

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 7197 - L2 Version 002
Chandra X-Ray Center

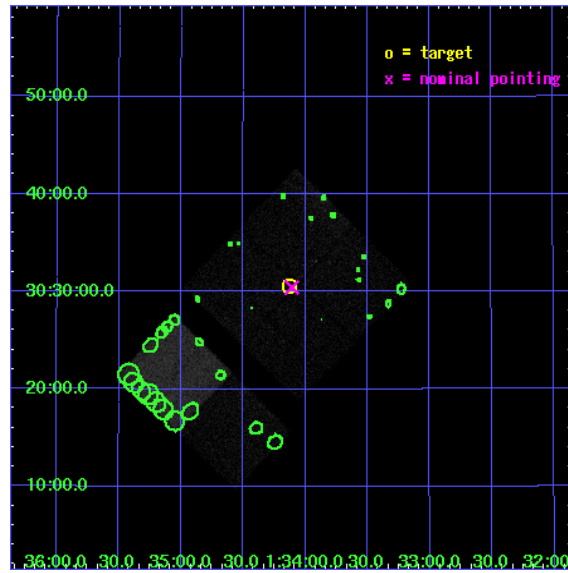
L2 Processing Date : Apr 4 2006

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1 Front

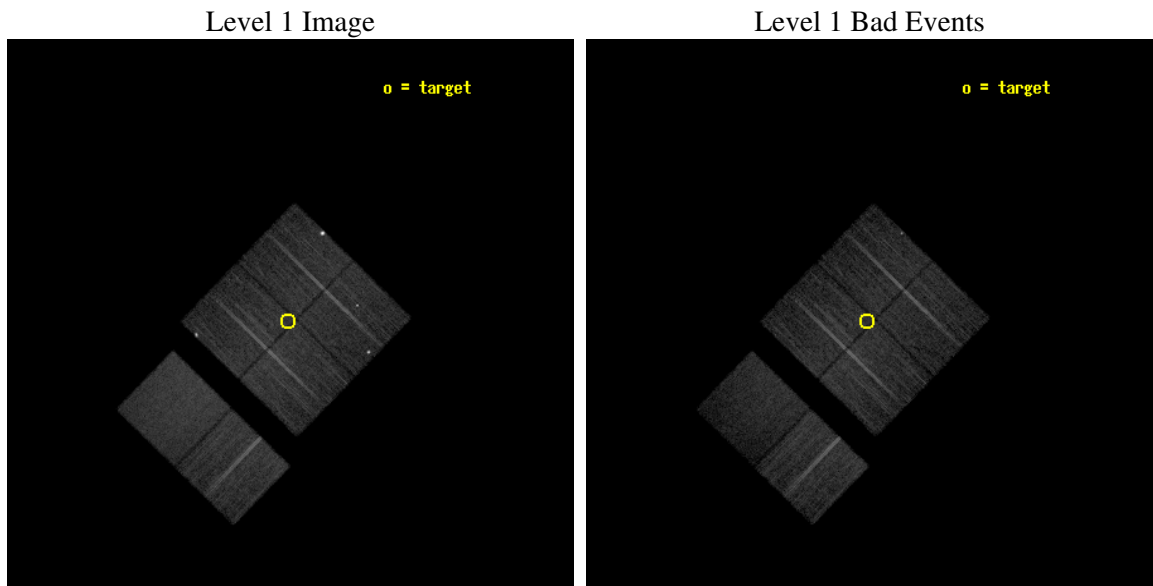
seq_num	600488
obs_id	7197
title	The Chandra ACIS Survey of M33 (ChASeM33): A Deep Survey of the Nearest Face-on Spiral Galaxy
observer	Dr Manami Sasaki
object	M33 Field 6
dtcycle	0
cycle	P
ra_targ	23.532083
dec_targ	30.509111
ra_nom	23.527086886162
dec_nom	30.507393431011
roll_nom	224.21121153313
revision	2
ontime	12812.717971772
livetime	12650.475621921
ontime0	12819.199952245
ontime1	12819.199952245
ontime2	12819.199952245
ontime3	12812.717971772
ontime6	12815.958981991
ontime7	12819.199952245
l2events	89570



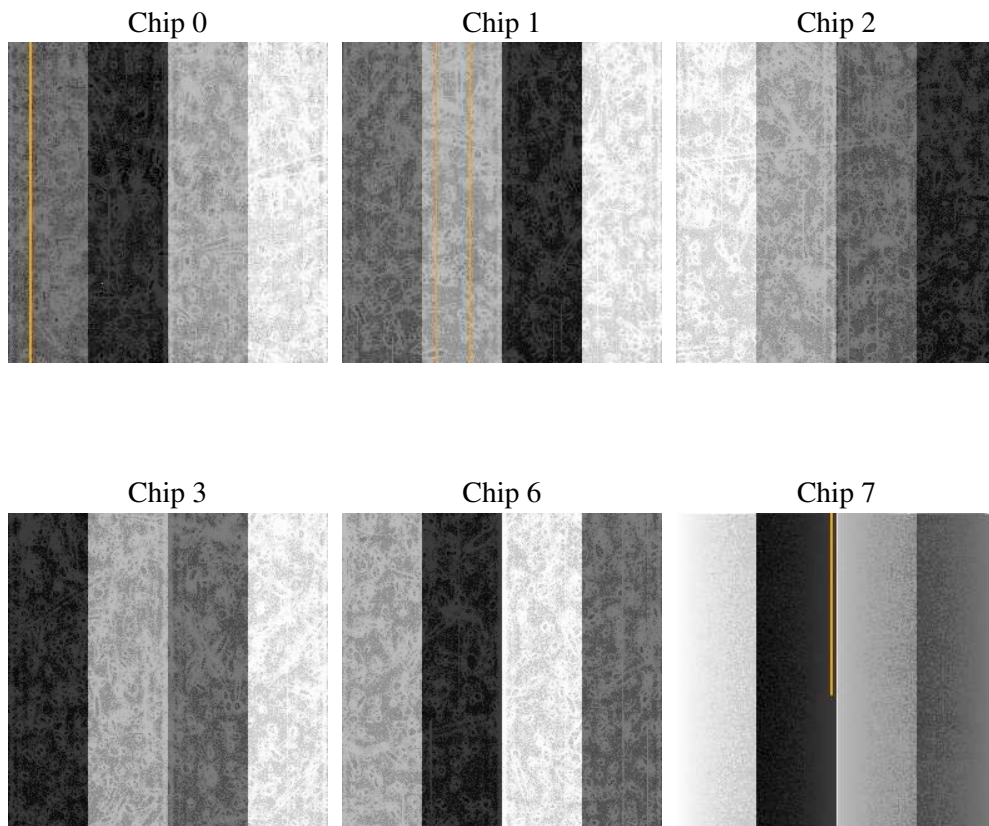
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-04T13:03:59
revision	2

sched_exp_time	13000.000000
ontime	12818.188501269
ontime0	12824.670481741
ontime1	12824.670481741
ontime2	12824.670481741
ontime3	12818.188501269
ontime6	12821.429501593
ontime7	12824.670481741
l1events	529635

2.1.4 Events

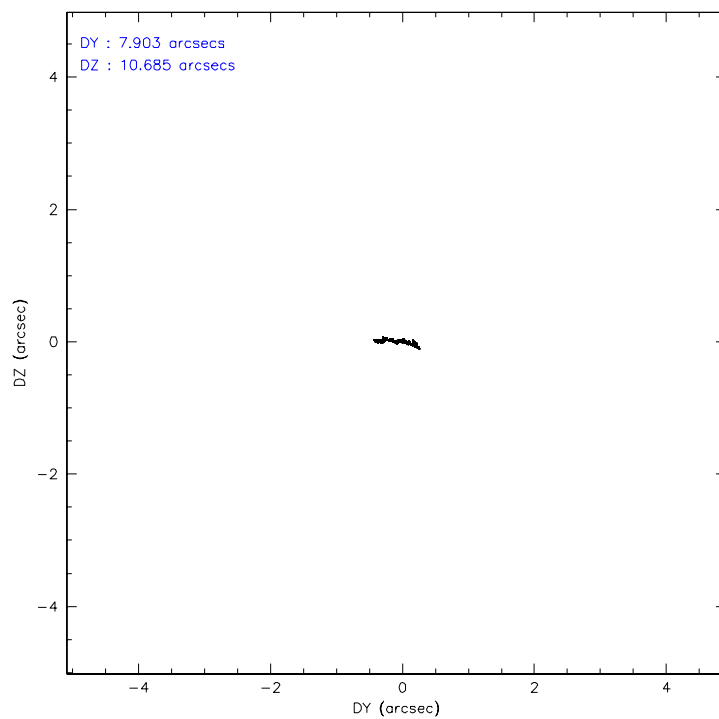
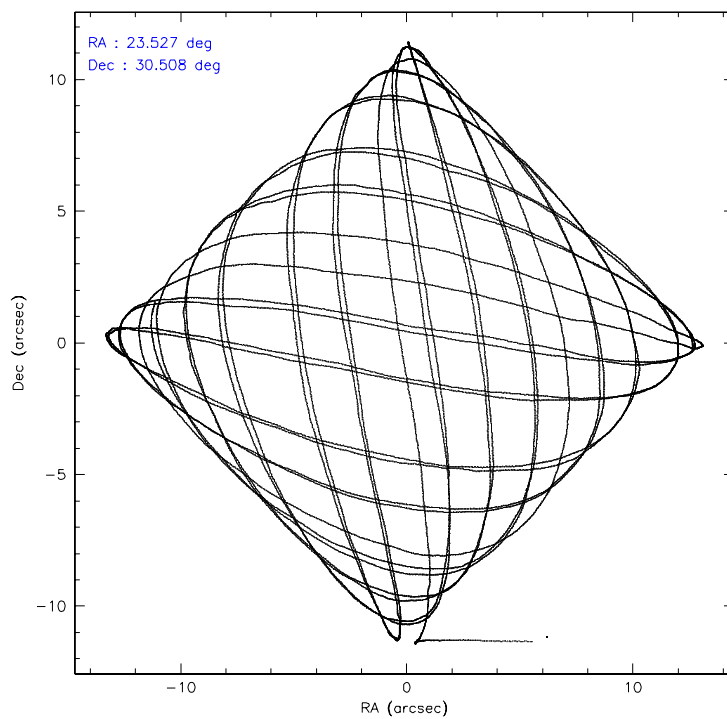
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	81368	91689	89500	84338	88685	94055
rejected events	69096	68859	81492	74220	80026	54960
rejected %	84%	75%	91%	88%	90%	58%

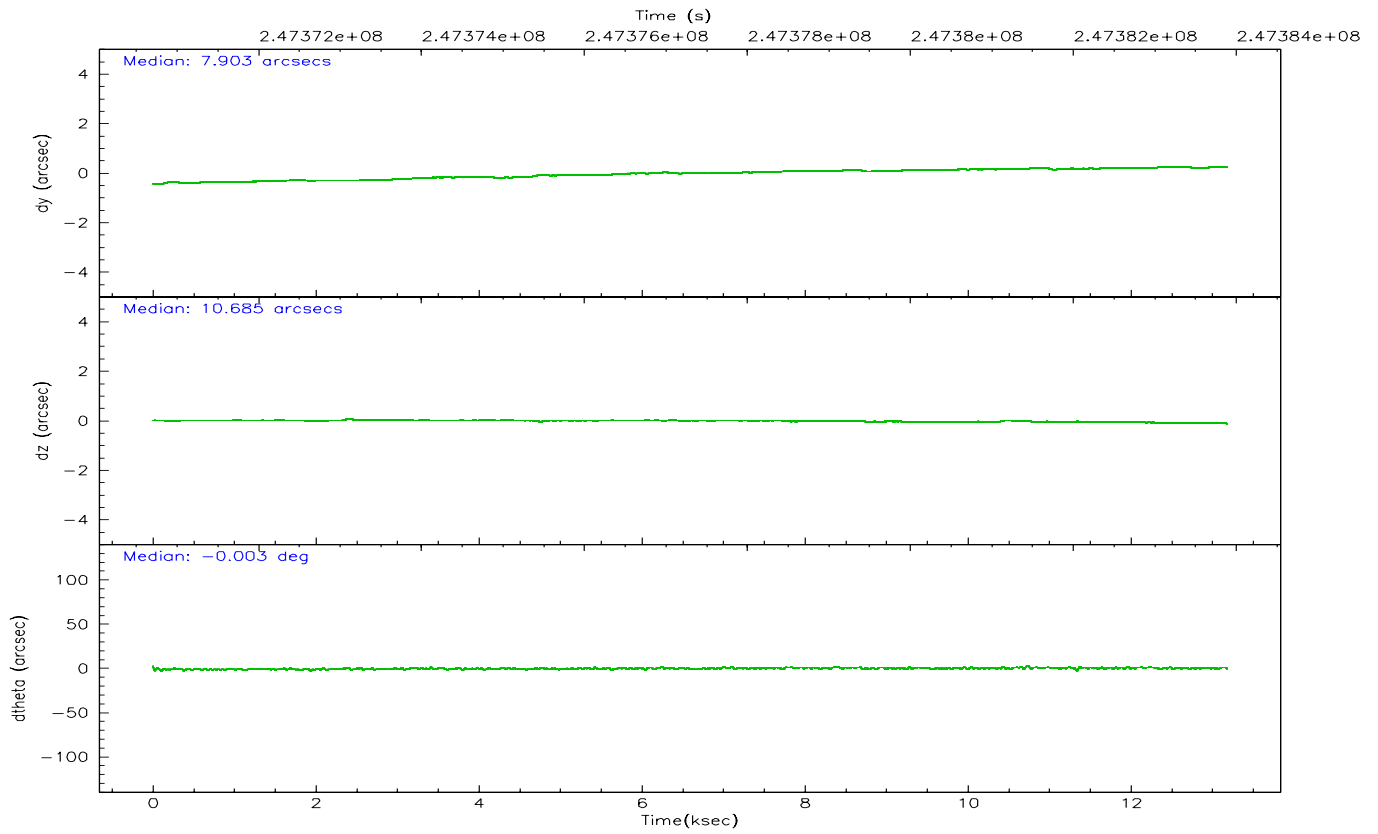
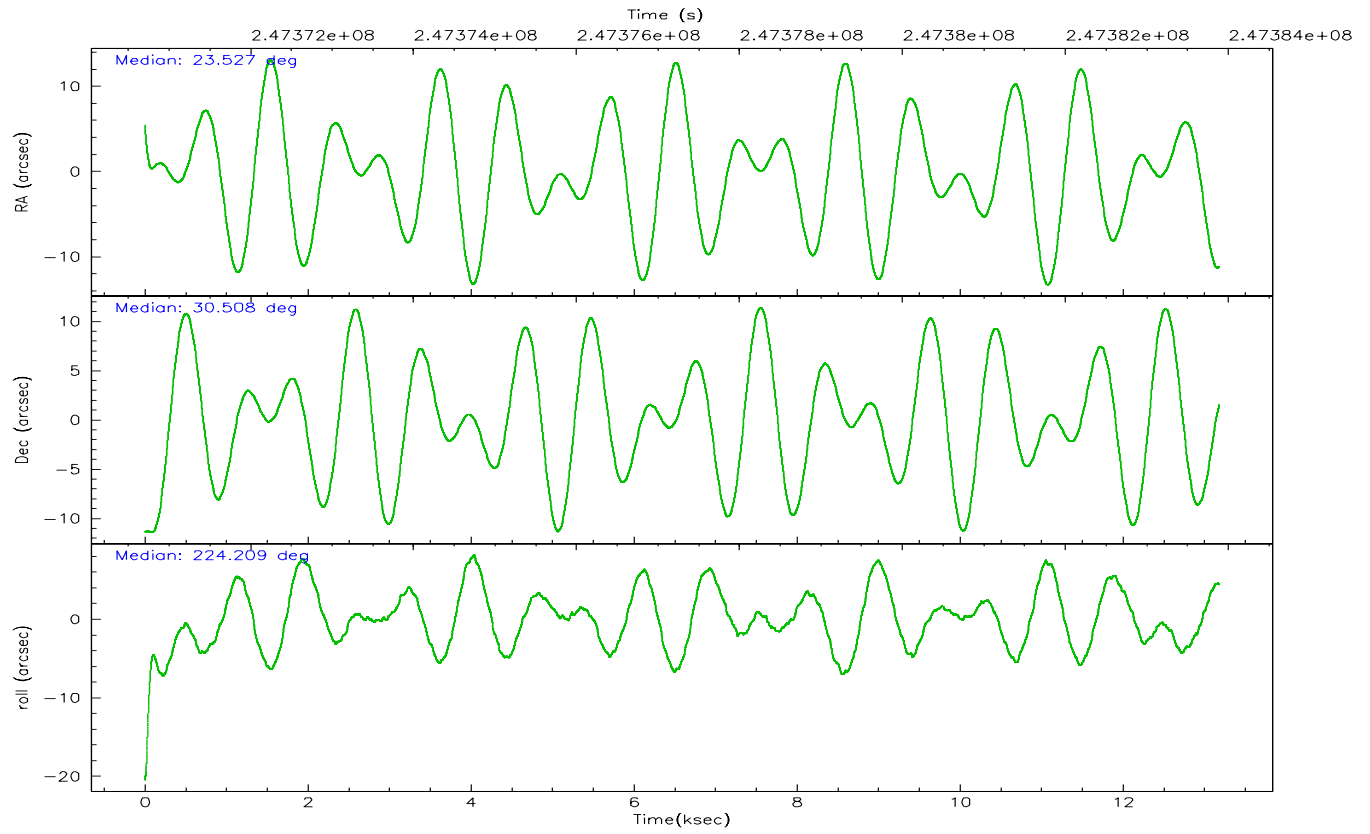
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	6059	13993	2880	4502	2968	1998
	7%	15%	3%	5%	3%	2%
grade 1 events	56	250	43	37	33	47
	0%	0%	0%	0%	0%	0%
grade 2 events	2370	3647	1934	1928	1925	9400
	2%	3%	2%	2%	2%	9%
grade 3 events	1115	1468	873	1079	1003	2096
	1%	1%	0%	1%	1%	2%
grade 4 events	1049	1421	884	986	900	2031
	1%	1%	0%	1%	1%	2%
grade 5 events	2798	3400	2751	3510	3526	6964
	3%	3%	3%	4%	3%	7%
grade 6 events	1689	2310	1443	1626	1870	23591
	2%	2%	1%	1%	2%	25%
grade 7 events	66232	65200	78692	70670	76460	47928
	81%	71%	87%	83%	86%	50%

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	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	23.535589	23.527086886162	Alternating exposures requested	N	N
Pointing Dec	30.533805	30.50739343101075	Primary exposure time	0.000000	3.2
Pointing Roll	223.998215	224.2112115331253			
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	247370883.184000	247369936.60563			
Observation start date	2005-11-03T02:06:59	2005-11-03T01:52:16			
Observation end time	247383883.184000	247384588.98131			
Observation end date	2005-11-03T05:43:39	2005-11-03T05:56:28			
Read mode	TIMED	TIMED			

2.3 Aspect



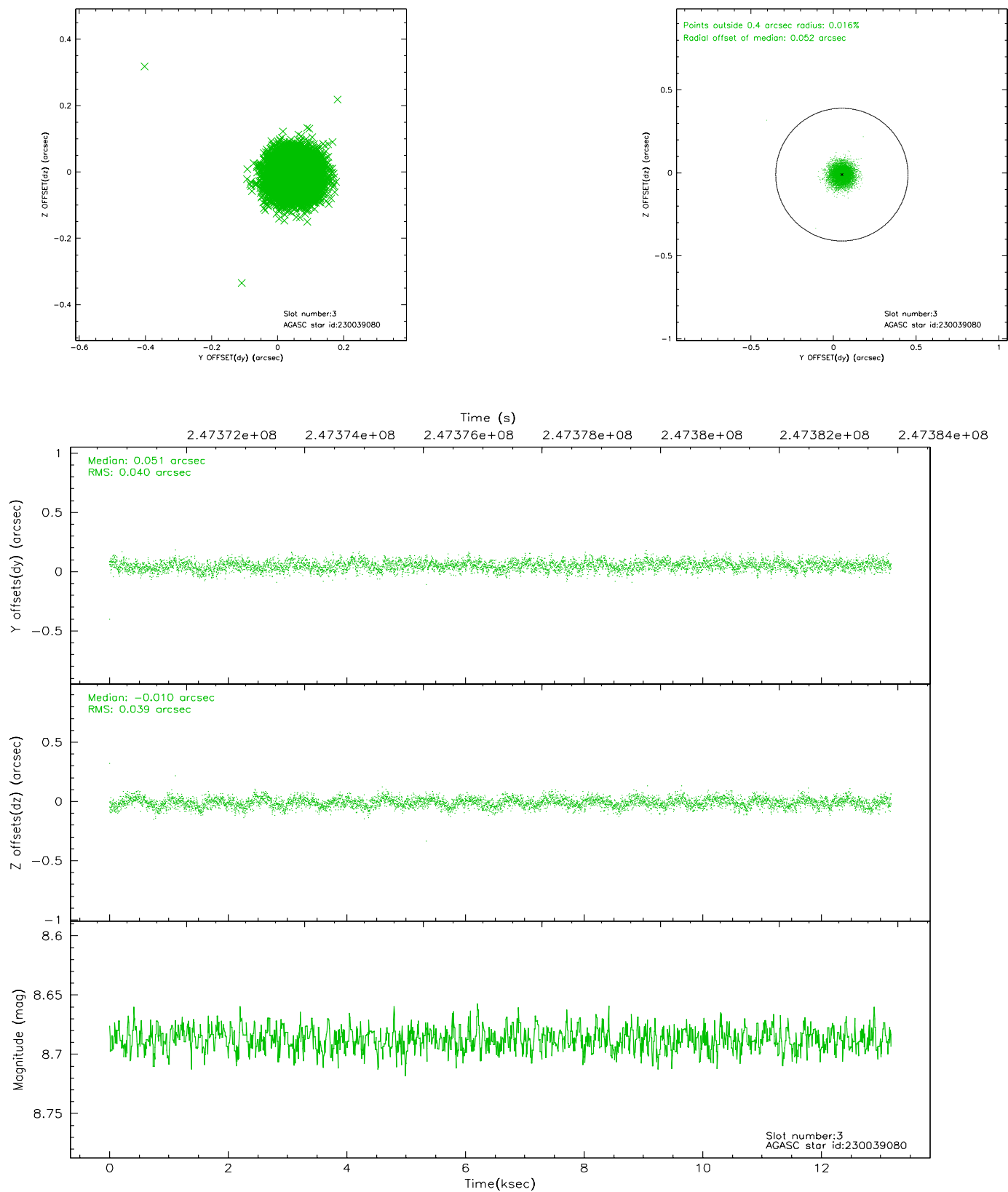


Slot Statistics

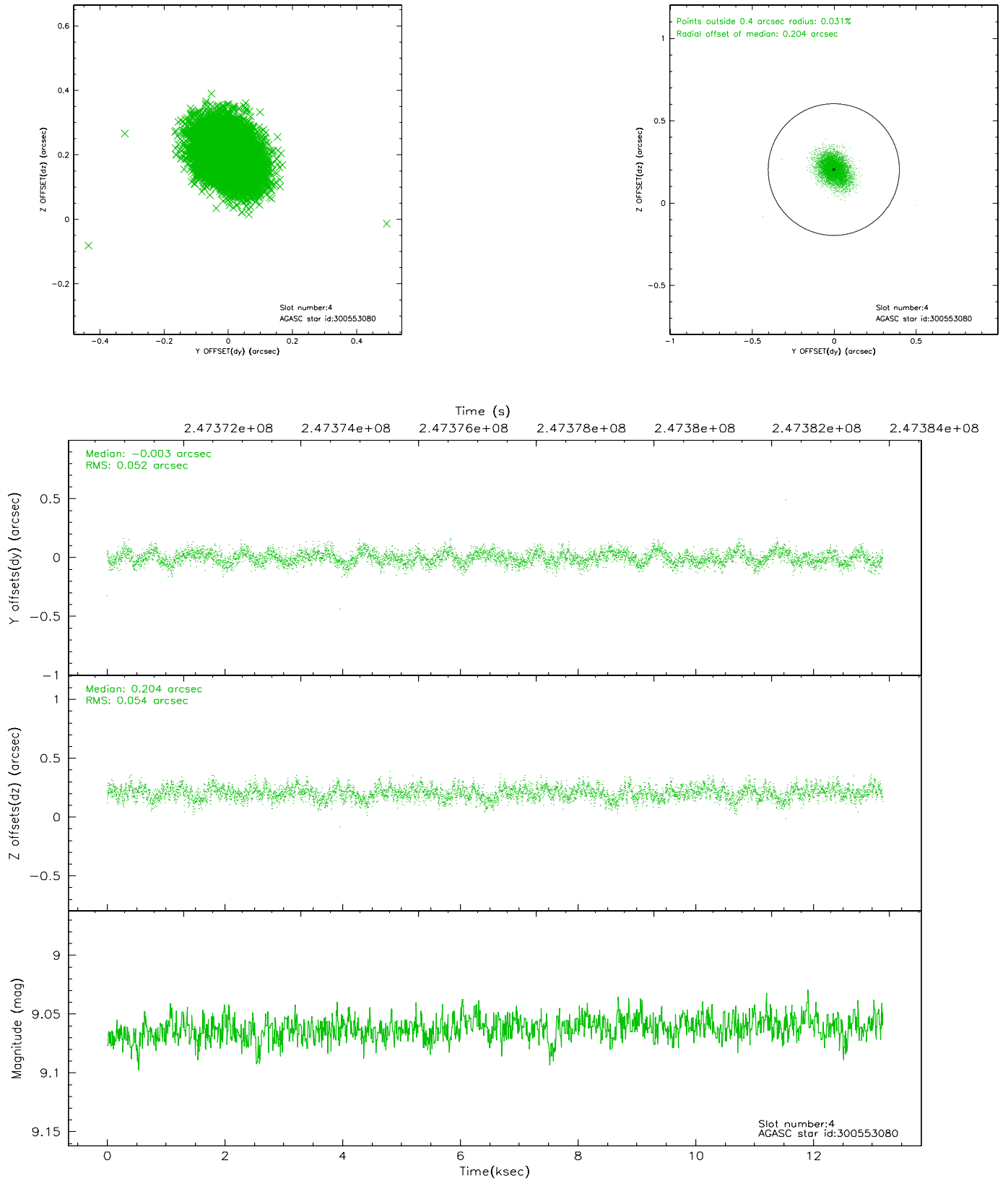
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	3215	-0.009	0.025	0.009	0.013	0.000000	0.000000	931.80	-834.12
1	FID	ACIS-I-2	7.14	3215	-0.074	-0.026	0.013	0.021	0.000000	0.000000	-762.15	-840.83
2	FID	ACIS-I-6	7.25	3214	-0.008	0.067	0.009	0.016	0.000000	0.000000	397.21	1707.54
3	GUIDE	230039080	8.69	6430	0.051	-0.010	0.059	0.094	23.320866	29.887774	2097.40	1207.42
4	GUIDE	300553080	9.06	6426	-0.003	0.204	0.080	0.130	23.777101	30.773227	-1136.16	-101.15
5	GUIDE	300559160	9.40	6423	0.021	-0.084	0.093	0.153	24.161026	30.632205	-1643.52	1087.14
6	GUIDE	300559832	7.87	6431	-0.024	-0.107	0.053	0.086	24.407732	30.552794	-1999.98	1821.68
7	GUIDE	300559960	7.88	6430	-0.045	0.004	0.059	0.094	22.944463	30.624765	1086.27	-1510.07

2.4 Star Slots

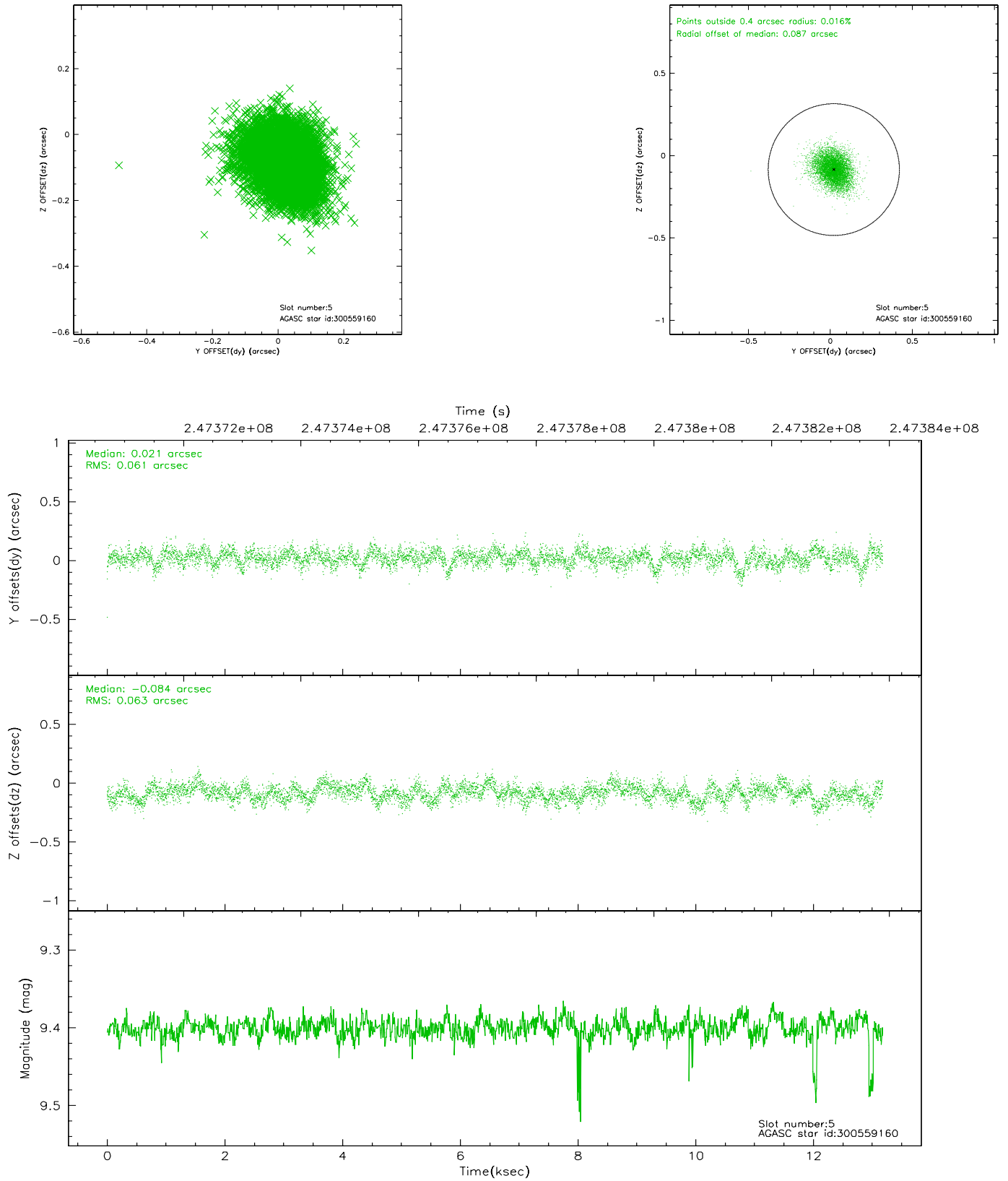
2.4.1 Slot 3



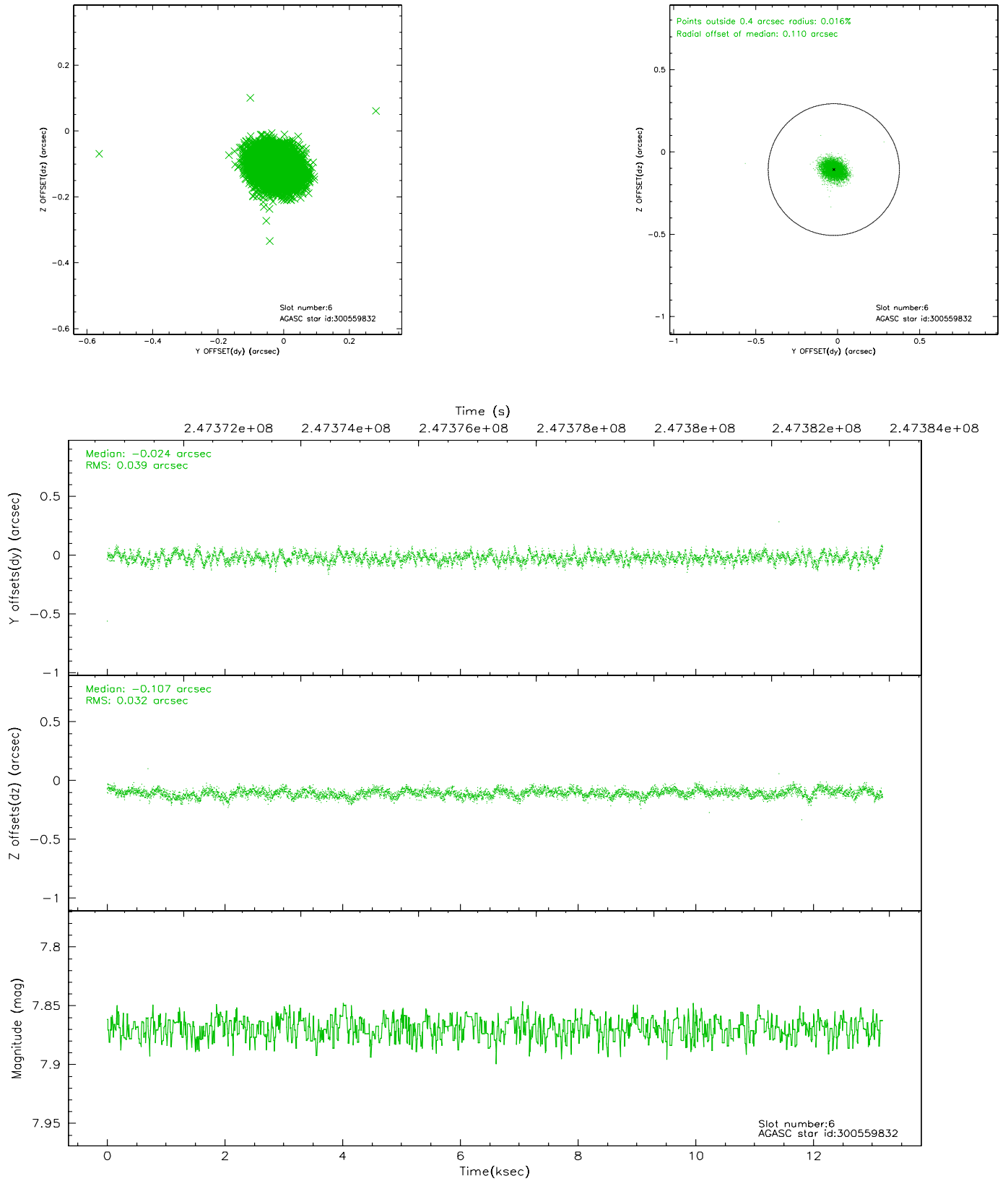
2.4.2 Slot 4



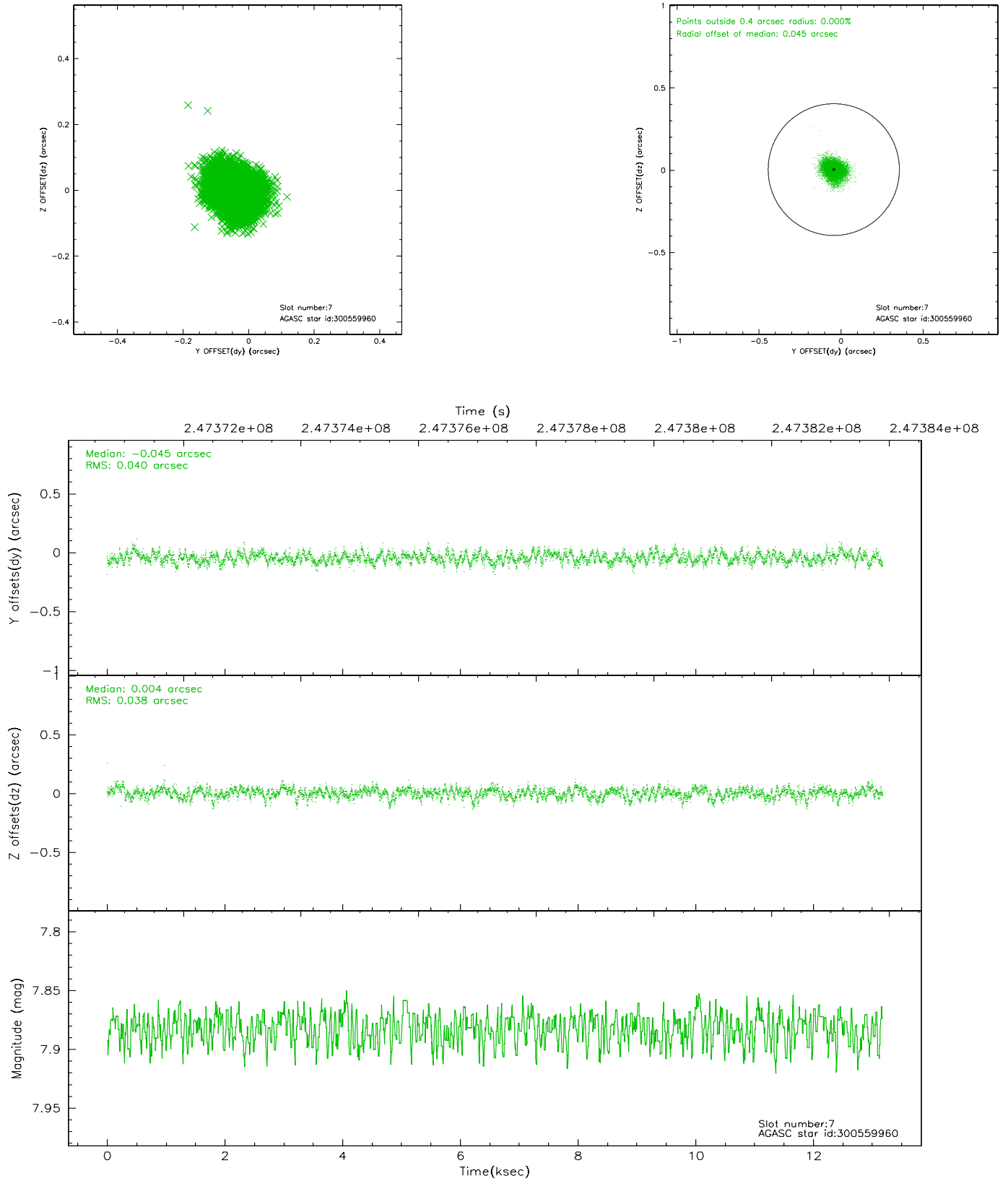
2.4.3 Slot 5



2.4.4 Slot 6

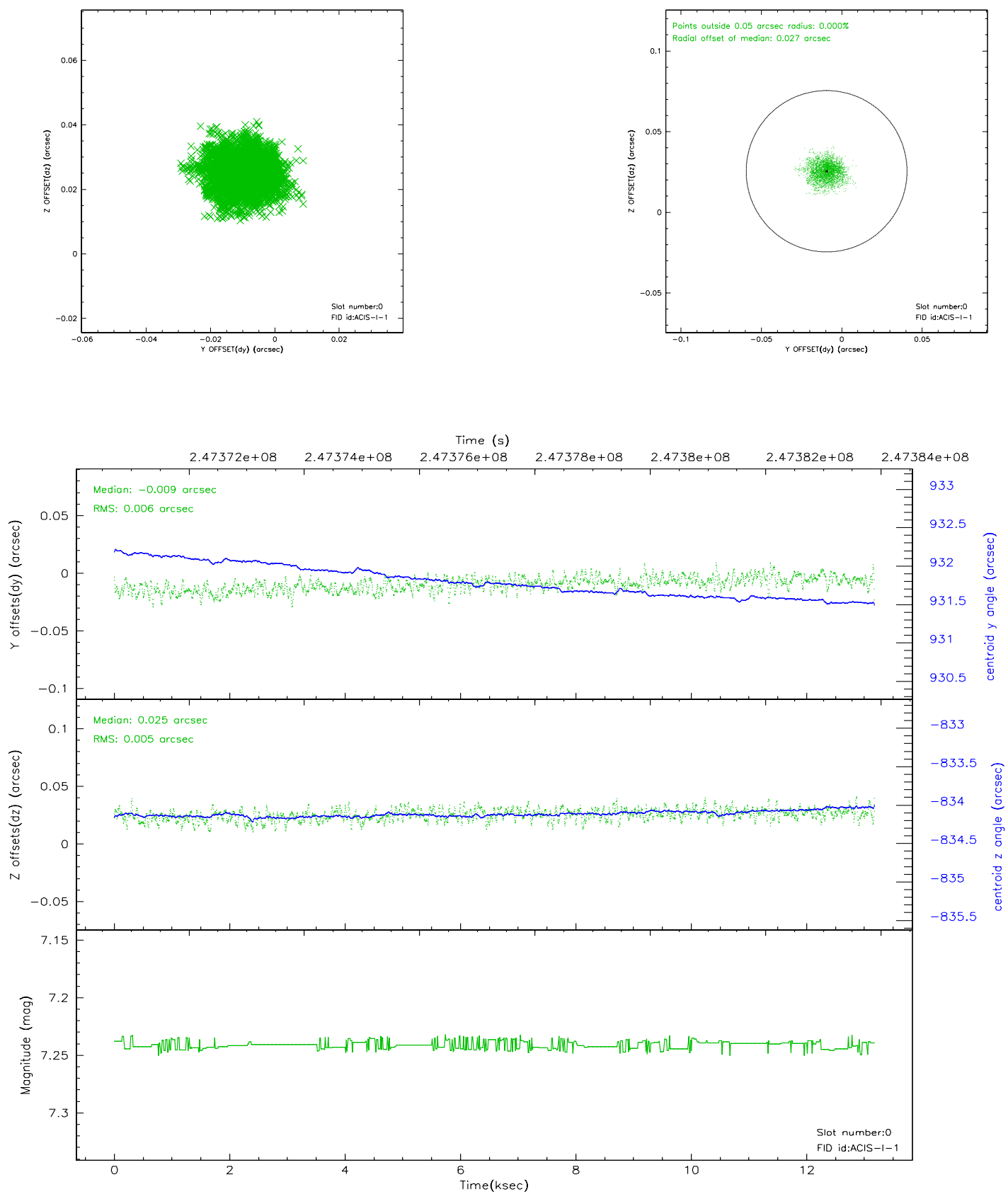


2.4.5 Slot 7

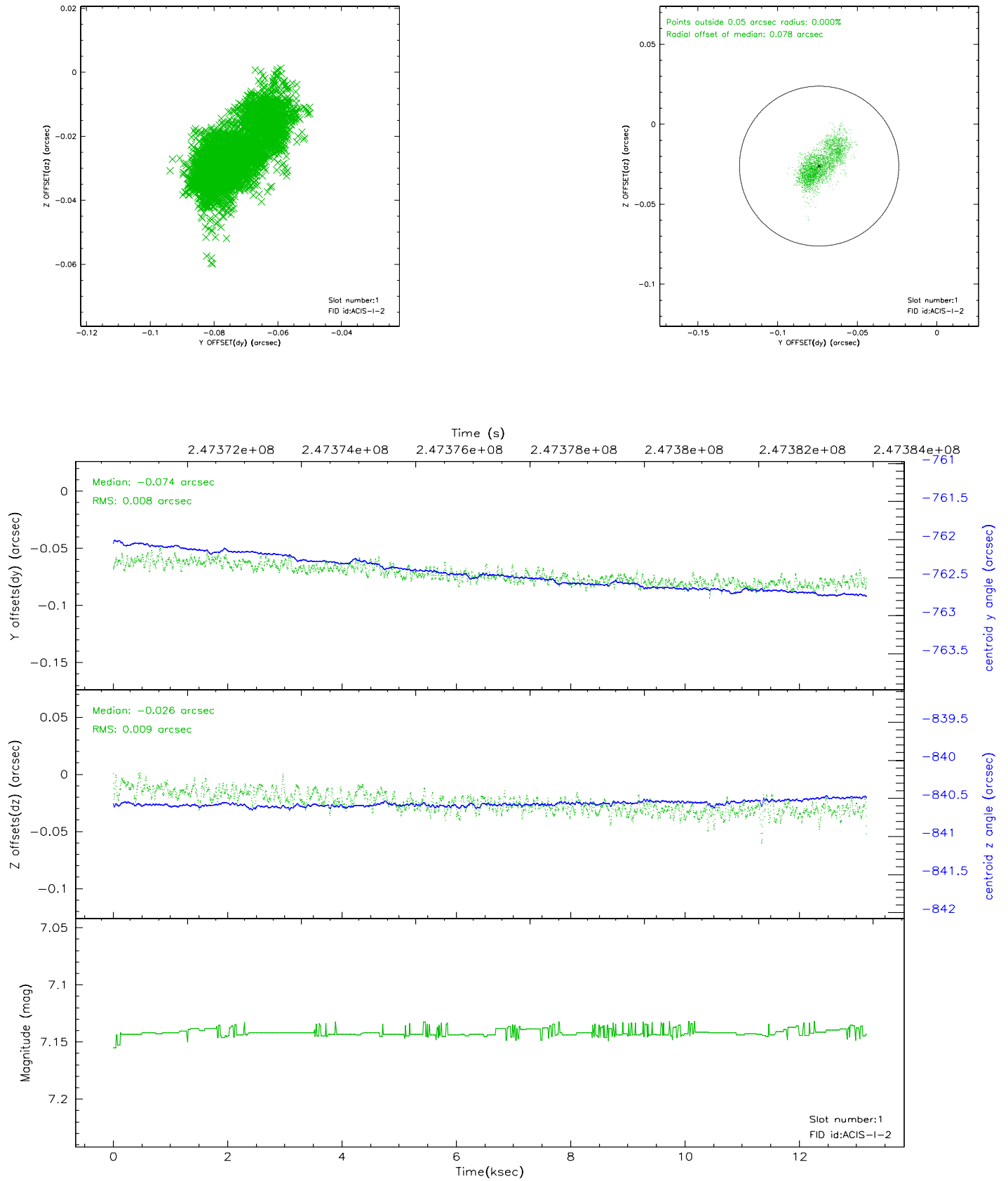


2.5 FID Slots

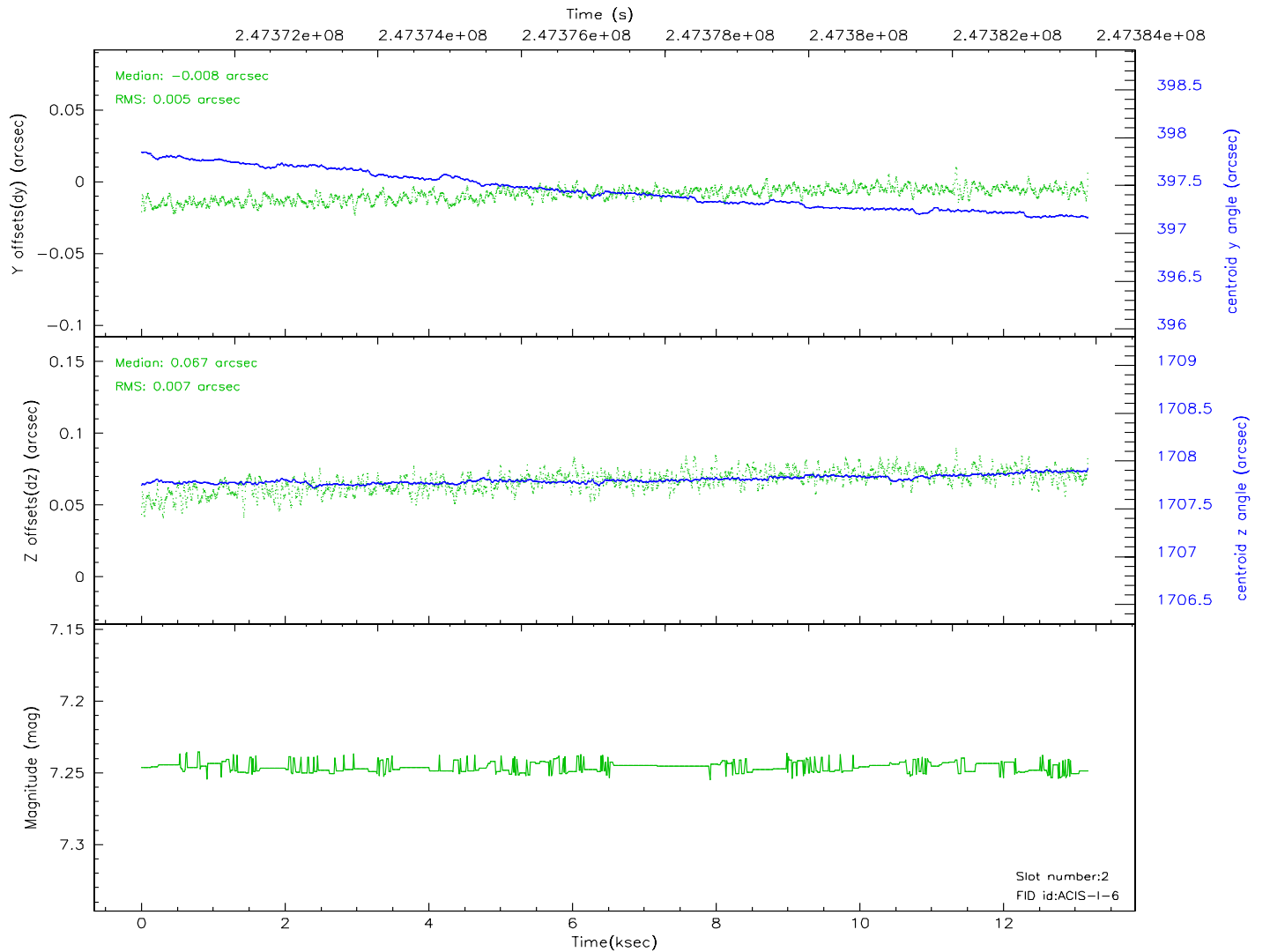
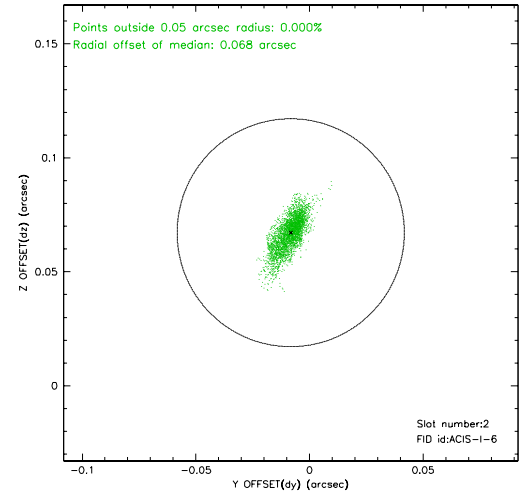
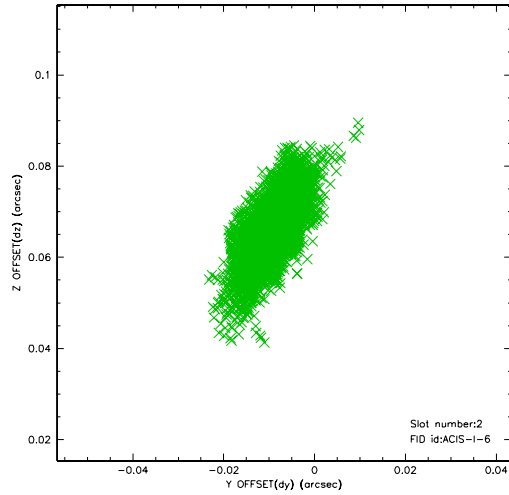
2.5.1 Slot 0



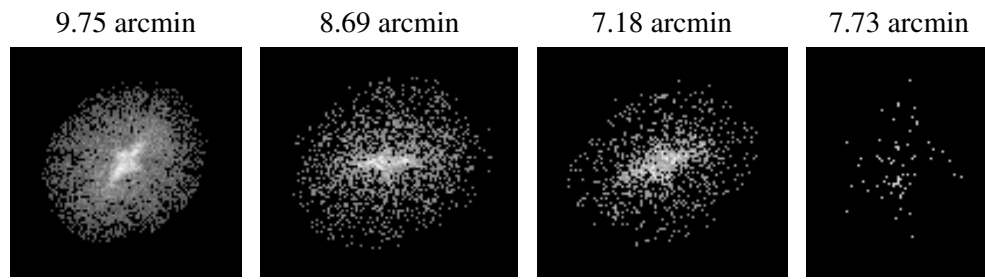
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.04.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.81271

A.2 Comments