

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4997 - L2 Version 001
Chandra X-Ray Center

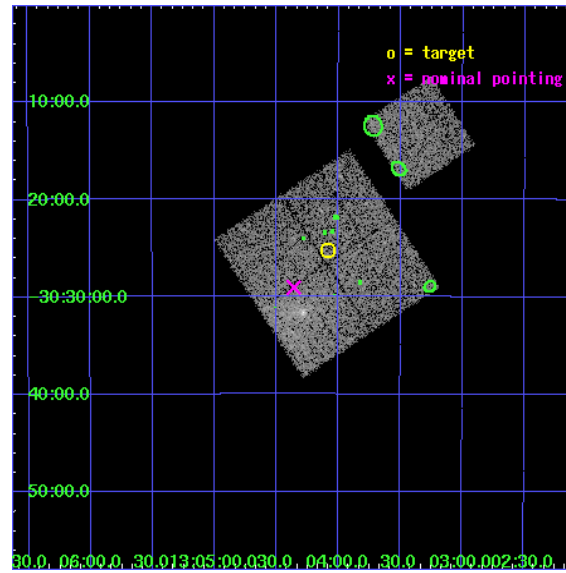
L2 Processing Date : Jun 4 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

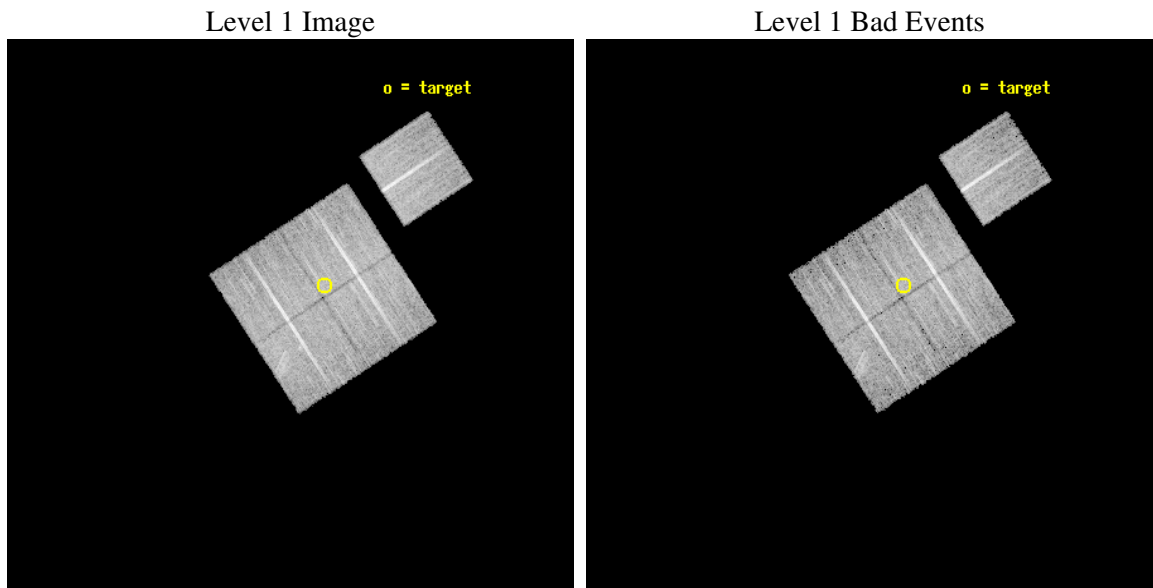
seq_num	800440
obs_id	4997
title	Study of Candidate 'Fossil Groups
observer	Dr. Stephen Murray
object	NGC4936-offset1
dtcycle	0
cycle	P
ra_targ	196.020833
dec_targ	-30.419889
ra_nom	196.08984164145
dec_nom	-30.484199819957
roll_nom	56.685834029719
revision	2
ontime	14151.49997279
livetime	13966.600207463
ontime0	14145.218032271
ontime1	14142.076922625
ontime2	14151.49997279
ontime3	14151.49997279
ontime6	14148.35900256
l2events	36828



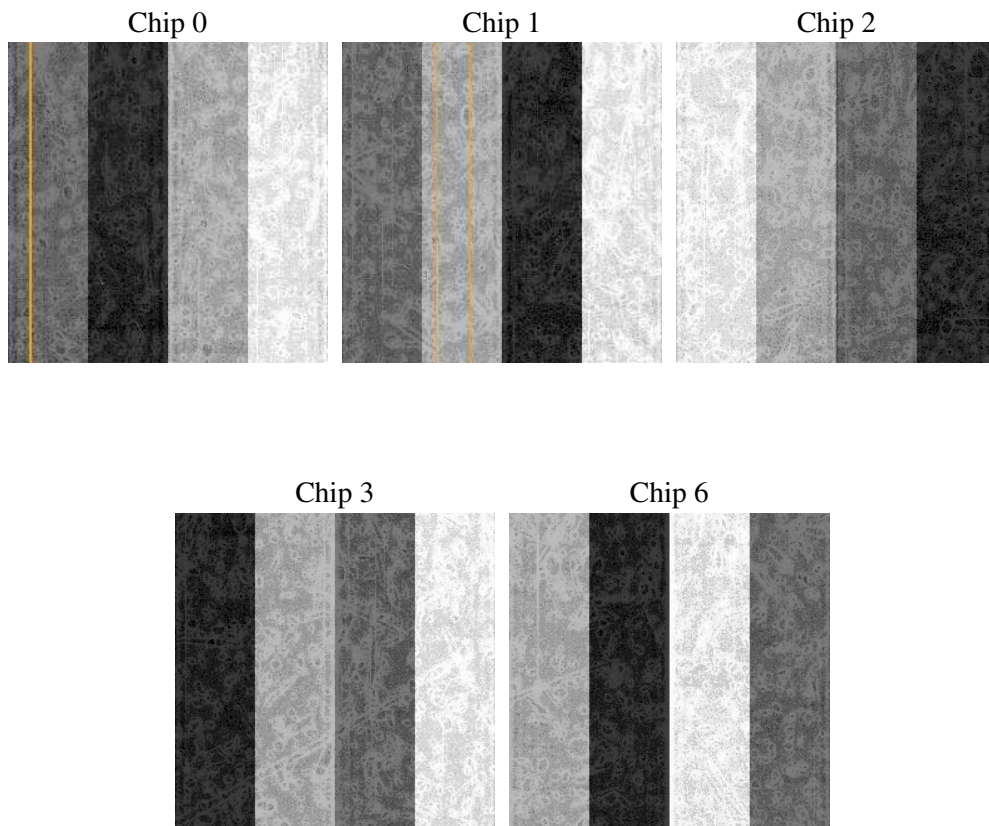
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-06-04T20:38:16
revision	2

sched_exp_time	14000.000000
ontime	14288.430235058
ontime0	14282.148294538
ontime1	14279.007184893
ontime2	14288.430235058
ontime3	14288.430235058
ontime6	14285.289264828
l1events	386022

2.1.4 Events

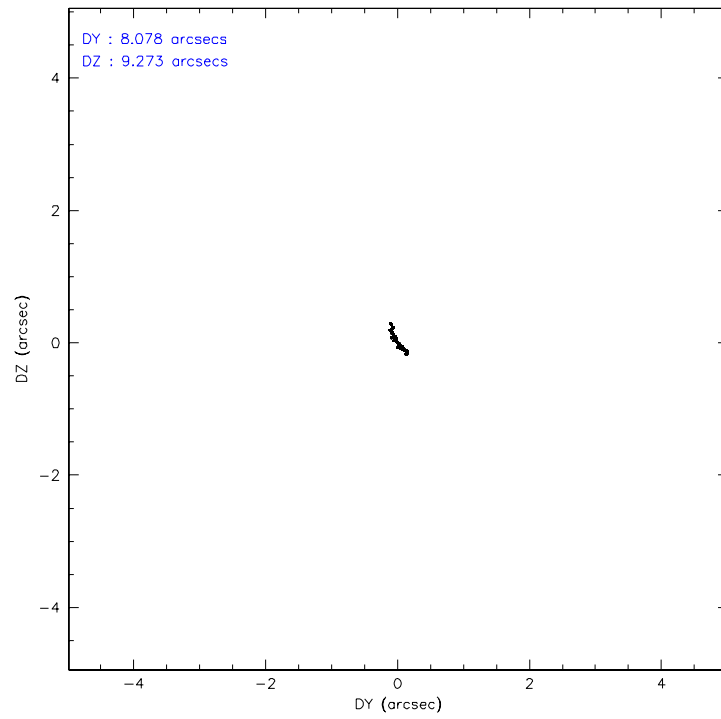
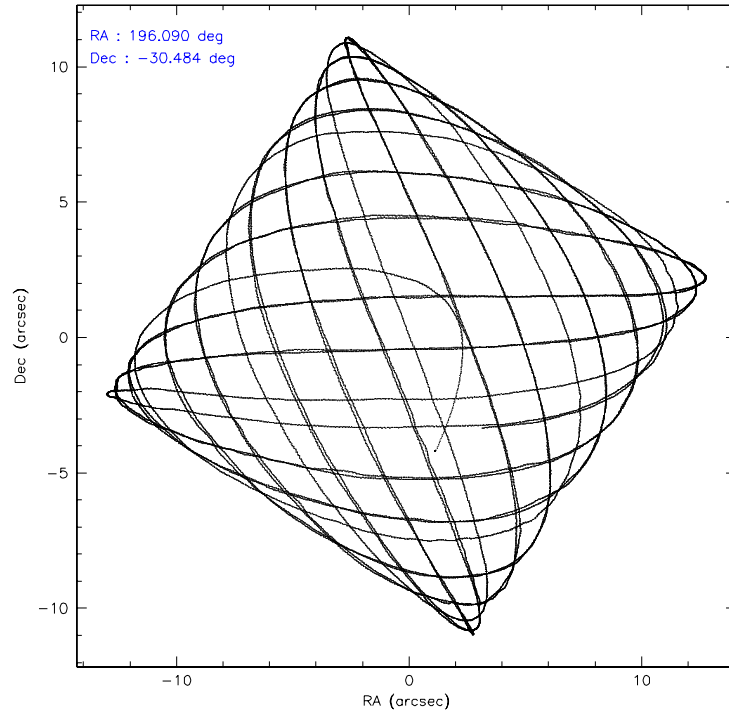
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	72593	76727	80661	77235	78806
rejected events	64184	65022	72710	69572	70890
rejected %	88%	84%	90%	90%	89%

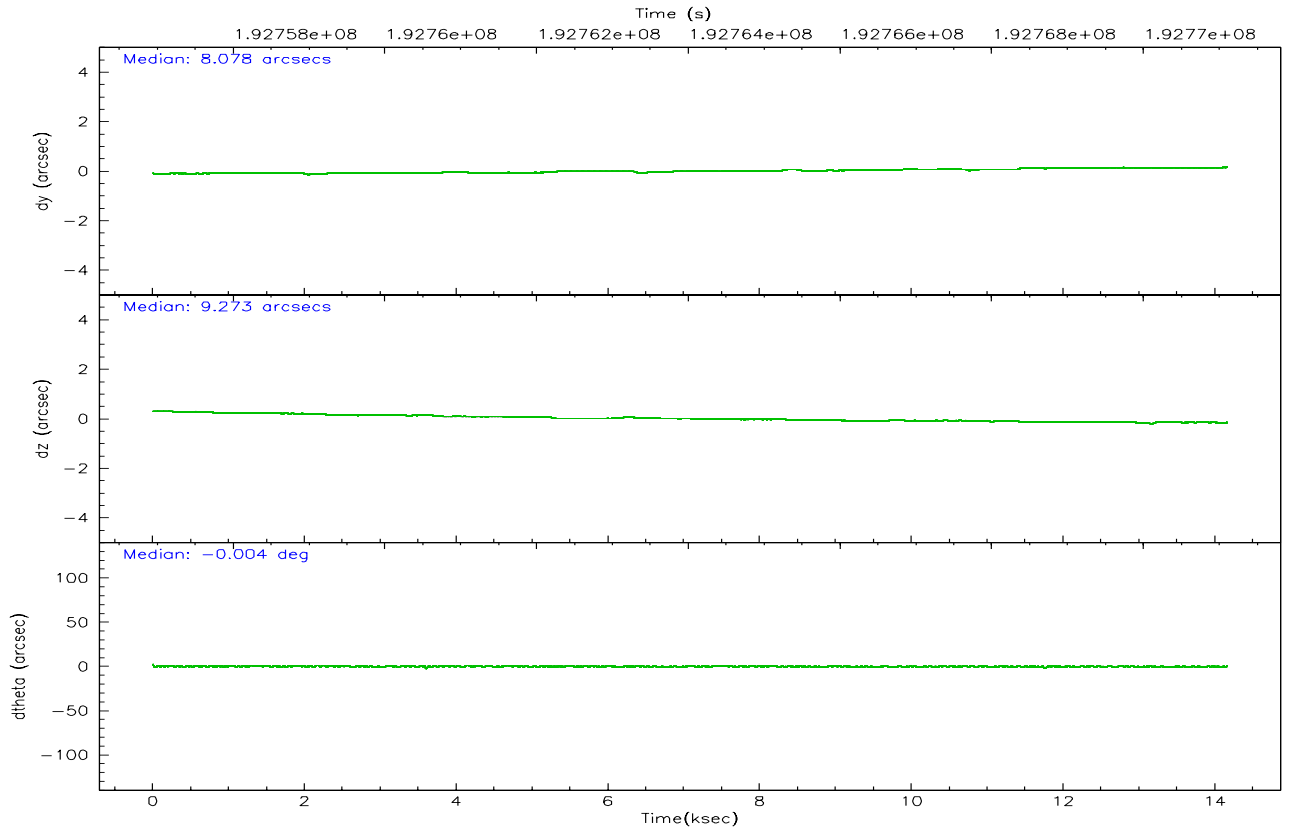
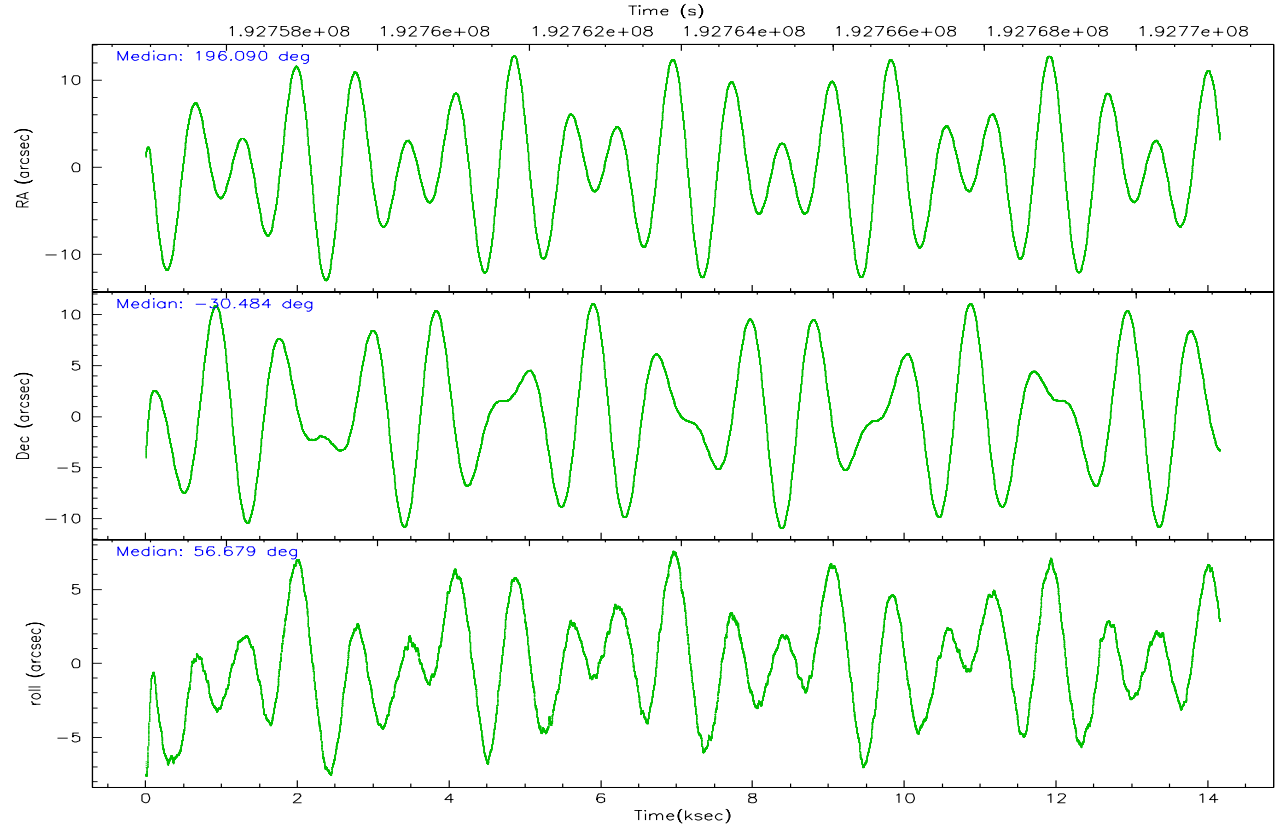
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	3323	6018	3150	3010	2840
	4%	7%	3%	3%	3%
grade 1 events	47	35	38	39	38
	0%	0%	0%	0%	0%
grade 2 events	1841	2127	1796	1610	1716
	2%	2%	2%	2%	2%
grade 3 events	937	1009	854	841	946
	1%	1%	1%	1%	1%
grade 4 events	886	978	858	826	832
	1%	1%	1%	1%	1%
grade 5 events	2765	2913	2624	3080	2982
	3%	3%	3%	3%	3%
grade 6 events	1504	1708	1372	1446	1674
	2%	2%	1%	1%	2%
grade 7 events	61290	61939	69969	66383	67778
	84%	80%	86%	85%	86%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	196.088146	196.0898416414461	Alternating exposures requested	N	N
Pointing Dec	-30.511542	-30.48419981995726	Primary exposure time	0.000000	3.1
Pointing Roll	56.476299	56.6858340297191			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-247.592463	-247.5871420599148			
SIM translation stage offset (mm)	14	13.9946890569851			
Observation start time	192757110.184000	192756066.0861			
Observation start date	2004-02-09T23:37:26	2004-02-09T23:21:06			
Observation end time	192771110.184000	192771702.97428			
Observation end date	2004-02-10T03:30:46	2004-02-10T03:41:42			
Read mode	TIMED	TIMED			

2.3 Aspect



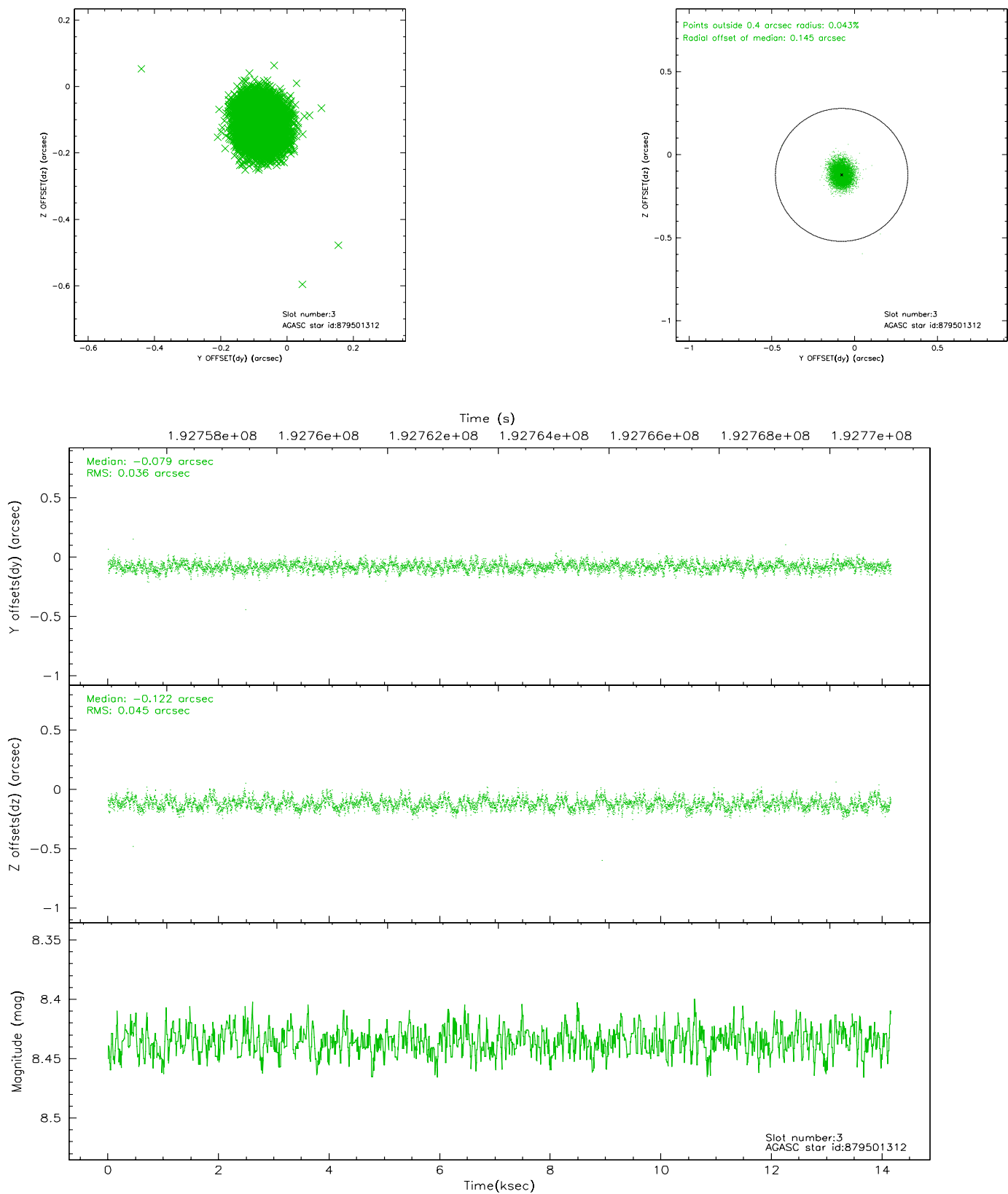


Slot Statistics

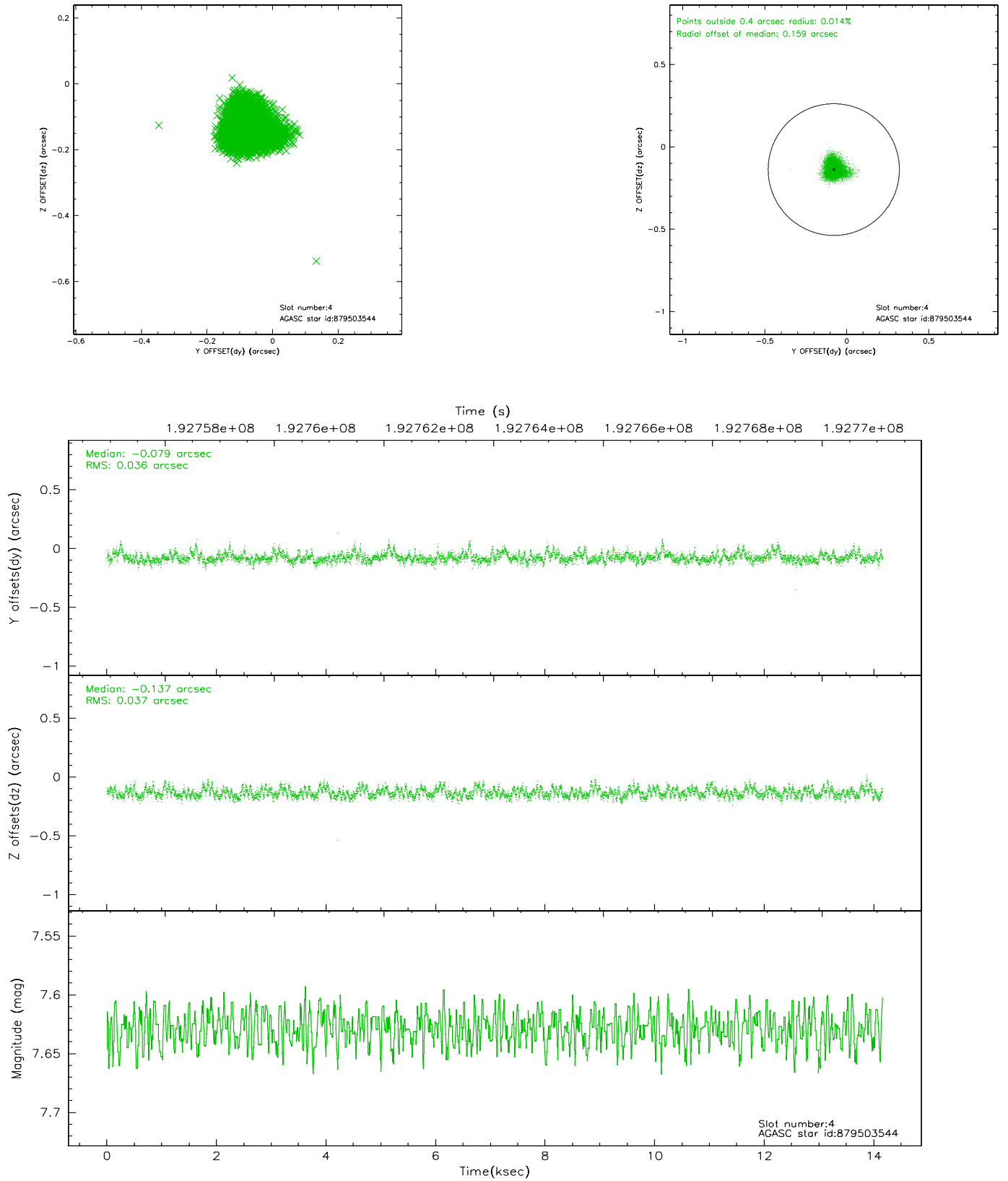
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.31	3454	-0.070	0.173	0.006	0.011	0.000000	0.000000	931.78	-544.95
1	FID	ACIS-I-5	7.23	3454	-0.040	0.012	0.006	0.011	0.000000	0.000000	-1816.19	1352.18
2	FID	ACIS-I-6	7.23	3454	0.019	-0.116	0.007	0.011	0.000000	0.000000	396.96	1997.01
3	GUIDE	879501312	8.44	6908	-0.079	-0.122	0.061	0.098	195.864202	-29.858892	1571.76	1880.21
4	GUIDE	879503544	7.63	6909	-0.079	-0.137	0.054	0.090	195.842592	-29.663414	2120.28	2327.12
5	GUIDE	950143512	7.85	6909	0.017	-0.011	0.051	0.081	195.697444	-30.338755	-153.36	1354.66
6	GUIDE	950144048	9.41	6905	0.227	-0.036	0.091	0.143	195.661768	-30.639985	-1116.75	844.25
7	GUIDE	950272152	7.93	6908	-0.090	0.302	0.076	0.119	196.912603	-30.434929	1635.58	-1985.75

2.4 Star Slots

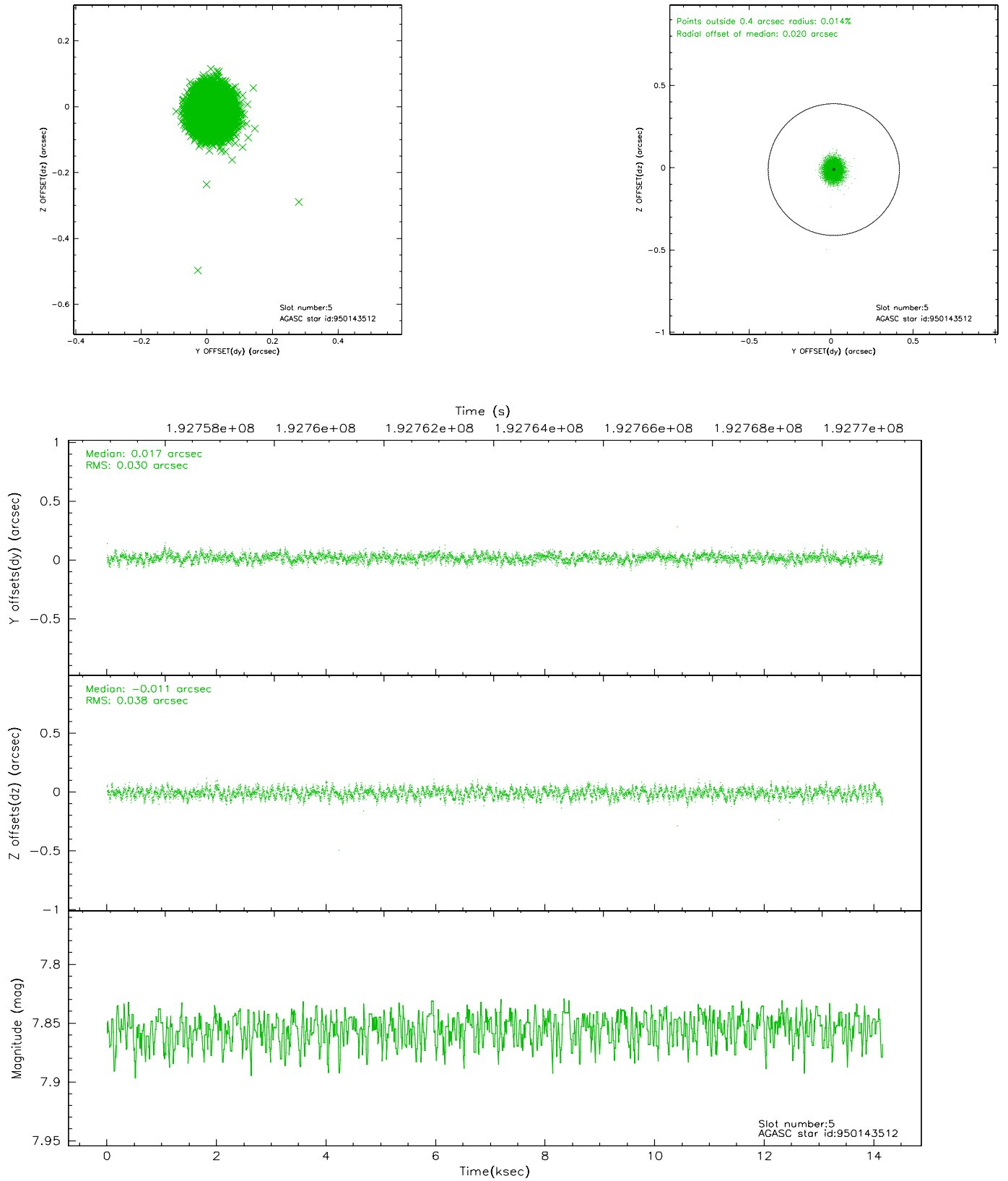
2.4.1 Slot 3



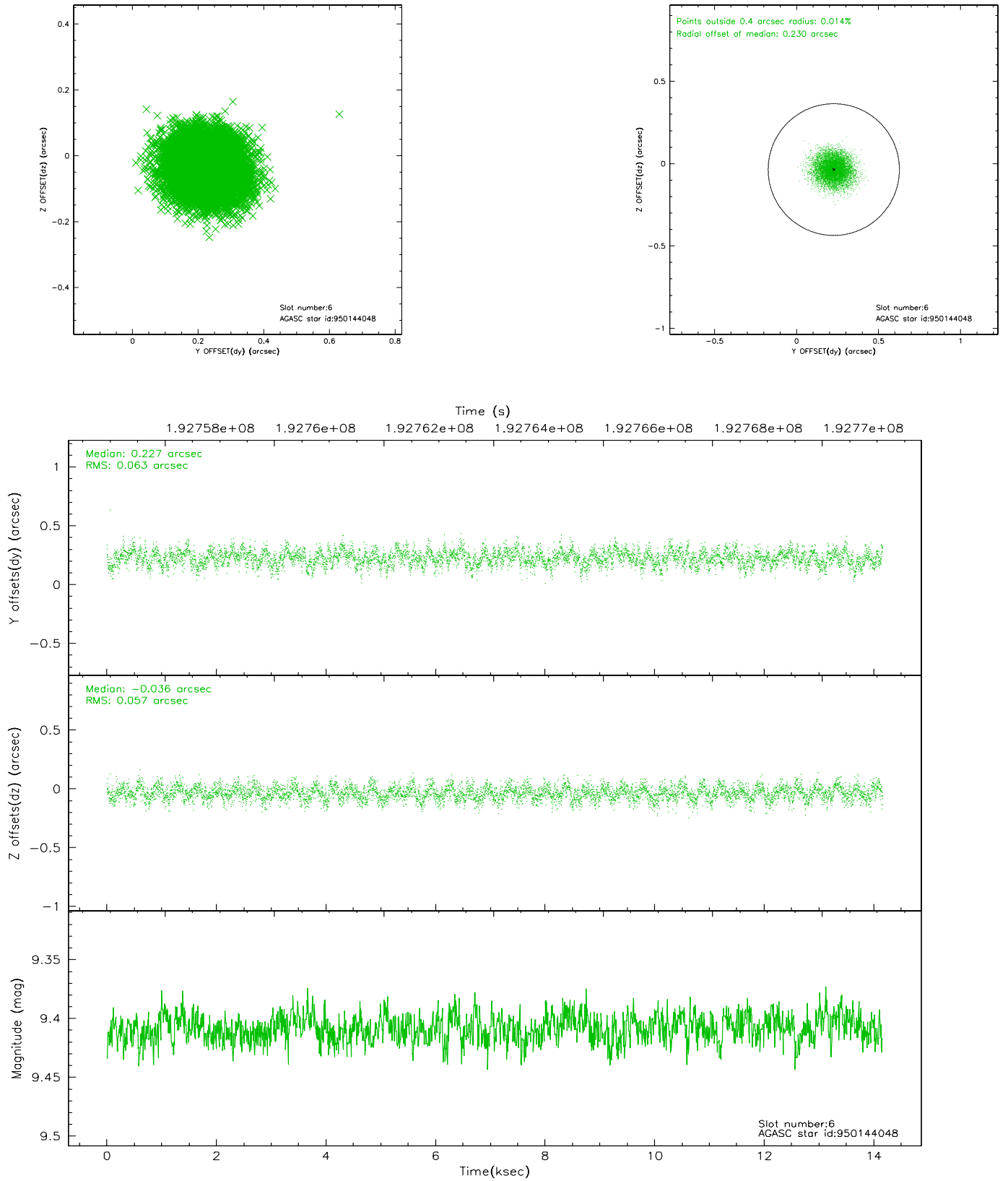
2.4.2 Slot 4



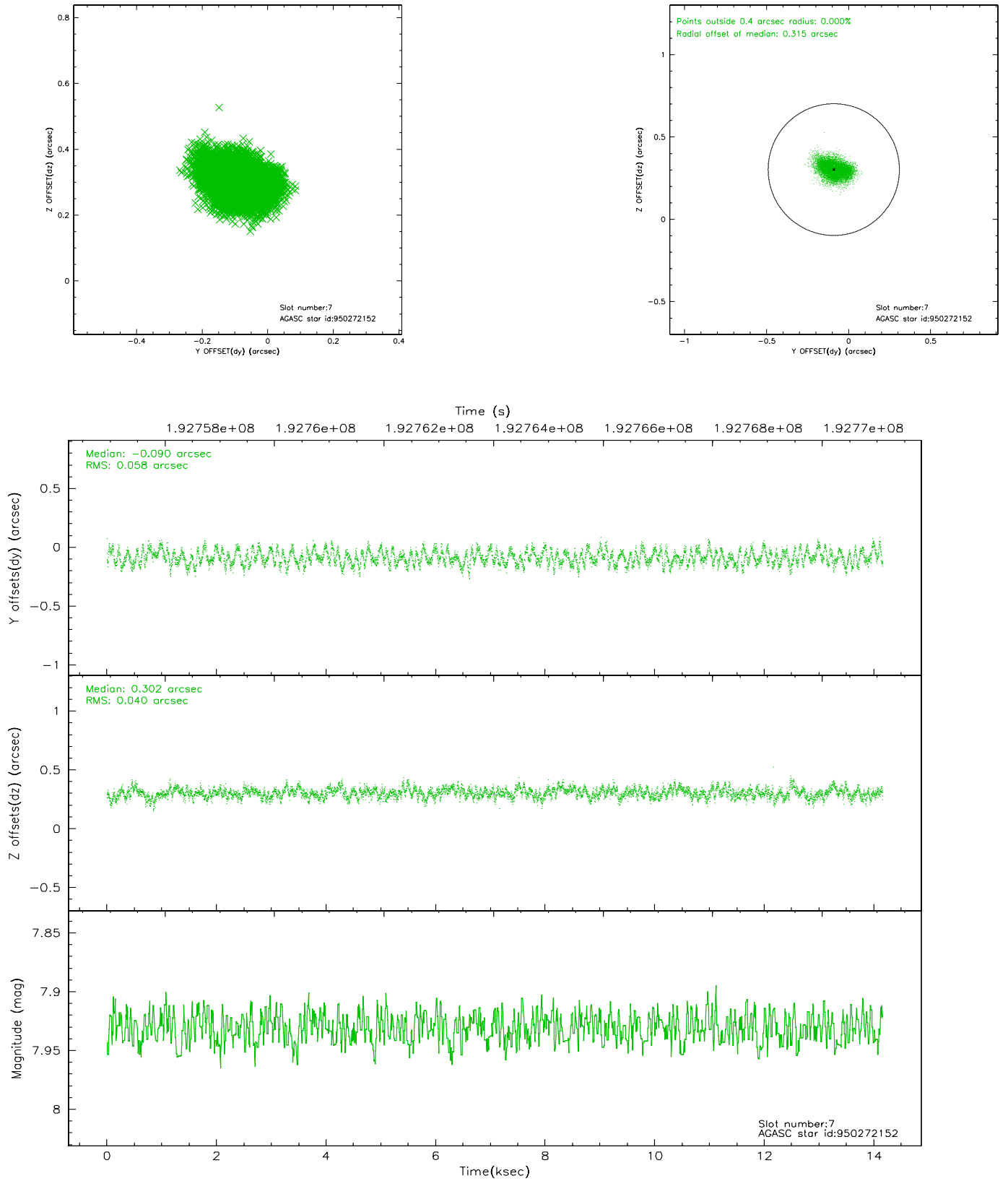
2.4.3 Slot 5



2.4.4 Slot 6

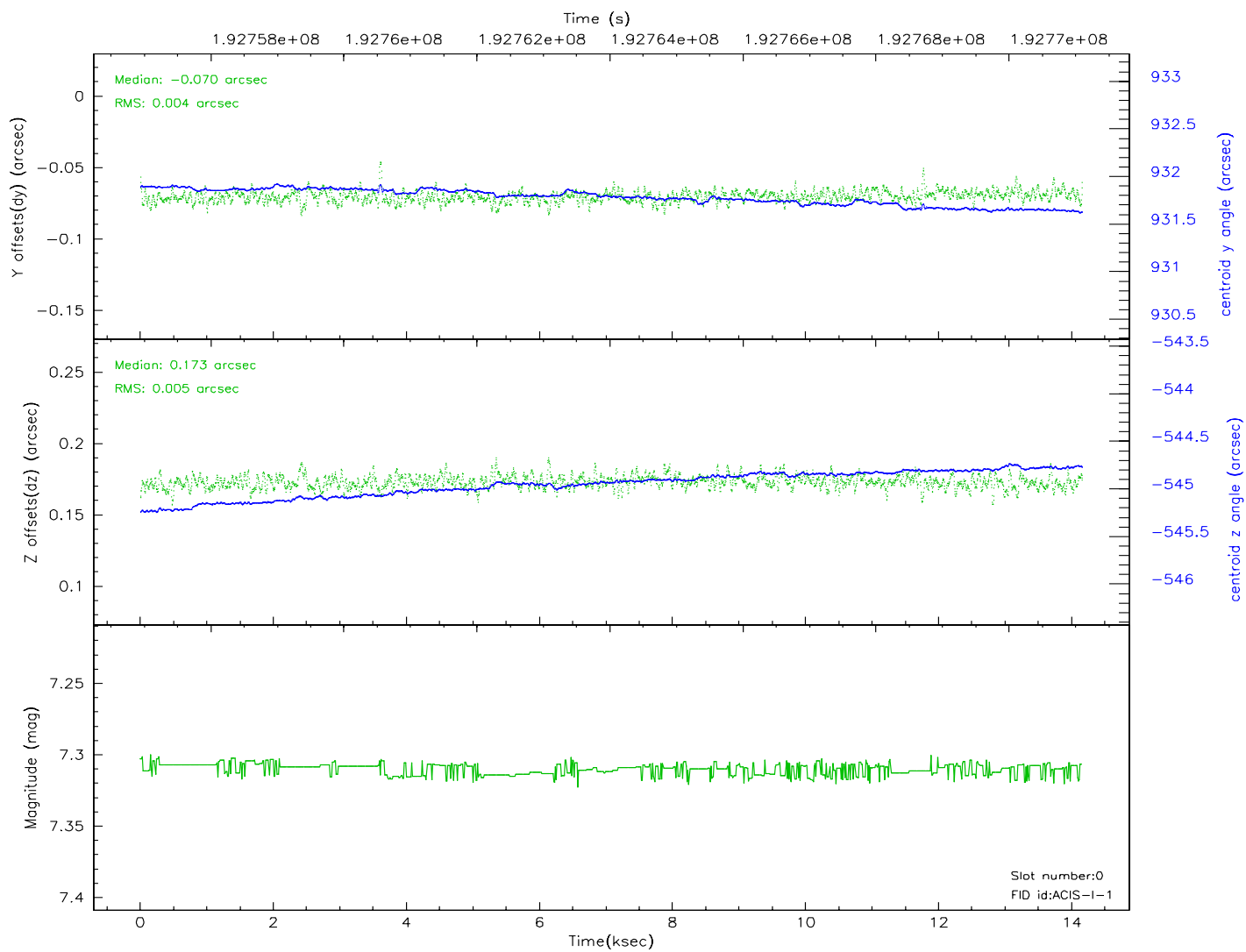
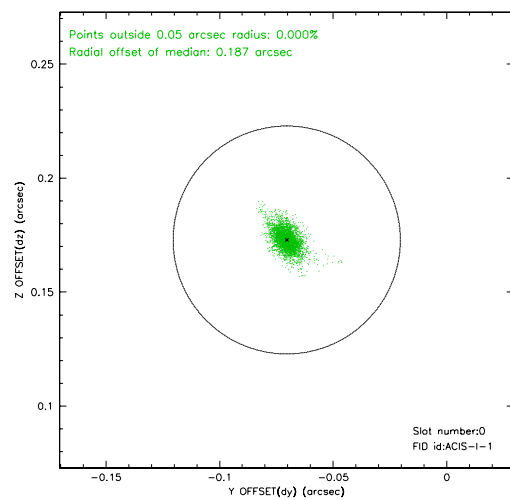
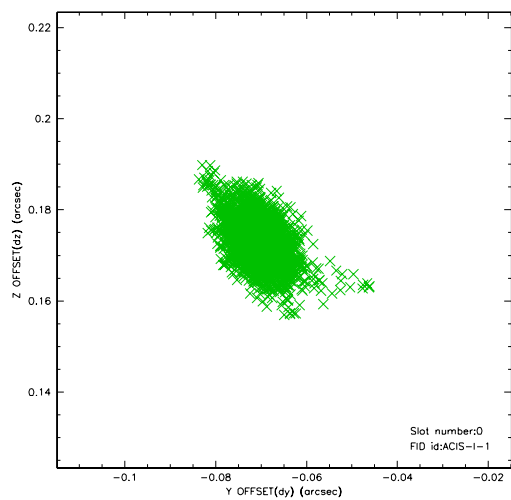


2.4.5 Slot 7

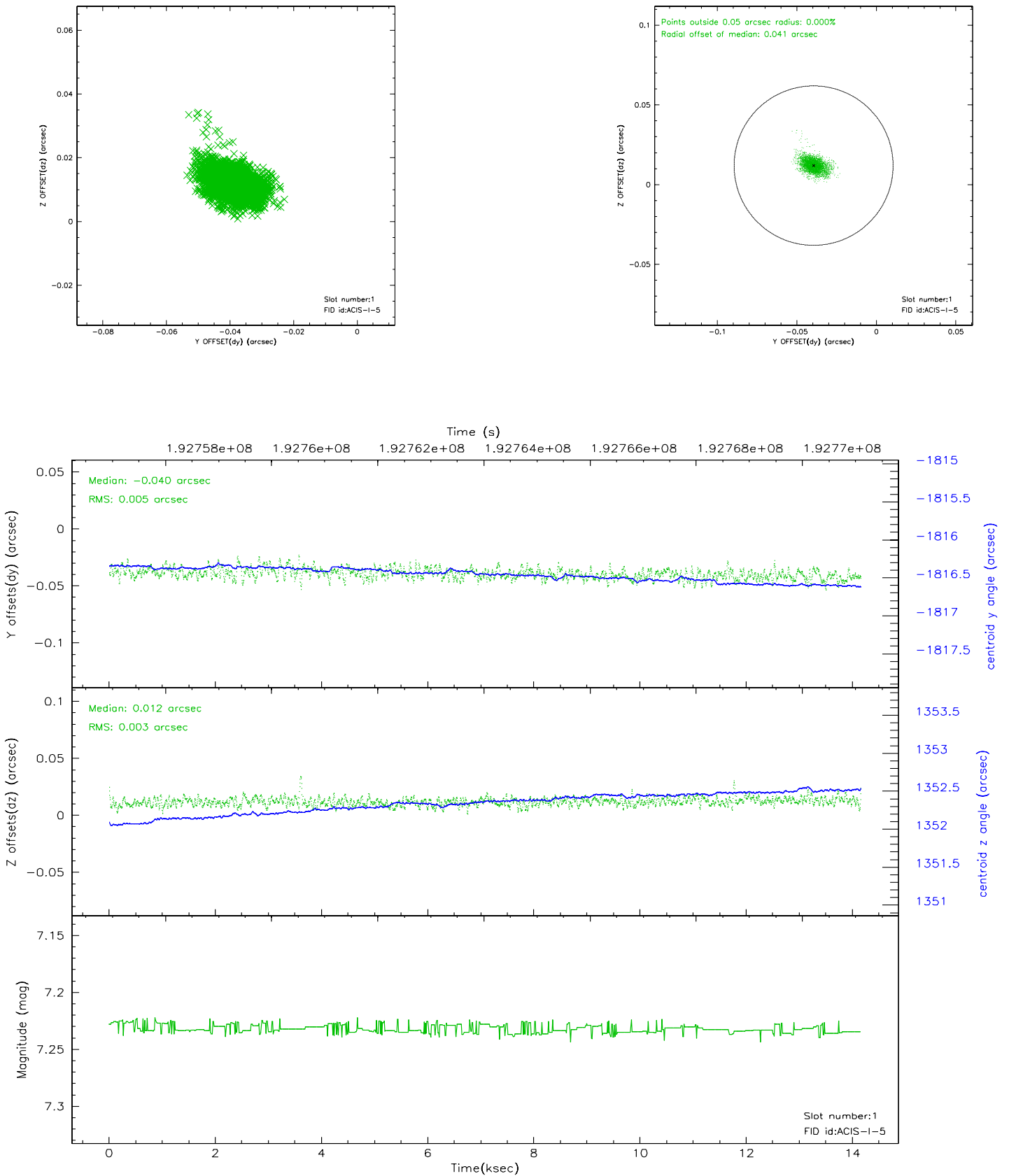


2.5 FID Slots

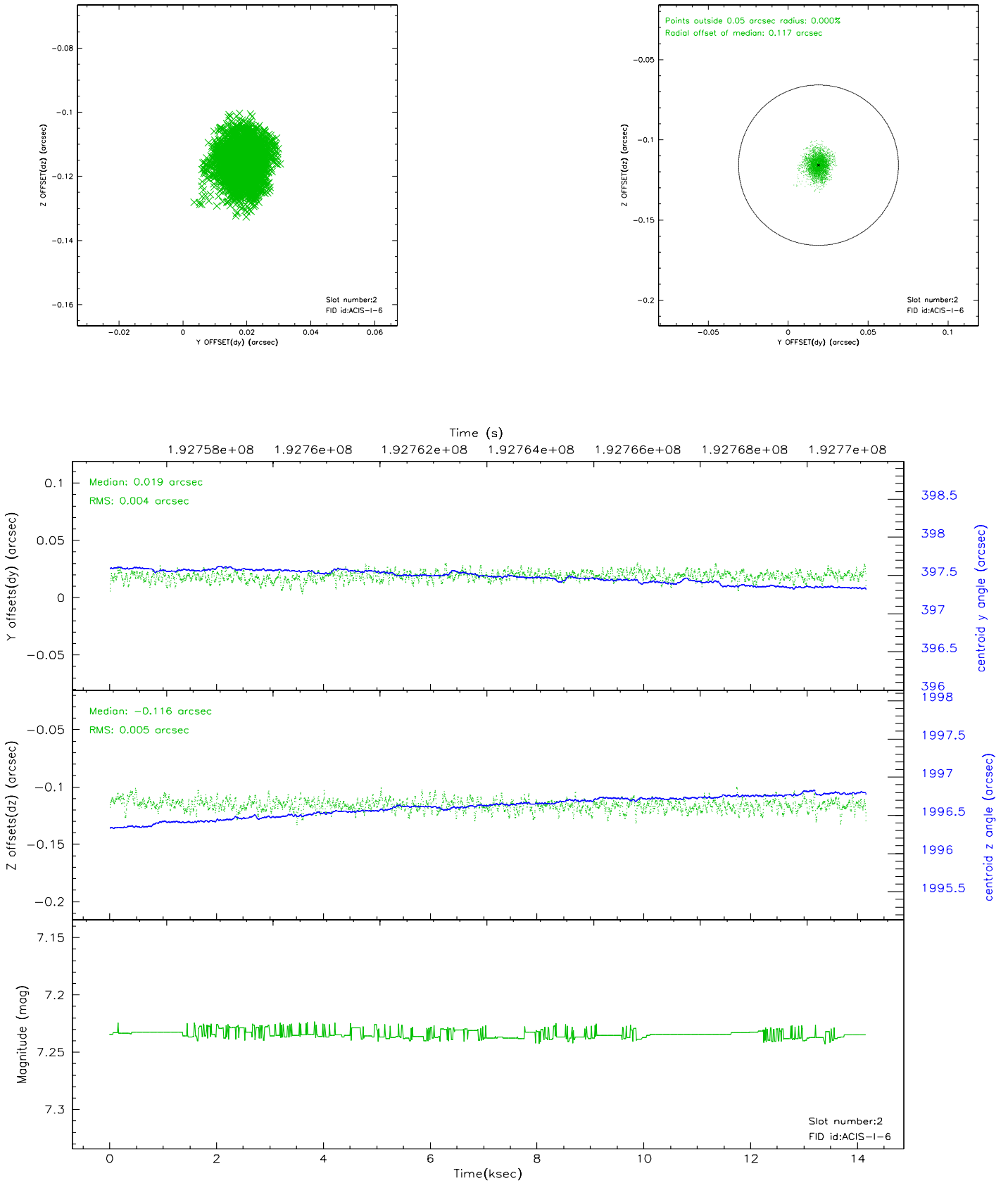
2.5.1 Slot 0



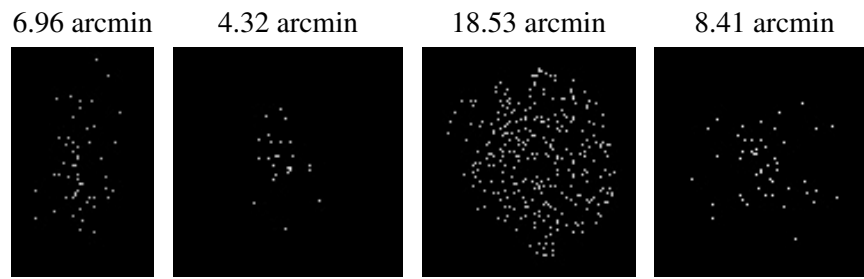
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.151

A.2 Comments