

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3477 - L2 Version 001
Chandra X-Ray Center

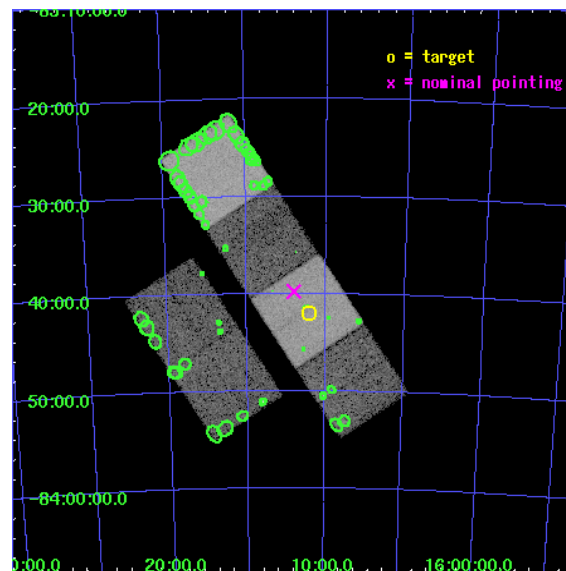
L2 Processing Date : Sep 9 2006

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1 Front

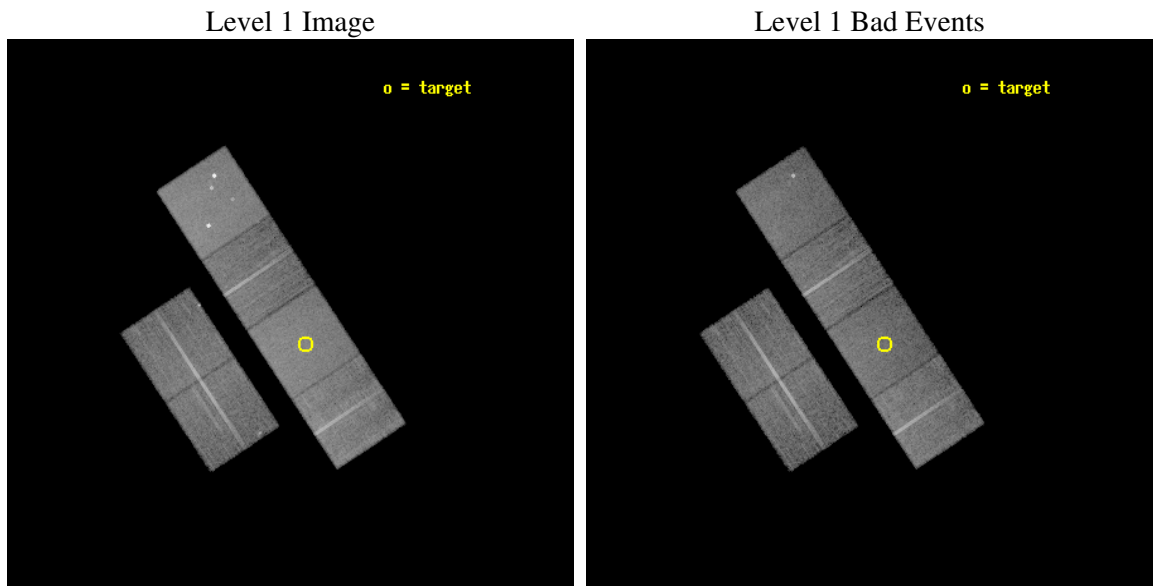
seq_num	500294
obs_id	3477
title	CHANDRA ARCSECOND LOCALIZATION OF THE DARK BURST GRB020321
observer	Dr Derek Fox
object	GRB020321
dtcycle	0
cycle	P
ra_targ	242.76
dec_targ	-83.7
ra_nom	243.00306803922
dec_nom	-83.662867747959
roll_nom	56.598225131752
revision	2
ontime	20057.60001868
livetime	19803.618610007
ontime2	20054.359058425
ontime3	20057.60001868
ontime5	20057.60001868
ontime6	20054.359048426
ontime7	20057.60001868
ontime8	20057.60001868
l2events	189407



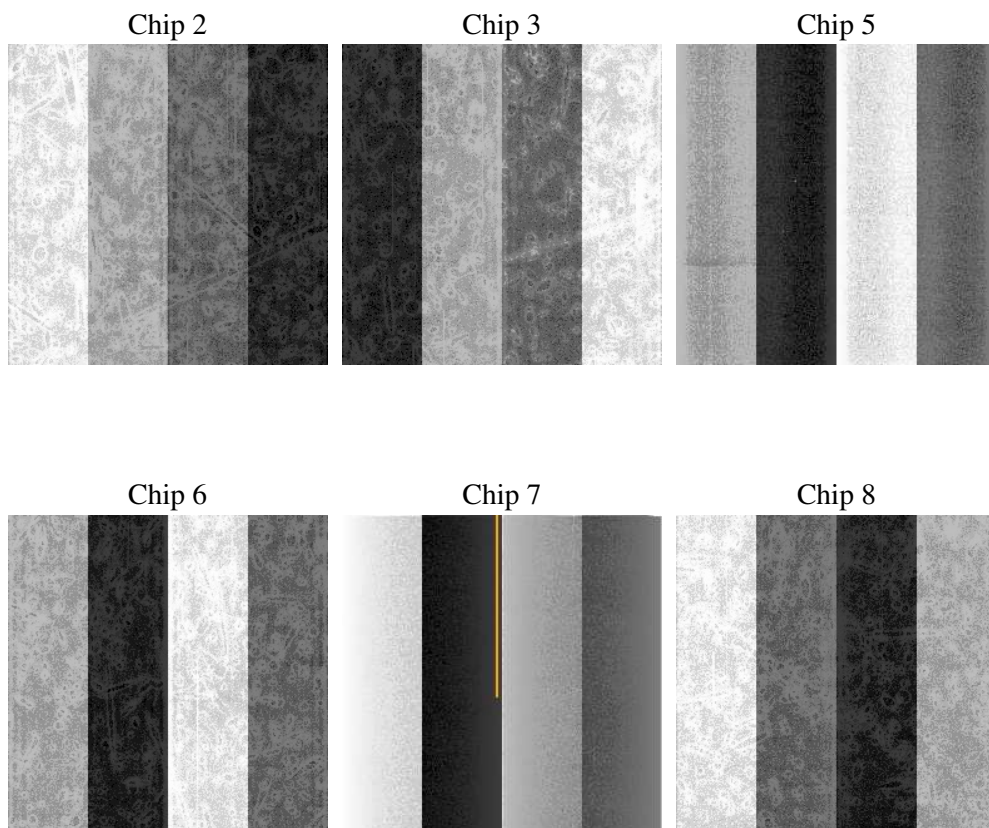
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldsver	3.2.3
date	2006-09-09T10:19:15
revision	2

sched_exp_time	20000.000000
ontime	20061.795123979
ontime2	20058.554133818
ontime3	20061.795094073
ontime5	20061.795123979
ontime6	20058.554153726
ontime7	20061.795123979
ontime8	20061.795123979
l1events	893581

2.1.4 Events

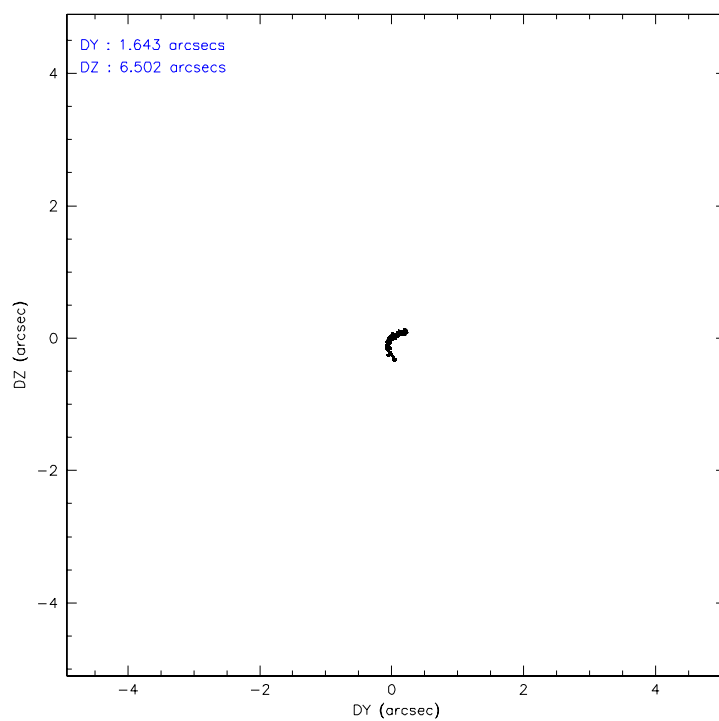
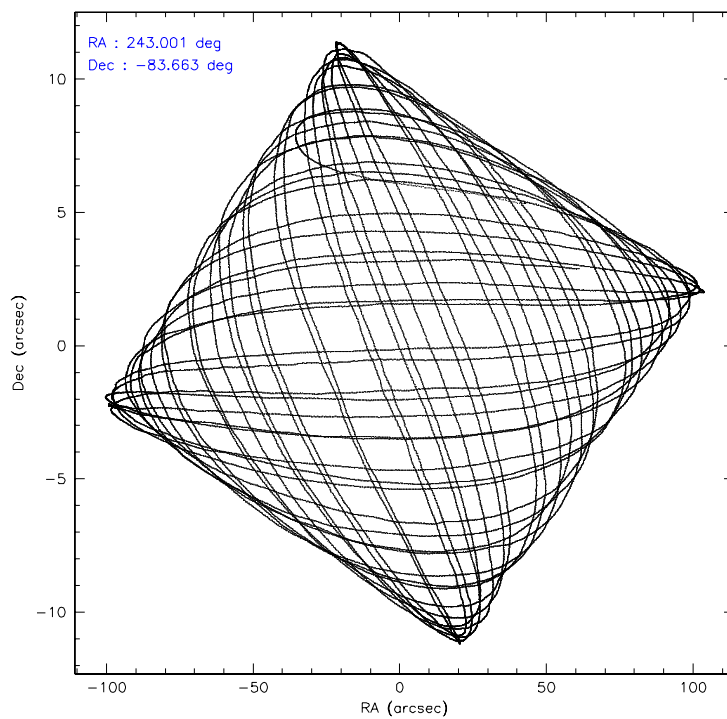
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	127171	123370	189470	128144	163976	161450
rejected events	111802	108477	102168	113314	101064	128306
rejected %	87%	87%	53%	88%	61%	79%

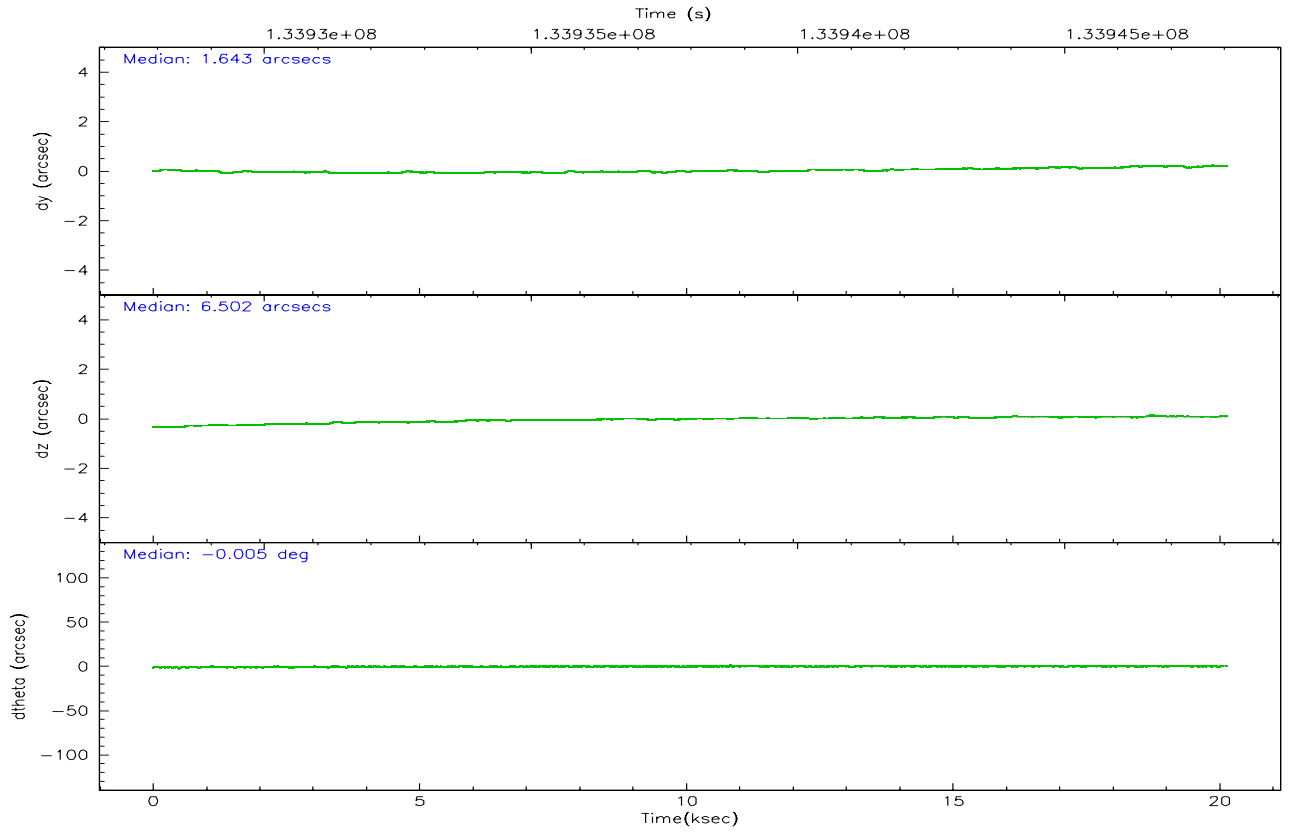
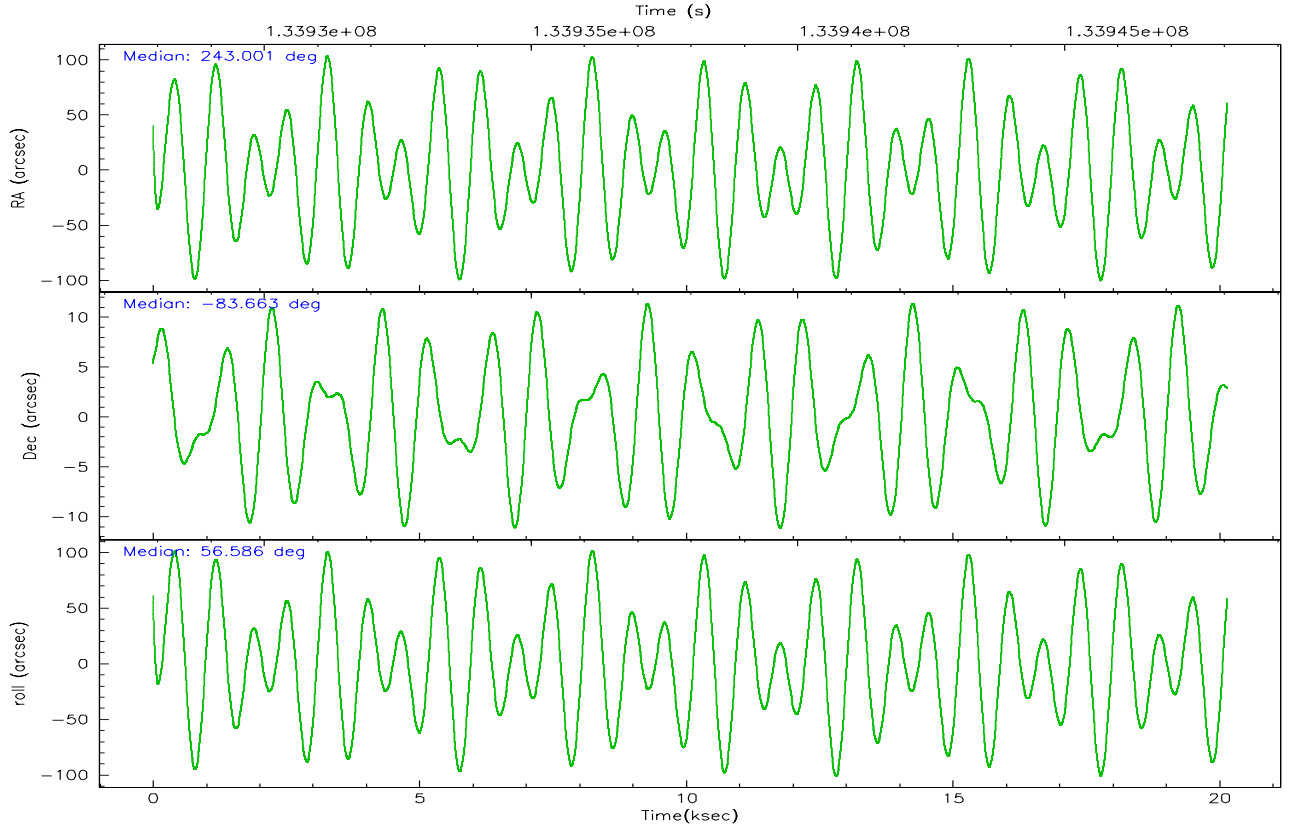
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	6663	6615	11877	6013	3954	10727
	5%	5%	6%	4%	2%	6%
grade 1 events	63	61	1373	65	97	104
	0%	0%	0%	0%	0%	0%
grade 2 events	3226	2978	27014	2935	15647	6899
	2%	2%	14%	2%	9%	4%
grade 3 events	1439	1459	1851	1460	3401	3689
	1%	1%	0%	1%	2%	2%
grade 4 events	1430	1335	1758	1471	3262	3316
	1%	1%	0%	1%	1%	2%
grade 5 events	4541	4980	8888	5573	11056	7016
	3%	4%	4%	4%	6%	4%
grade 6 events	2614	2509	44825	2953	36658	8517
	2%	2%	23%	2%	22%	5%
grade 7 events	107195	103433	91884	107674	89901	121182
	84%	83%	48%	84%	54%	75%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	242.991507	243.0030680392153	Alternating exposures requested	N	N
Pointing Dec	-83.690082	-83.66286774795931	Primary exposure time	0.000000	3.2
Pointing Roll	56.430104	56.59822513175214			
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	133928051.184000	133927042.43502			
Observation start date	2002-03-31T02:13:07	2002-03-31T01:57:22			
Observation end time	133948051.184000	133948573.5859			
Observation end date	2002-03-31T07:46:27	2002-03-31T07:56:13			
Read mode	TIMED	TIMED			

2.3 Aspect



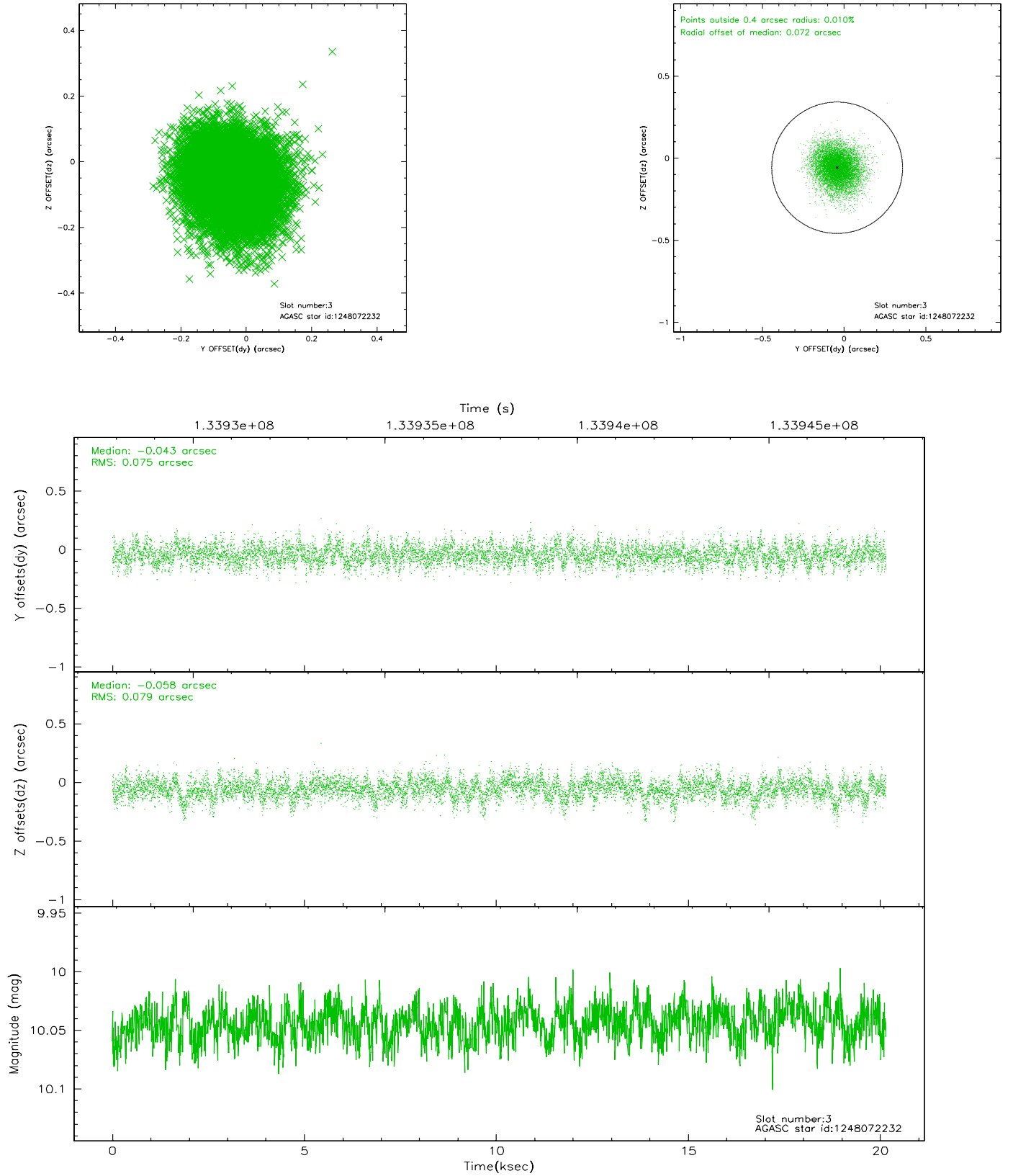


Slot Statistics

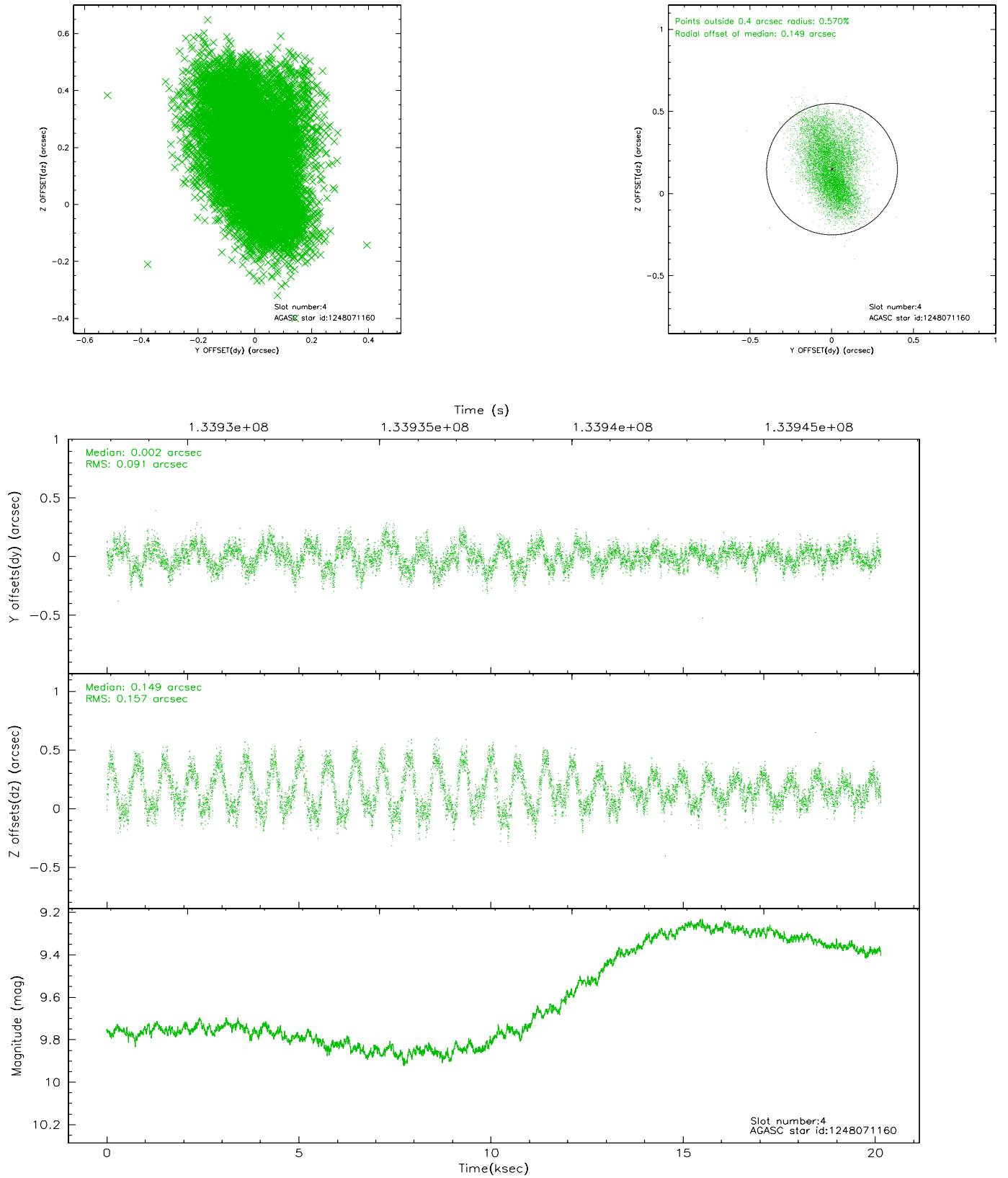
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	4912	-0.034	0.028	0.007	0.011	0.000000	0.000000	-754.28	-1727.60
1	FID	ACIS-S-4	7.20	4911	-0.061	0.009	0.006	0.010	0.000000	0.000000	2158.86	180.72
2	FID	ACIS-S-5	7.24	4913	0.063	-0.028	0.006	0.010	0.000000	0.000000	-1806.82	174.50
3	GUIDE	1248072232	10.04	9817	-0.043	-0.058	0.116	0.189	243.610535	-83.301786	1308.92	555.73
4	GUIDE	1248071160	9.73	9823	0.002	0.149	0.193	0.317	248.106389	-83.902907	371.38	-2098.83
5	GUIDE	1248072112	9.52	9820	0.007	0.003	0.106	0.168	241.800325	-83.936467	-991.57	-116.09
6	GUIDE	1248069088	9.85	9818	0.034	-0.137	0.118	0.198	241.879282	-83.662797	-164.45	419.95
7	GUIDE	1248073536	8.94	9823	0.009	0.039	0.090	0.140	243.498582	-83.851458	-374.81	-484.66

2.4 Star Slots

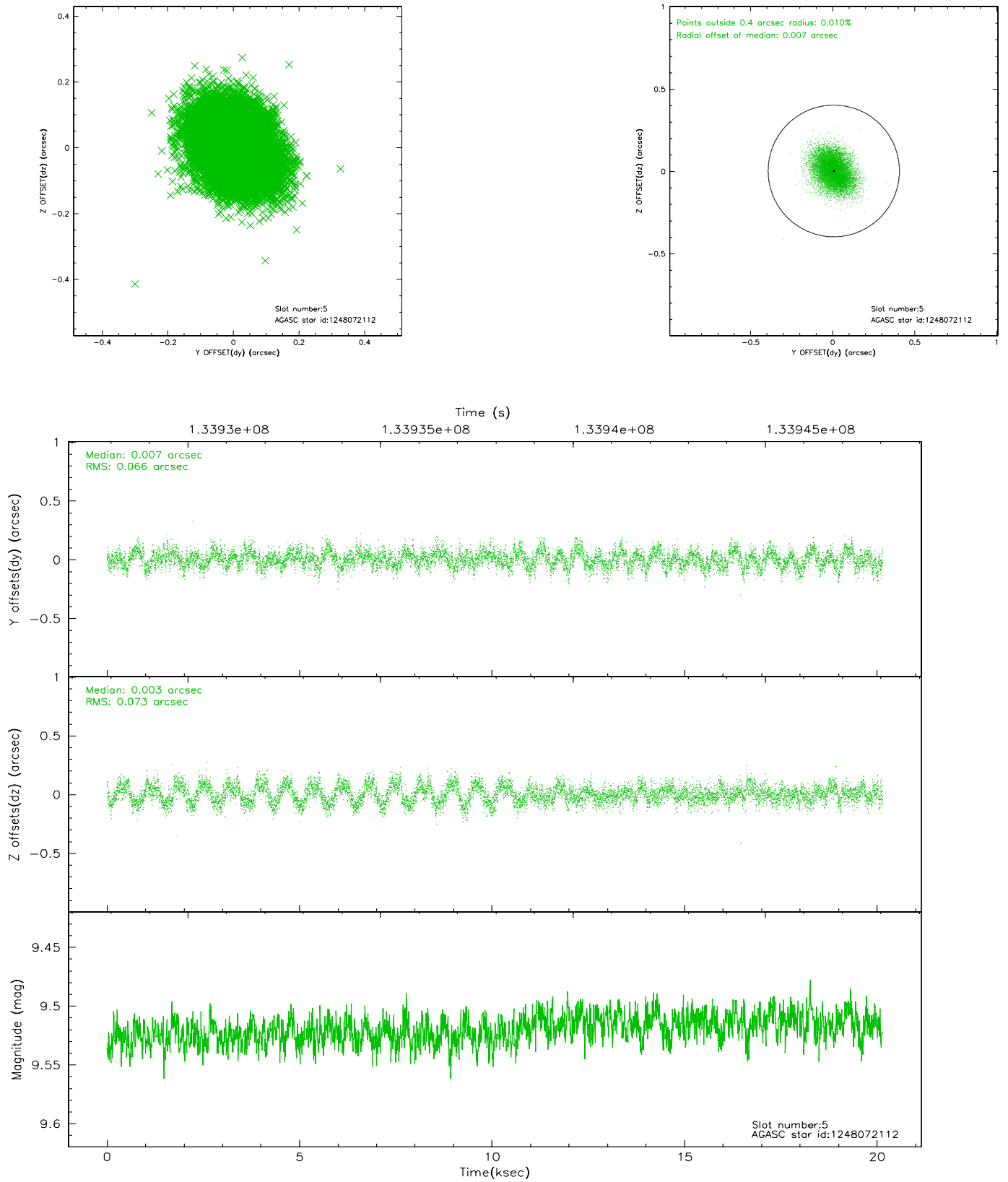
2.4.1 Slot 3



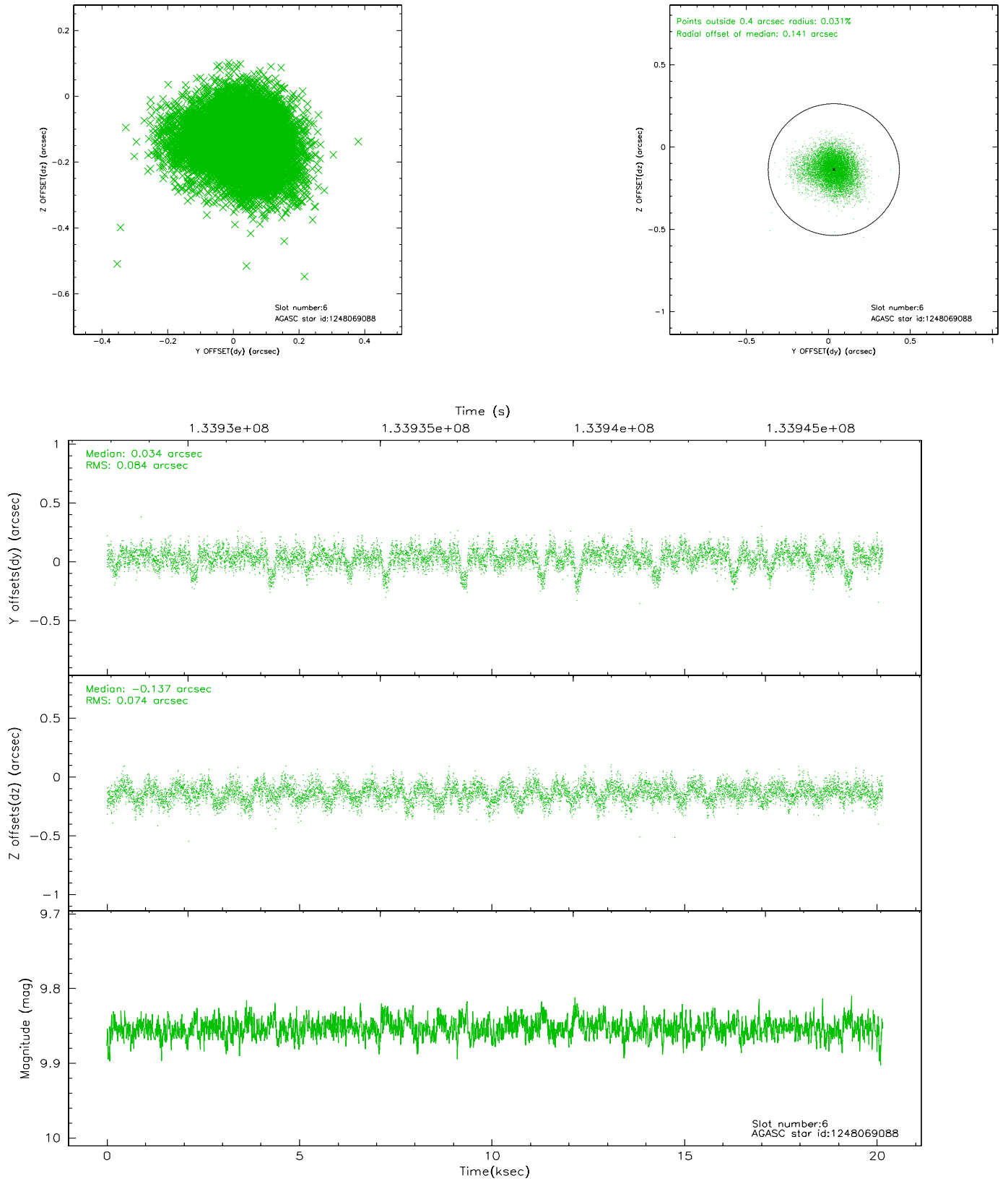
2.4.2 Slot 4



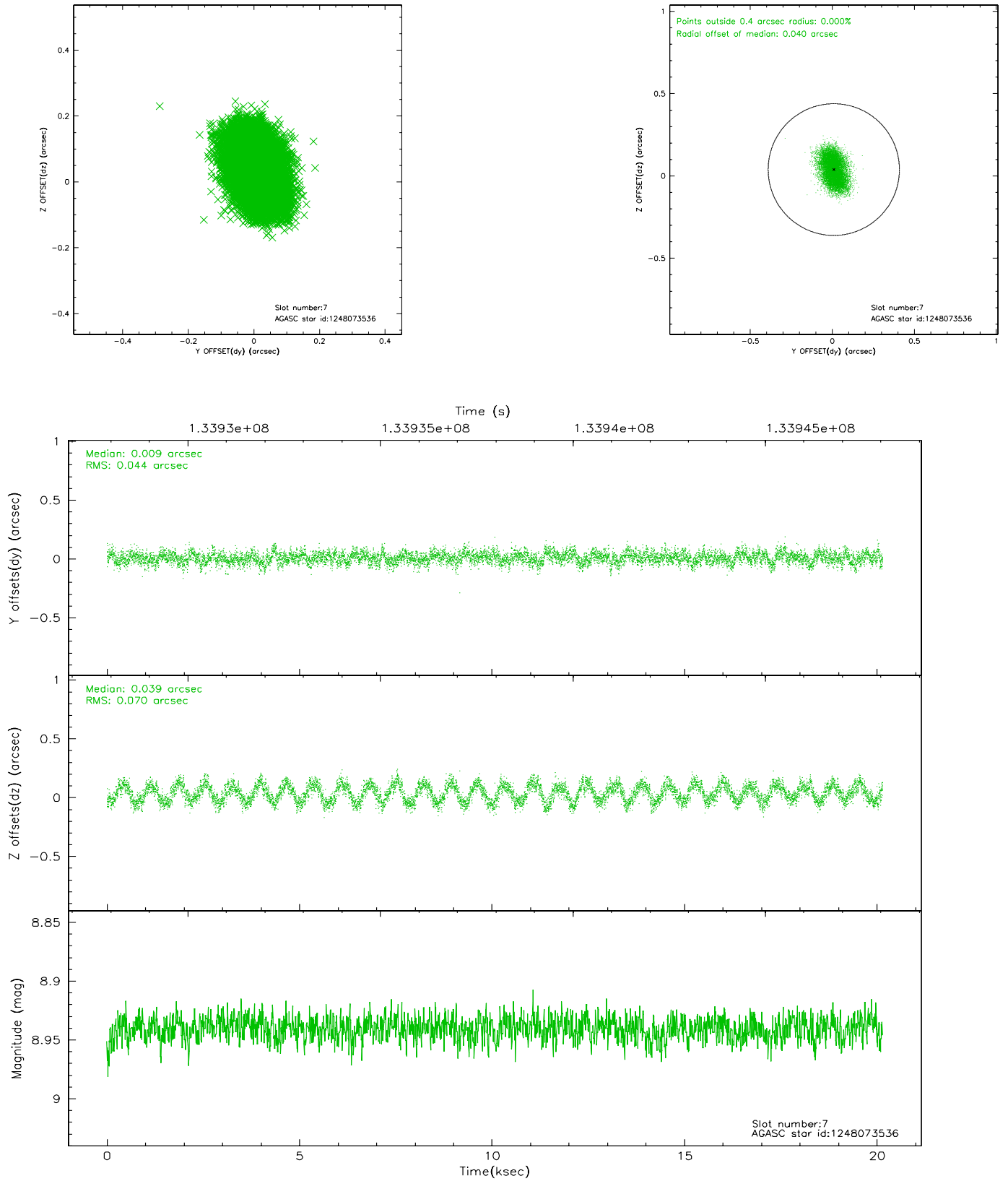
2.4.3 Slot 5



2.4.4 Slot 6

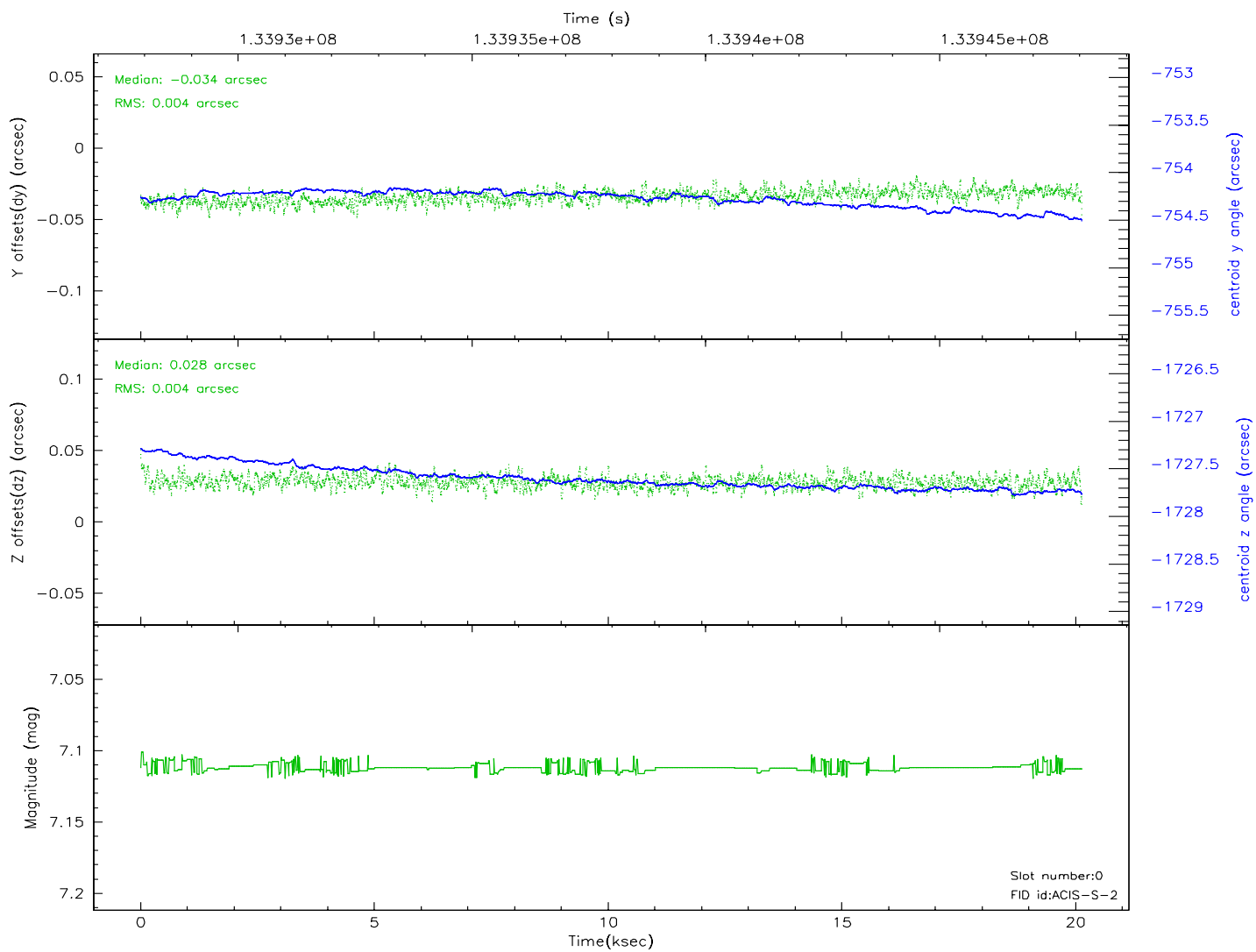
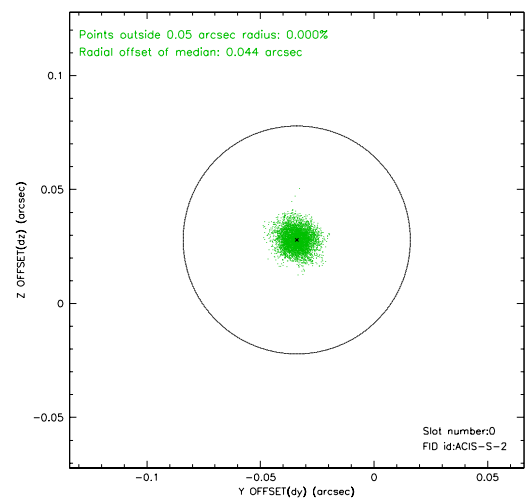
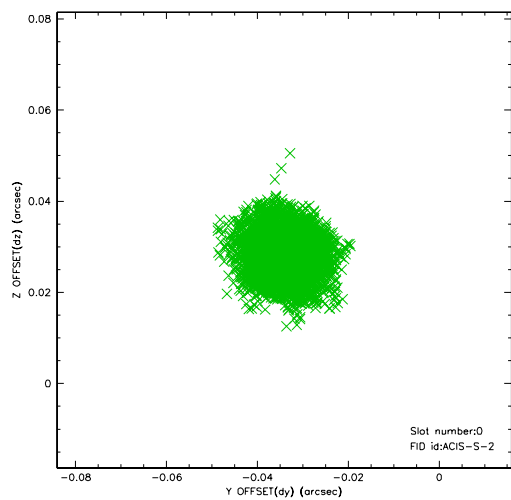


2.4.5 Slot 7

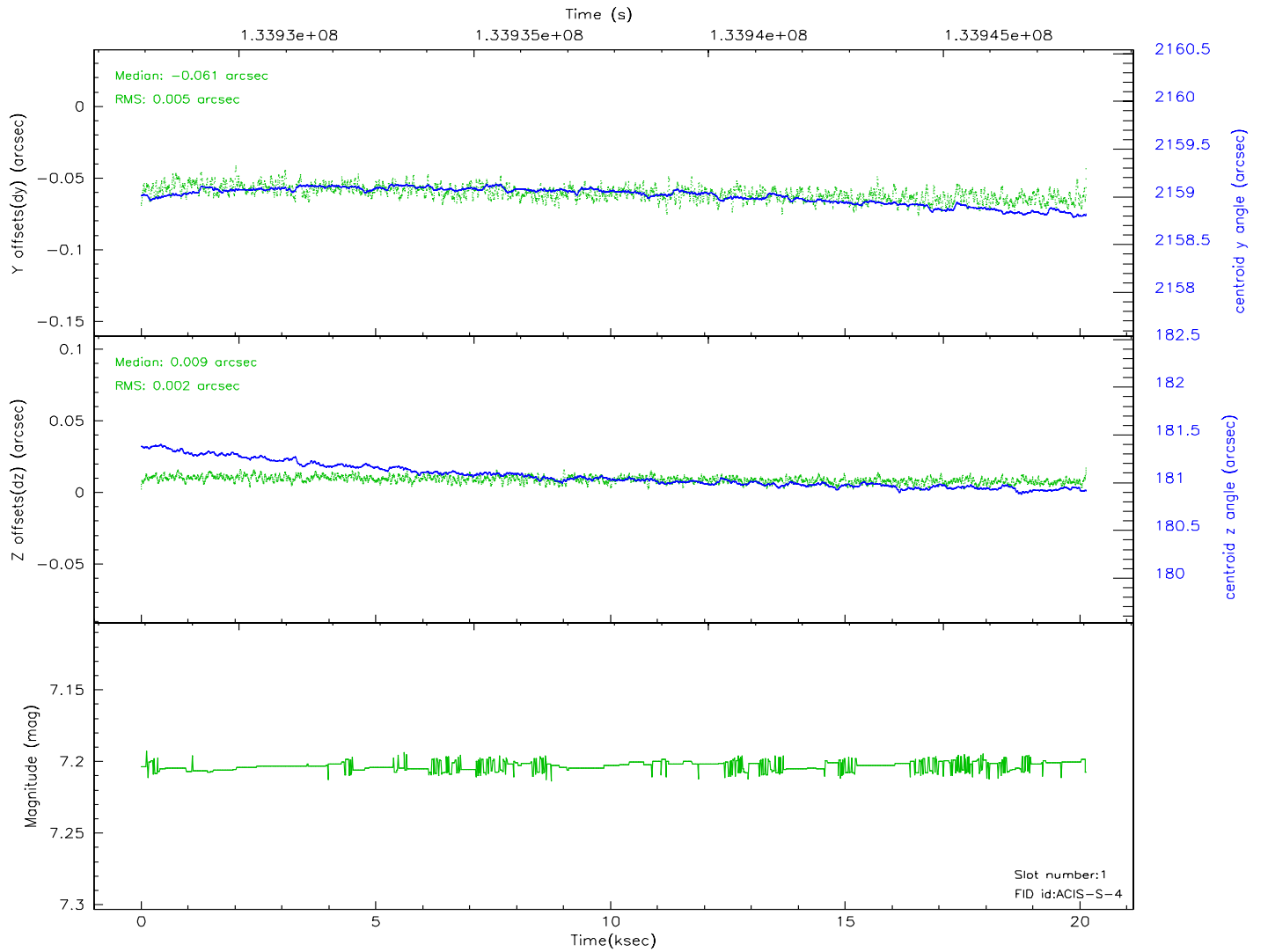
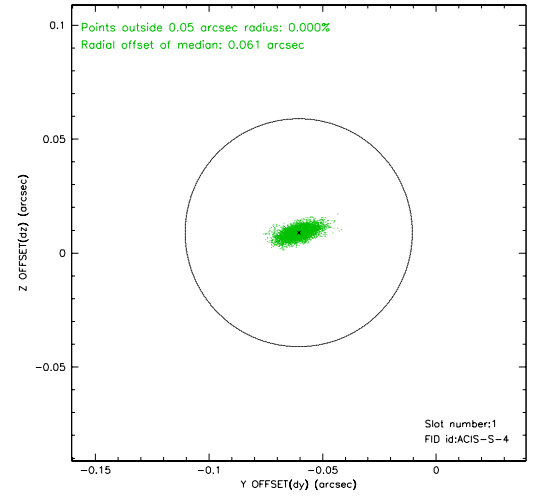
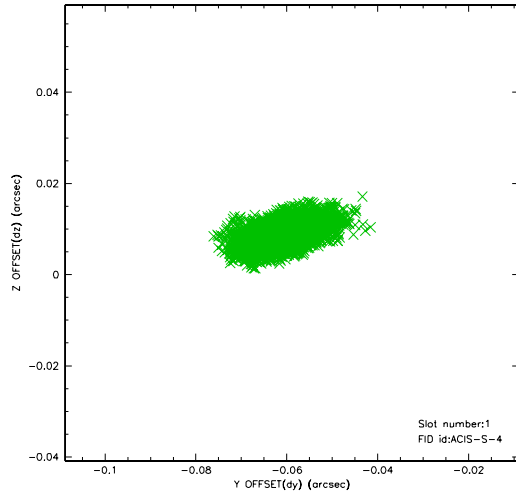


2.5 FID Slots

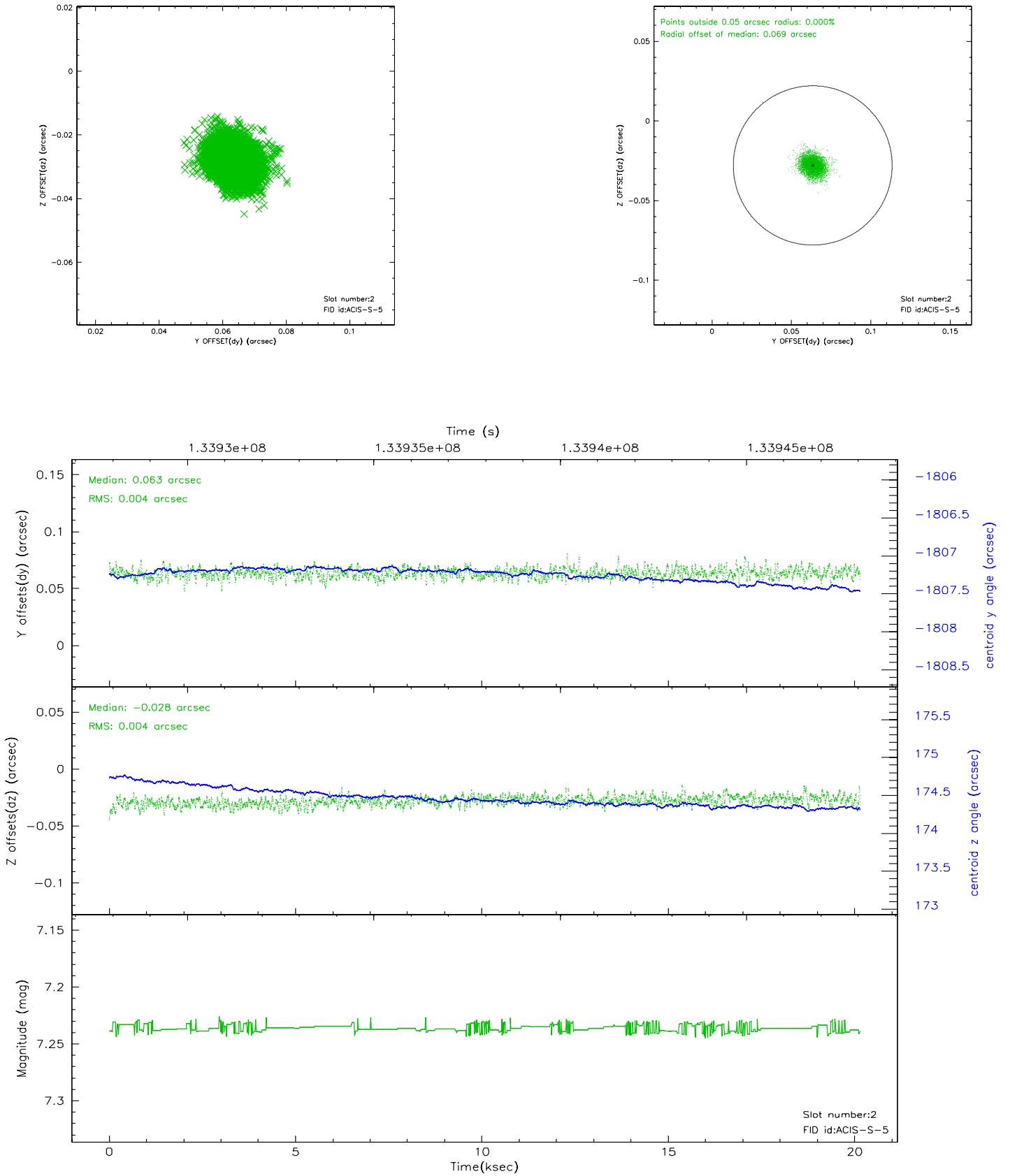
2.5.1 Slot 0



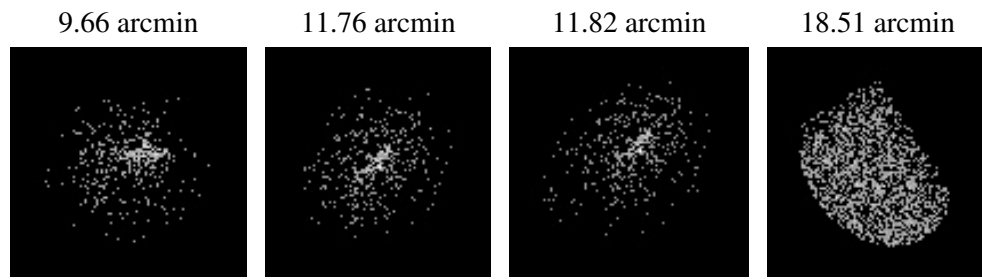
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.057

A.2 Comments