

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4056 - L2 Version 001
Chandra X-Ray Center

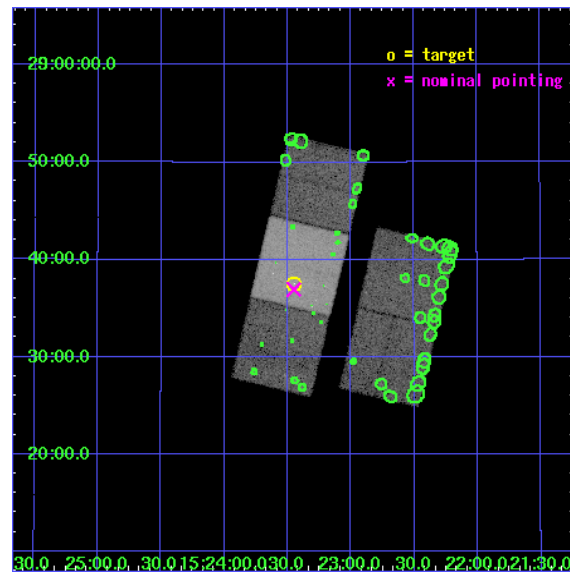
L2 Processing Date : Jul 5 2006

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1 Front

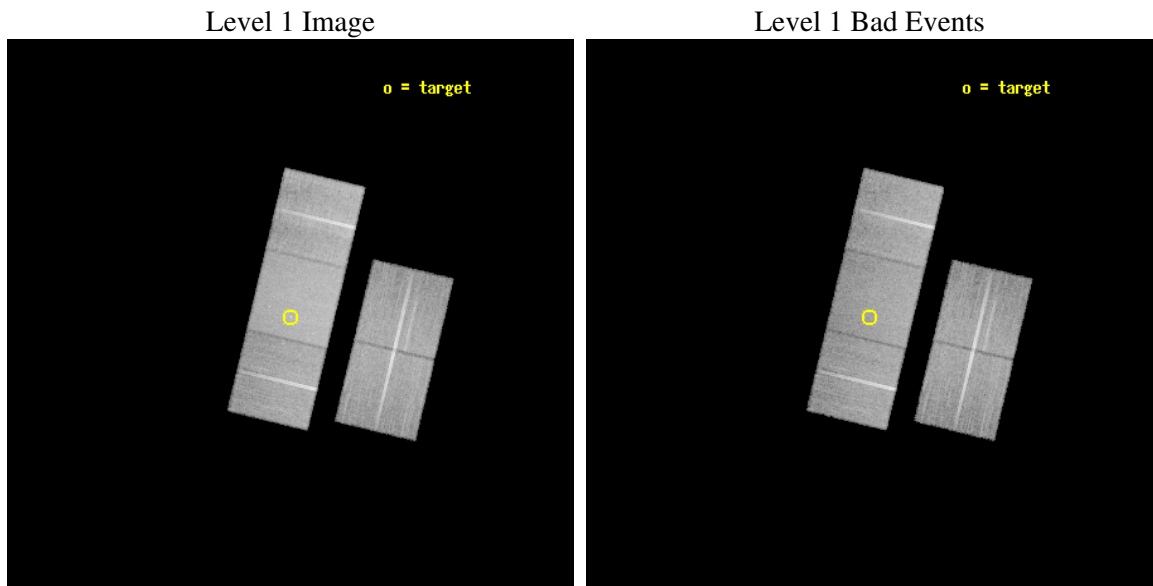
seq_num	700735
obs_id	4056
title	CHANDRA OBSERVATIONS OF A UNIFORM SAMPLE OF FRI GALAXIES
observer	Dr. Rita Sambruna
object	1521+28
dtcycle	0
cycle	P
ra_targ	230.862083
dec_targ	28.625556
ra_nom	230.86272367348
dec_nom	28.615916433891
roll_nom	283.51377743293
revision	2
ontime	29970.71802187
livetime	29579.128526792
ontime2	29970.718011886
ontime3	29973.858982116
ontime6	29976.999942362
ontime7	29970.71802187
ontime8	29976.999942362
l2events	179039



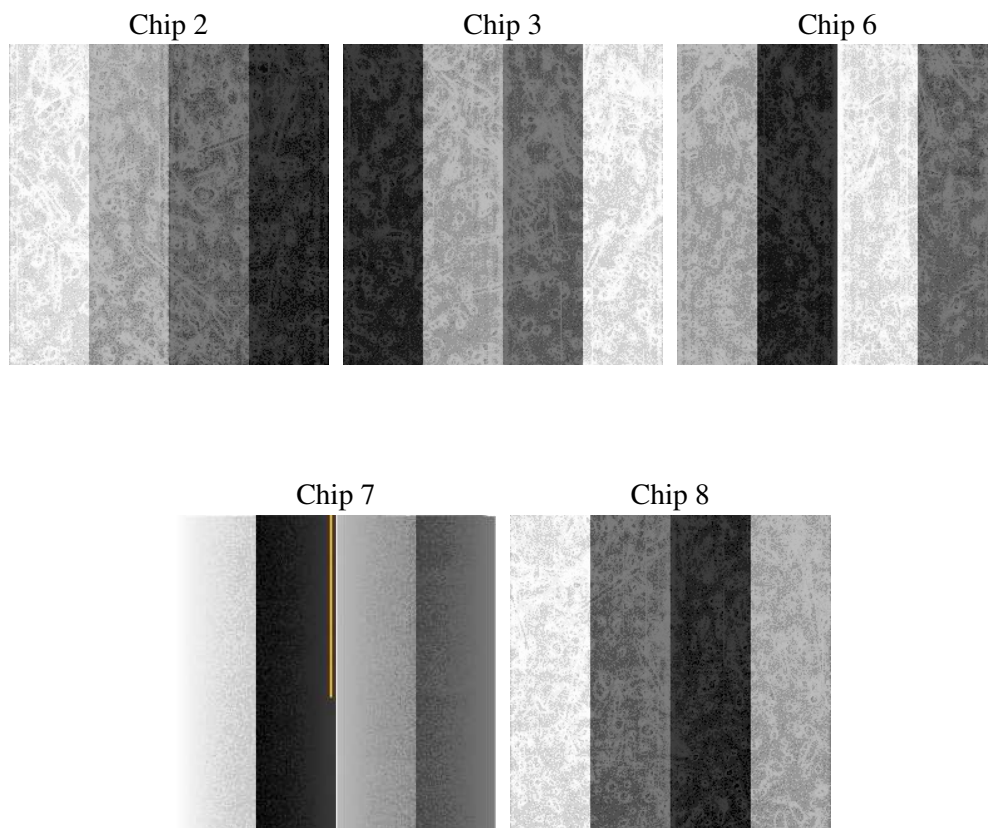
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-05T08:16:01
revision	2

sched_exp_time	29856.000000
ontime	30473.99225682
ontime2	30473.992246836
ontime3	30477.133197129
ontime6	30480.274177313
ontime7	30473.99225682
ontime8	30480.274177313
l1events	1087837

2.1.4 Events

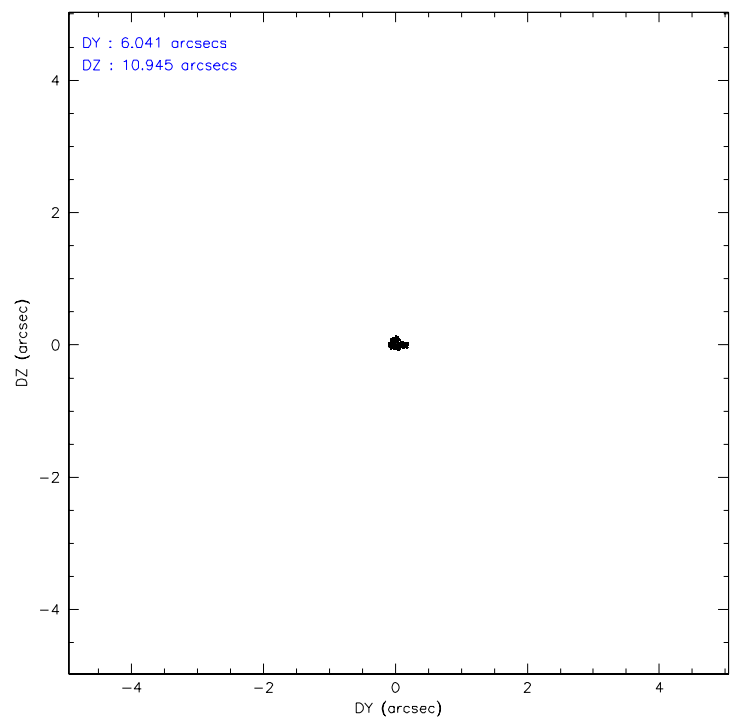
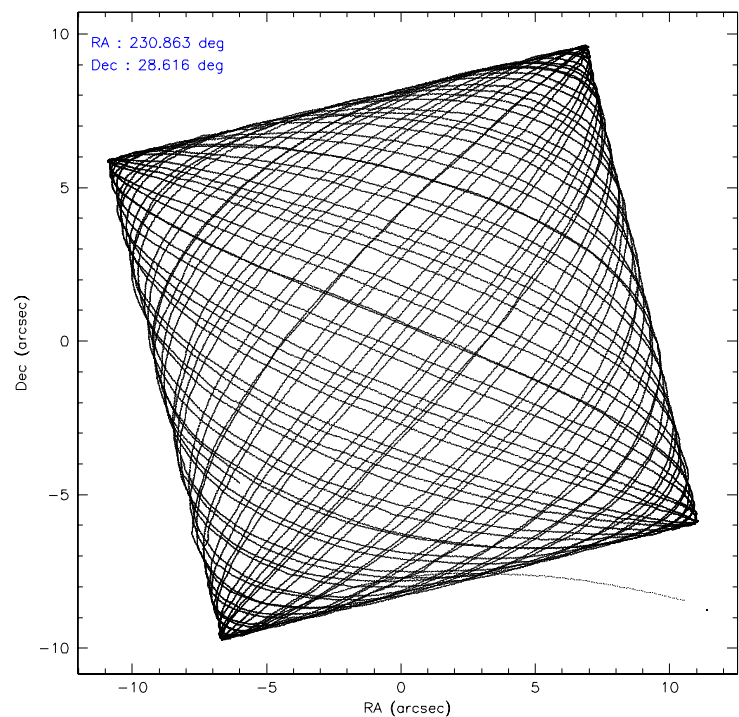
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	189714	189937	196318	264558	247310
rejected events	167442	167716	173124	164239	197430
rejected %	88%	88%	88%	62%	79%

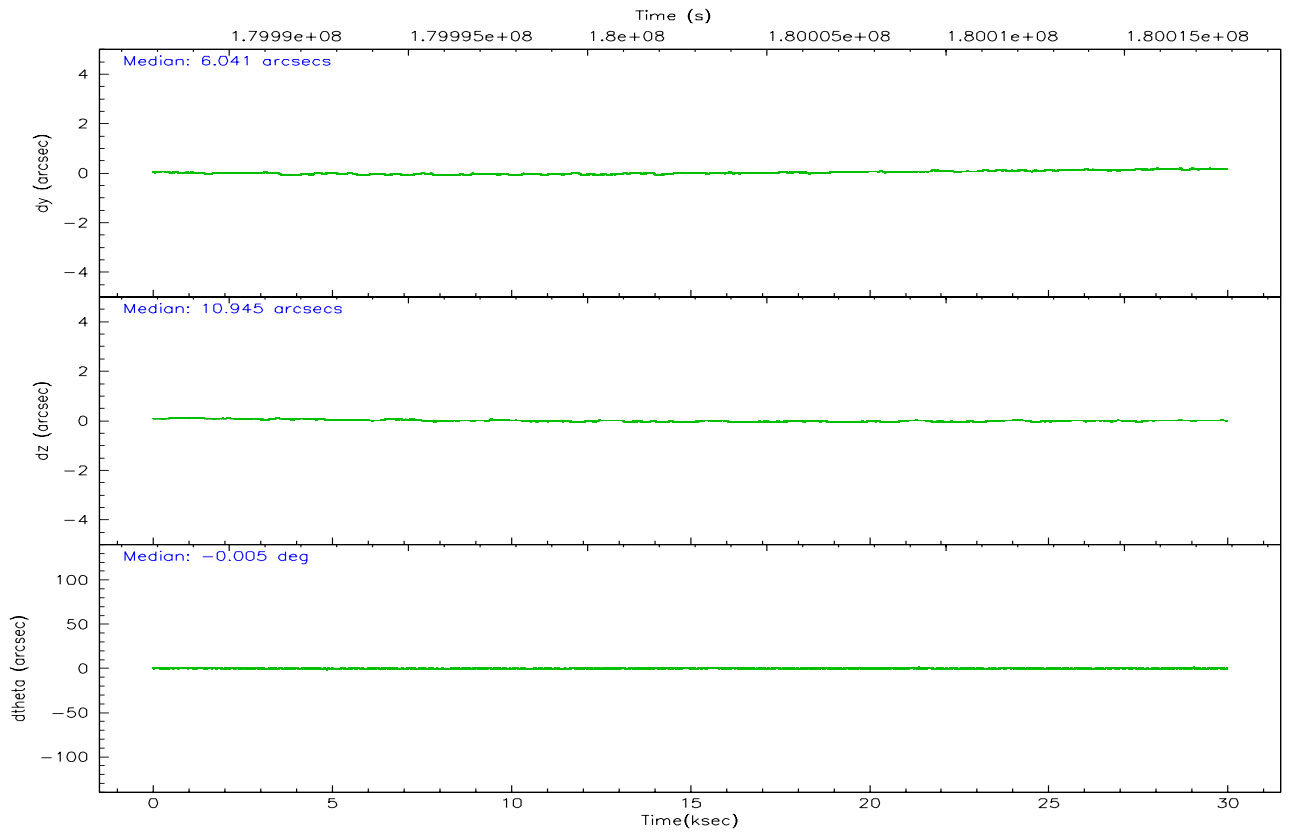
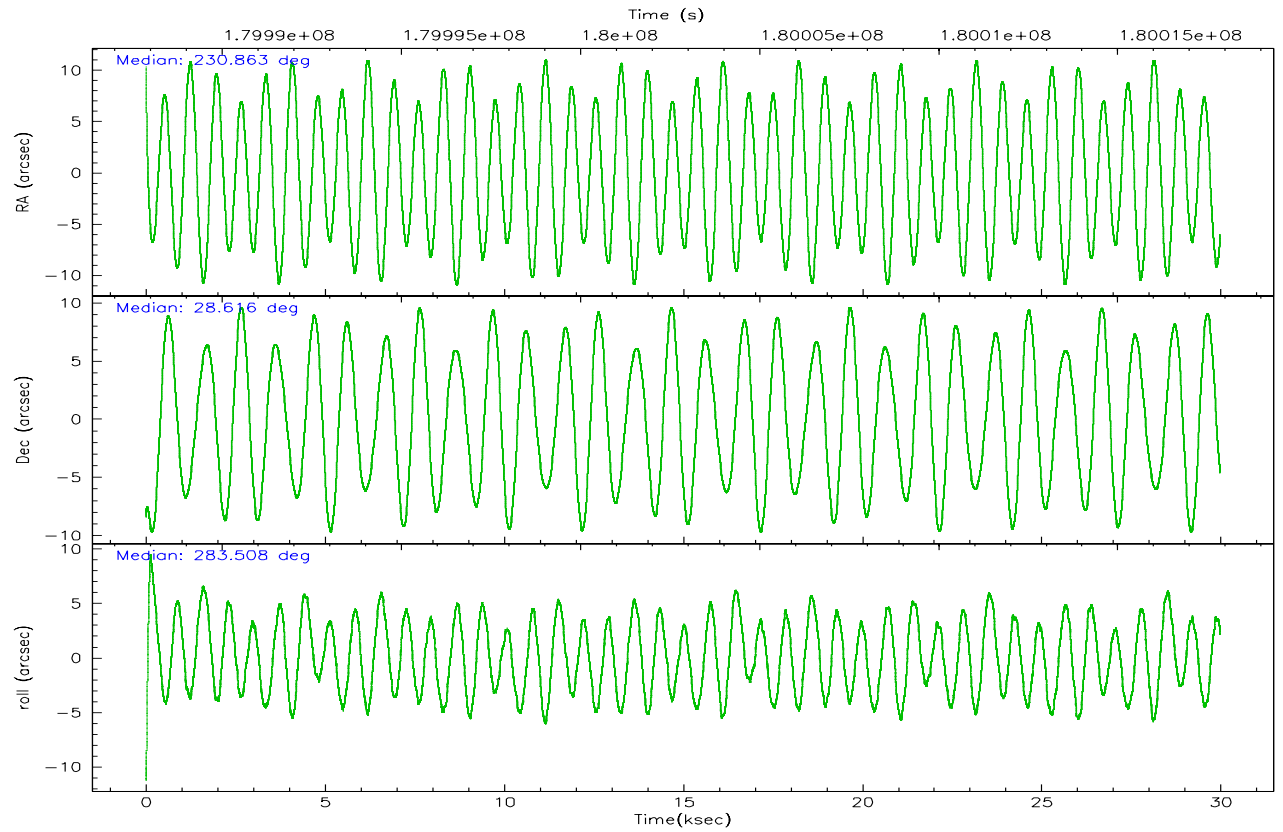
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	10206	10082	9621	7036	15704
	5%	5%	4%	2%	6%
grade 1 events	126	113	87	140	147
	0%	0%	0%	0%	0%
grade 2 events	4507	4194	4805	25193	11389
	2%	2%	2%	9%	4%
grade 3 events	2203	2210	2255	5334	5210
	1%	1%	1%	2%	2%
grade 4 events	2189	2219	2252	5202	4743
	1%	1%	1%	1%	1%
grade 5 events	7132	8475	8965	17015	11772
	3%	4%	4%	6%	4%
grade 6 events	3554	3882	4630	59330	13493
	1%	2%	2%	22%	5%
grade 7 events	159797	158762	163703	145308	184852
	84%	83%	83%	54%	74%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23678	ACIS-23678	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	230.841077	230.8627236734845	Alternating exposures requested	N	N
Pointing Dec	28.635392	28.6159164338914	Primary exposure time	0.000000	3.1
Pointing Roll	283.367526	283.5137774329326			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	179987995.184000	179986775.43299			
Observation start date	2003-09-15T04:38:51	2003-09-15T04:19:35			
Observation end time	180017851.184000	180018458.18435			
Observation end date	2003-09-15T12:56:27	2003-09-15T13:07:38			
Read mode	TIMED	TIMED			

2.3 Aspect



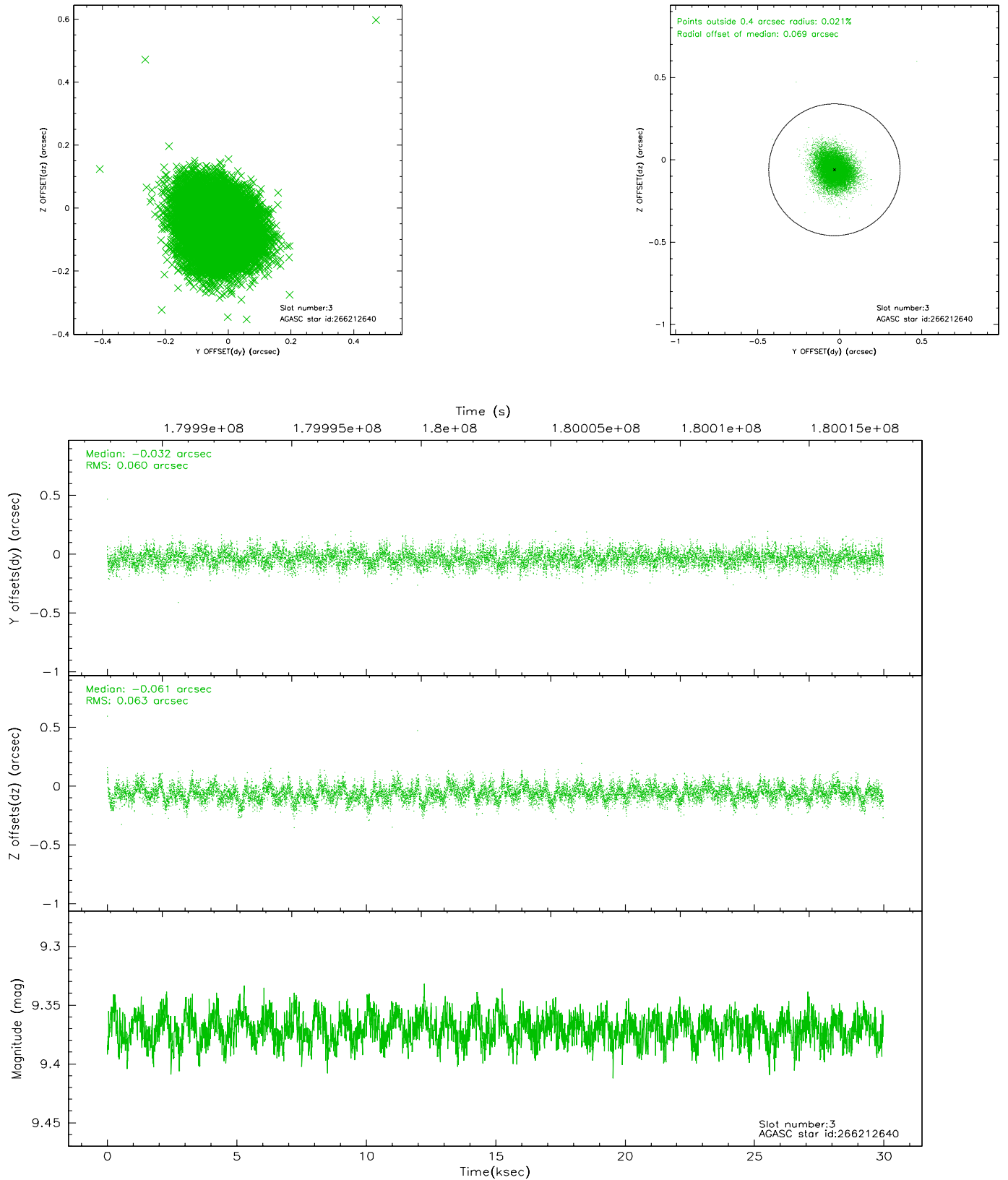


Slot Statistics

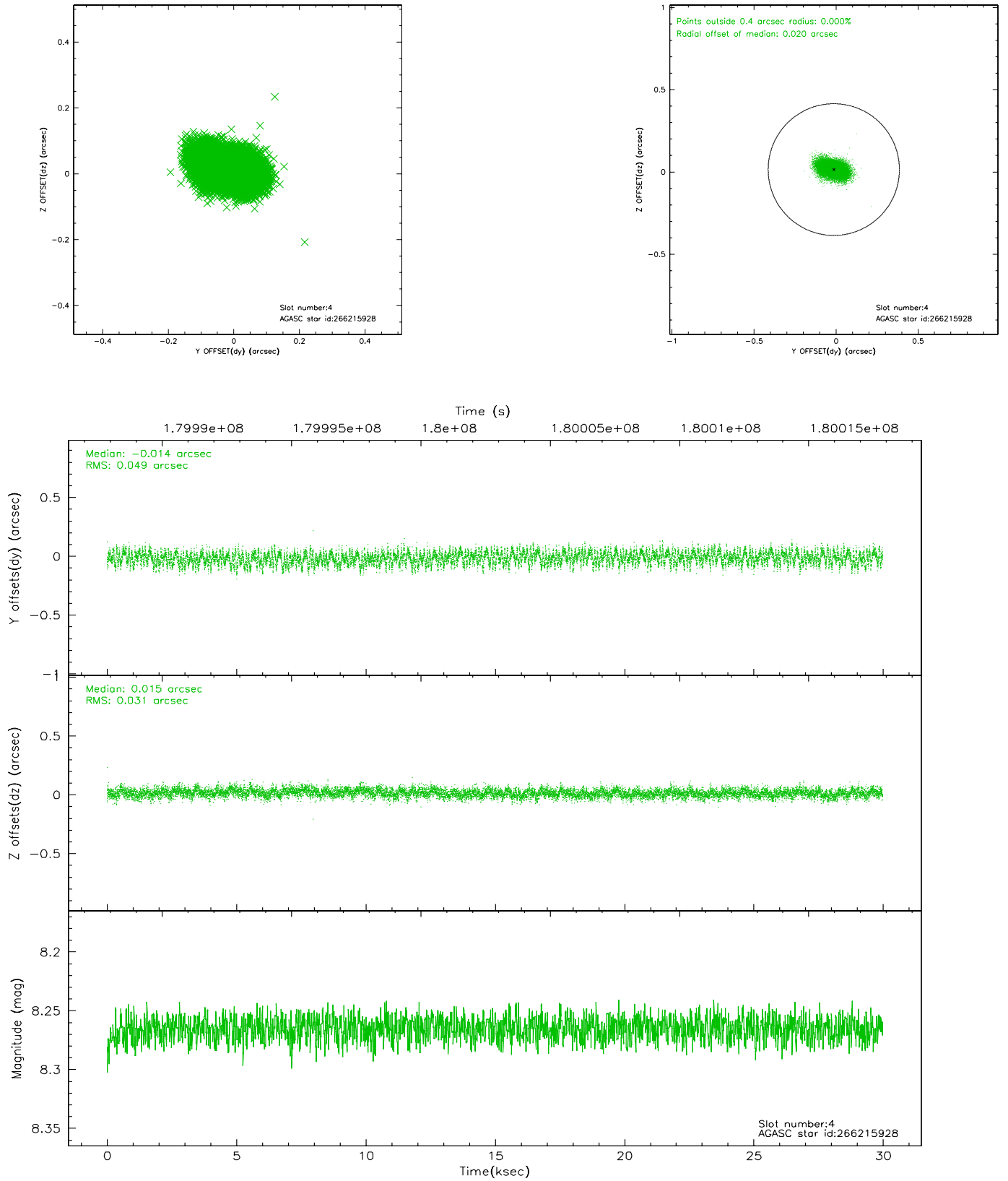
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	7311	-0.046	0.013	0.010	0.018	0.000000	0.000000	-758.82	-1732.22
1	FID	ACIS-S-4	7.20	7311	0.018	0.019	0.015	0.030	0.000000	0.000000	2154.47	176.22
2	FID	ACIS-S-5	7.23	7311	-0.005	-0.022	0.011	0.022	0.000000	0.000000	-1811.55	169.89
3	GUIDE	266212640	9.37	14610	-0.032	-0.061	0.093	0.151	230.478020	28.040711	1815.00	-1616.58
4	GUIDE	266215928	8.26	14622	-0.014	0.015	0.062	0.103	231.261301	29.146197	-1485.68	1711.16
5	GUIDE	266216280	9.11	14617	-0.041	-0.057	0.073	0.120	230.814626	29.031614	-1406.83	248.53
6	GUIDE	266216960	7.30	14620	0.009	0.039	0.057	0.089	230.691743	28.057036	1916.01	-942.44
7	GUIDE	266213664	7.12	14621	0.079	0.065	0.050	0.081	231.625635	28.127527	2347.20	2003.10

2.4 Star Slots

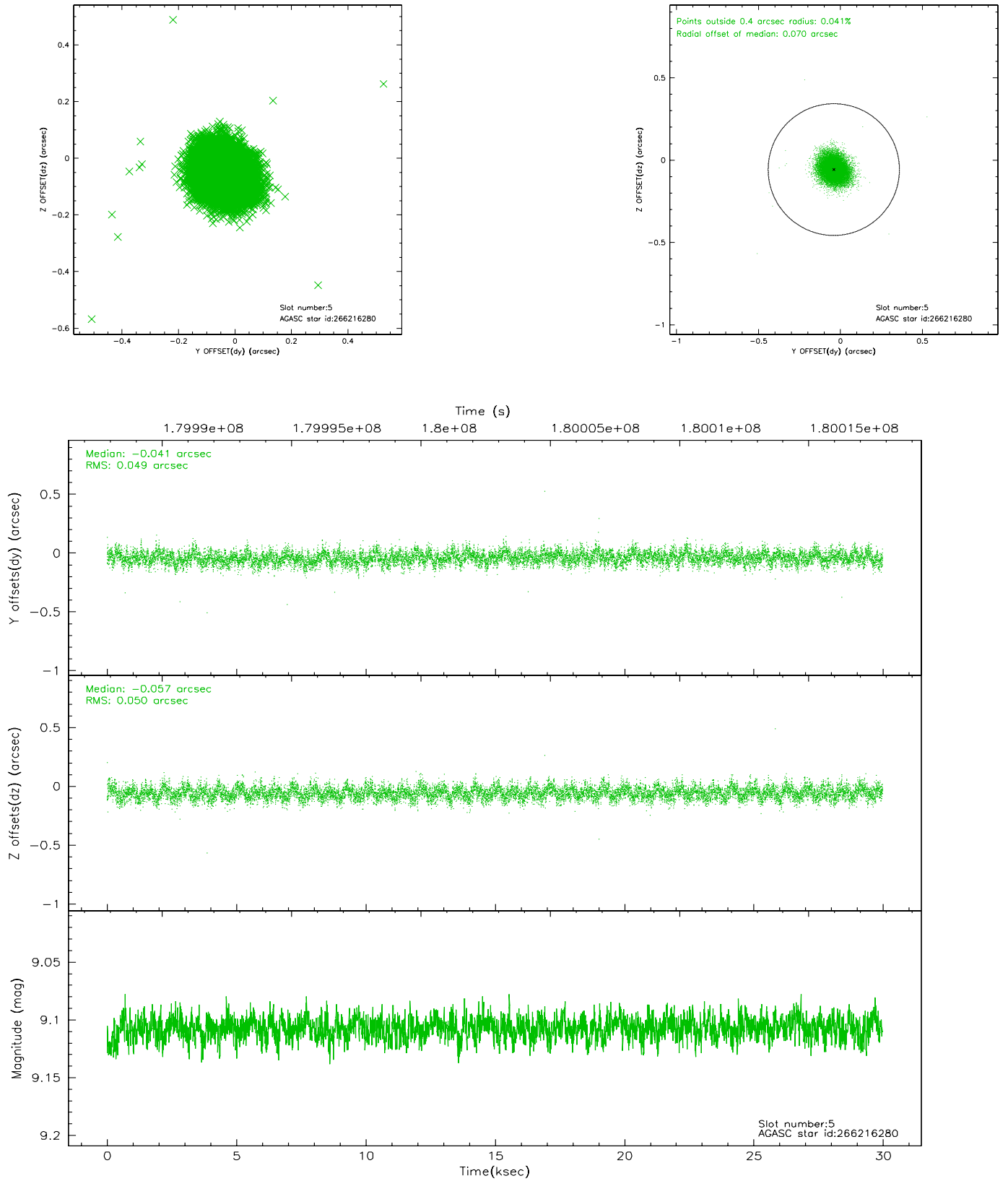
2.4.1 Slot 3



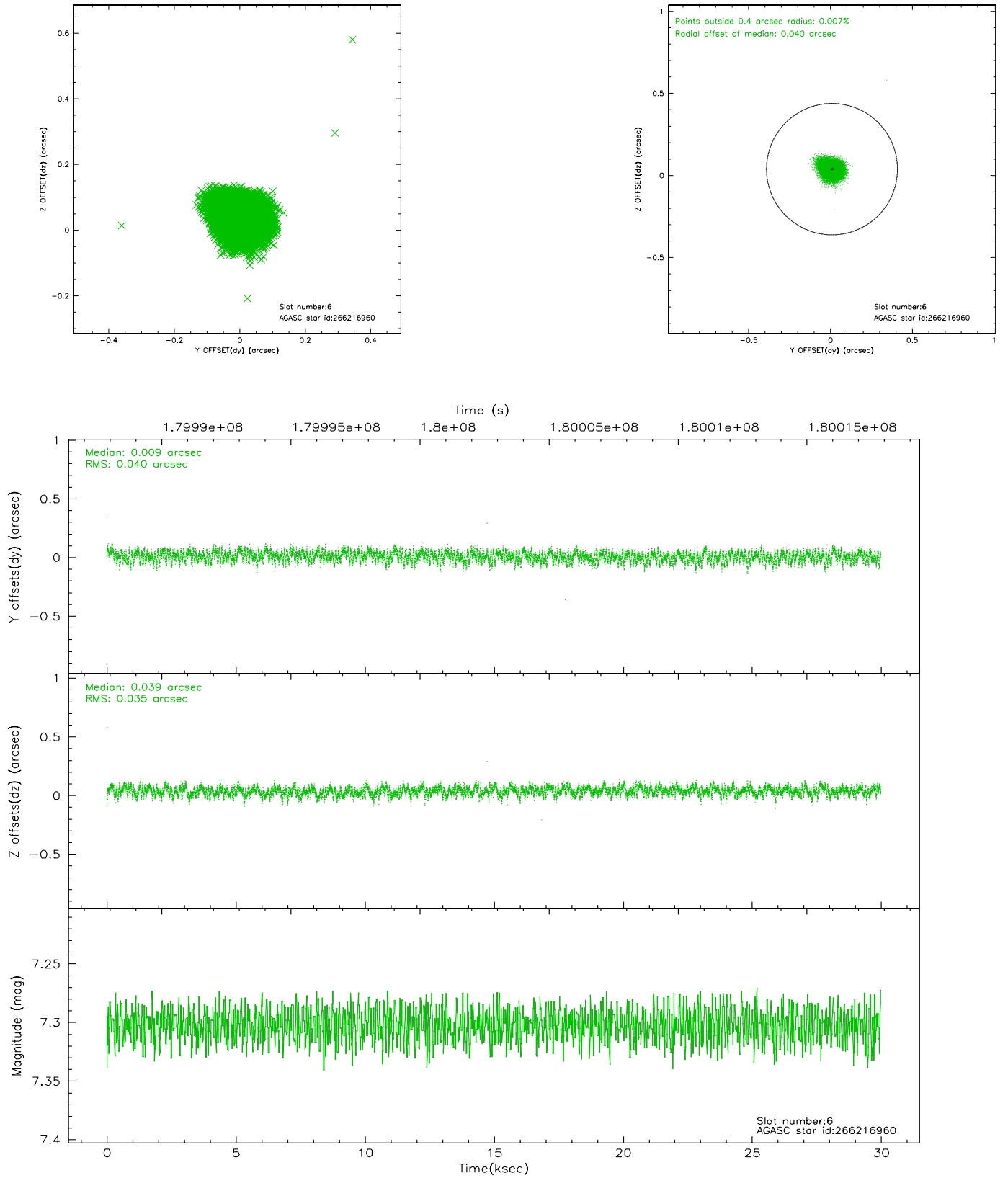
2.4.2 Slot 4



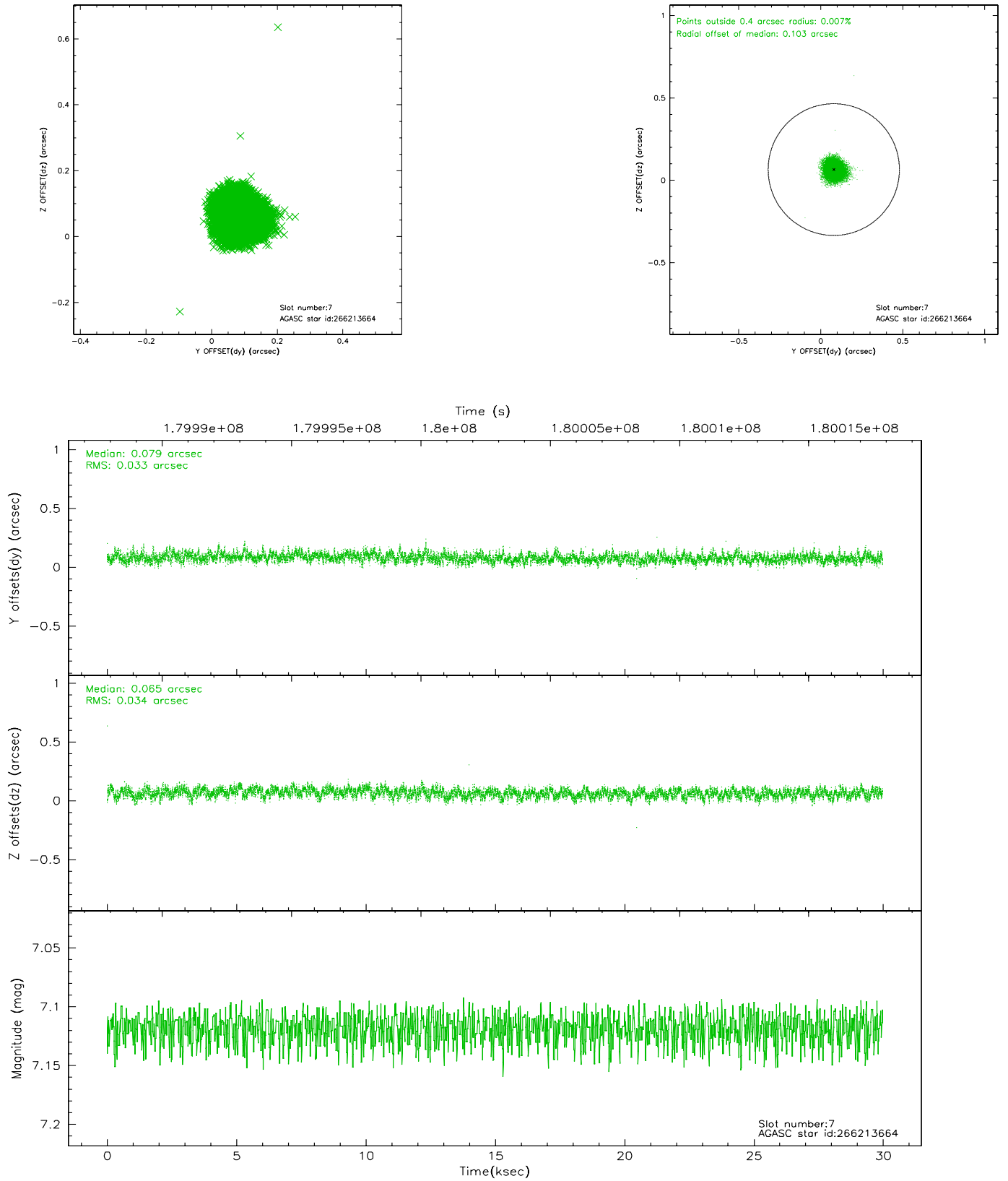
2.4.3 Slot 5



2.4.4 Slot 6

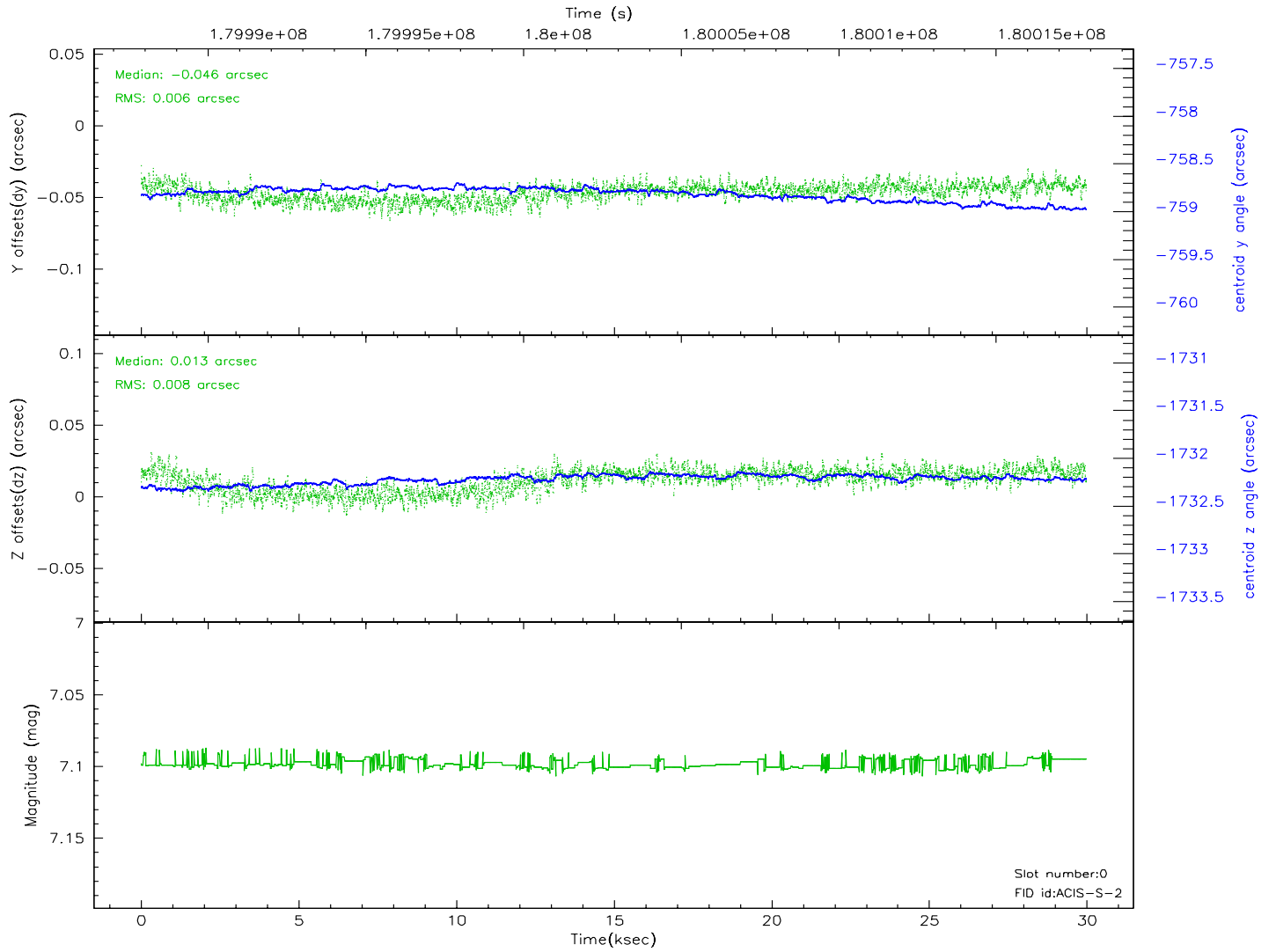
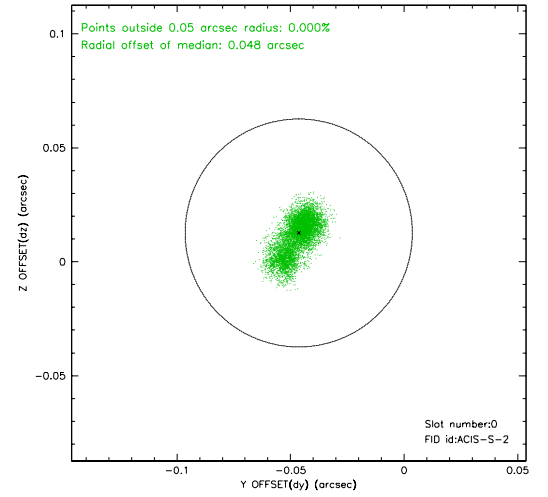
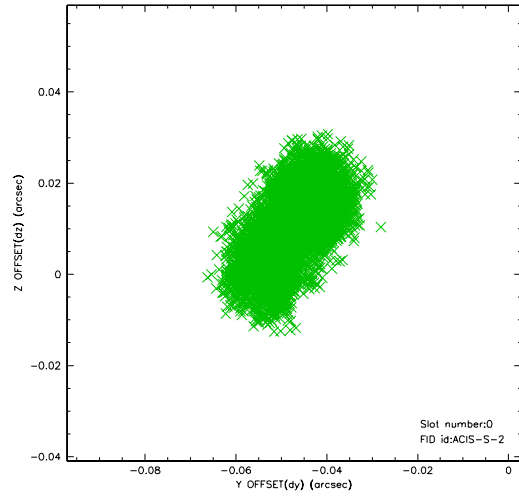


2.4.5 Slot 7

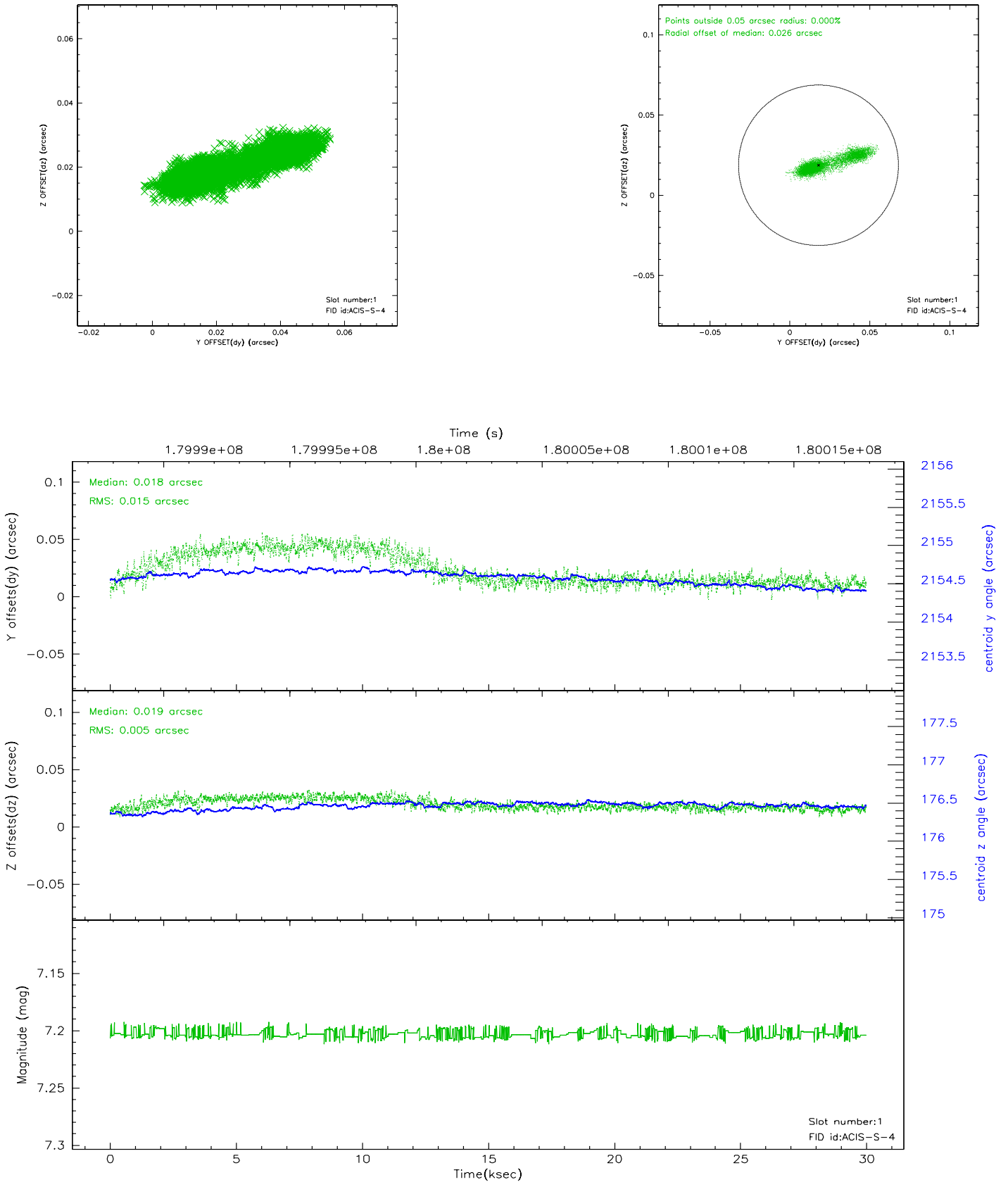


2.5 FID Slots

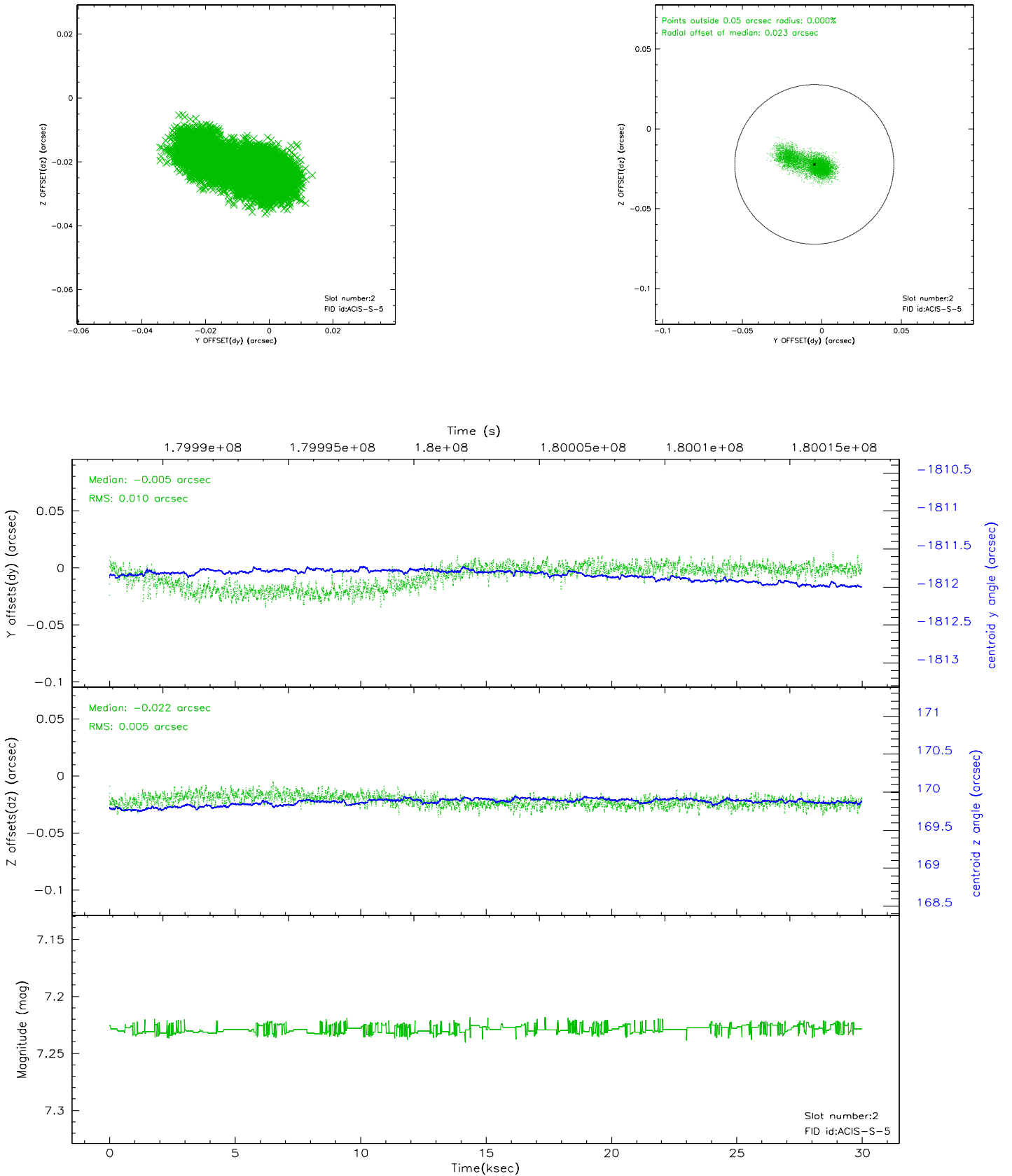
2.5.1 Slot 0



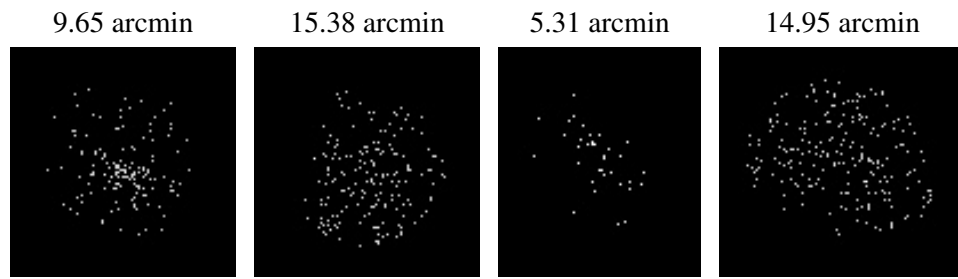
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.97

A.2 Comments