	0.000000	937.34	-830.22
1	FID	ACIS-I-5	7.24	7200	-0.007	0.038	0.007	0.012	0.000000	0.000000	-1810.66	1067.28
2	FID	ACIS-I-6	7.26	7200	-0.054	-0.015	0.012	0.021	0.000000	0.000000	402.83	1711.77
3	GUIDE	630210776	8.80	14395	-0.400	0.058	0.076	0.120	101.468117	-4.445990	-1611.26	-2330.34
4	GUIDE	630206968	7.11	14401	1.000	-0.259	0.053	0.085	102.148974	-4.075871	-1697.91	451.60
5	GUIDE	630195104	8.48	14398	-0.332	0.073	0.088	0.135	102.928630	-4.579783	1183.01	2130.50
6	GUIDE	630203984	8.79	14395	-0.175	-0.017	0.058	0.097	102.121818	-4.884598	855.62	-947.73
7	GUIDE	630202512	9.48	14385	-0.090	0.148	0.113	0.182	102.831325	-4.907538	2078.21	1285.82

2.4 Star Slots

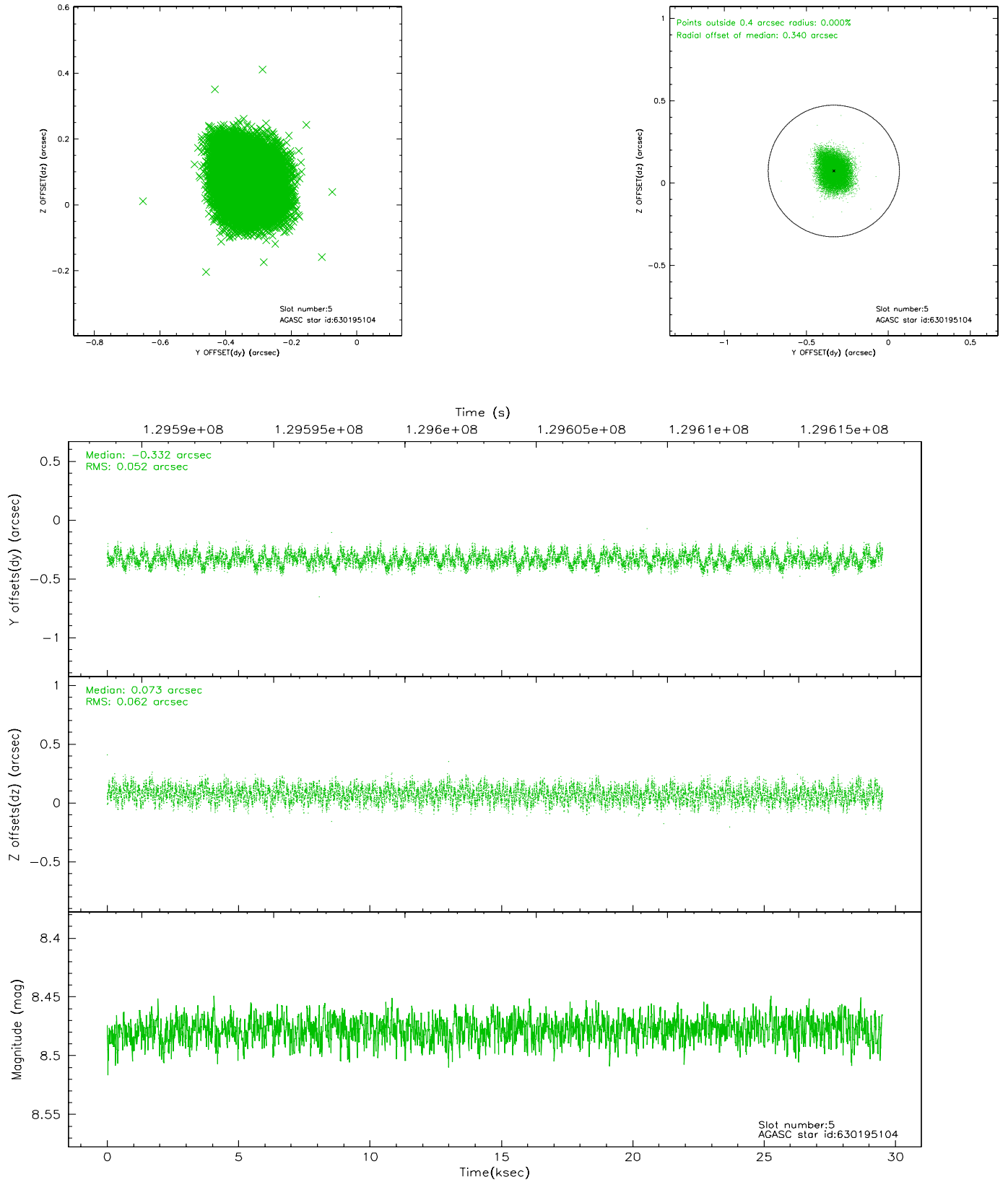
2.4.1 Slot 3



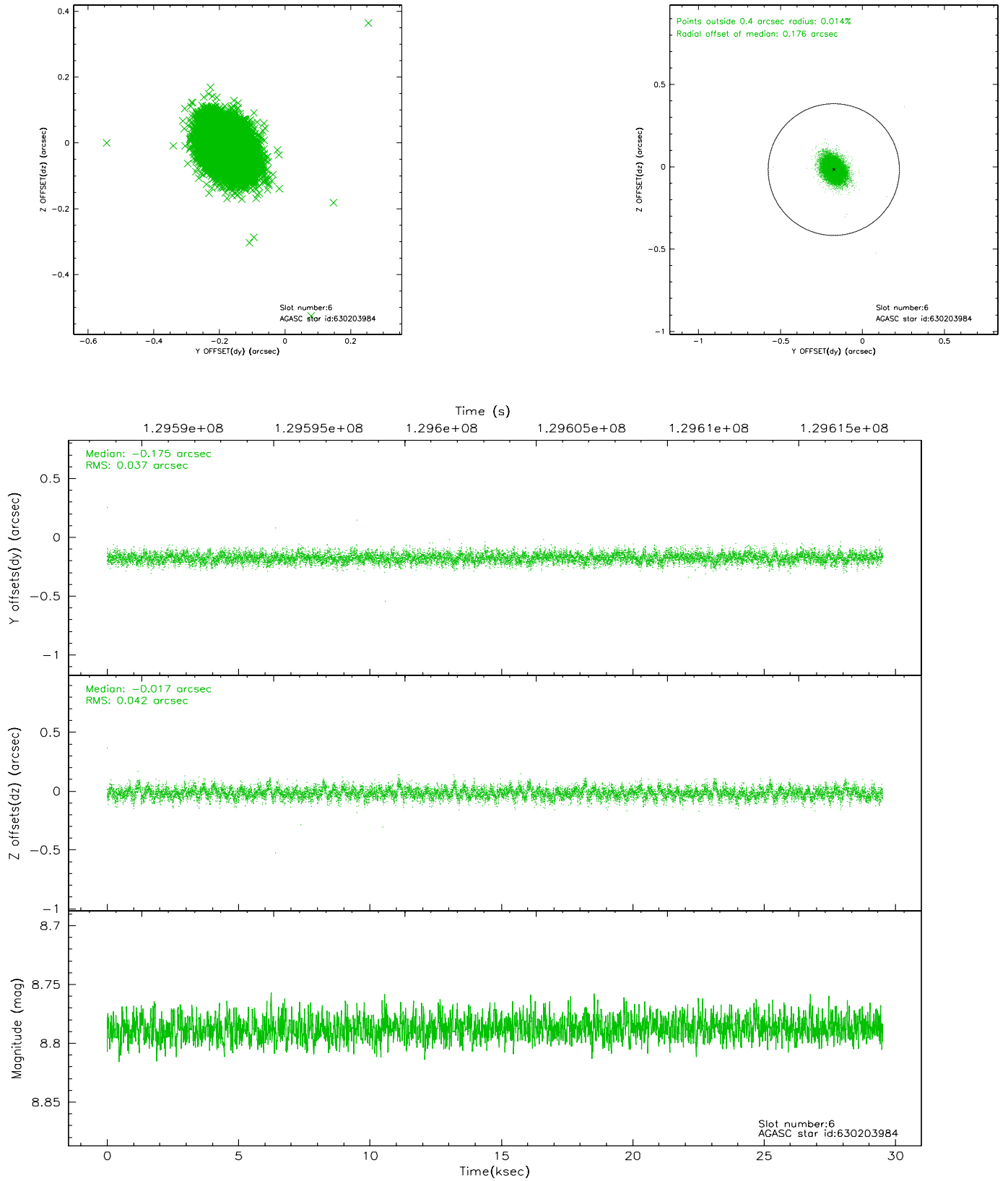
2.4.2 Slot 4



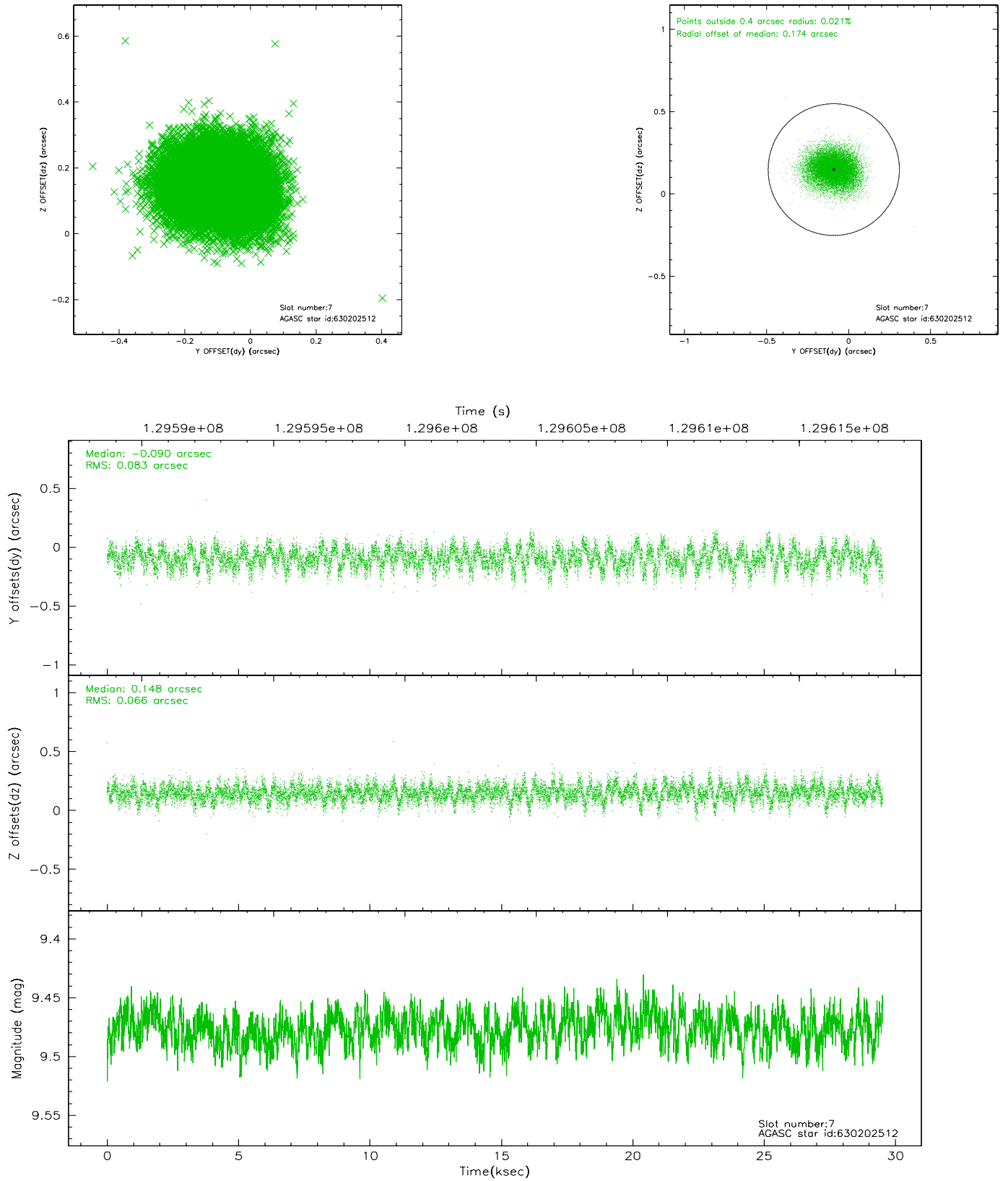
2.4.3 Slot 5



2.4.4 Slot 6

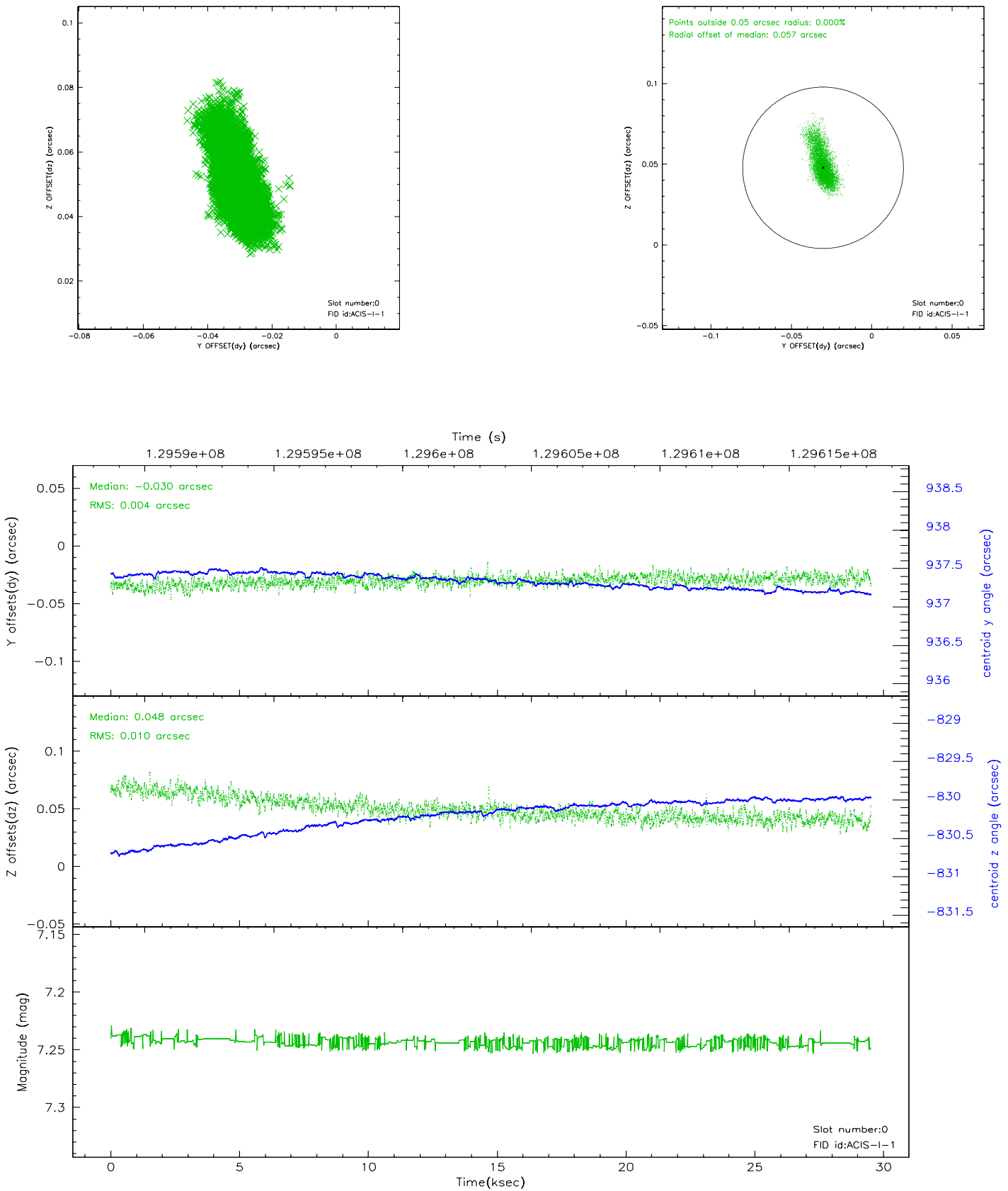


2.4.5 Slot 7

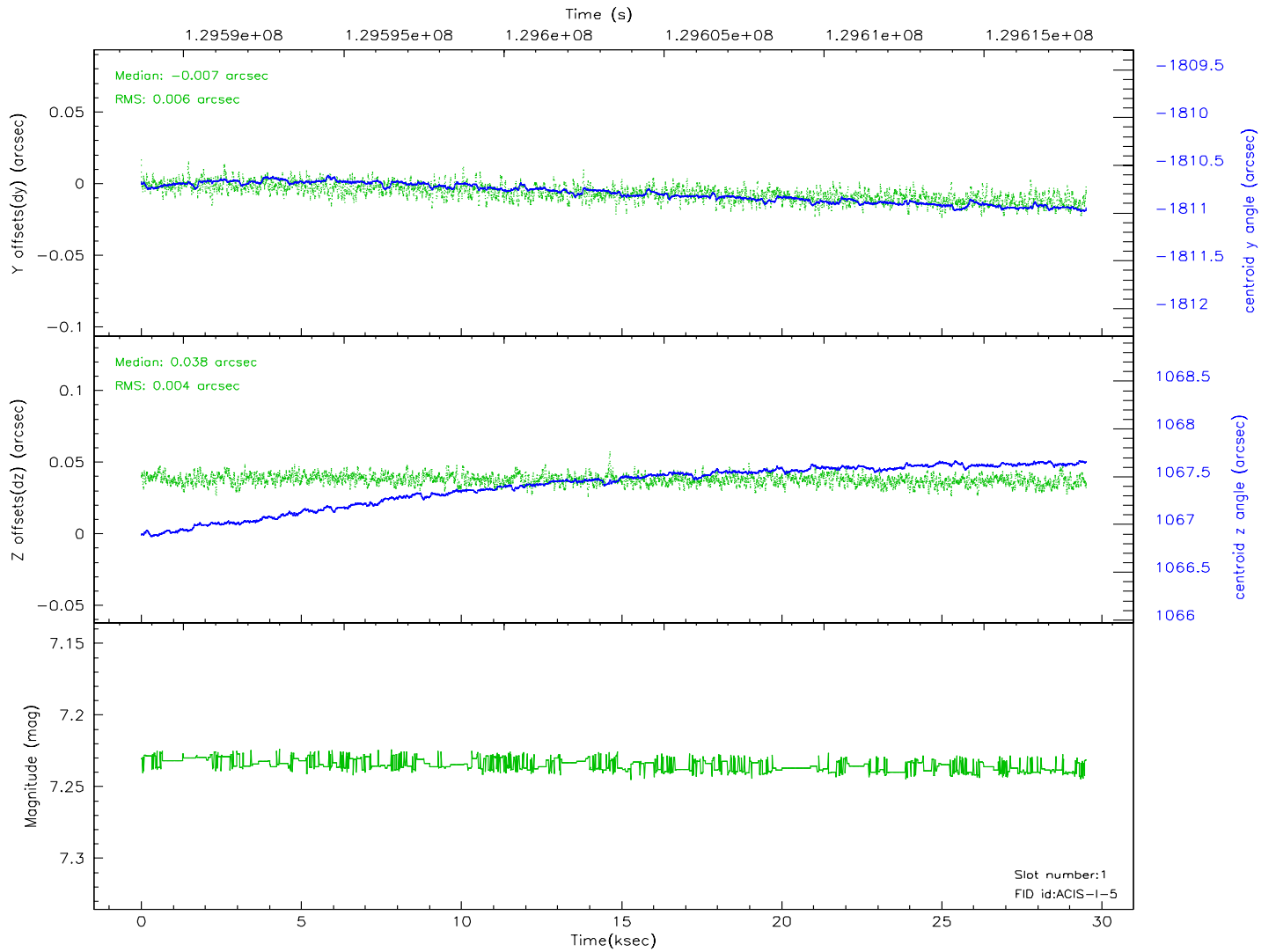
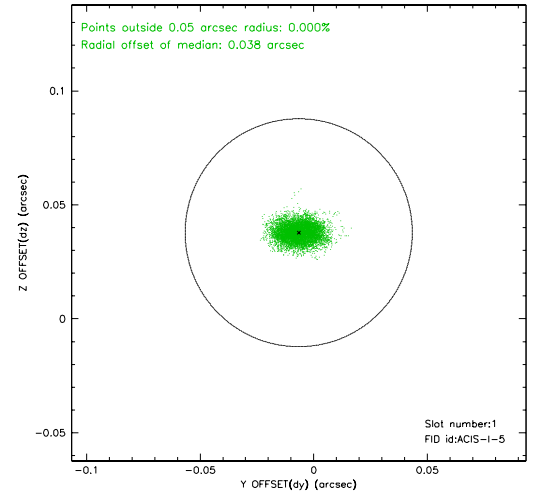
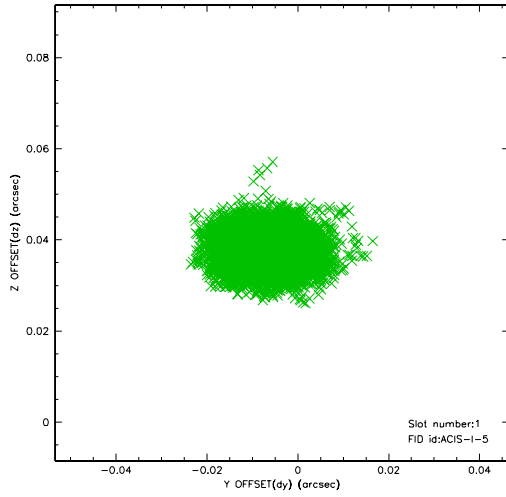


2.5 FID Slots

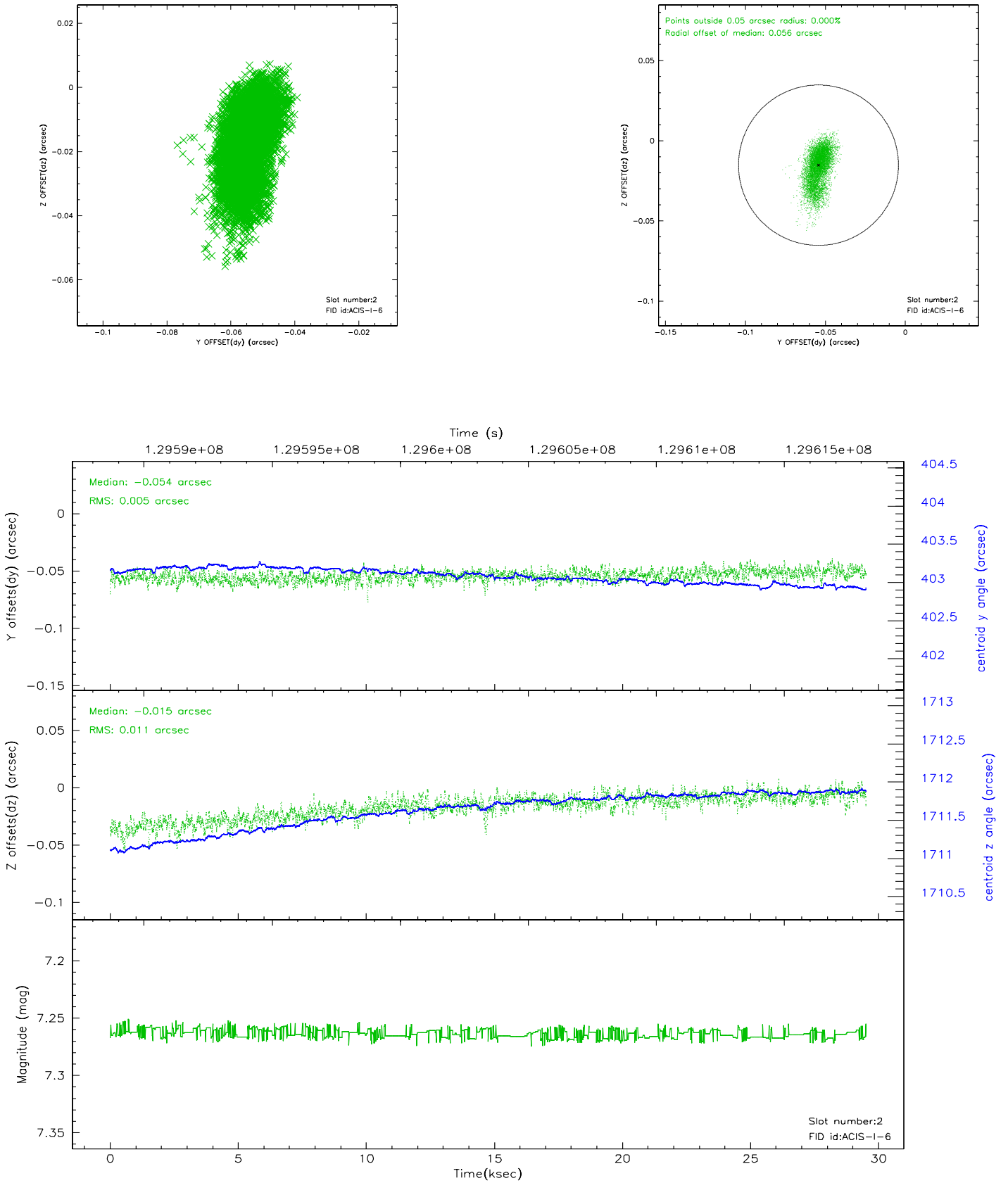
2.5.1 Slot 0



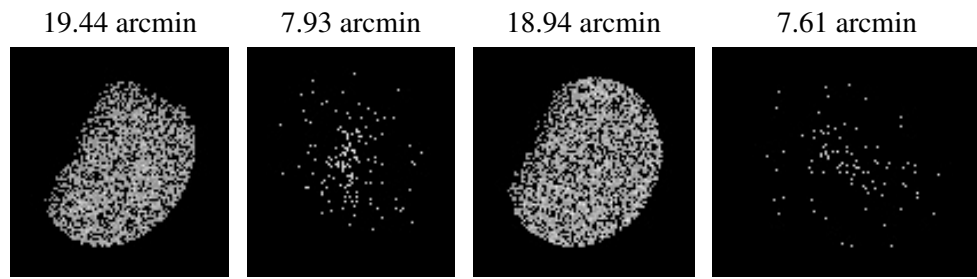
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.161

A.2 Comments