

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3288 - L2 Version 001
Chandra X-Ray Center

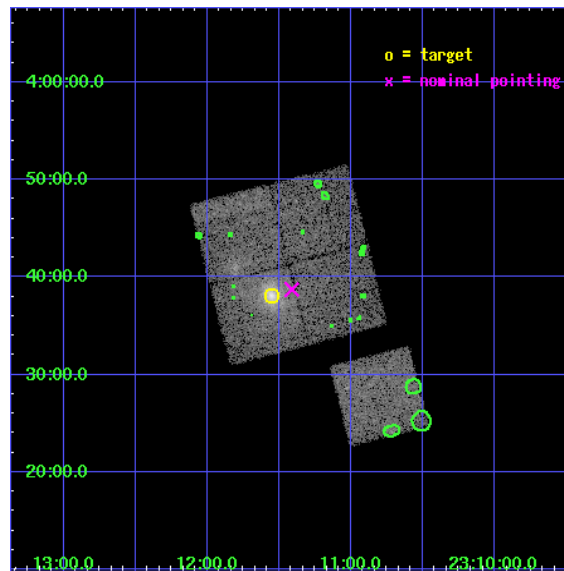
L2 Processing Date : Oct 2 2006

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1 Front

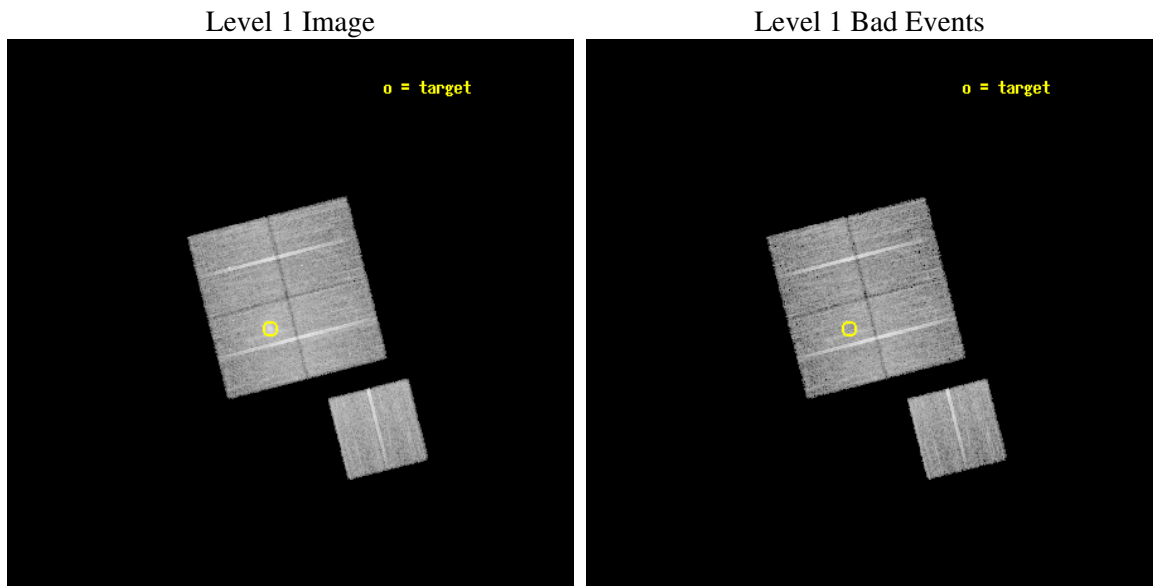
seq_num	800288
obs_id	3288
title	MACS: THE X-RAY PROPERTIES OF THE MOST MASSIVE GALAXY CLUSTERS AT $Z>0.3$
observer	Dr Harald Ebeling
object	MACSJ2311.5+0338
dtcycle	0
cycle	P
ra_targ	347.88875
dec_targ	3.634444
ra_nom	347.85271492785
dec_nom	3.6455979026493
roll_nom	165.71093269056
revision	2
ontime	13770.199973524
livetime	13590.282173396
ontime0	13770.199973524
ontime1	13770.199973524
ontime2	13767.05899328
ontime3	13770.199973524
ontime6	13770.199973524
l2events	56946



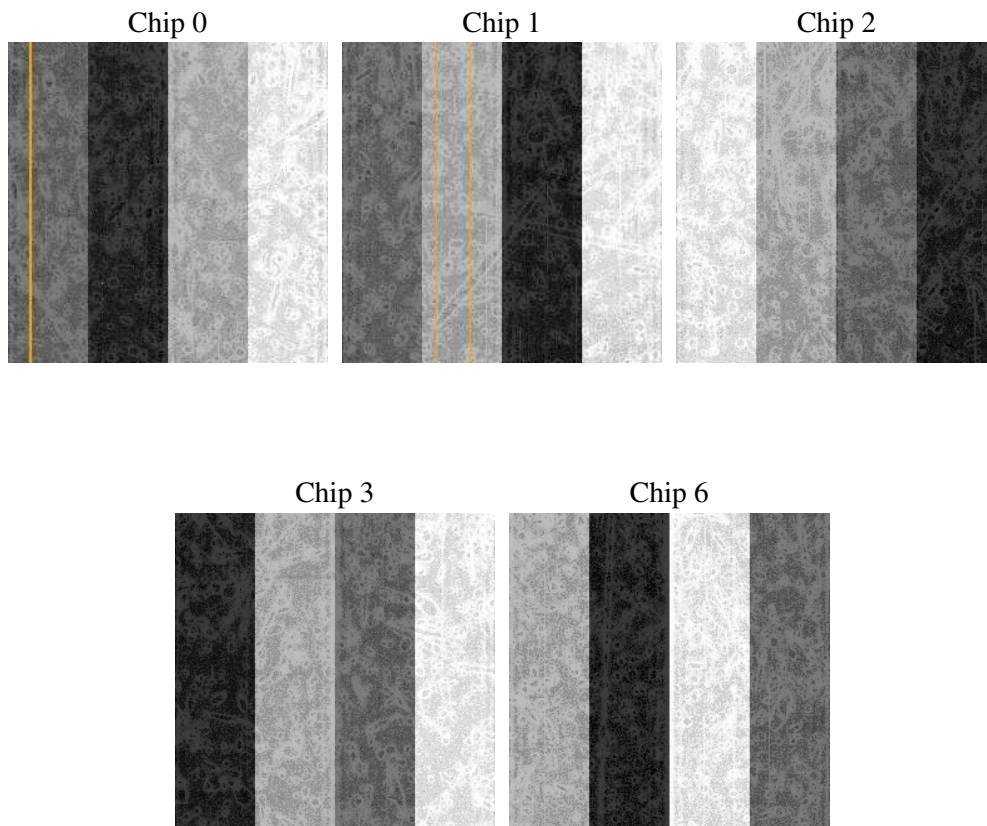
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-10-02T22:20:08
revision	2

sched_exp_time	14000.000000
ontime	13776.45831874
ontime0	13776.458298832
ontime1	13776.45831874
ontime2	13773.317338496
ontime3	13776.45831874
ontime6	13776.458338648
l1events	437239

2.1.4 Events

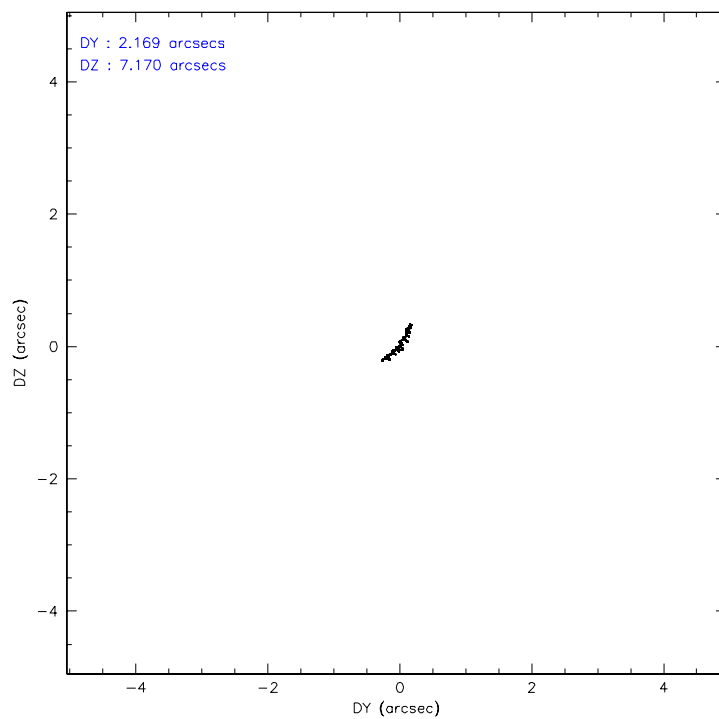
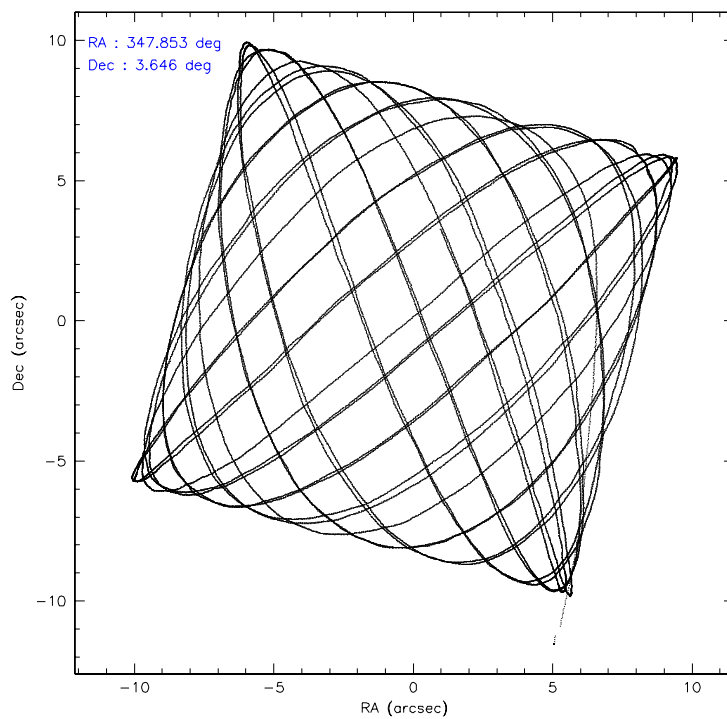
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	75748	83523	91935	93602	92431
rejected events	64398	70122	79138	76455	77826
rejected %	85%	83%	86%	81%	84%

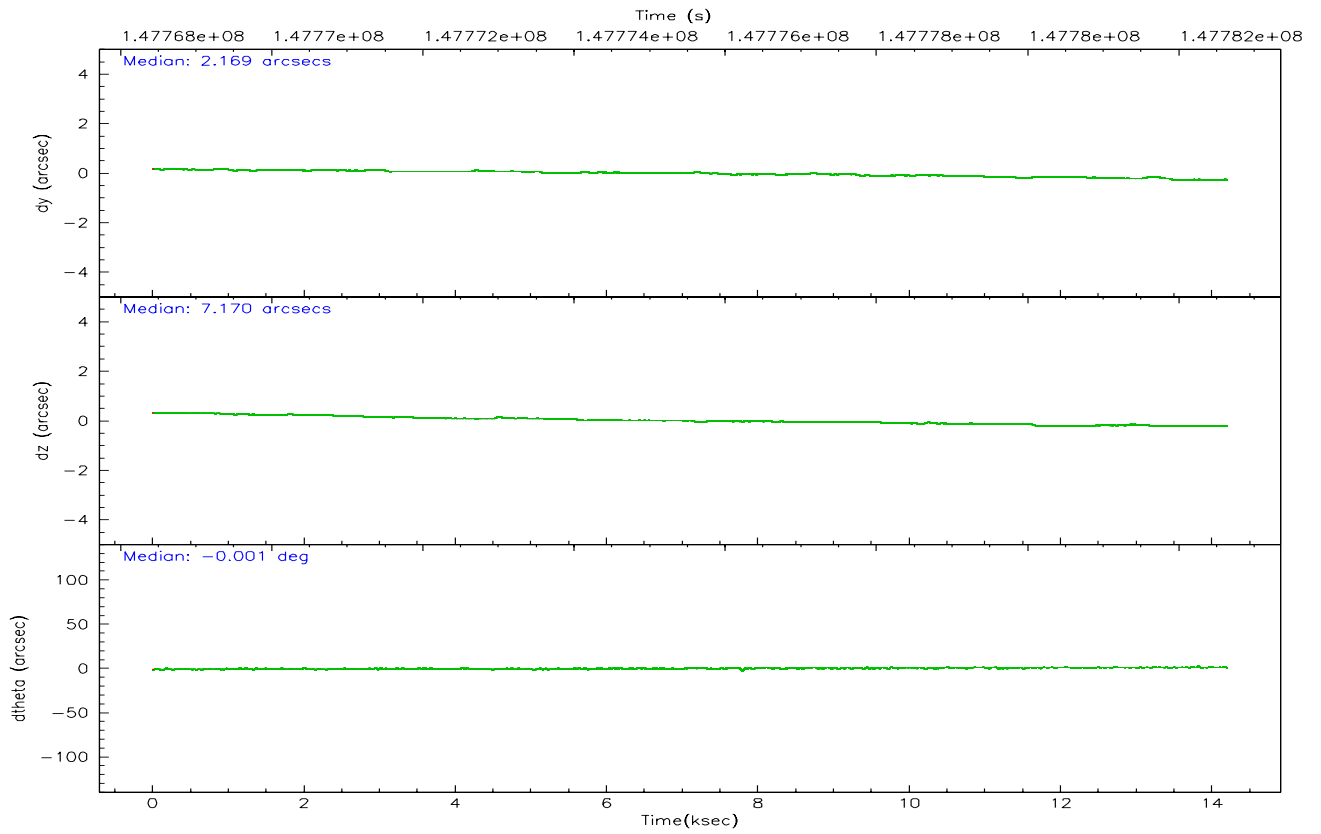
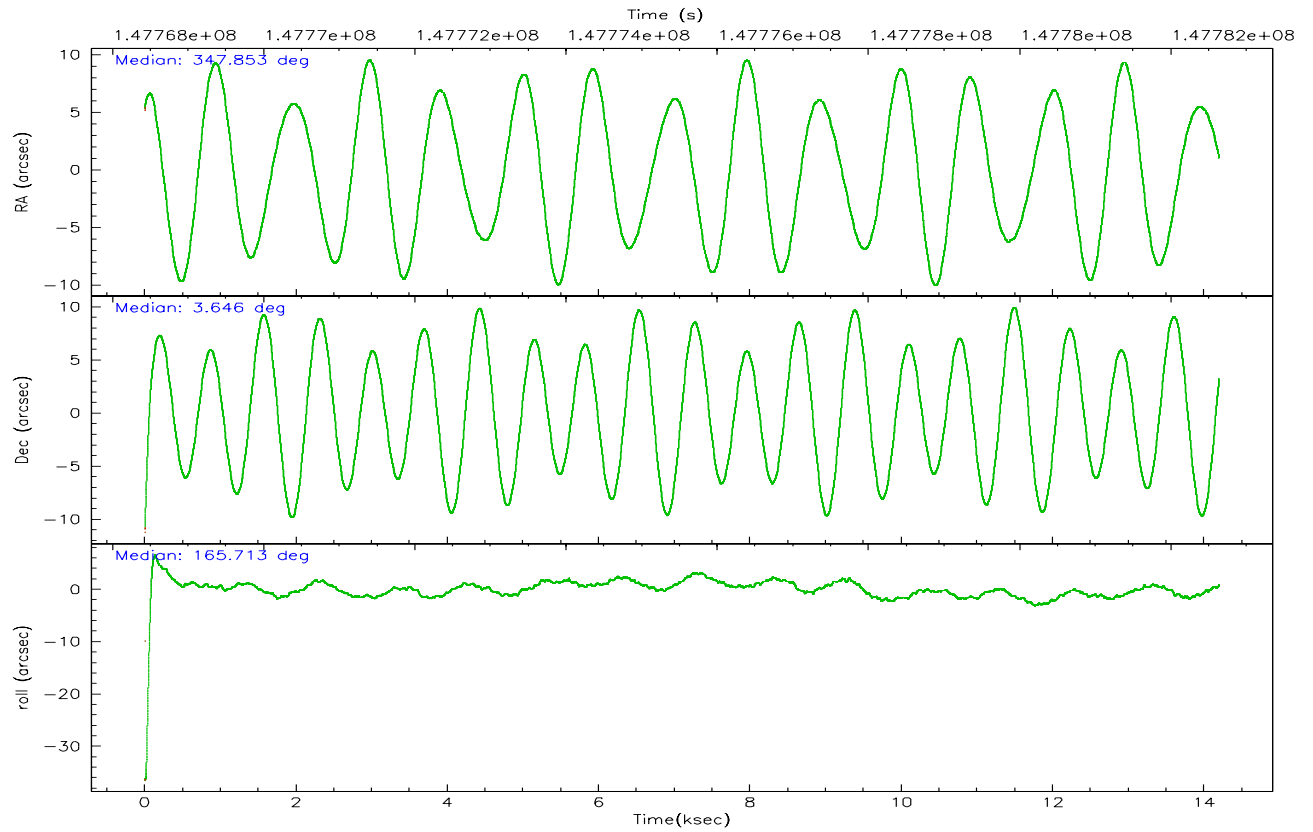
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	5580	7030	6484	10693	8192
	7%	8%	7%	11%	8%
grade 1 events	51	50	67	86	50
	0%	0%	0%	0%	0%
grade 2 events	2509	2400	2746	2595	2785
	3%	2%	2%	2%	3%
grade 3 events	845	1088	945	1137	953
	1%	1%	1%	1%	1%
grade 4 events	908	1034	1043	1114	998
	1%	1%	1%	1%	1%
grade 5 events	2368	2622	2314	2755	2764
	3%	3%	2%	2%	2%
grade 6 events	1508	1854	1585	1621	1680
	1%	2%	1%	1%	1%
grade 7 events	61979	67445	76751	73601	75009
	81%	80%	83%	78%	81%

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	347.879097	347.8527149278497	Subarray requested	NONE	NONE
Pointing Dec	3.653123	3.645597902649333	Alternating exposures requested	N	N
Pointing Roll	165.500603	165.7109326905588	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	147768635.184000	147767739.97673			
Observation start date	2002-09-07T06:49:31	2002-09-07T06:35:39			
Observation end time	147782635.184000	147783143.16487			
Observation end date	2002-09-07T10:42:51	2002-09-07T10:52:23			
Read mode	TIMED	TIMED			

2.3 Aspect



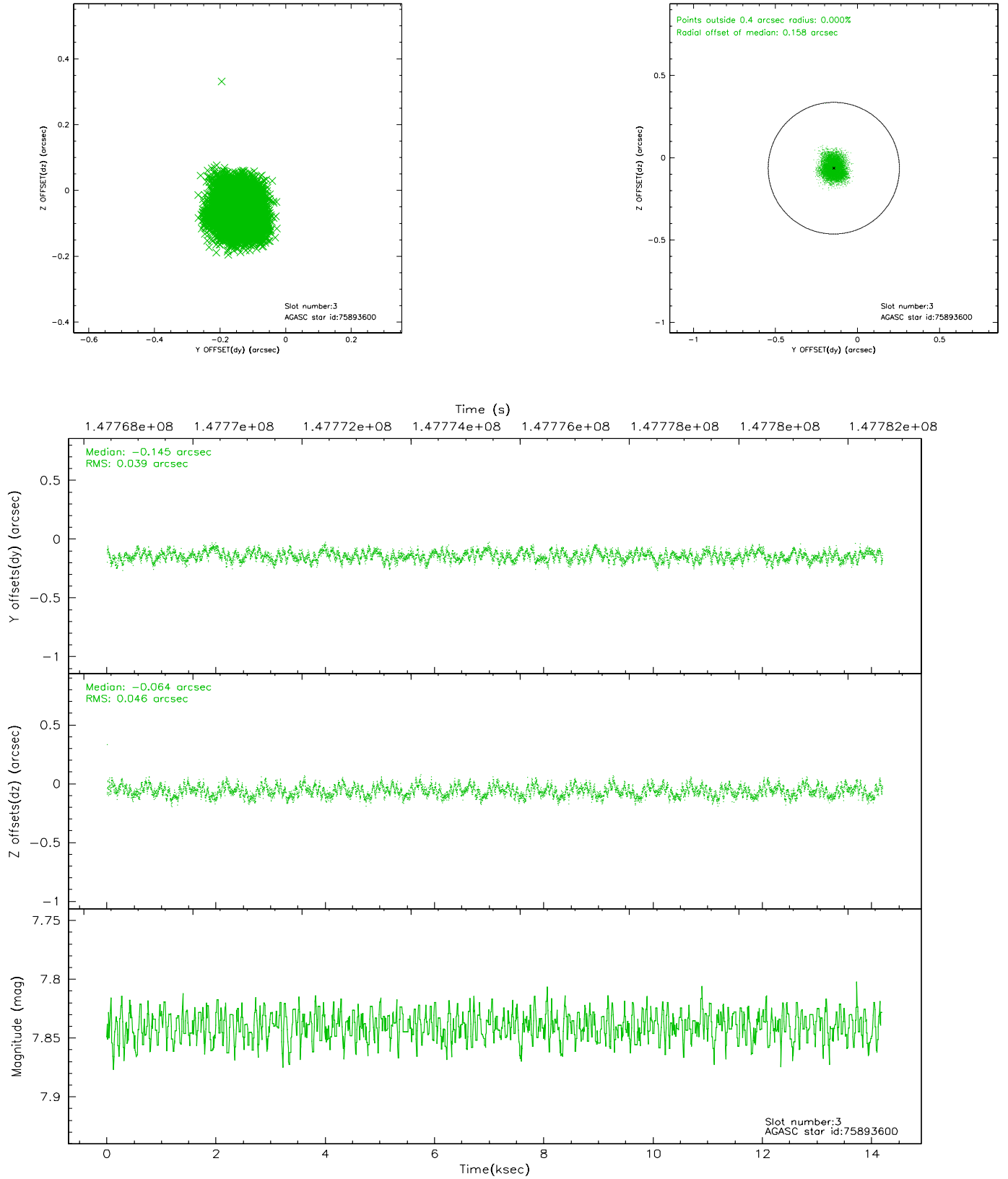


Slot Statistics

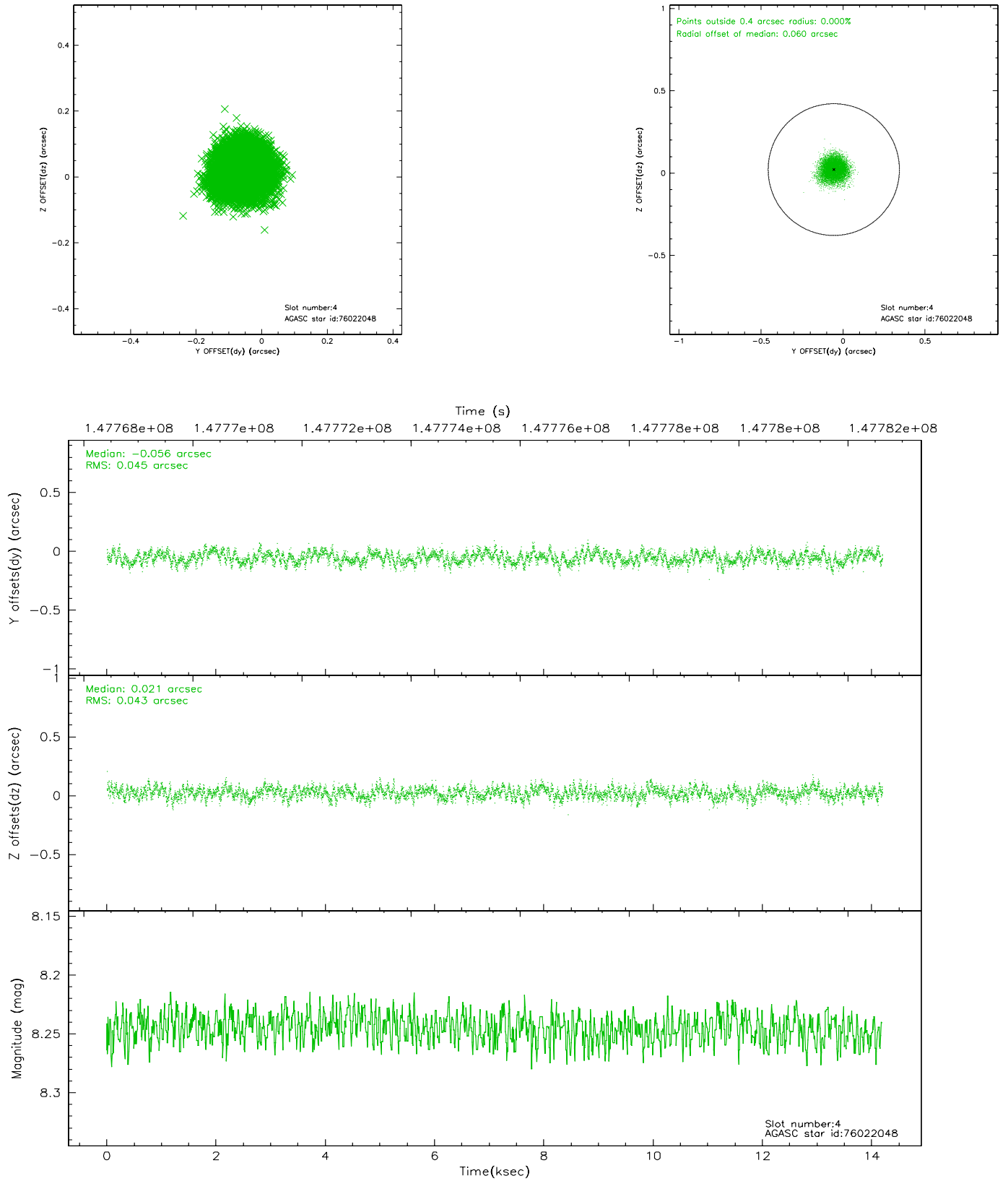
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	3463	0.028	0.028	0.008	0.016	0.000000	0.000000	937.57	-950.81
1	FID	ACIS-I-5	7.24	3460	-0.103	0.072	0.008	0.015	0.000000	0.000000	-1810.46	946.56
2	FID	ACIS-I-6	7.25	3460	-0.016	-0.028	0.008	0.014	0.000000	0.000000	402.75	1591.31
3	GUIDE	75893600	7.84	6924	-0.145	-0.064	0.066	0.100	347.408770	3.241579	1264.97	1857.73
4	GUIDE	76022048	8.25	6926	-0.056	0.021	0.067	0.105	347.805738	3.153023	-196.04	1809.94
5	GUIDE	76035016	8.58	6920	0.029	-0.007	0.135	0.188	347.613656	3.490833	776.32	805.16
6	GUIDE	76036656	9.02	6925	0.103	0.046	0.070	0.113	348.499744	3.446198	-2346.20	162.92
7	GUIDE	76022688	9.09	6922	0.069	0.001	0.089	0.146	348.084137	3.042512	-1264.99	1944.27

2.4 Star Slots

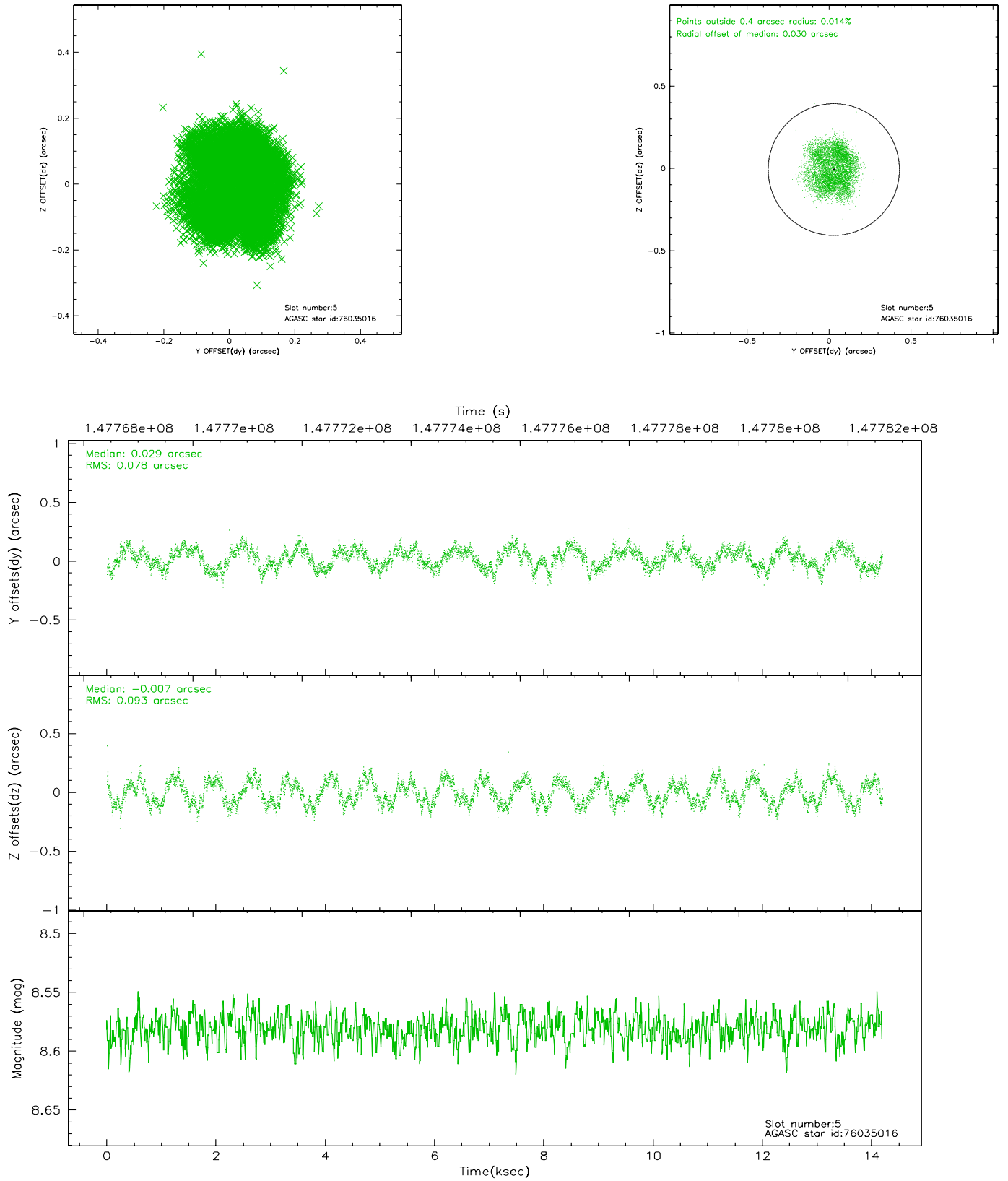
2.4.1 Slot 3



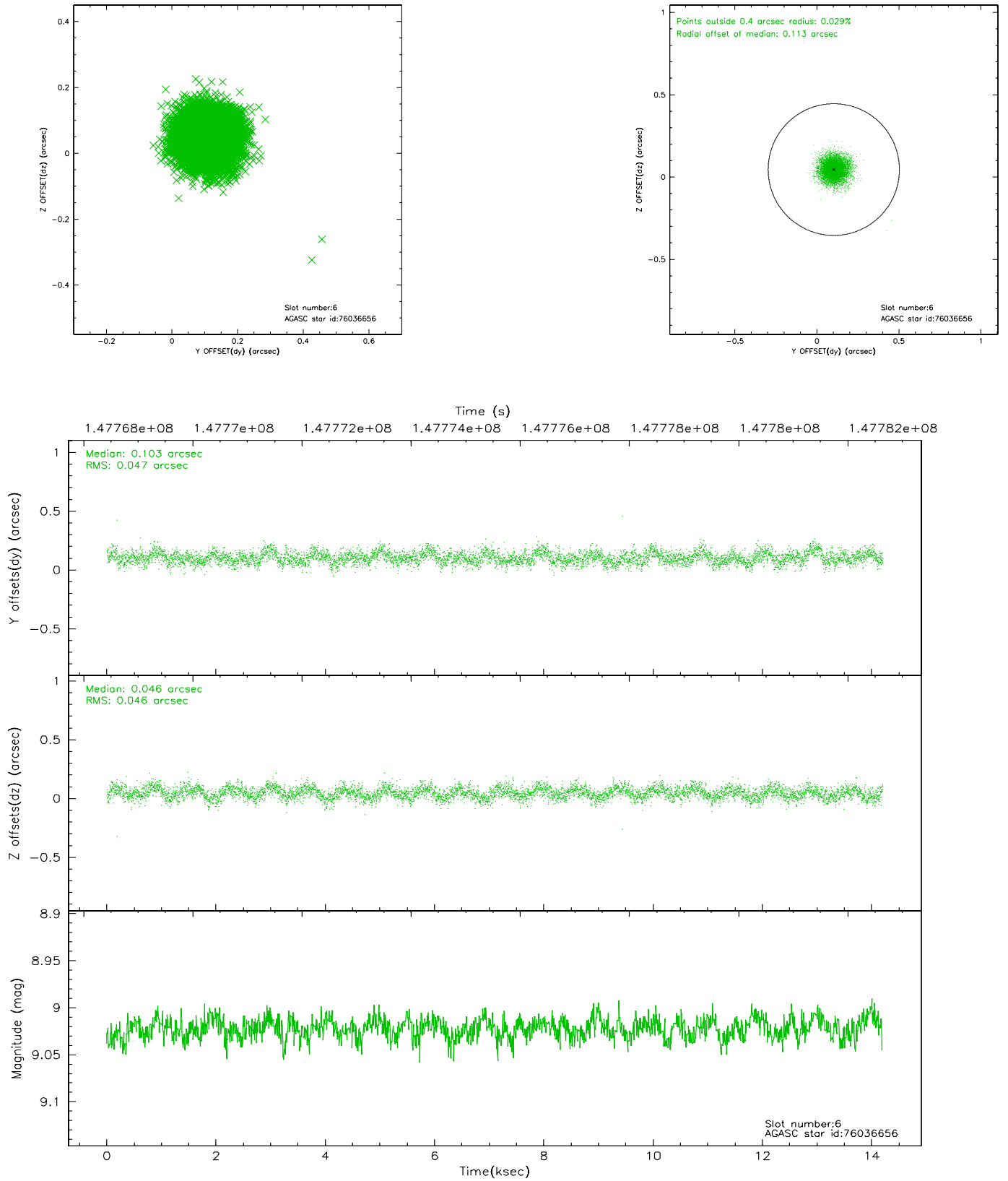
2.4.2 Slot 4



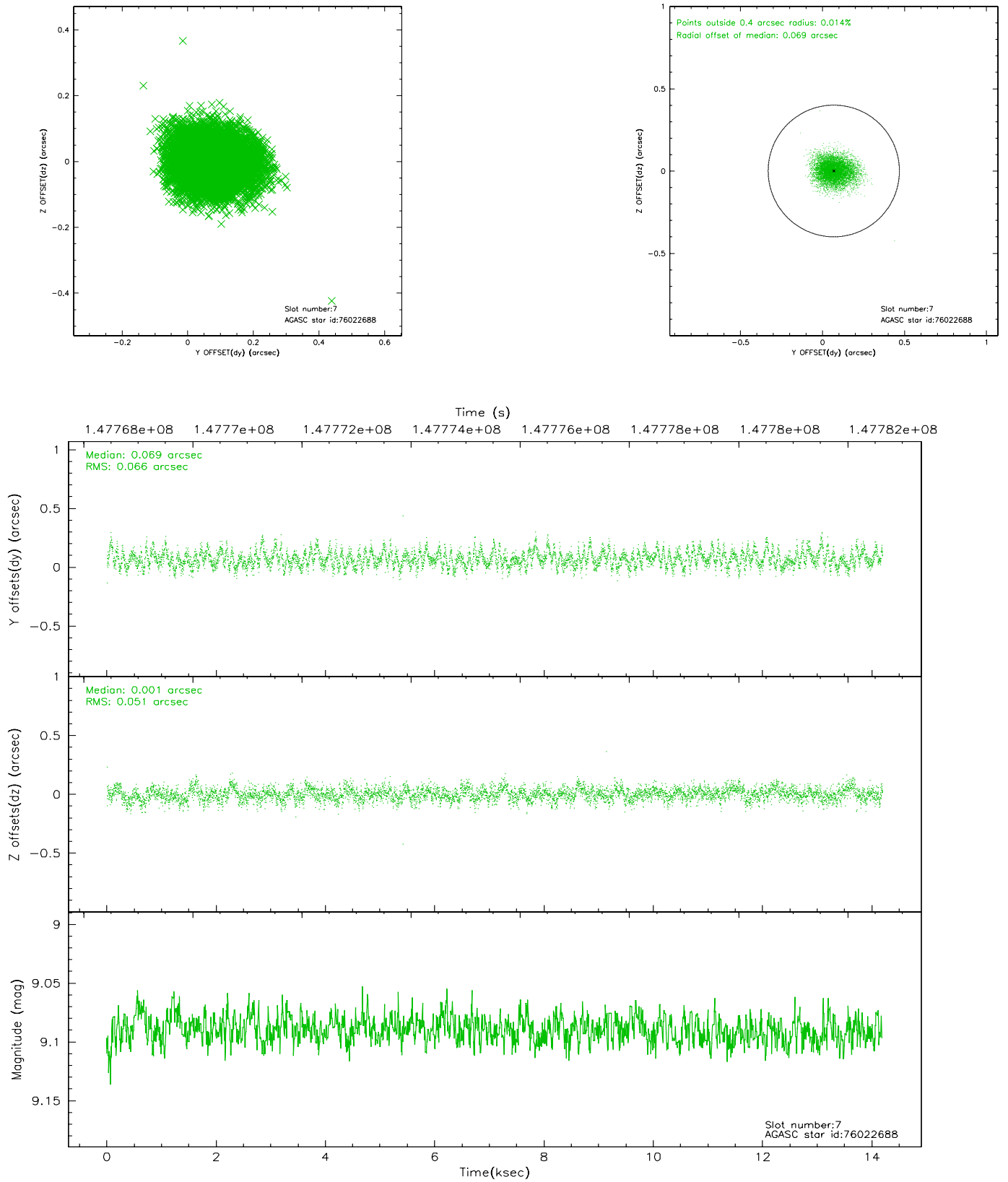
2.4.3 Slot 5



2.4.4 Slot 6

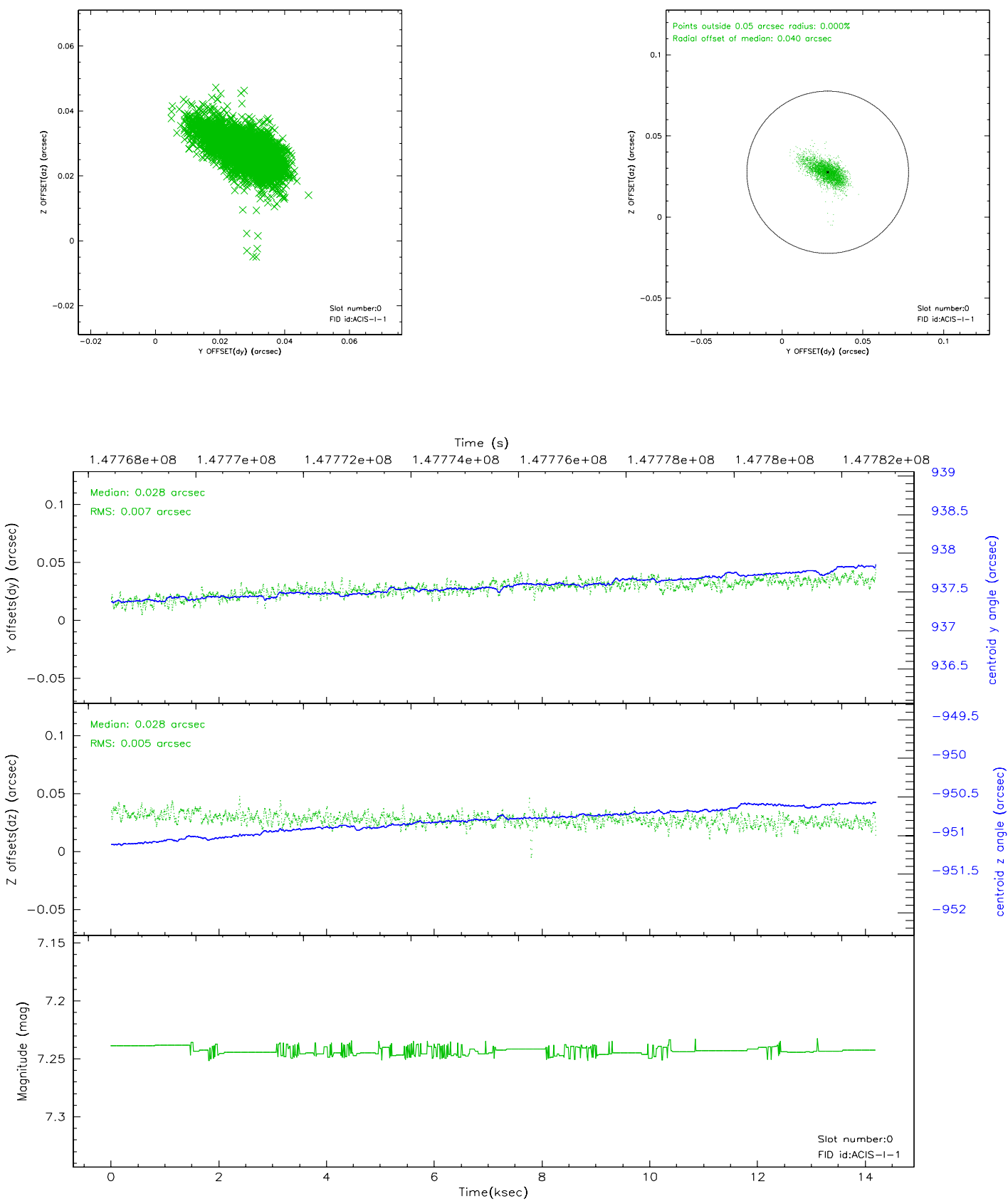


2.4.5 Slot 7

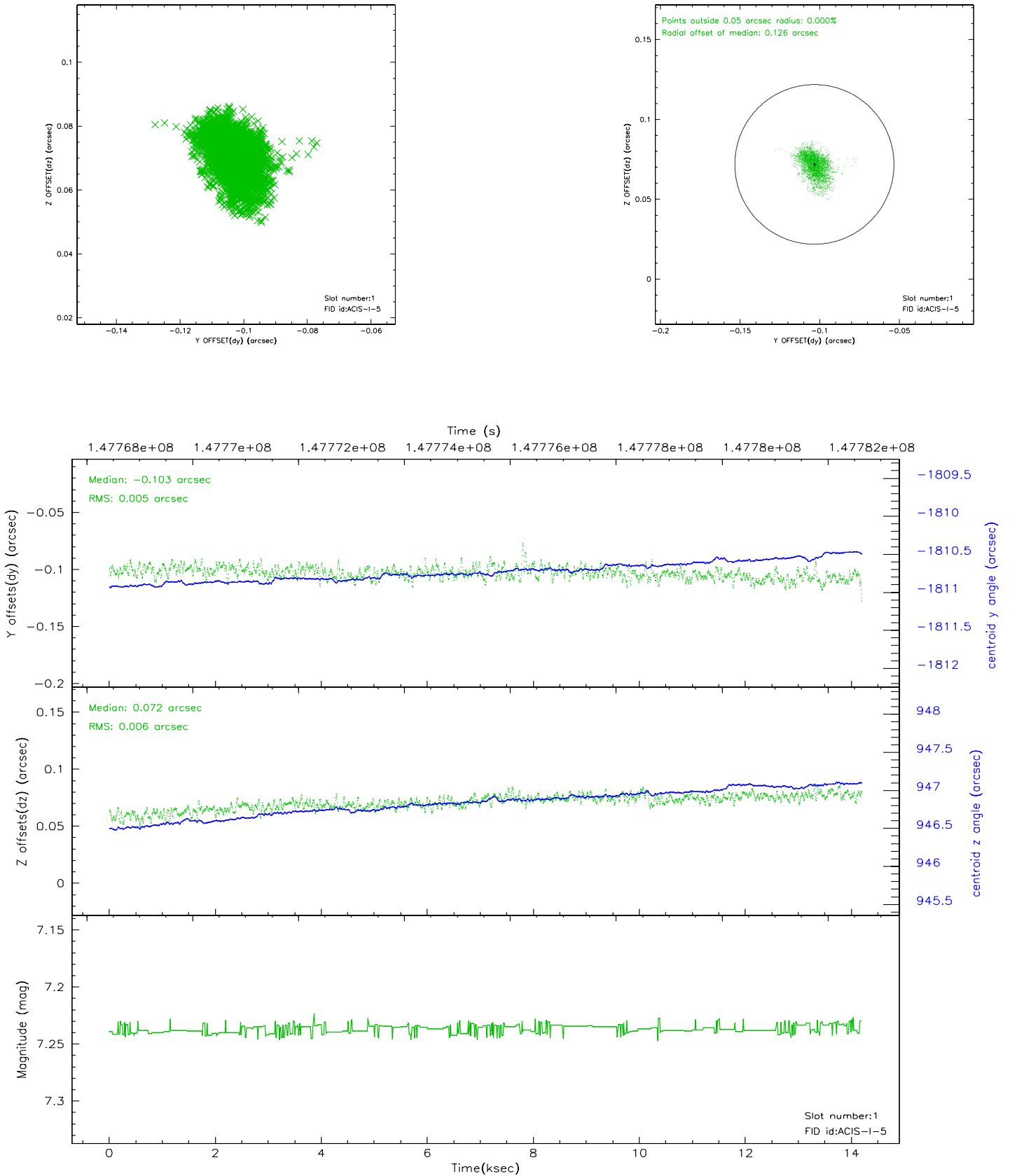


2.5 FID Slots

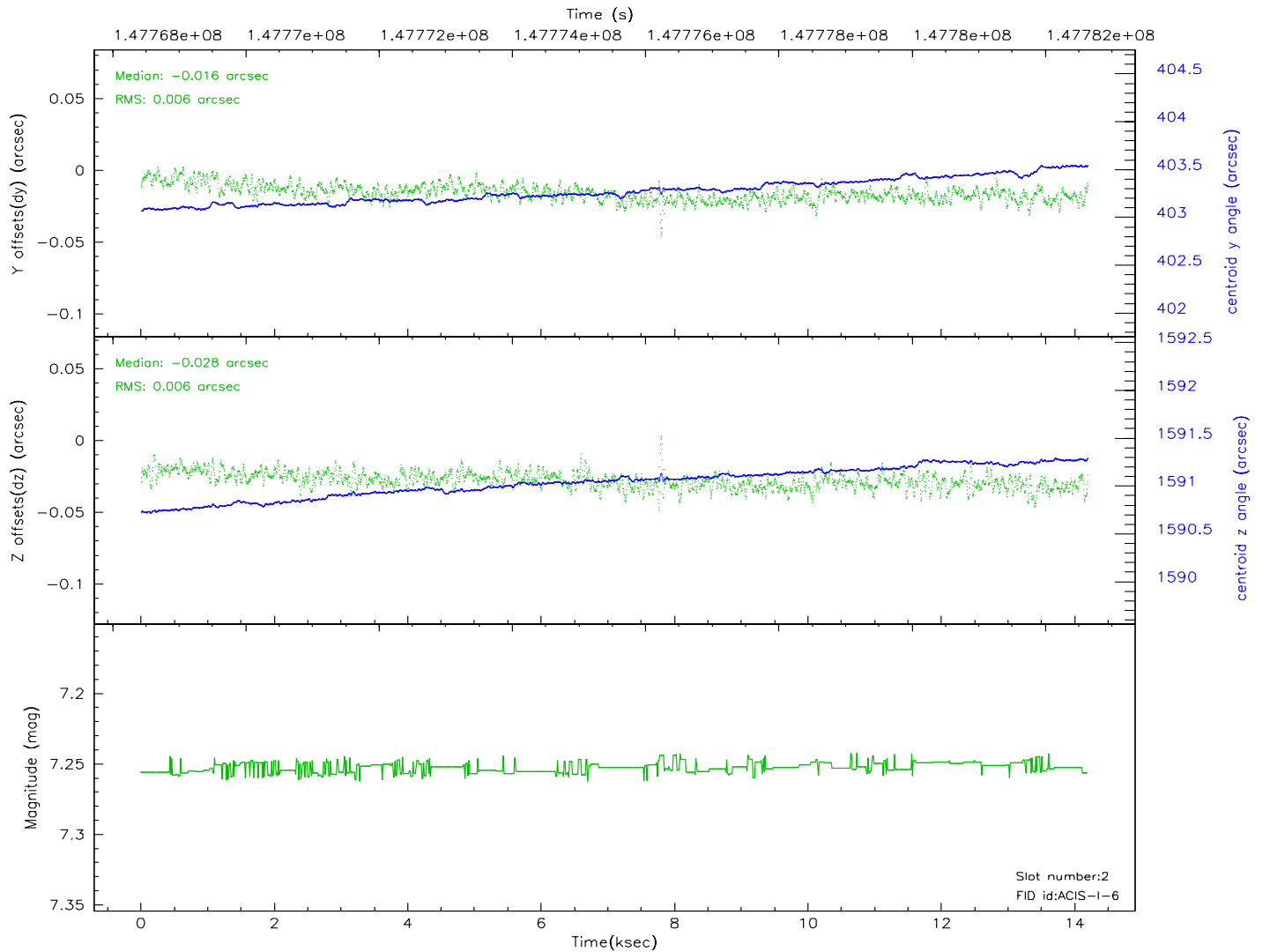
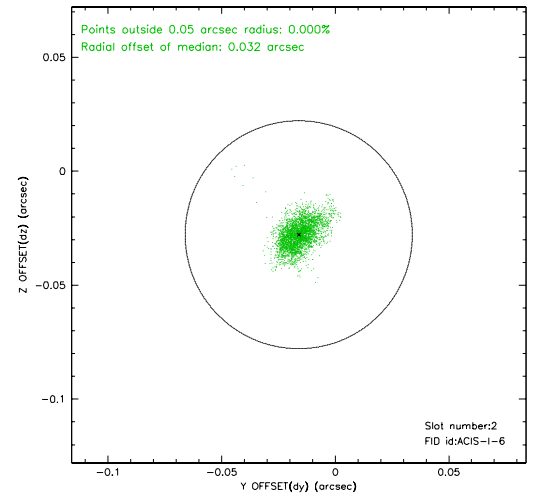
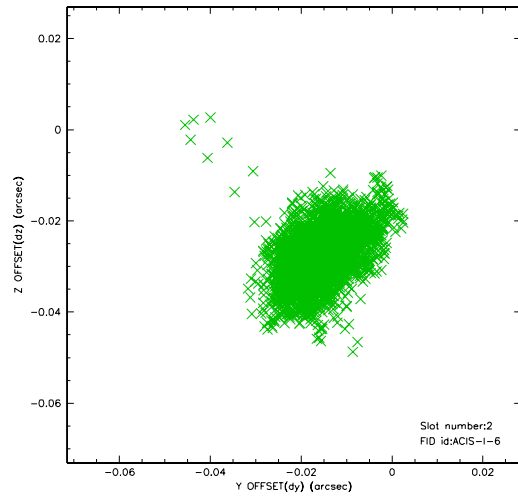
2.5.1 Slot 0



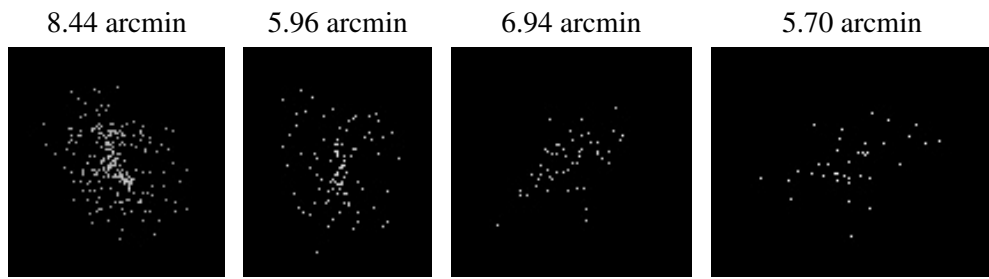
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.10.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	13.773

A.2 Comments