

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1982 - L2 Version 001
Chandra X-Ray Center

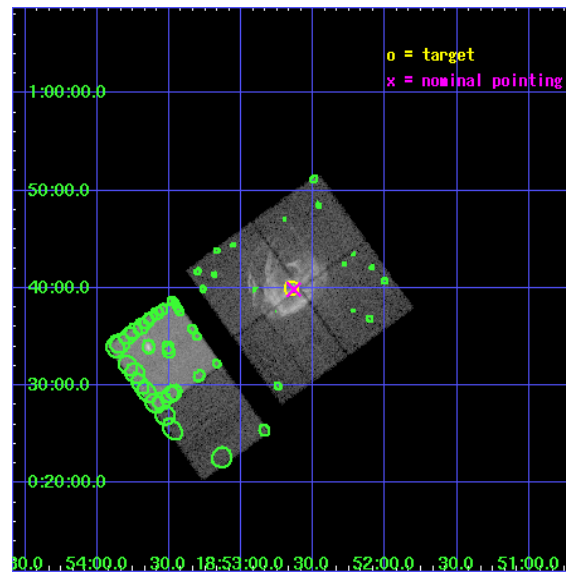
L2 Processing Date : Dec 15 2006

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1 Front

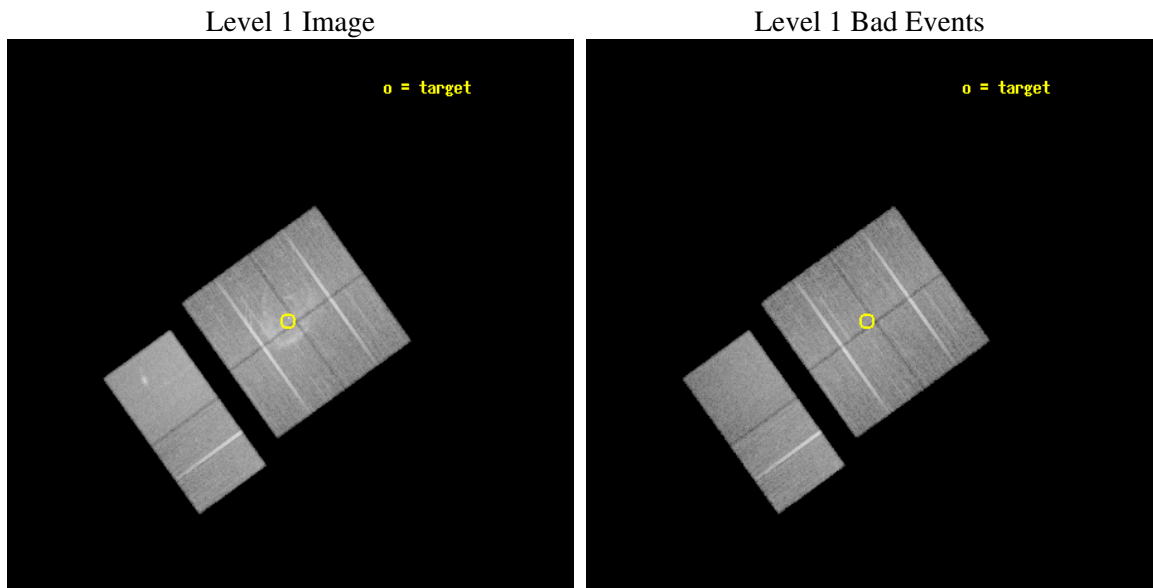
seq_num	500159
obs_id	1982
title	THE THERMAL COMPOSITE SNR KES 79
observer	Frederick Seward
object	KES 79
dtcycle	0
cycle	P
ra_targ	283.1625
dec_targ	0.666667
ra_nom	283.15845860371
dec_nom	0.66422664572731
roll_nom	234.29112735878
revision	2
ontime	29948.800027892
livetime	29569.570288936
ontime0	29948.800027892
ontime1	29948.800027892
ontime2	29948.800027892
ontime3	29948.800027892
ontime6	29948.800027892
ontime7	29948.800027892
l2events	260314



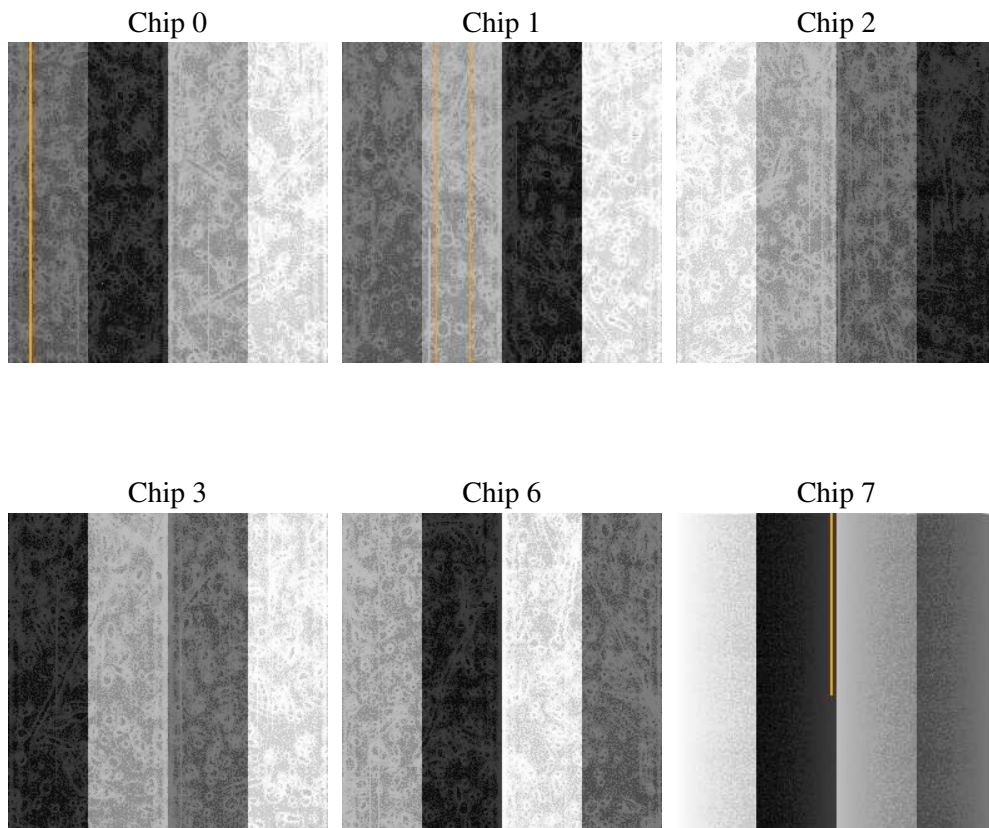
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.4
date	2006-12-16T00:56:09
revision	2

sched_exp_time	30000.000000
ontime	29953.362588108
ontime0	29953.362588108
ontime1	29953.362588108
ontime2	29953.362588108
ontime3	29953.362588108
ontime6	29953.362588108
ontime7	29953.36260803
l1events	1315513

2.1.4 Events

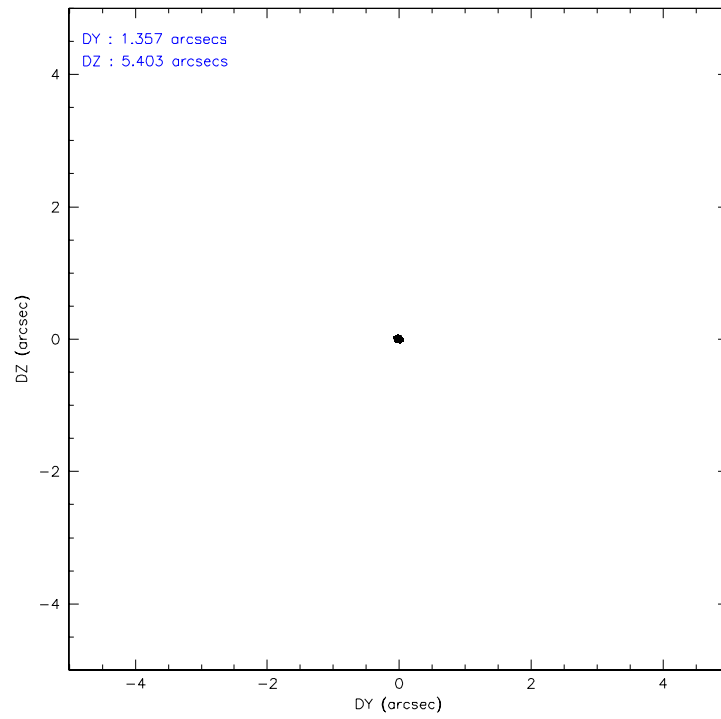
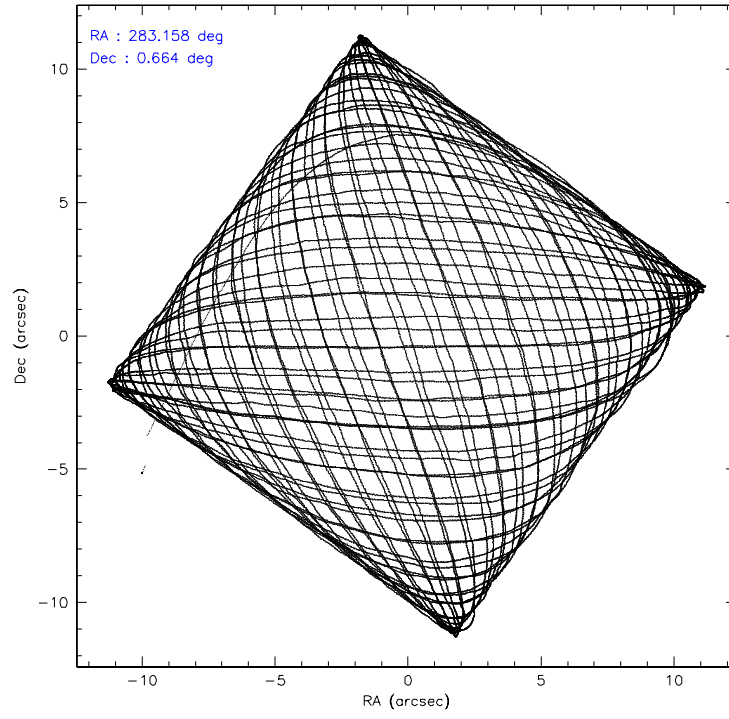
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	190765	205243	217955	226490	215009	260051
rejected events	159489	167480	179225	177900	190747	157959
rejected %	83%	81%	82%	78%	88%	60%

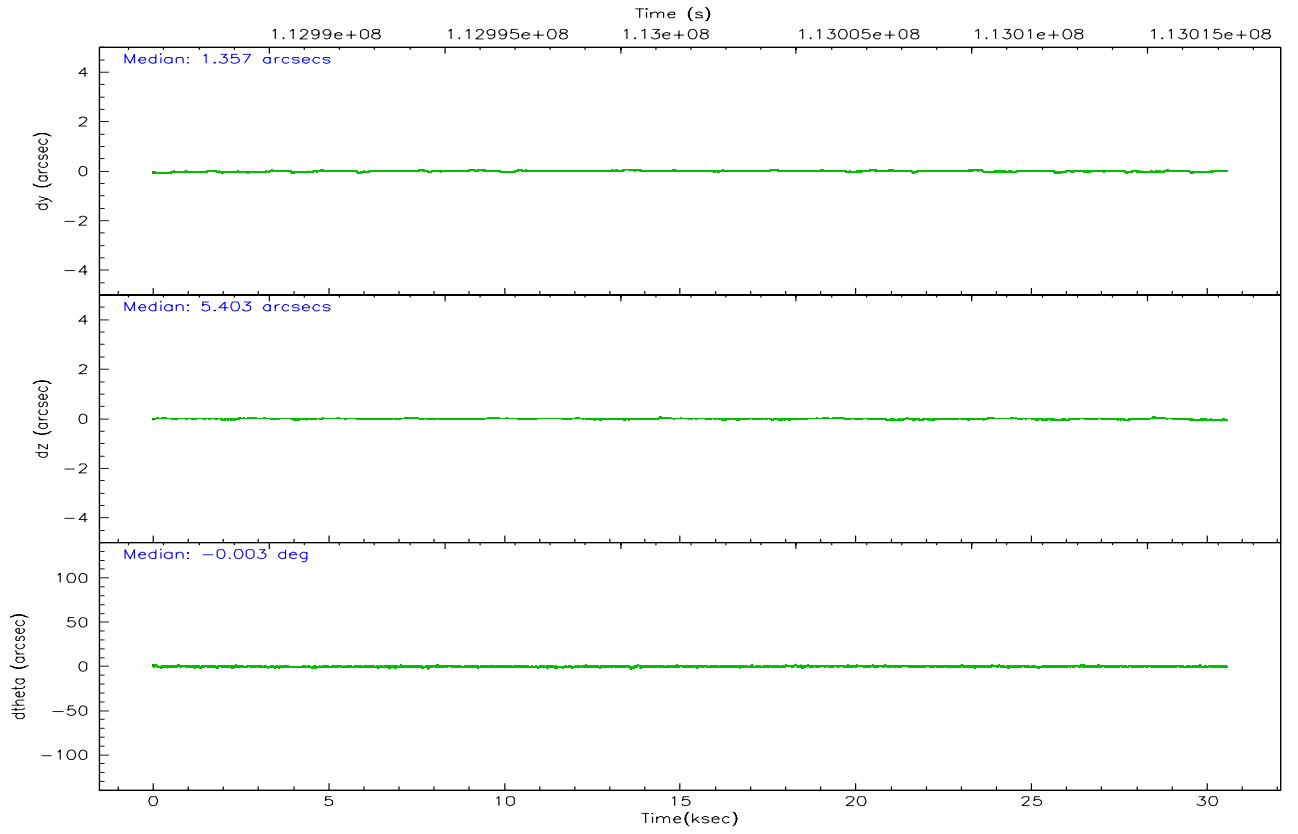
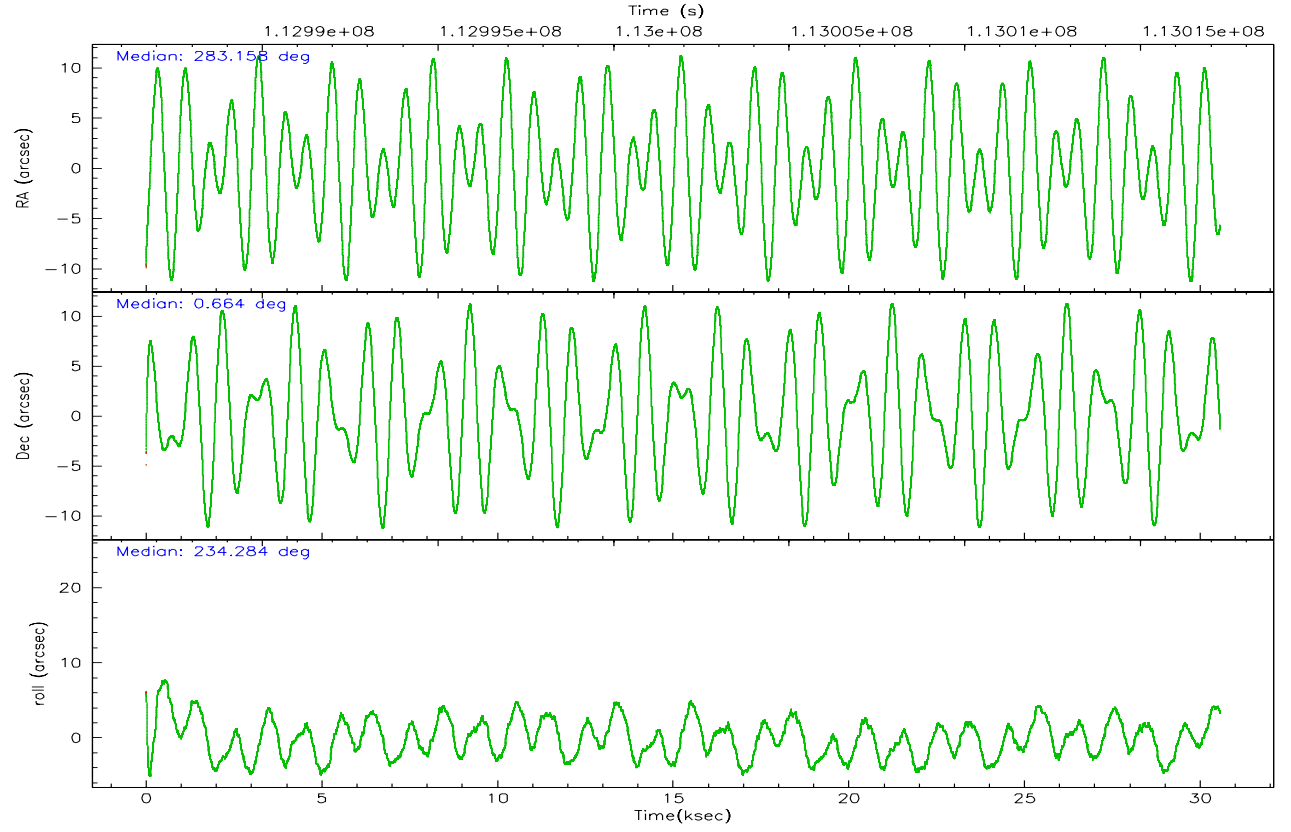
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	16505	21074	23326	31764	10153	7106
	8%	10%	10%	14%	4%	2%
grade 1 events	134	140	157	203	84	145
	0%	0%	0%	0%	0%	0%
grade 2 events	5631	6283	6257	6852	4912	25120
	2%	3%	2%	3%	2%	9%
grade 3 events	2600	2838	2572	2783	2324	5583
	1%	1%	1%	1%	1%	2%
grade 4 events	2352	2886	2538	2837	2333	5662
	1%	1%	1%	1%	1%	2%
grade 5 events	7354	7642	6817	7846	8697	17338
	3%	3%	3%	3%	4%	6%
grade 6 events	4192	4685	4041	4357	4543	58642
	2%	2%	1%	1%	2%	22%
grade 7 events	151997	159695	172247	169848	181963	140455
	79%	77%	79%	74%	84%	54%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	283.161158	283.1584586037103	Subarray requested	NONE	NONE
Pointing Dec	0.691511	0.66422664572731	Alternating exposures requested	N	N
Pointing Roll	234.082404	234.2911273587774	Primary exposure time	0.000000	3.2
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	112987264.184000	112986115.29808			
Observation start date	2001-07-31T17:20:00	2001-07-31T17:01:55			
Observation end time	113017264.184000	113018227.01184			
Observation end date	2001-08-01T01:40:00	2001-08-01T01:57:07			
Read mode	TIMED	TIMED			

2.3 Aspect



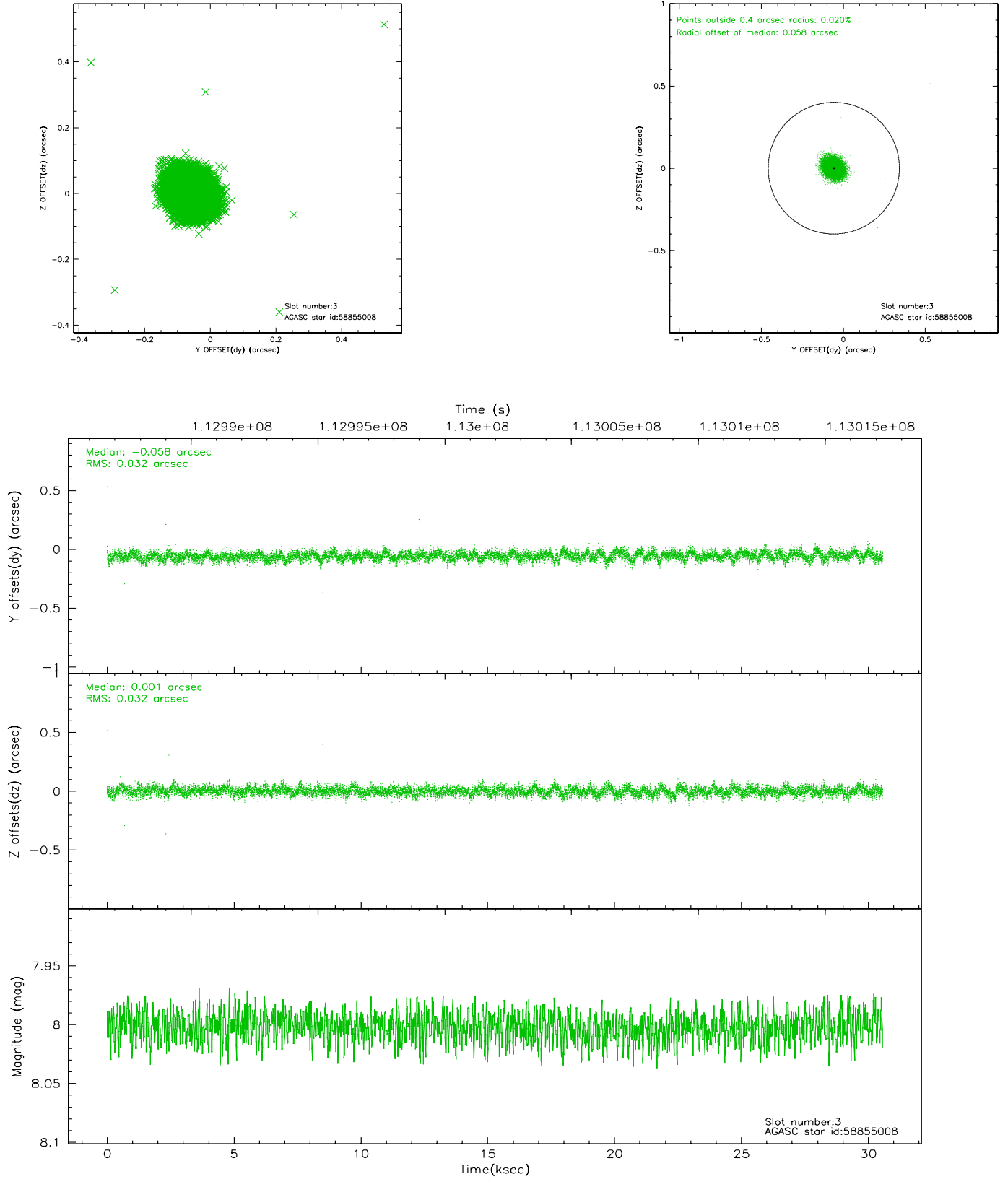


Slot Statistics

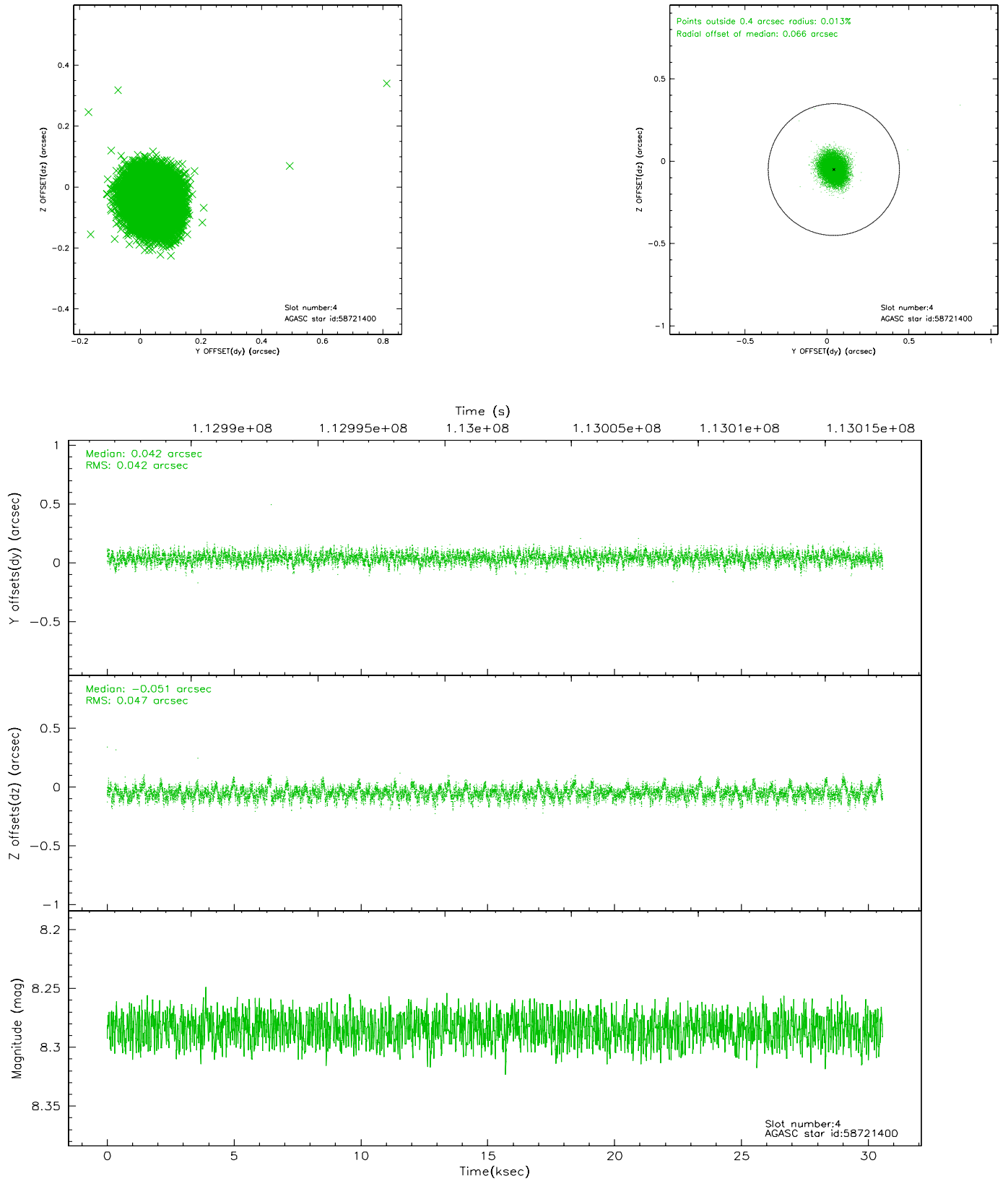
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	7456	-0.015	-0.028	0.009	0.015	0.000000	0.000000	-755.69	-835.15
1	FID	ACIS-I-4	7.19	7457	-0.070	0.026	0.005	0.009	0.000000	0.000000	2158.26	1071.07
2	FID	ACIS-I-5	7.23	7457	-0.016	0.071	0.009	0.015	0.000000	0.000000	-1809.45	1069.00
3	GUIDE	58855008	8.00	14911	-0.058	0.001	0.047	0.077	283.247859	0.051069	1684.25	1606.30
4	GUIDE	58721400	8.28	14910	0.042	-0.051	0.067	0.109	282.817104	0.833240	313.86	-1301.44
5	GUIDE	58720272	9.14	14903	0.138	0.054	0.073	0.118	282.926317	0.546362	919.64	-377.29
6	GUIDE	58720424	9.00	14903	-0.115	-0.003	0.098	0.146	282.873634	1.408205	-1482.06	-2351.09
7	GUIDE	58857104	9.20	14907	-0.010	-0.005	0.090	0.142	283.814800	0.638238	-1225.20	2018.43

2.4 Star Slots

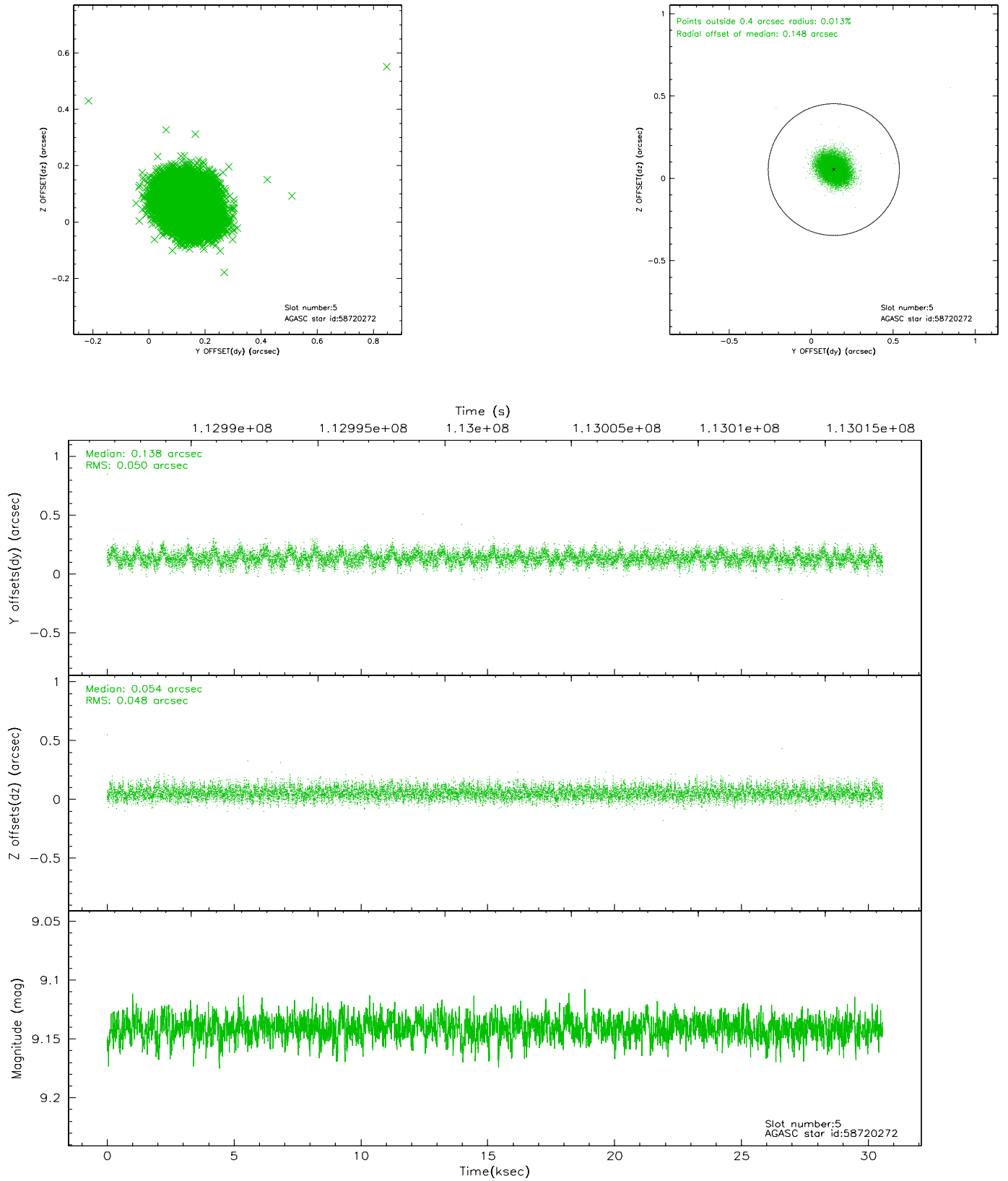
2.4.1 Slot 3



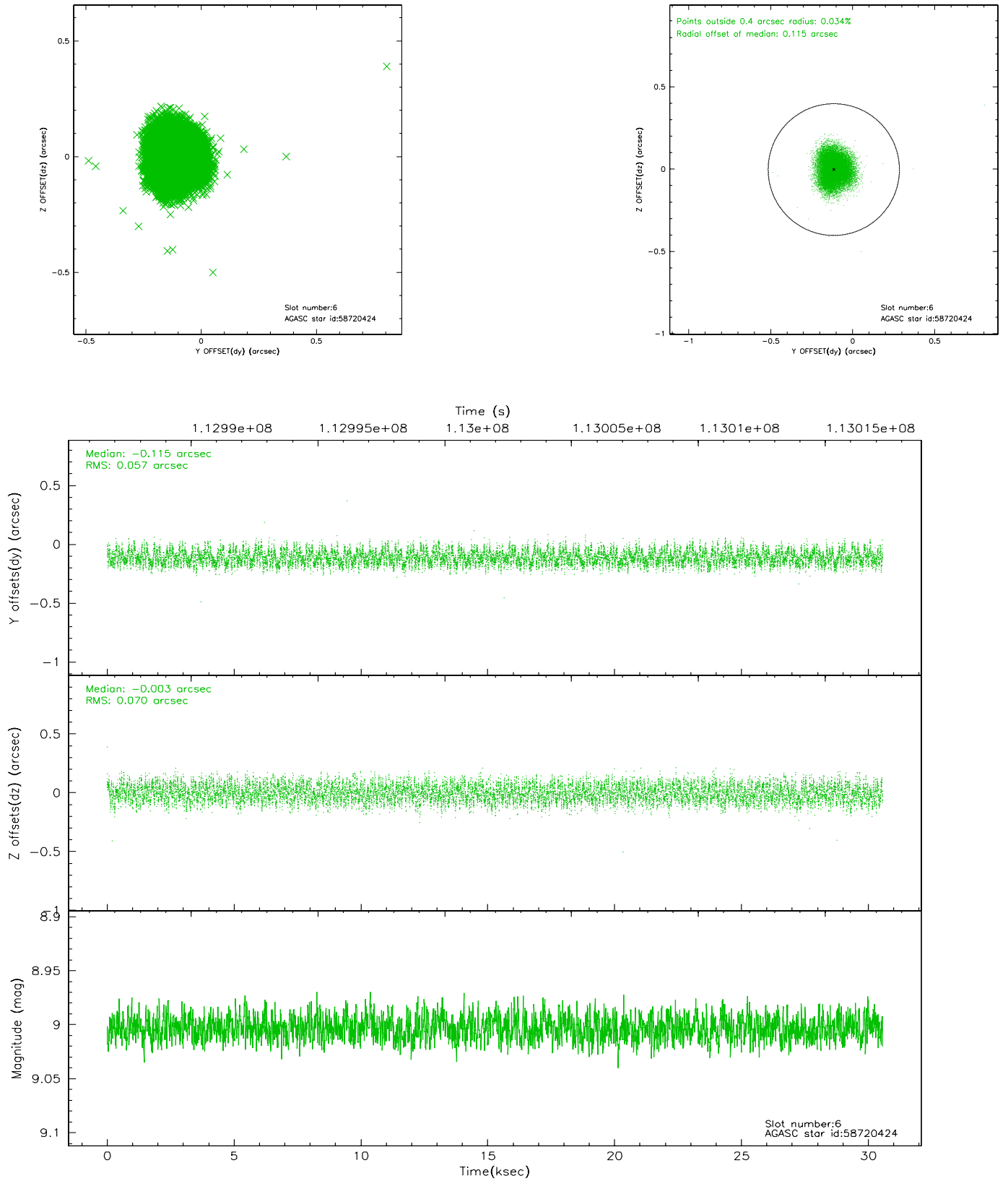
2.4.2 Slot 4



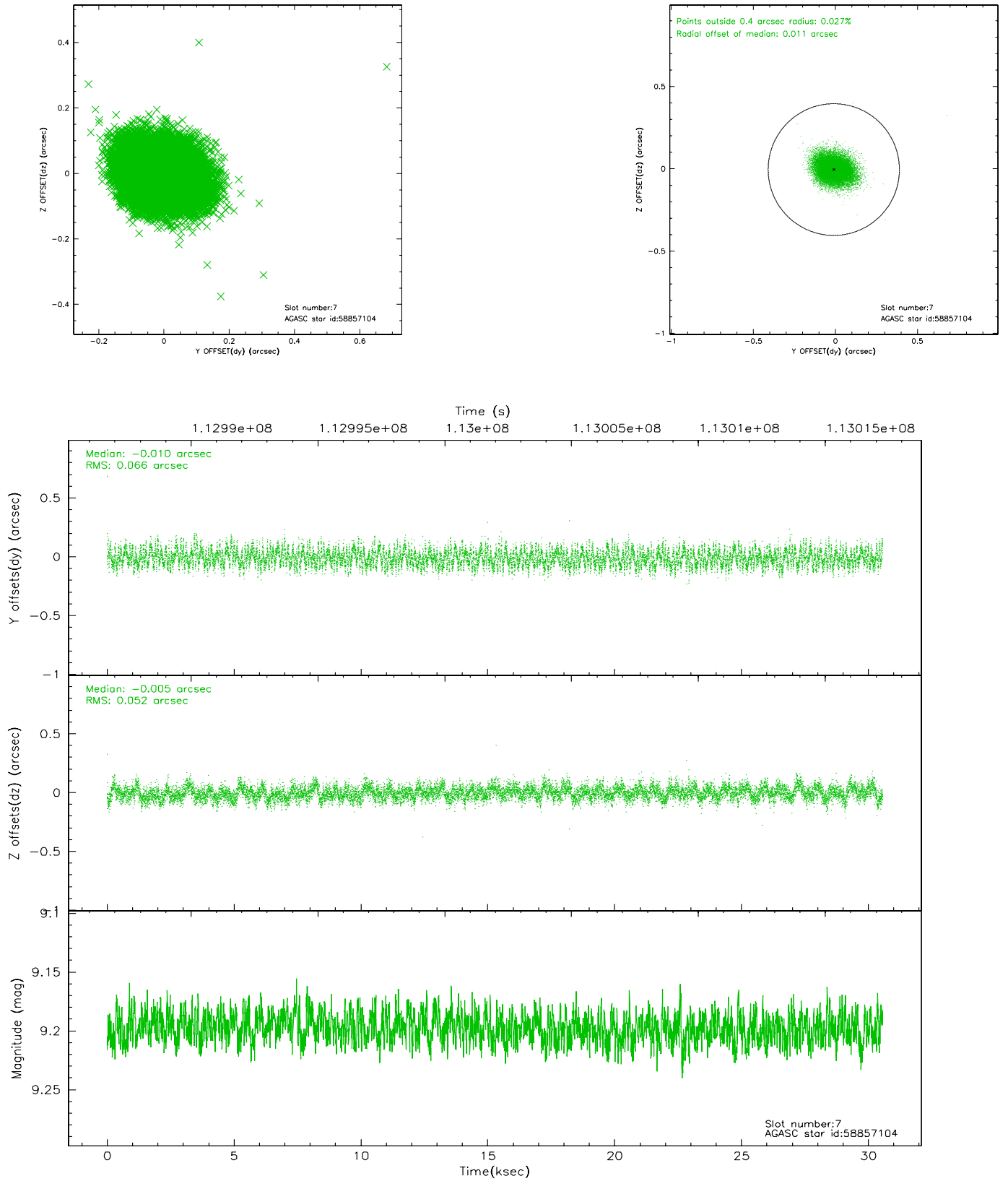
2.4.3 Slot 5



2.4.4 Slot 6

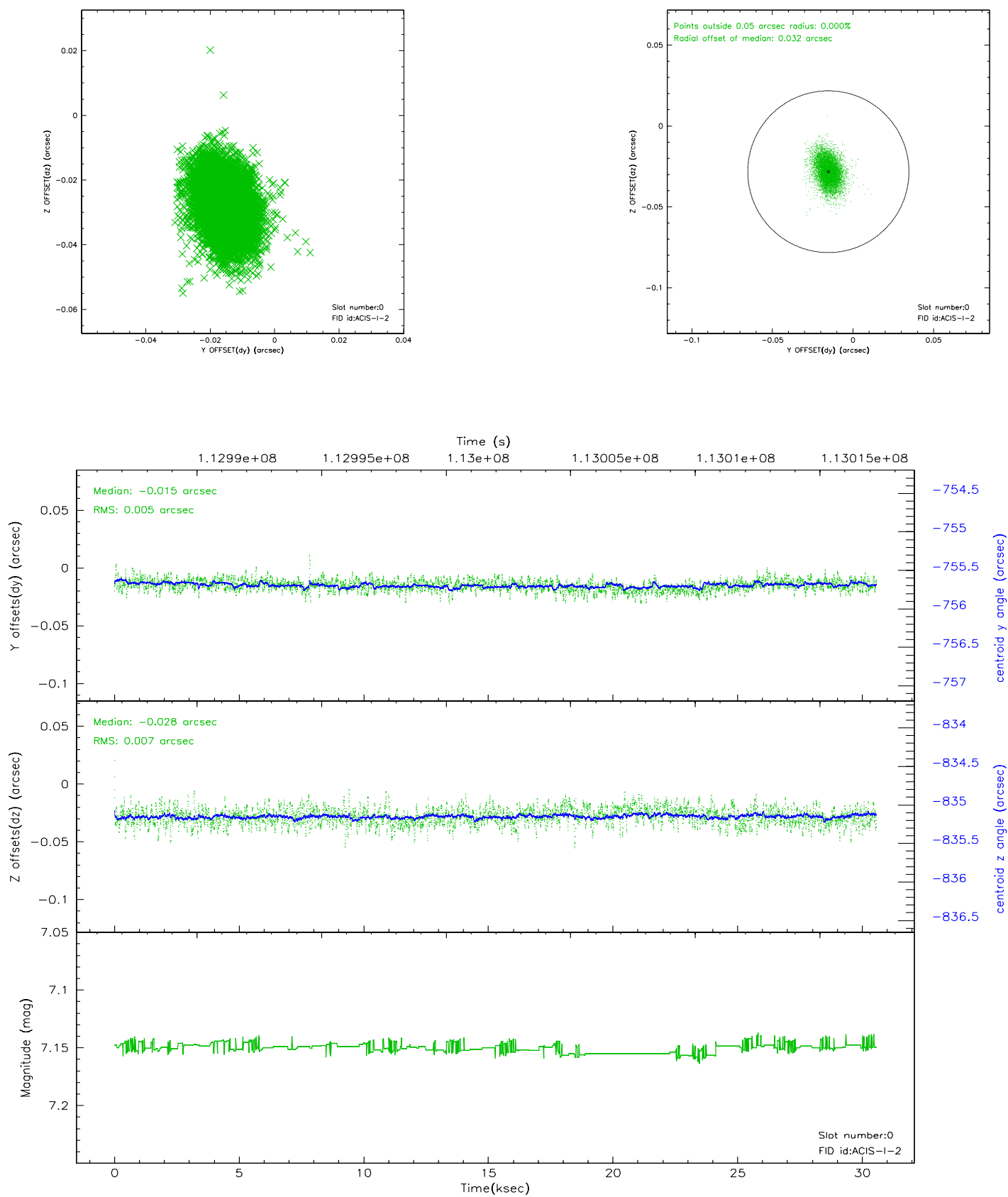


2.4.5 Slot 7

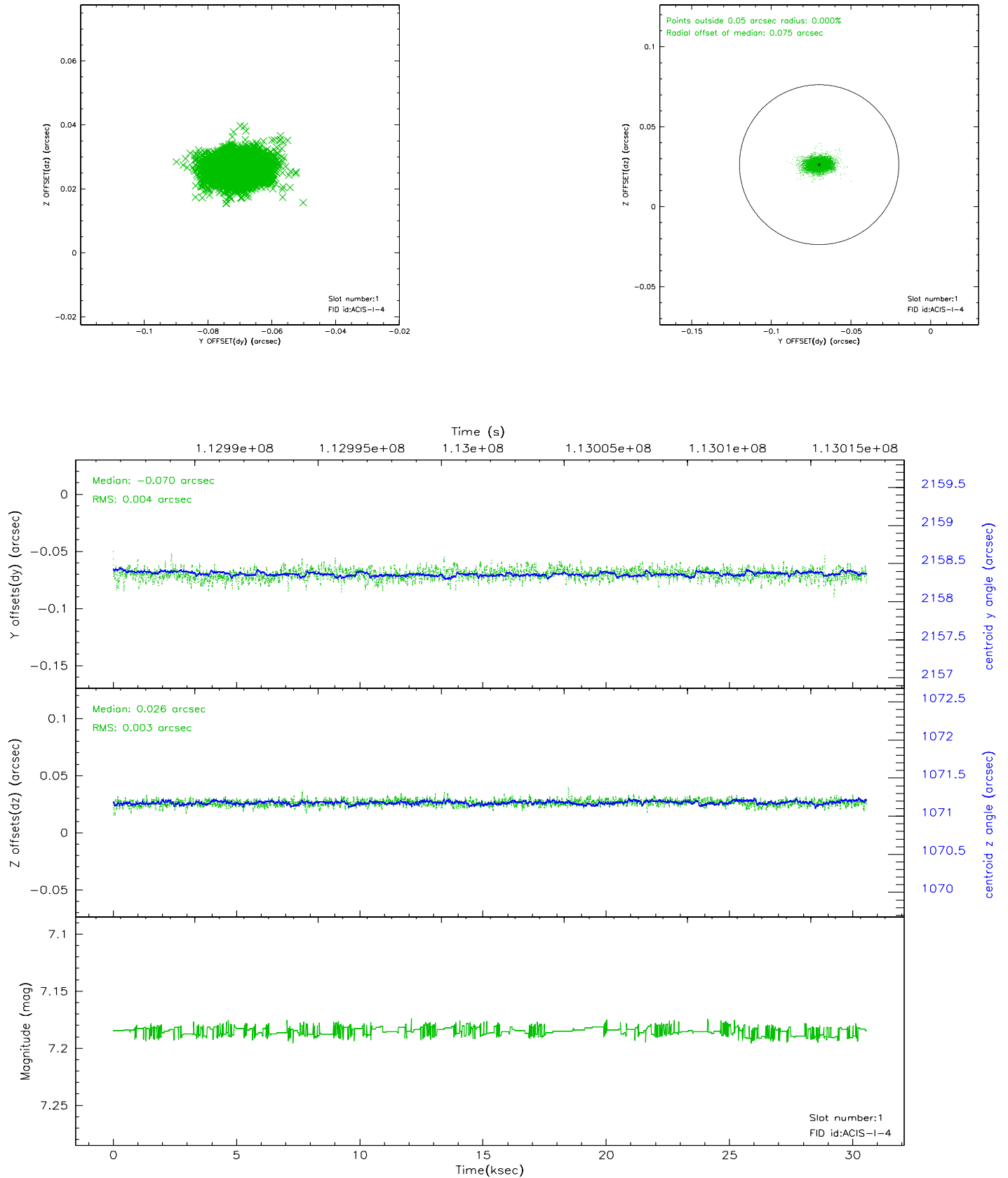


2.5 FID Slots

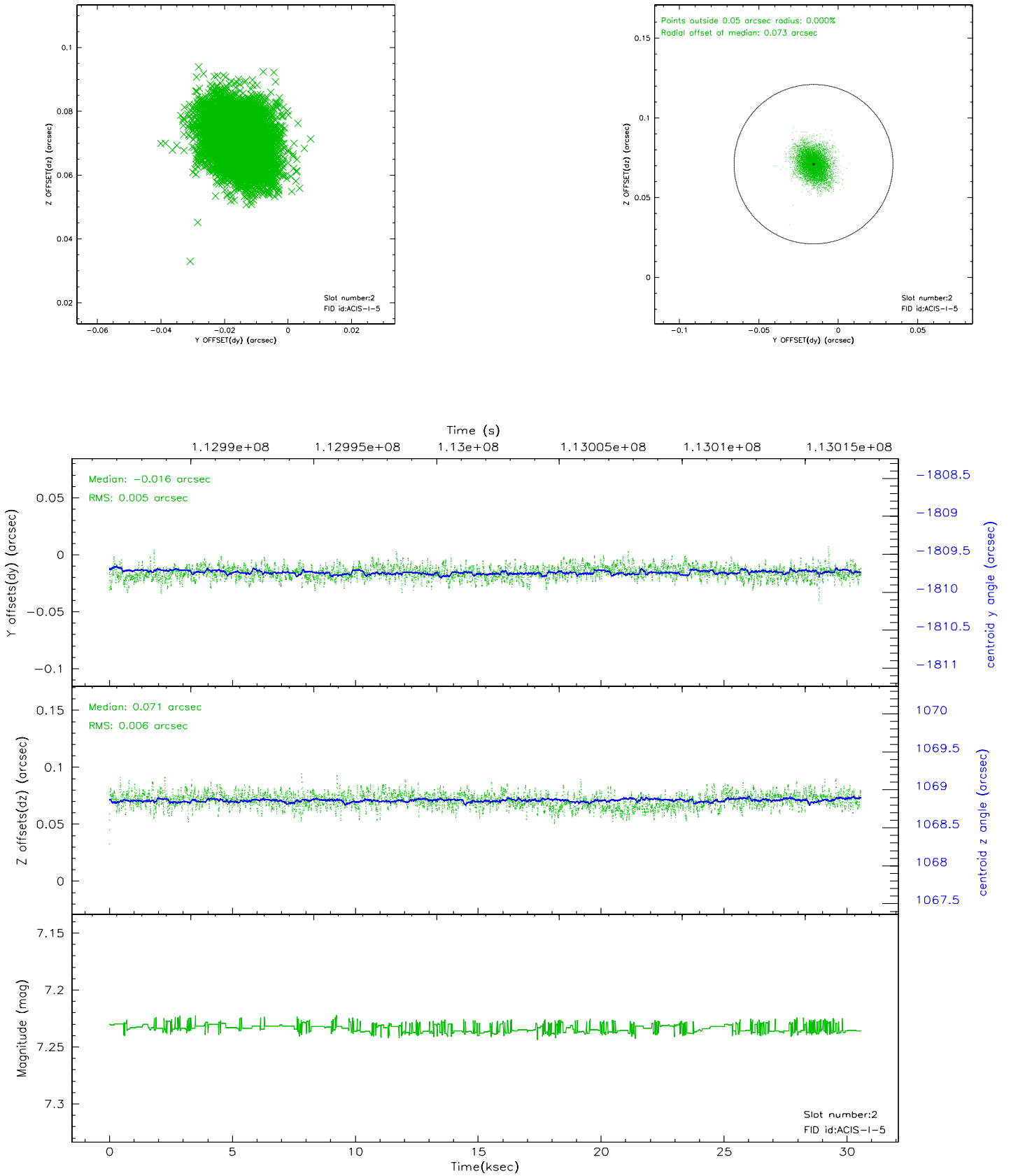
2.5.1 Slot 0



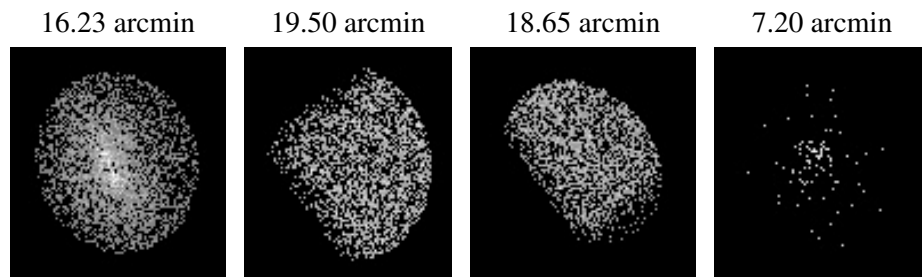
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.12.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.948

A.2 Comments