

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4998 - L2 Version 001
Chandra X-Ray Center

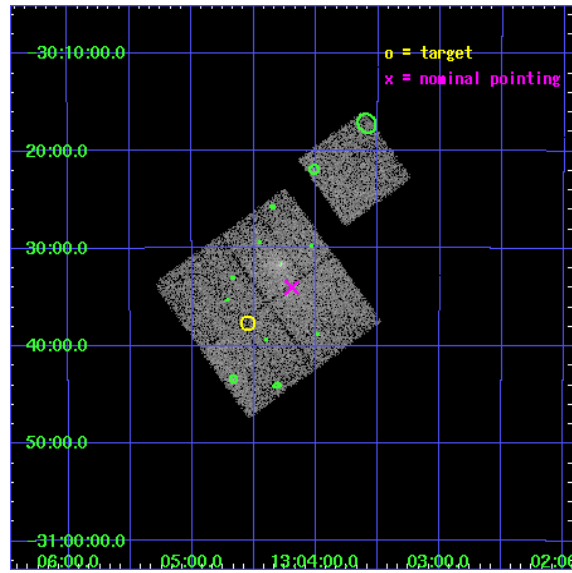
L2 Processing Date : Jun 2 2006

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1 Front

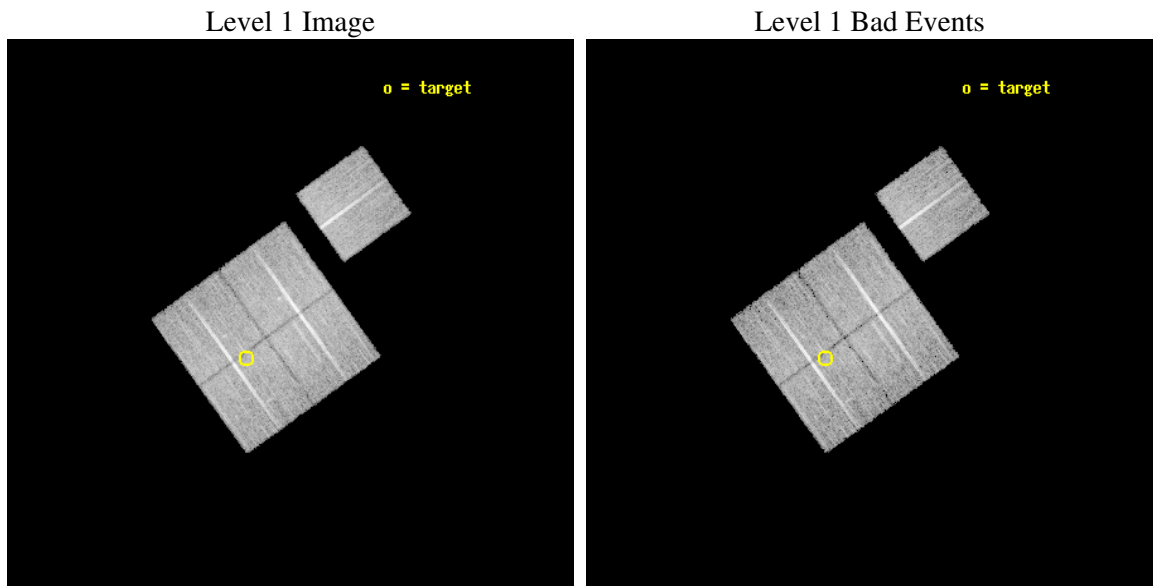
seq_num	800441
obs_id	4998
title	Study of Candidate 'Fossil Groups
observer	Dr. Stephen Murray
object	NGC4936-offset2
dtcycle	0
cycle	P
ra_targ	196.137917
dec_targ	-30.628389
ra_nom	196.04844908103
dec_nom	-30.567231172182
roll_nom	54.222901089807
revision	2
ontime	15146.559000641
livetime	14948.658056563
ontime0	15146.55897072
ontime1	15146.559000641
ontime2	15143.418020397
ontime3	15146.558980703
ontime6	15146.55897072
l2events	40794



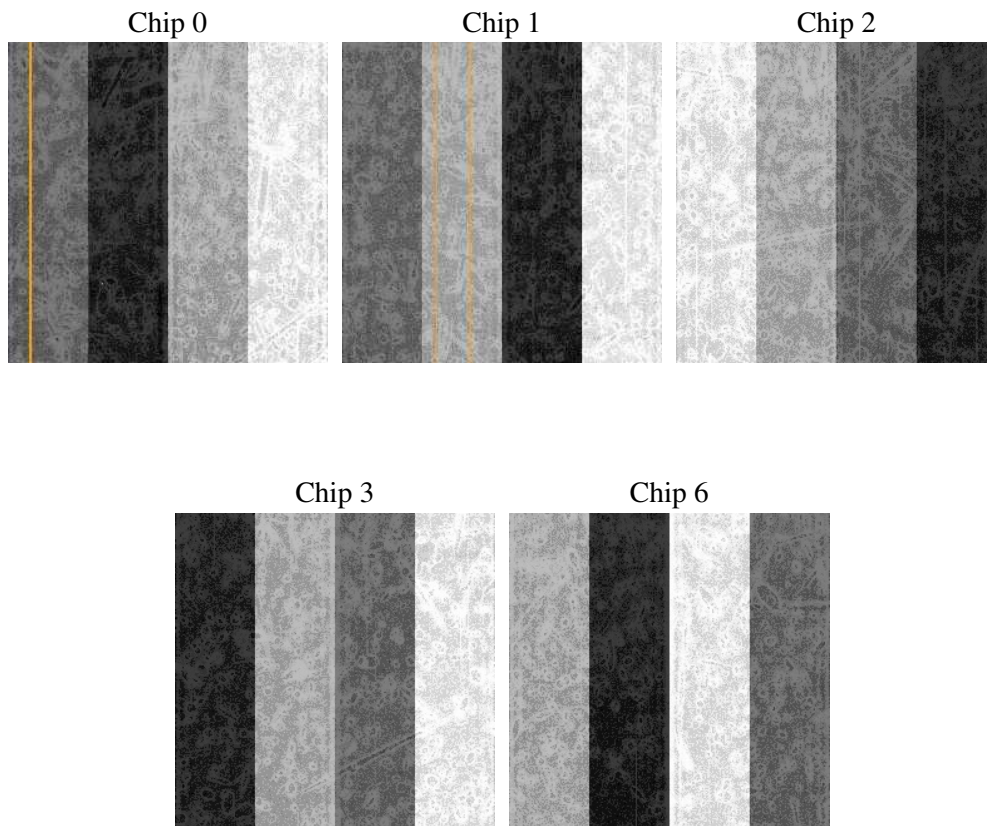
2 OBI

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	2006-06-02T11:58:29
revision	2

sched_exp_time	15000.000000
ontime	15193.041304767
ontime0	15193.041274846
ontime1	15193.041304767
ontime2	15189.900324523
ontime3	15193.041284829
ontime6	15193.041274846
l1events	404429

2.1.4 Events

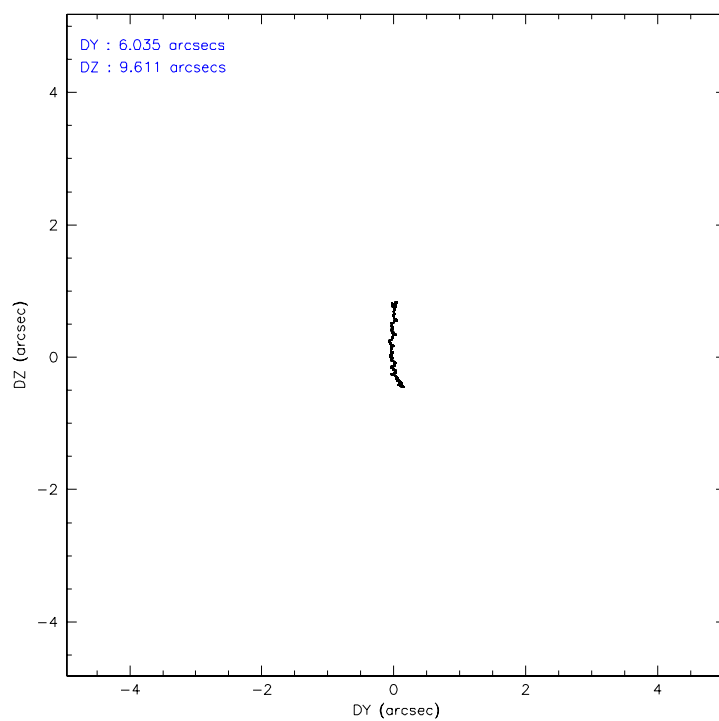
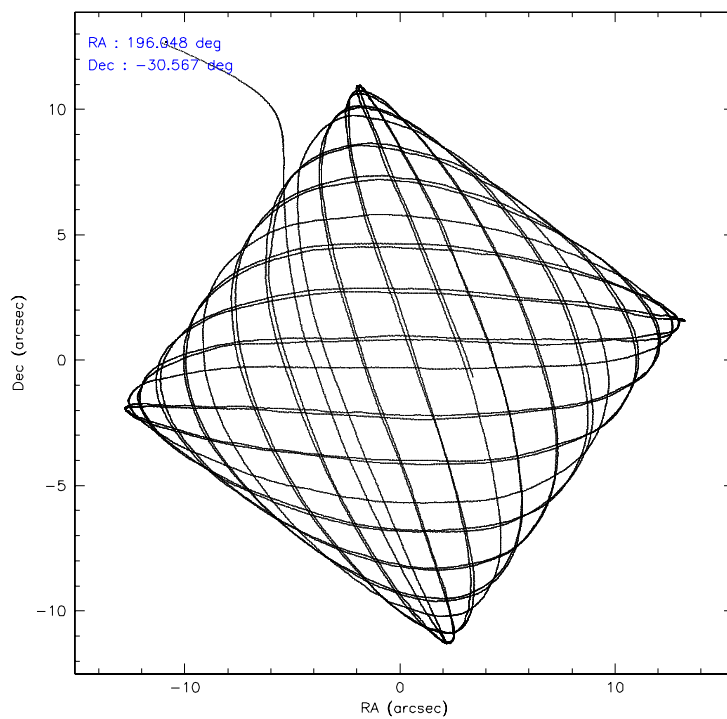
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	77386	77554	86346	82613	80530
rejected events	68361	67776	74908	73456	71753
rejected %	88%	87%	86%	88%	89%

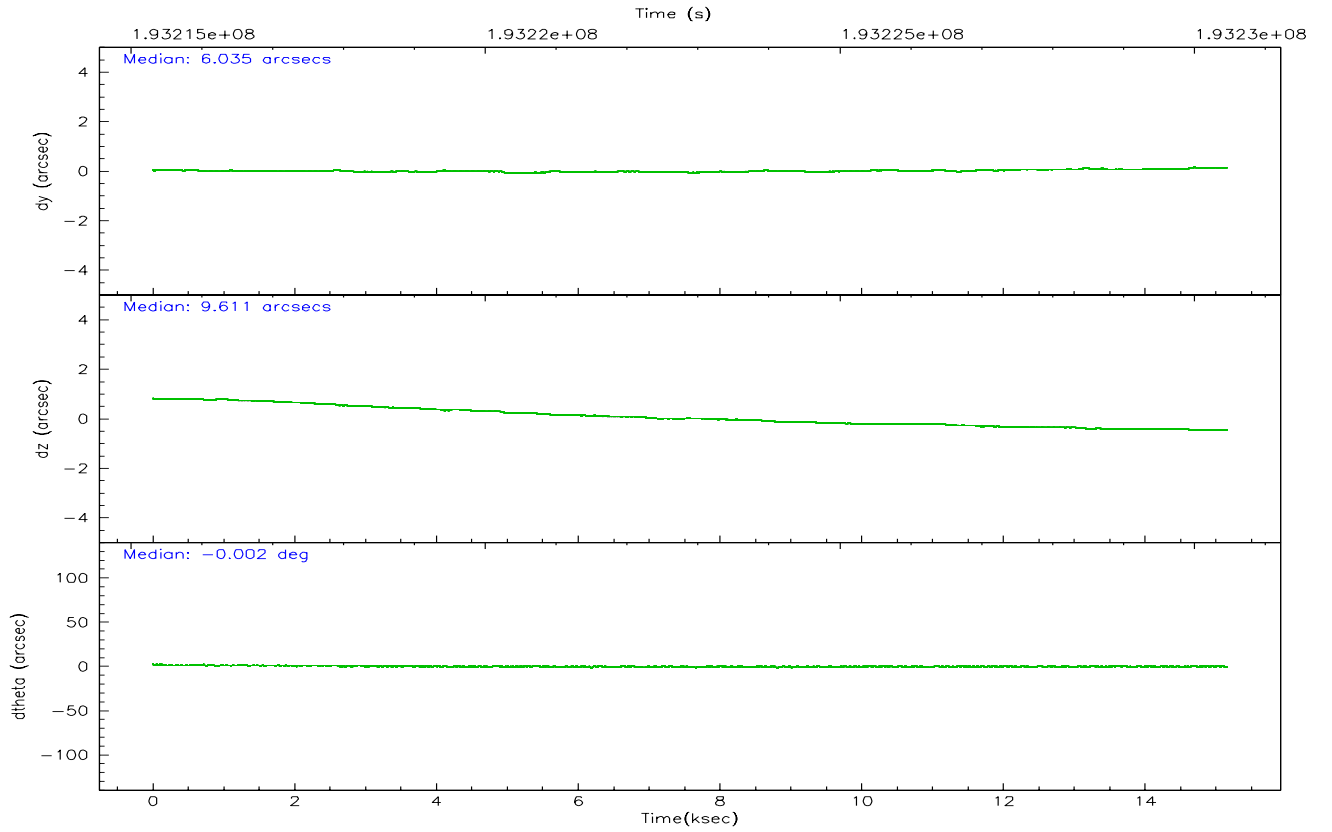
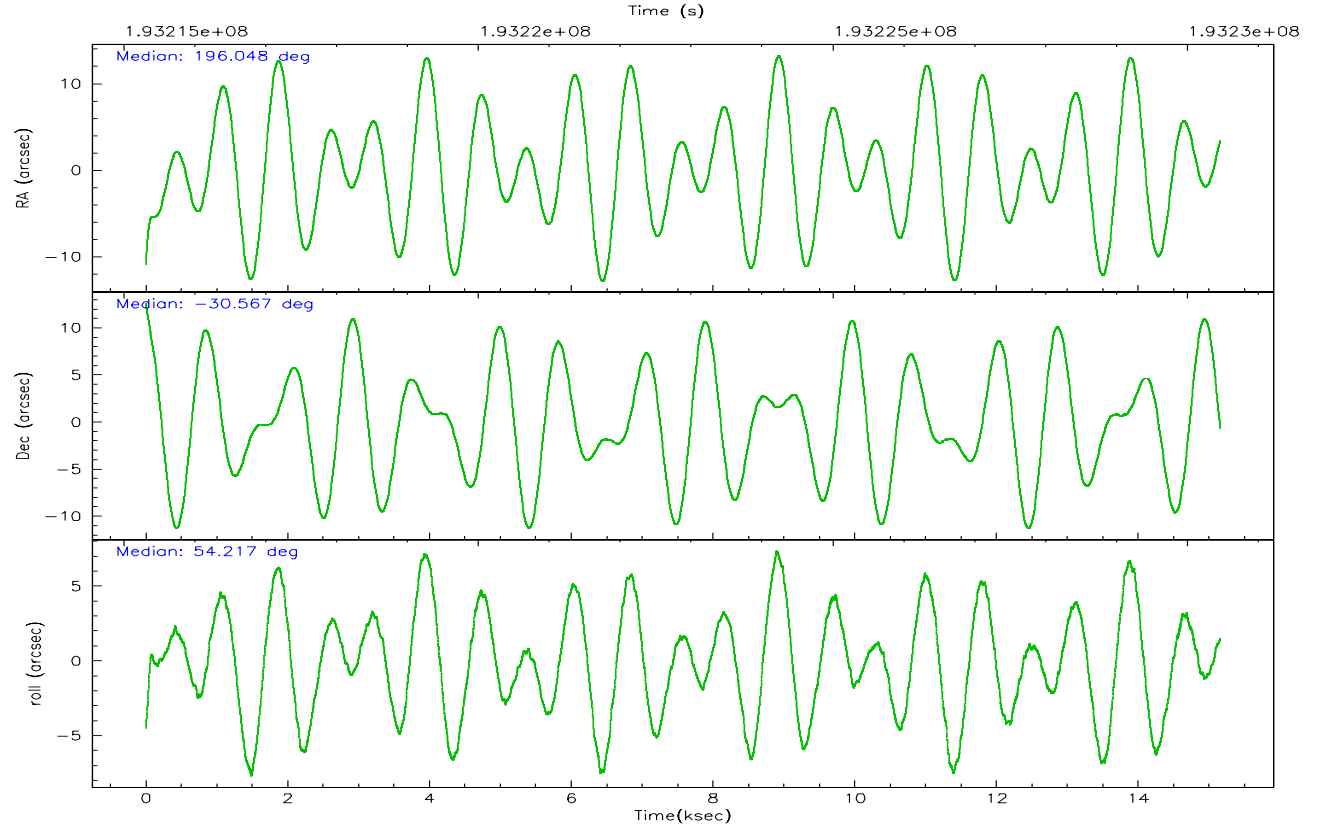
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	3457	3834	5866	4065	3341
	4%	4%	6%	4%	4%
grade 1 events	50	46	34	48	30
	0%	0%	0%	0%	0%
grade 2 events	2041	2010	2130	1686	1765
	2%	2%	2%	2%	2%
grade 3 events	1000	994	937	938	970
	1%	1%	1%	1%	1%
grade 4 events	974	1093	944	929	957
	1%	1%	1%	1%	1%
grade 5 events	2985	3177	2825	3353	3240
	3%	4%	3%	4%	4%
grade 6 events	1582	1878	1589	1560	1777
	2%	2%	1%	1%	2%
grade 7 events	65297	64522	72021	70034	68450
	84%	83%	83%	84%	84%

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	196.045407	196.0484490810274	Alternating exposures requested	N	N
Pointing Dec	-30.594509	-30.56723117218194	Primary exposure time	0.000000	3.1
Pointing Roll	54.012671	54.222901089807			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-226.592463	-226.5900949765872			
SIM translation stage offset (mm)	-7	-7.002358026342478			
Observation start time	193215469.184000	193214472.75615			
Observation start date	2004-02-15T06:56:45	2004-02-15T06:41:12			
Observation end time	193230469.184000	193231927.48191			
Observation end date	2004-02-15T11:06:45	2004-02-15T11:32:07			
Read mode	TIMED	TIMED			

2.3 Aspect



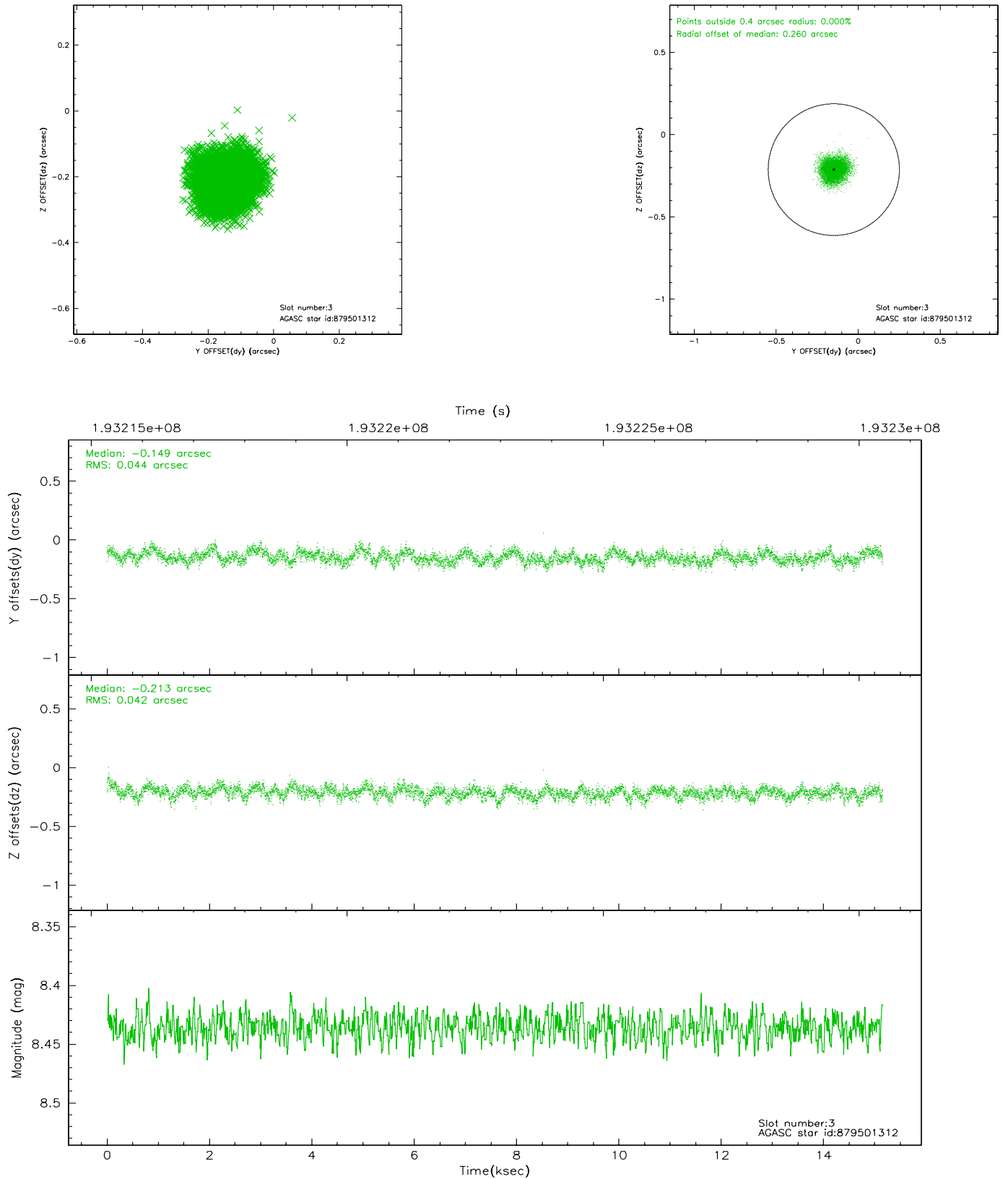


Slot Statistics

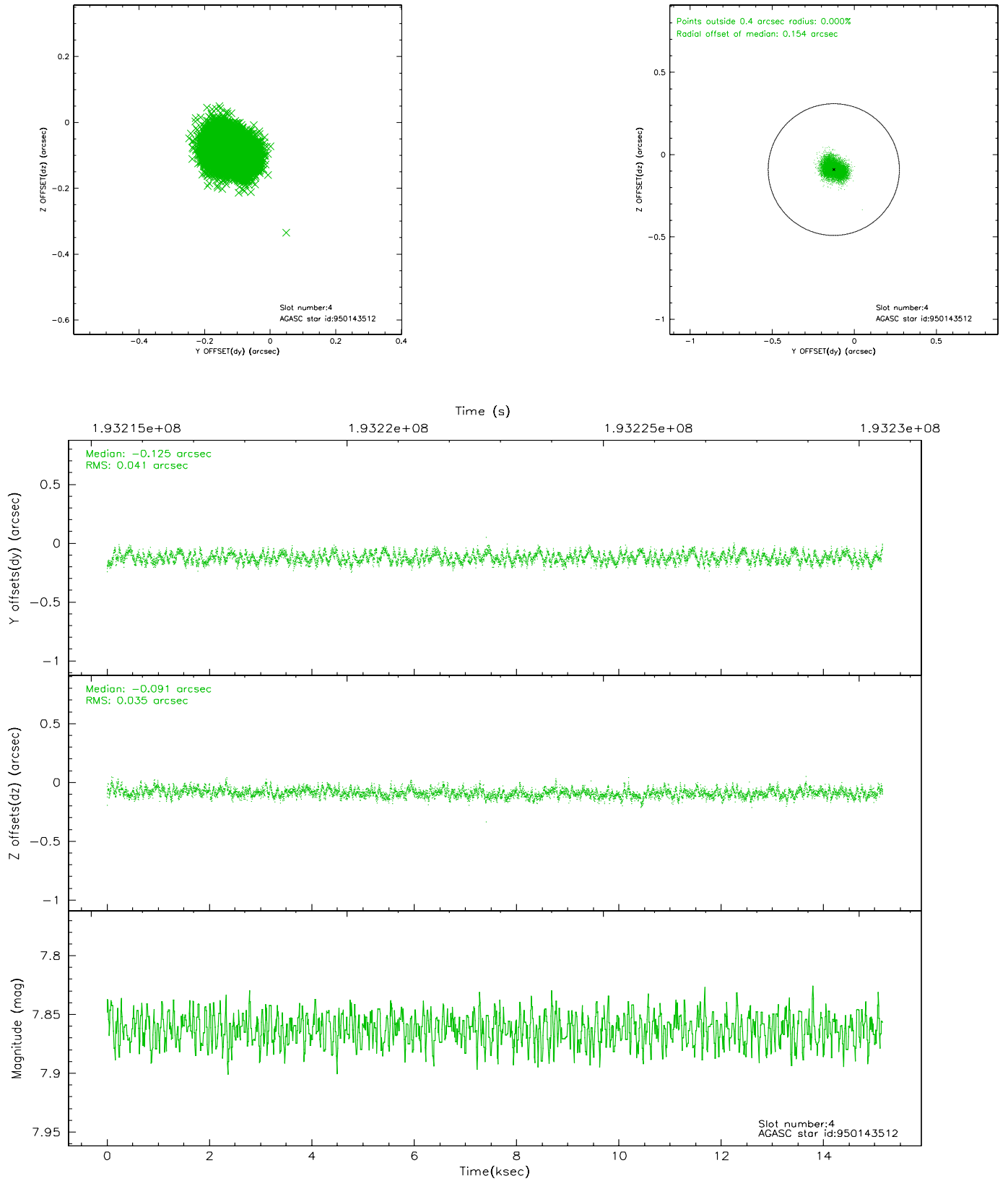
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.23	3696	0.058	0.005	0.014	0.031	0.000000	0.000000	933.59	-976.90
1	FID	ACIS-I-5	7.22	3697	-0.177	0.078	0.013	0.021	0.000000	0.000000	-1814.59	920.49
2	FID	ACIS-I-6	7.25	3697	0.029	-0.011	0.014	0.023	0.000000	0.000000	398.79	1565.24
3	GUIDE	879501312	8.44	7393	-0.149	-0.213	0.065	0.105	195.864202	-29.858892	1809.72	2013.57
4	GUIDE	950143512	7.86	7392	-0.125	-0.091	0.059	0.090	195.697444	-30.338755	108.43	1414.94
5	GUIDE	950144048	9.41	7392	0.125	-0.074	0.077	0.126	195.661768	-30.639985	-832.22	864.07
6	GUIDE	950272152	7.95	7394	-0.125	0.188	0.071	0.118	196.912603	-30.434929	2038.21	-1846.24
7	GUIDE	950272912	9.88	7390	0.271	0.190	0.105	0.169	195.859290	-31.162971	-1992.52	-739.29

2.4 Star Slots

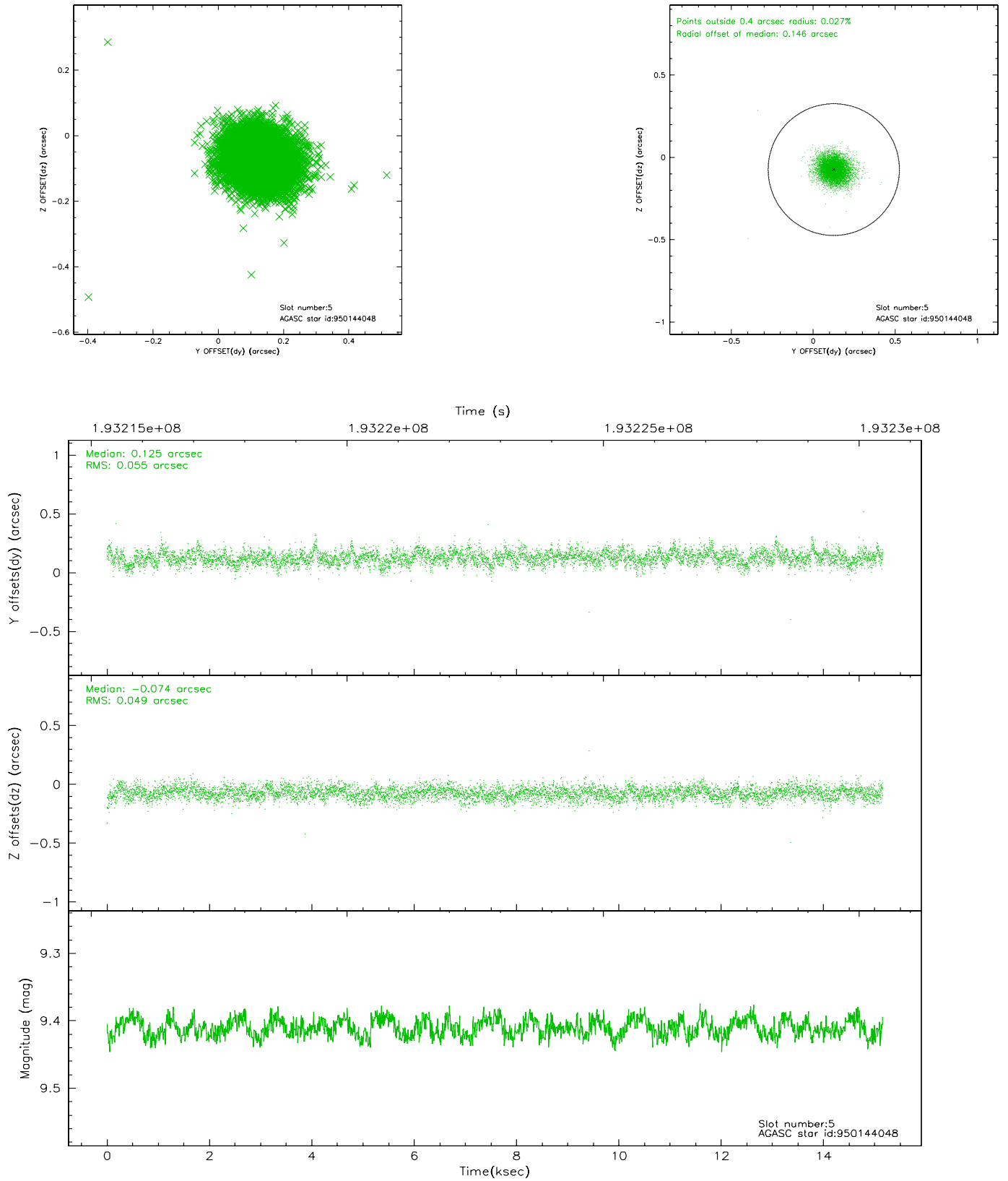
2.4.1 Slot 3



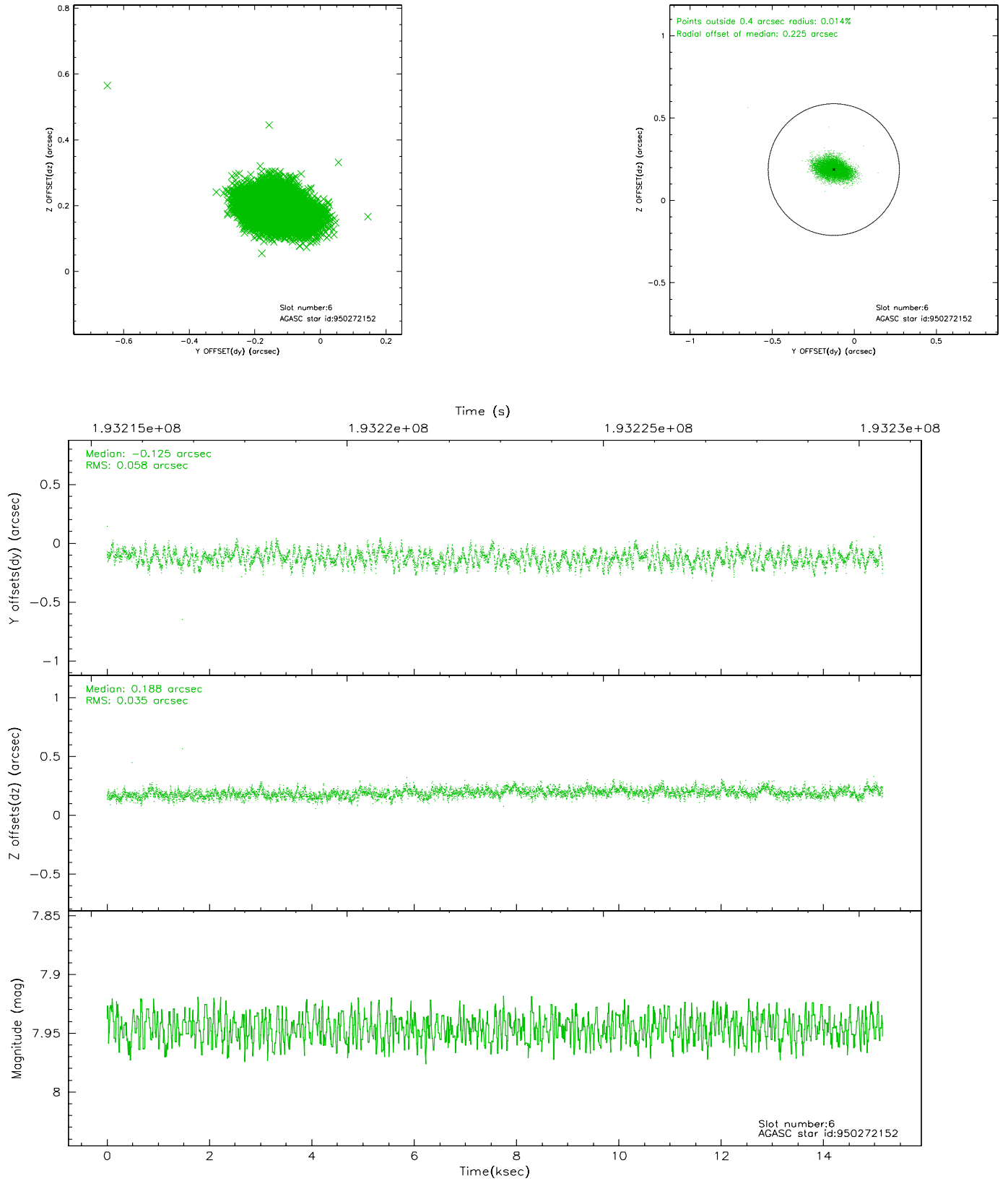
2.4.2 Slot 4



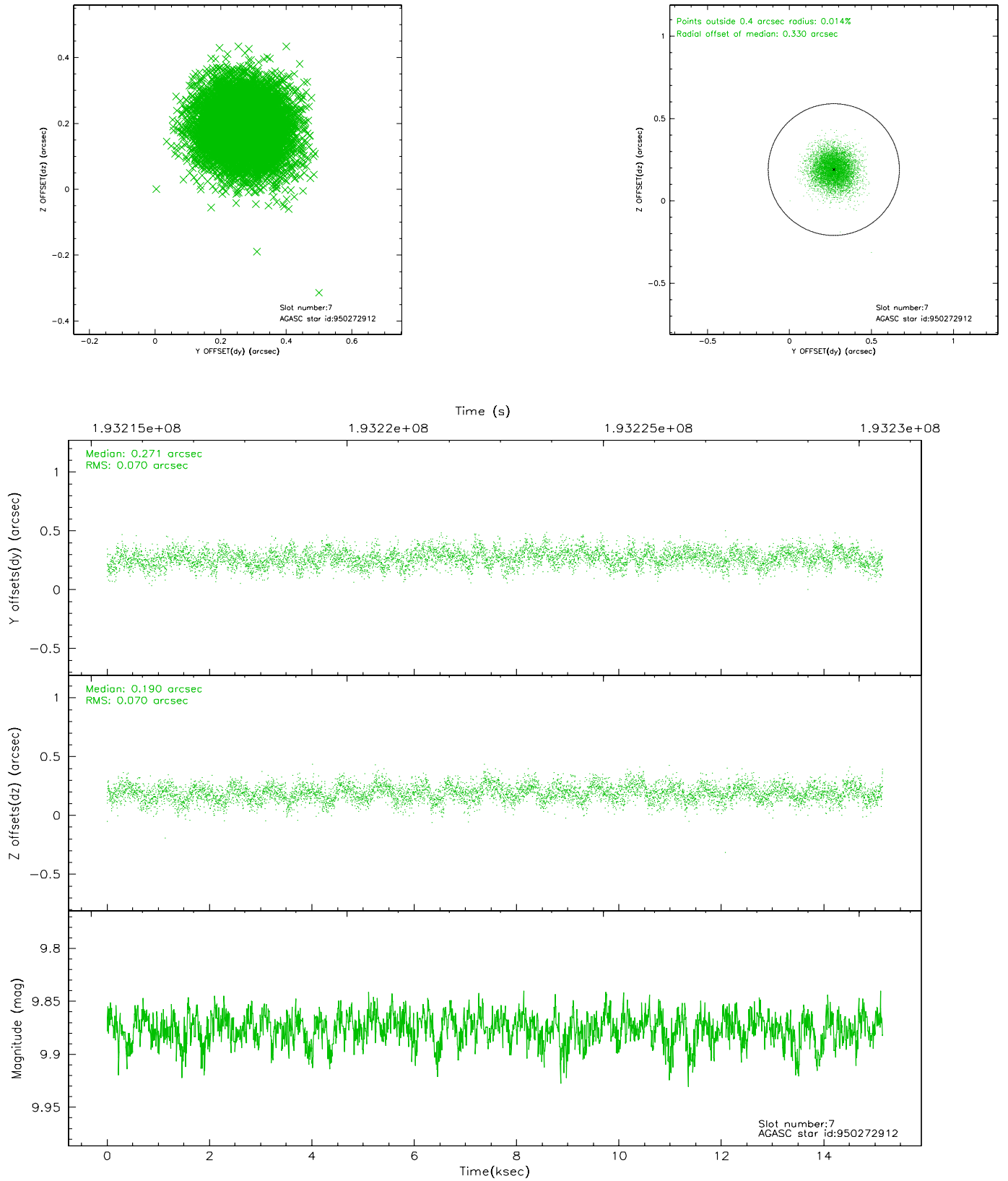
2.4.3 Slot 5



2.4.4 Slot 6

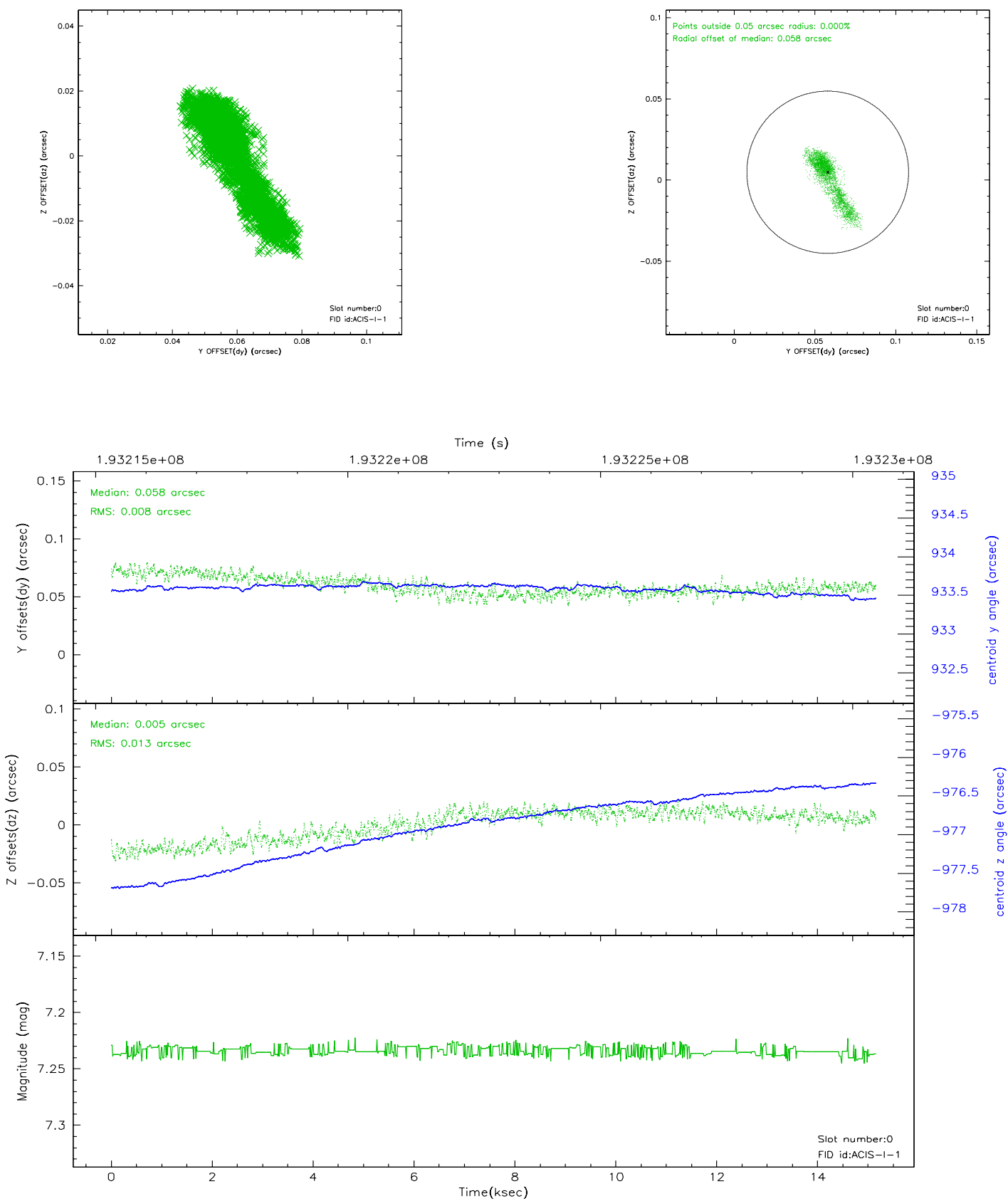


2.4.5 Slot 7

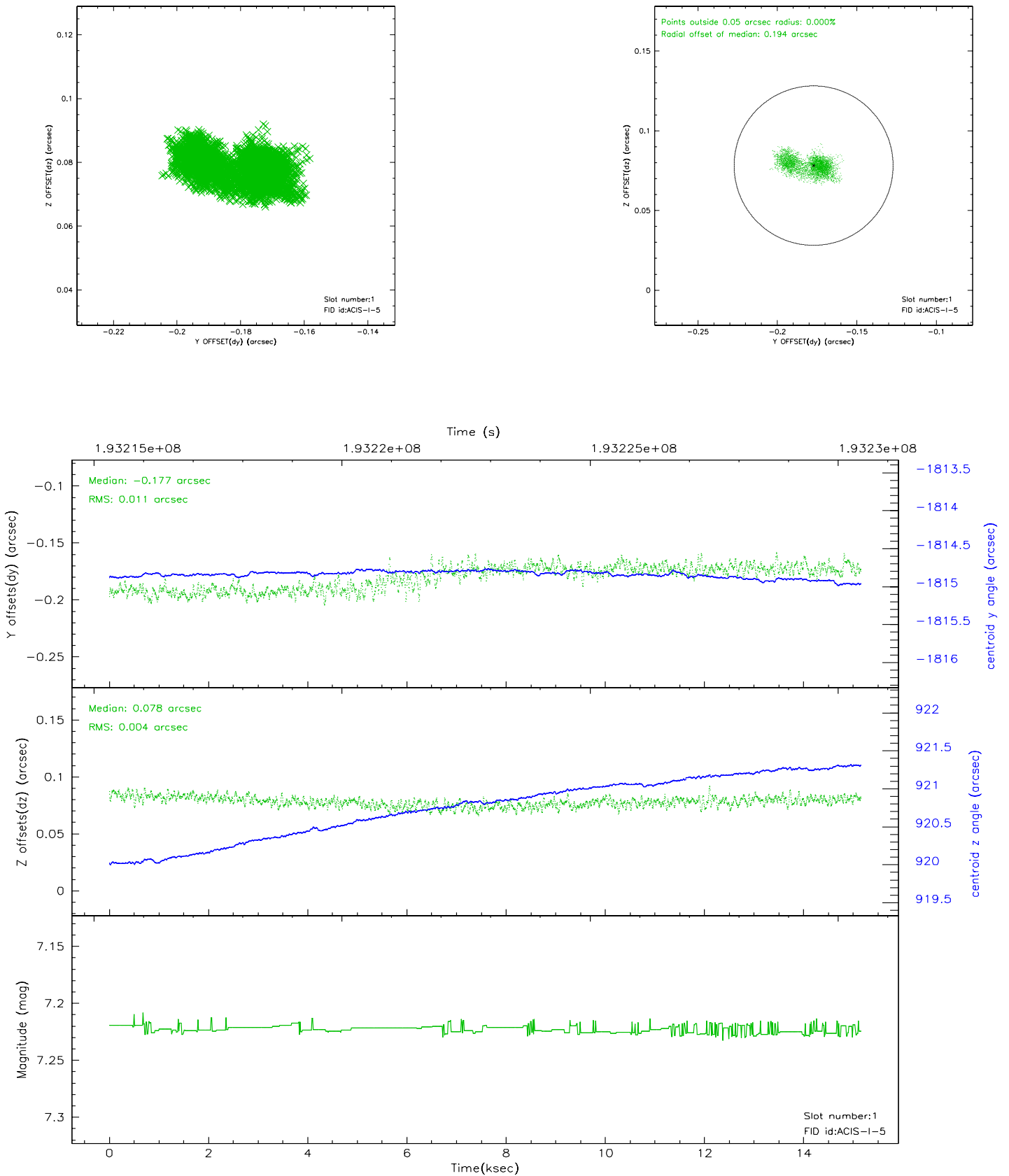


2.5 FID Slots

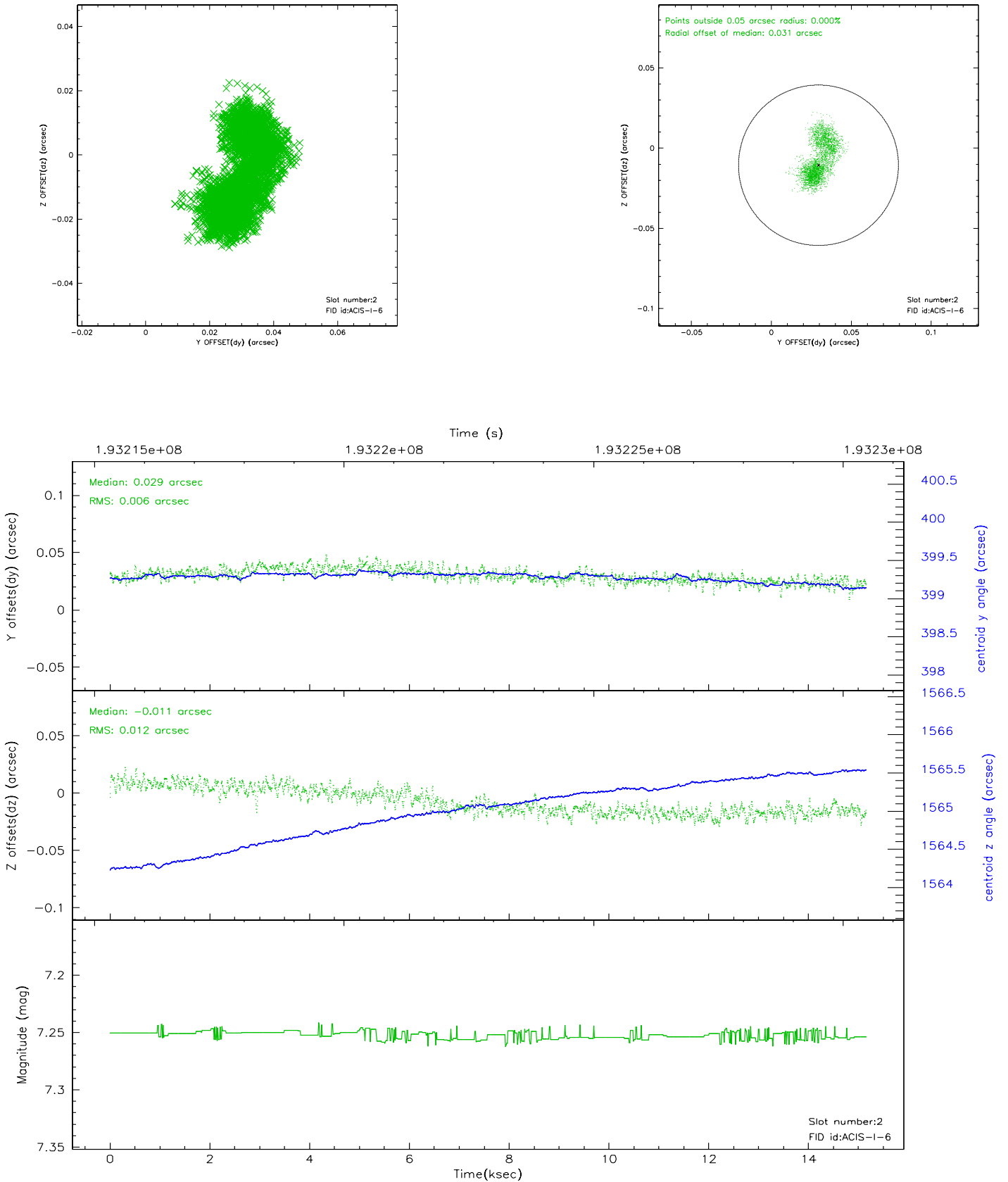
2.5.1 Slot 0



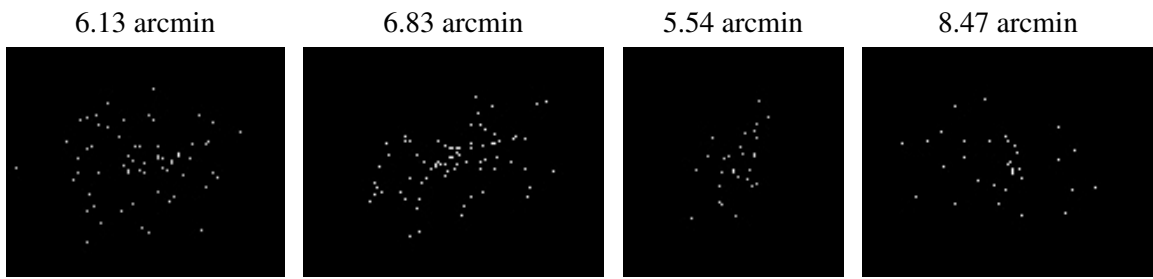
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.06.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.146

A.2 Comments