

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1559 - L2 Version 001
Chandra X-Ray Center

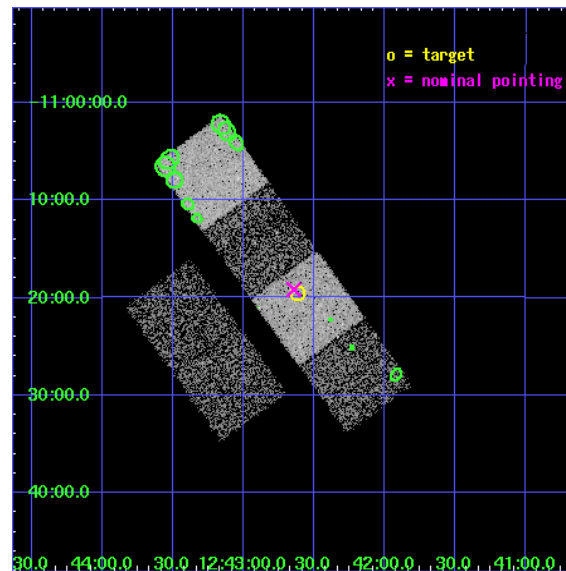
L2 Processing Date : Nov 7 2006

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1 Front

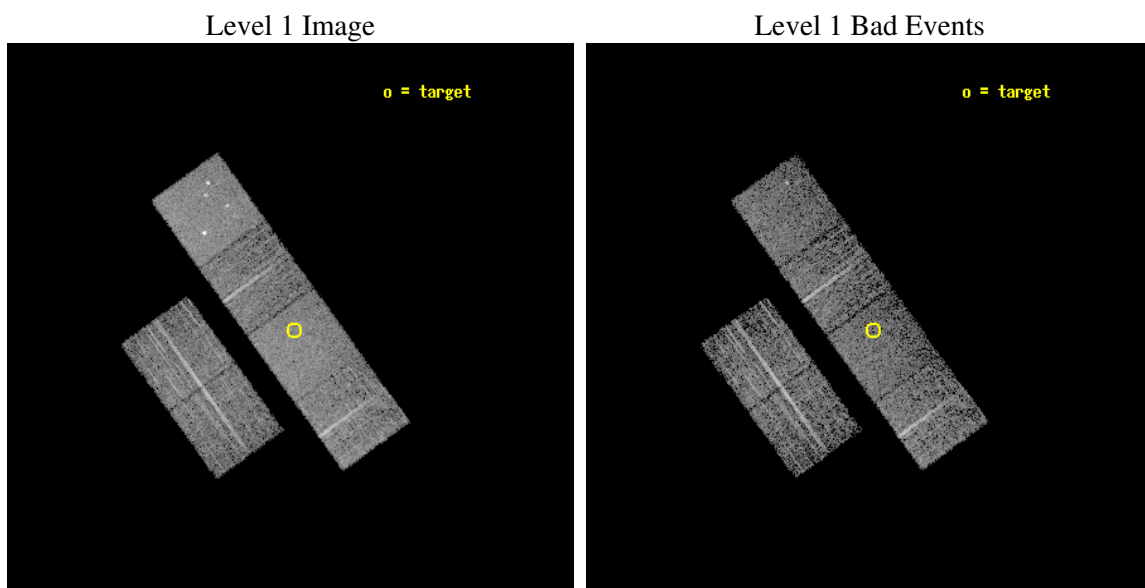
seq_num	600116
obs_id	1559
title	THE GIANT-OUTBURST SOURCE RXJ1242-1119: IDENTIFICATION OF THE COUNTERPART
observer	Dr. Peter Predehl
object	RXJ1242-1119
dtcycle	0
cycle	P
ra_targ	190.65375
dec_targ	-11.326389
ra_nom	190.66092697097
dec_nom	-11.319421556376
roll_nom	54.17340201129
revision	2
ontime	4534.400004223
livetime	4476.9827010816
ontime2	4534.400004223
ontime3	4534.400004223
ontime5	4534.400004223
ontime6	4534.400004223
ontime7	4534.400004223
ontime8	4534.400004223
l2events	43763



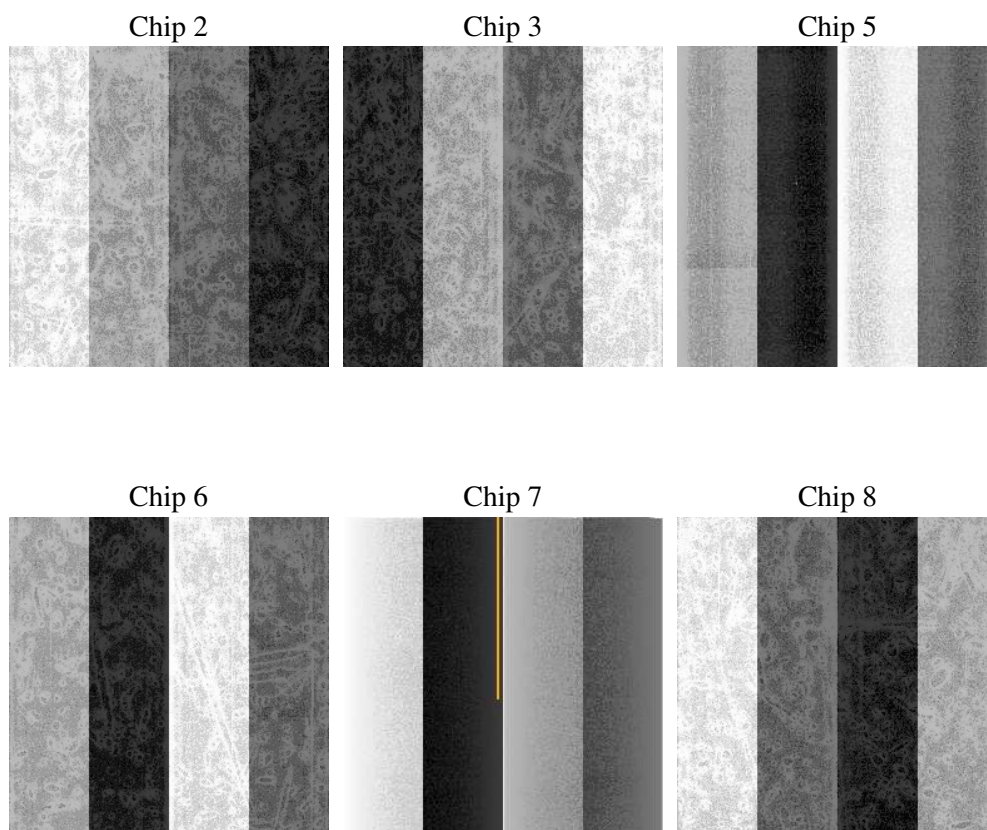
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-11-07T23:28:37
revision	2

sched_exp_time	4388.155000
ontime	4705.9284320474
ontime2	4705.9284320474
ontime3	4705.9284320474
ontime5	4705.9284320474
ontime6	4705.9284320474
ontime7	4705.9284320474
ontime8	4705.9284320474
l1events	219878

2.1.4 Events

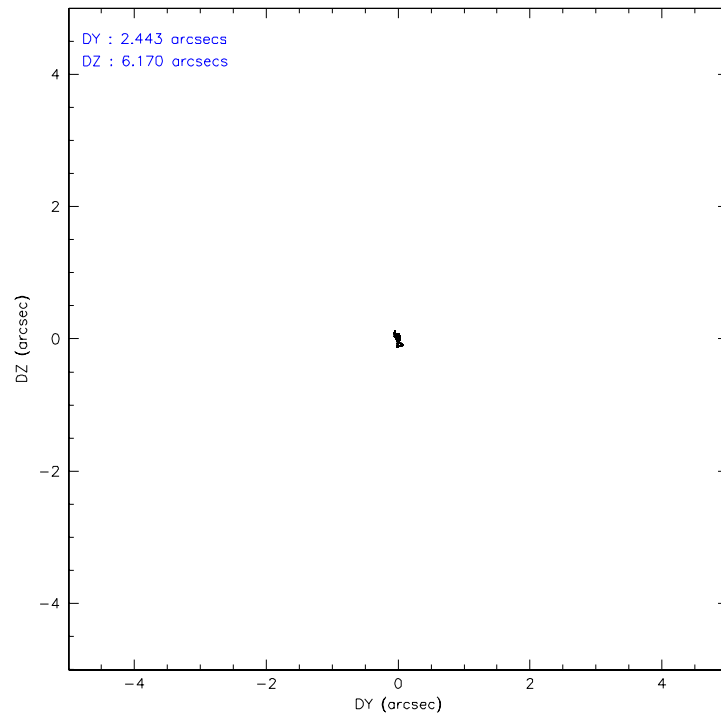
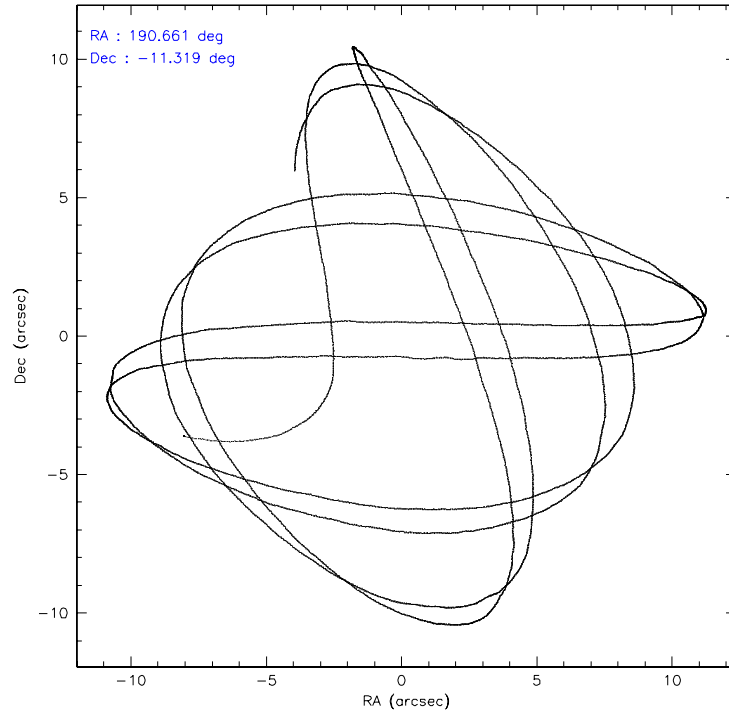
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	34235	30823	45059	31222	39587	38952
rejected events	30848	27561	25167	27682	24820	31442
rejected %	90%	89%	55%	88%	62%	80%

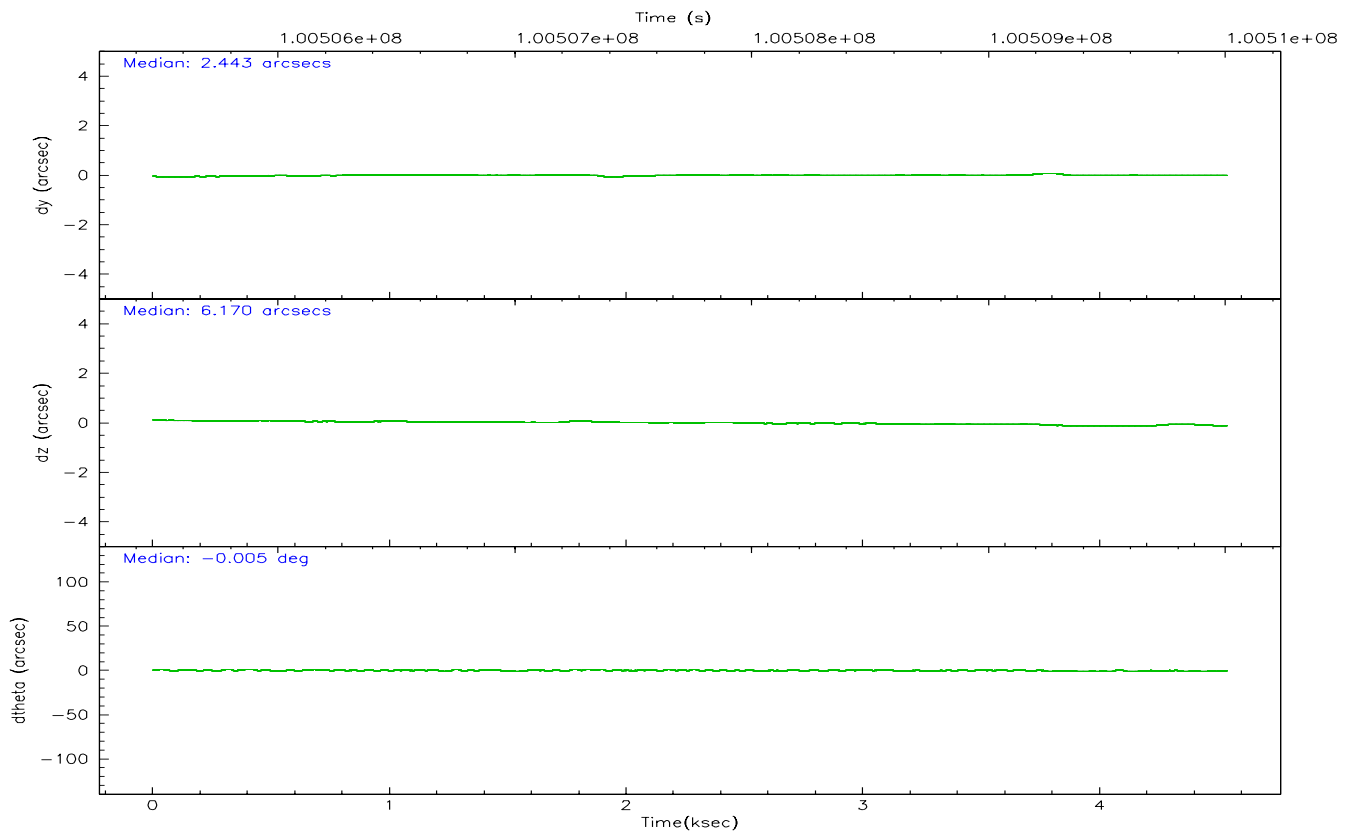
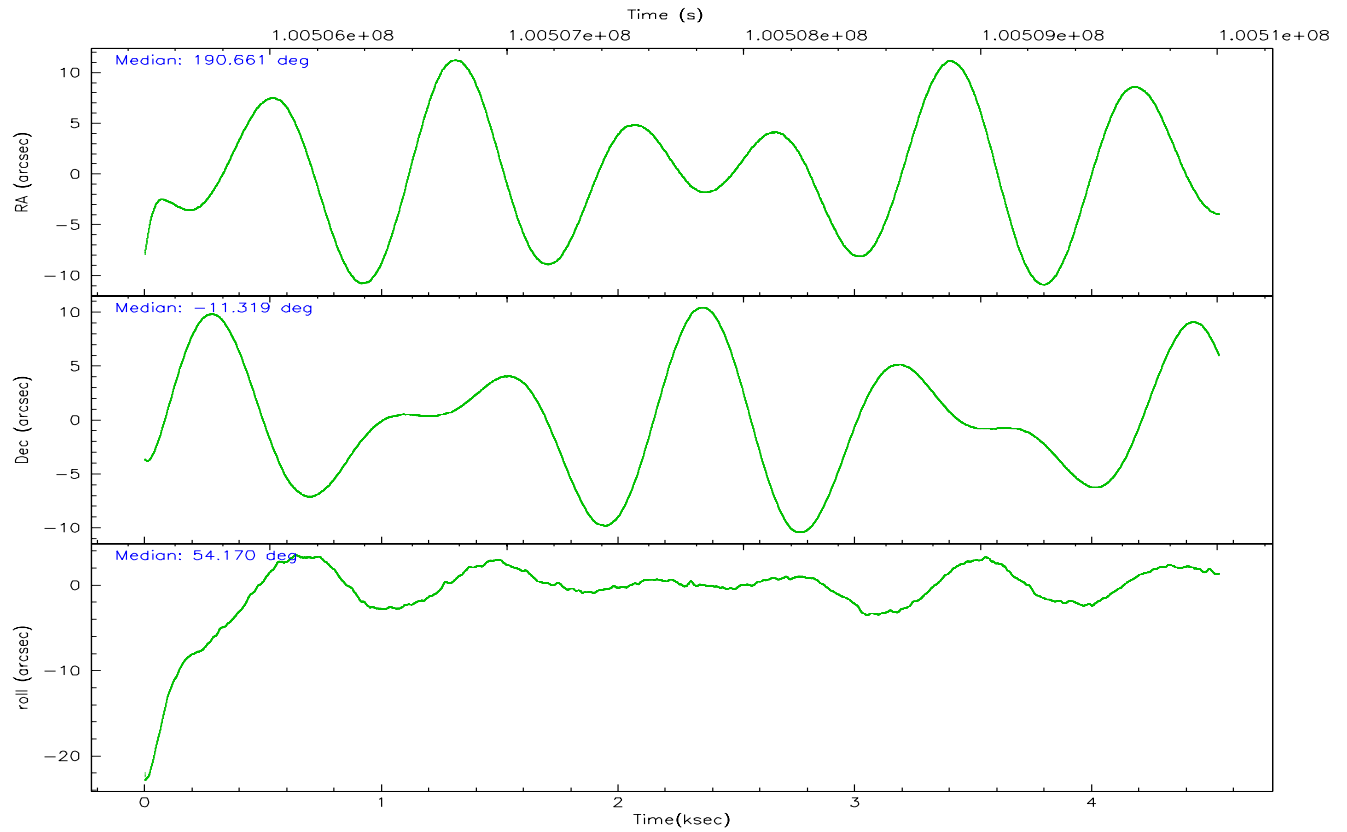
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1531	1471	2889	1513	1067	2520
	4%	4%	6%	4%	2%	6%
grade 1 events	20	11	47	11	23	20
	0%	0%	0%	0%	0%	0%
grade 2 events	718	640	5701	724	3652	1711
	2%	2%	12%	2%	9%	4%
grade 3 events	332	351	715	357	788	799
	0%	1%	1%	1%	1%	2%
grade 4 events	350	354	463	365	840	678
	1%	1%	1%	1%	2%	1%
grade 5 events	1069	1157	2272	1288	2706	1506
	3%	3%	5%	4%	6%	3%
grade 6 events	579	583	10899	719	8983	2063
	1%	1%	24%	2%	22%	5%
grade 7 events	29636	26256	22073	26245	21528	29655
	86%	85%	48%	84%	54%	76%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	190.658389	190.6609269709686	Subarray requested	NONE	NONE
Pointing Dec	-11.346788	-11.31942155637637	Alternating exposures requested	N	N
Pointing Roll	54.016286	54.17340201128965	Primary exposure time	0.000000	3.2
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	100505623.184000	100504459.69994			
Observation start date	2001-03-09T06:12:39	2001-03-09T05:54:19			
Observation end time	100510012.184000	100510326.28767			
Observation end date	2001-03-09T07:25:48	2001-03-09T07:32:06			
Read mode	TIMED	TIMED			

2.3 Aspect



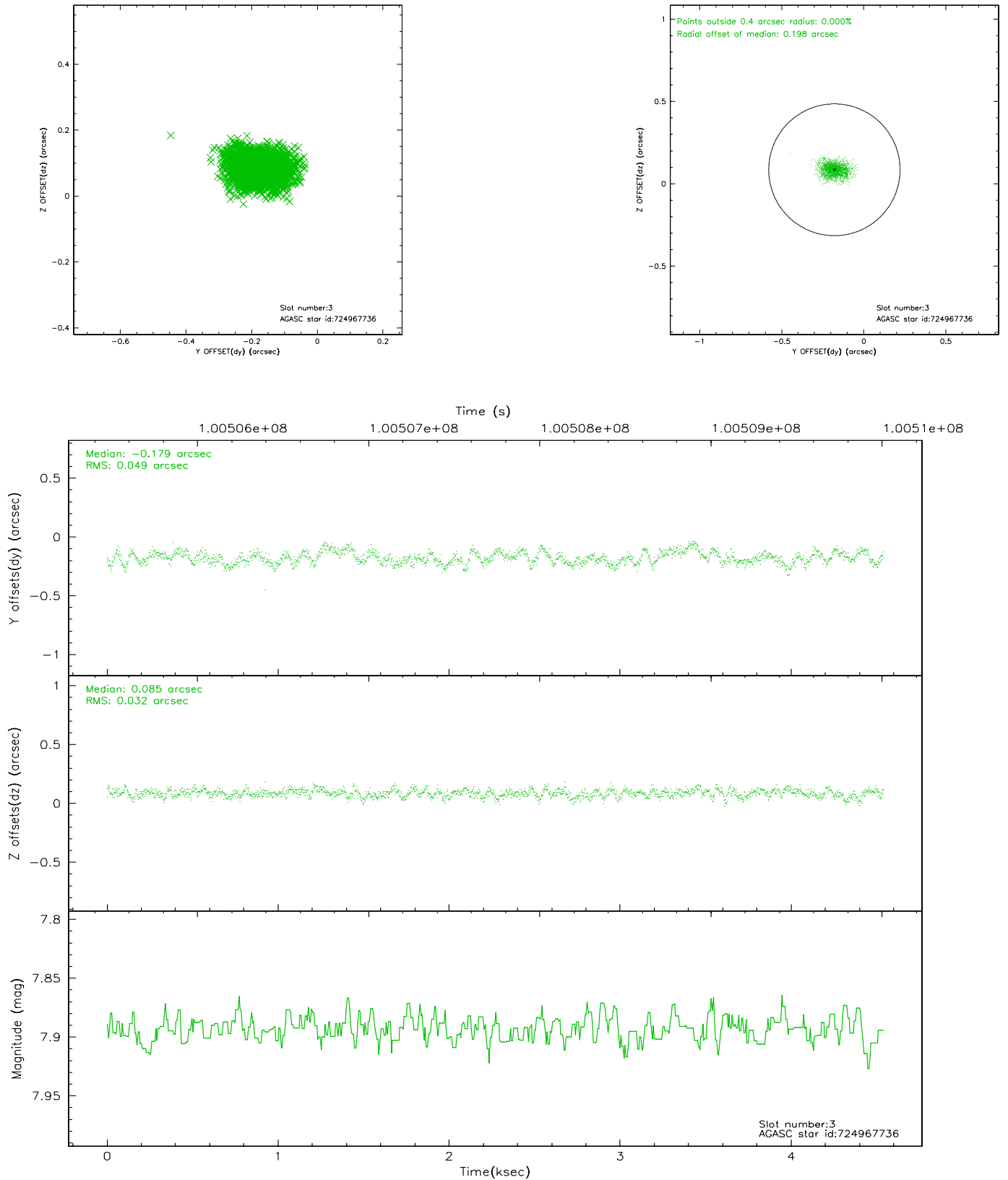


Slot Statistics

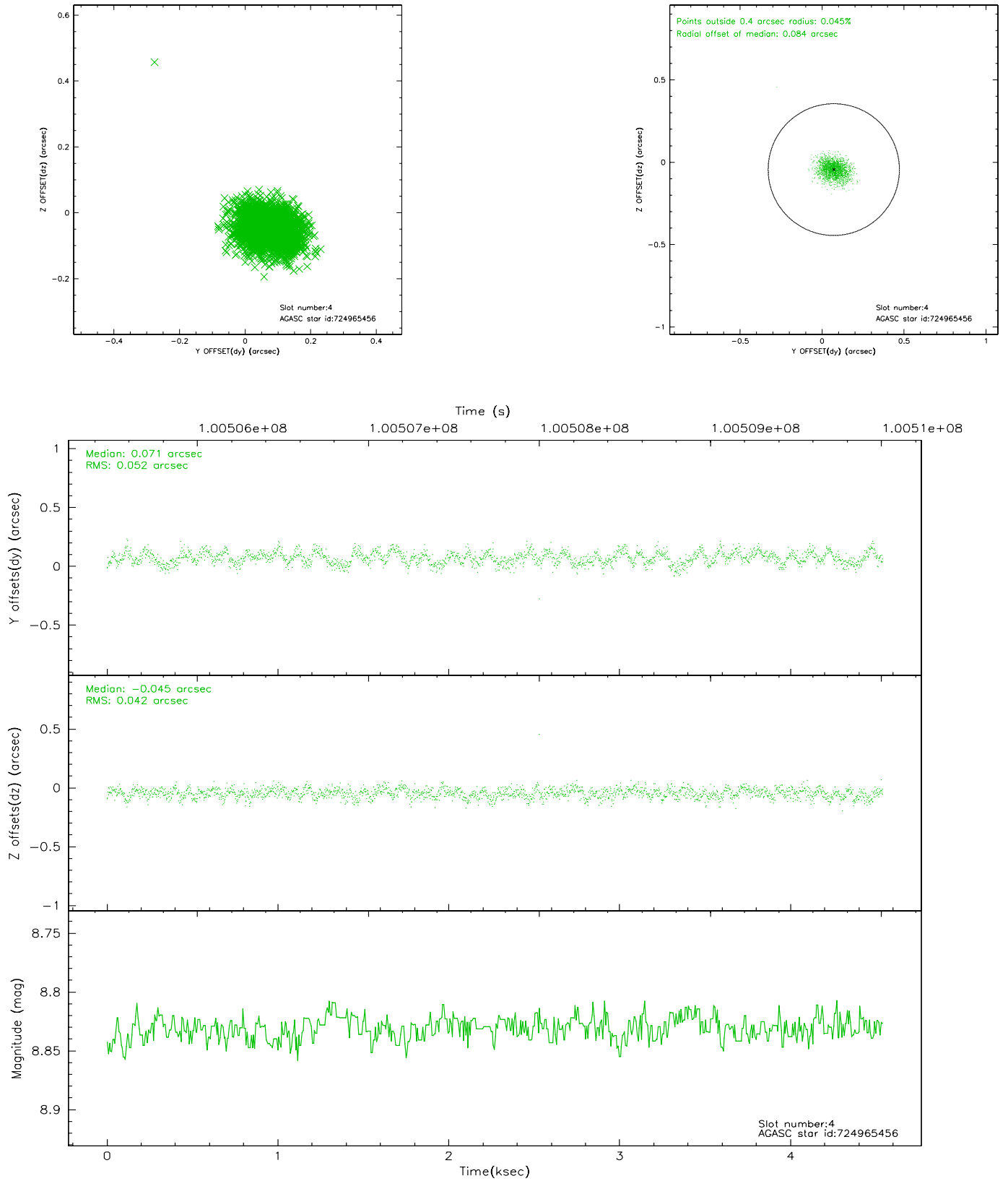
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1107	-0.020	0.026	0.006	0.012	0.000000	0.000000	-755.05	-1727.30
1	FID	ACIS-S-4	7.20	1107	-0.079	0.003	0.005	0.009	0.000000	0.000000	2157.52	179.82
2	FID	ACIS-S-5	7.23	1107	0.068	-0.020	0.006	0.011	0.000000	0.000000	-1806.09	174.94
3	GUIDE	724967736	7.89	2215	-0.179	0.085	0.062	0.104	191.267974	-10.999423	2274.30	-1009.33
4	GUIDE	724965456	8.83	2215	0.071	-0.045	0.070	0.112	190.440222	-11.591595	-1165.75	104.20
5	GUIDE	724971048	8.79	2215	-0.005	-0.073	0.060	0.098	190.547082	-11.185183	237.72	660.04
6	GUIDE	724969752	8.53	2215	-0.042	0.060	0.051	0.084	191.101692	-11.318790	998.79	-1207.13
7	GUIDE	724970568	9.26	2213	0.150	-0.025	0.075	0.123	190.273943	-11.584336	-1490.19	593.66

2.4 Star Slots

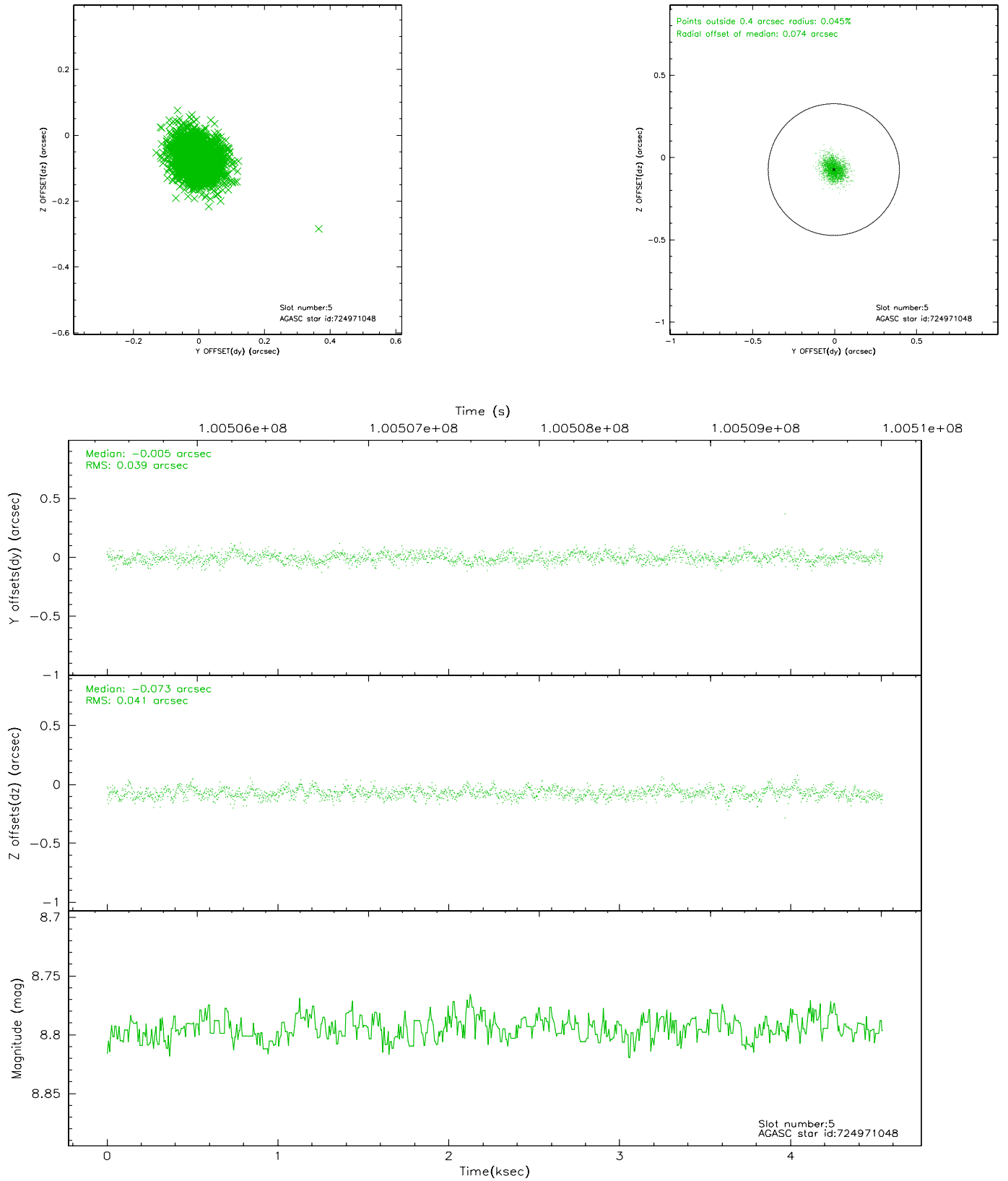
2.4.1 Slot 3



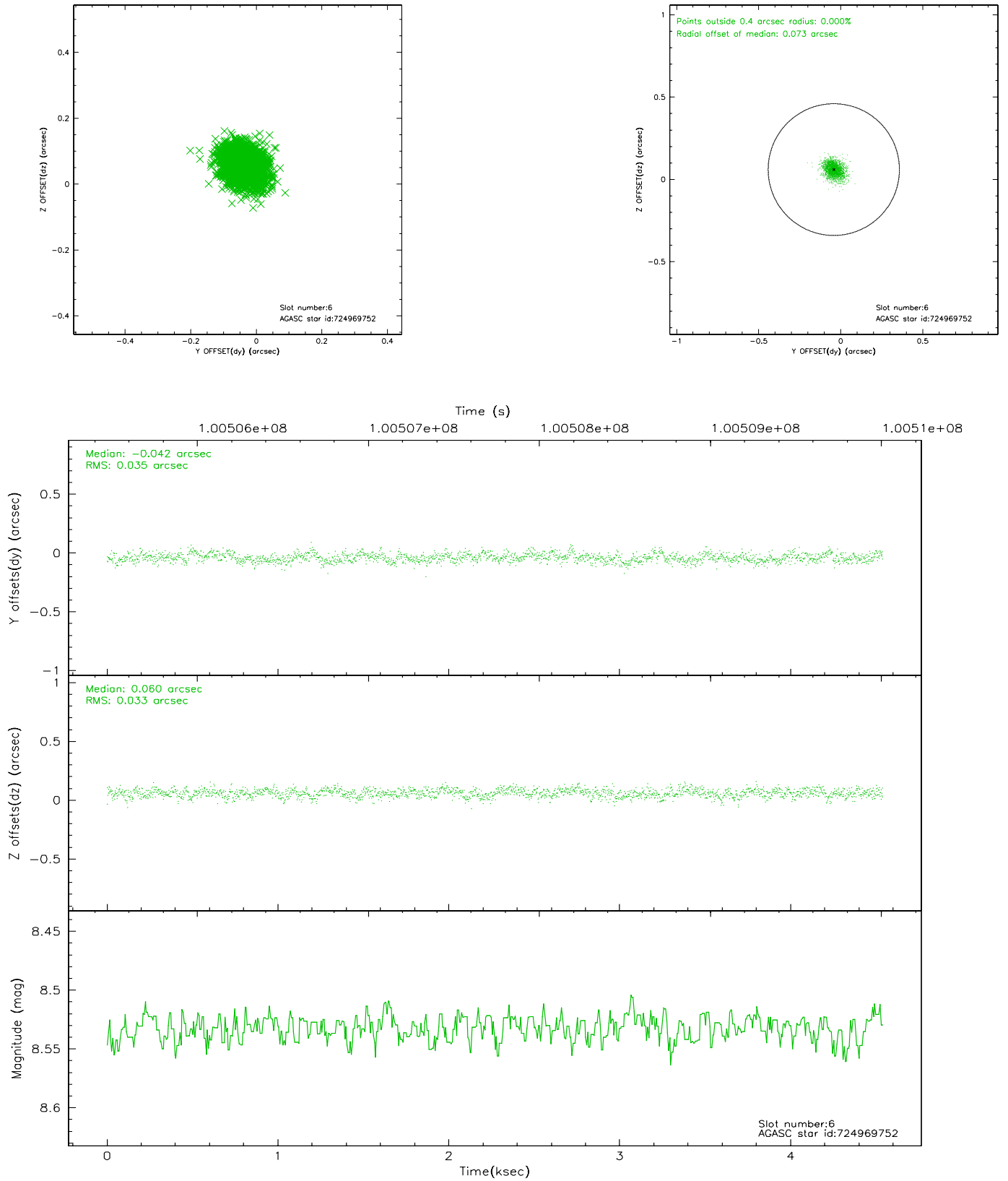
2.4.2 Slot 4



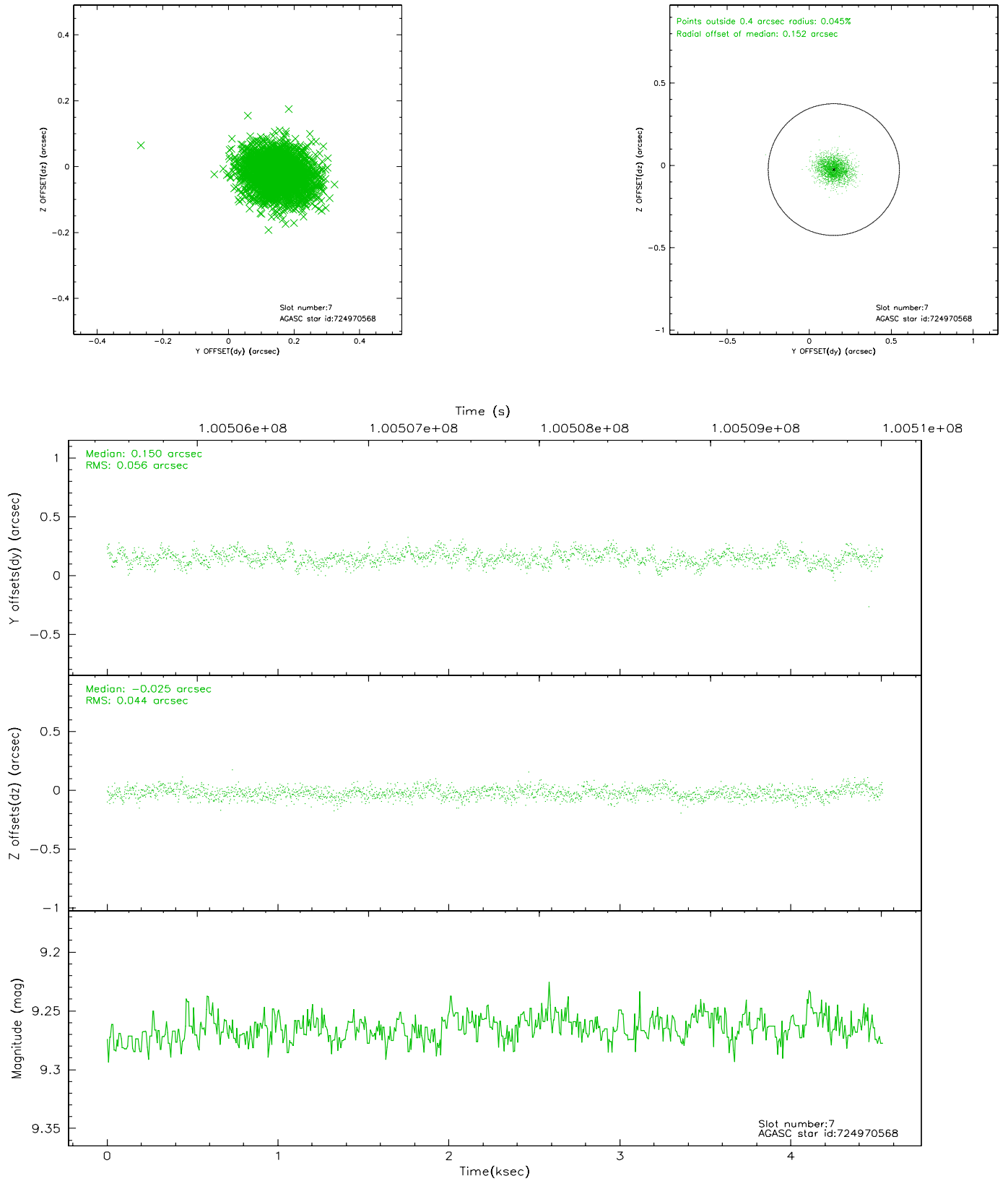
2.4.3 Slot 5



2.4.4 Slot 6

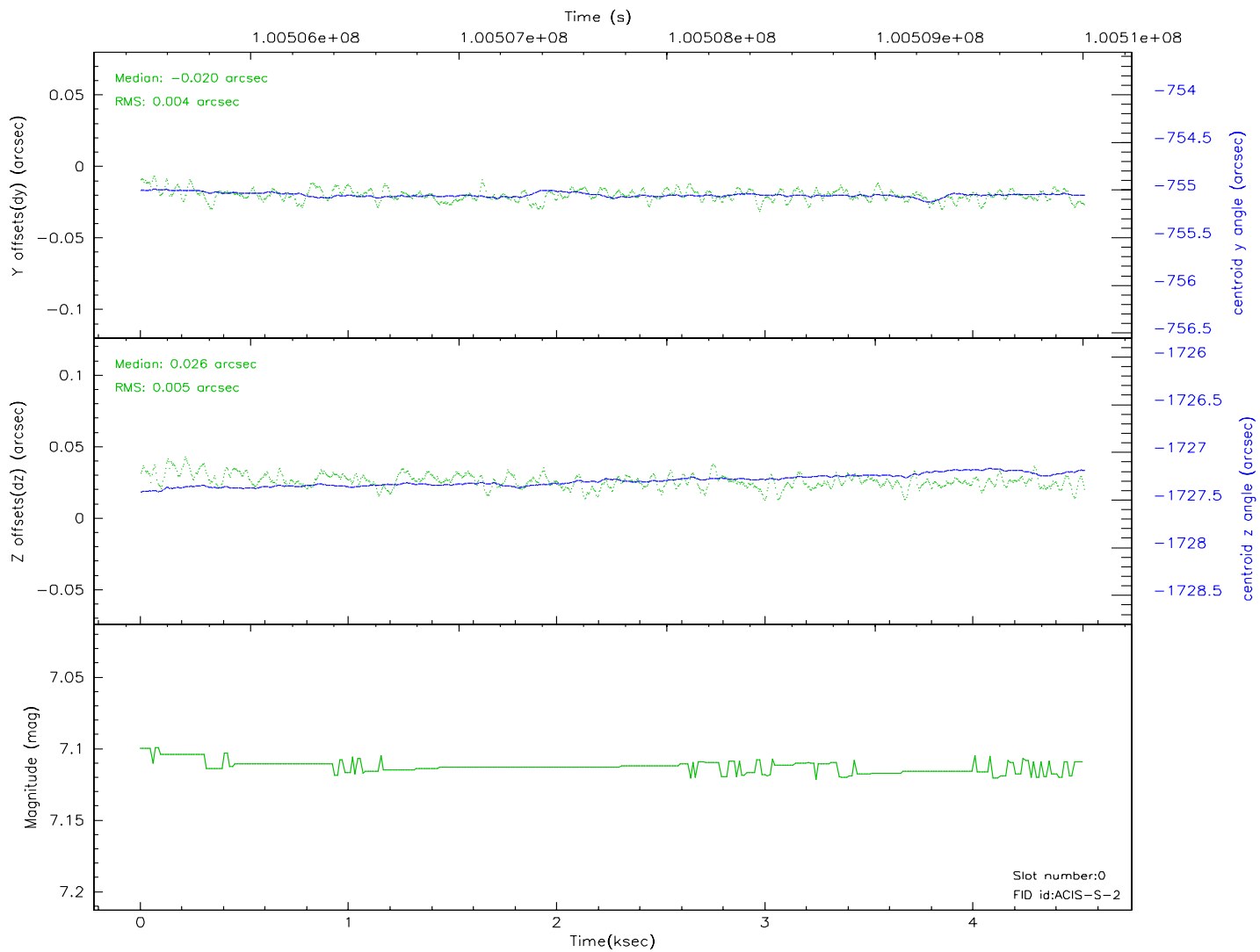
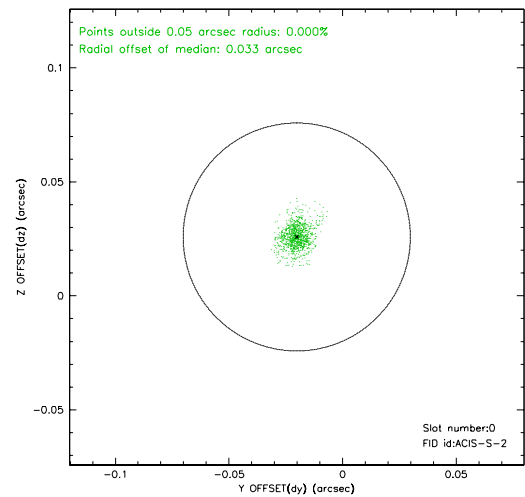
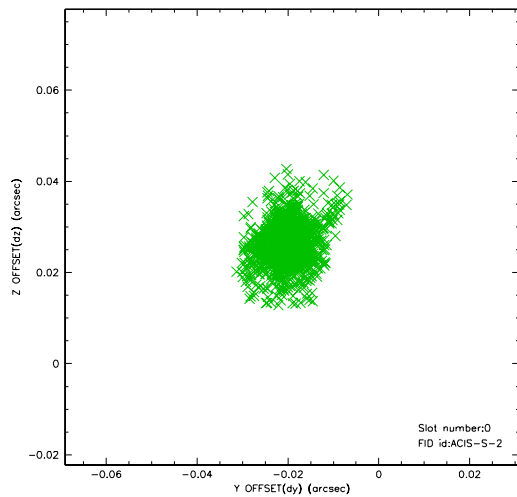


2.4.5 Slot 7

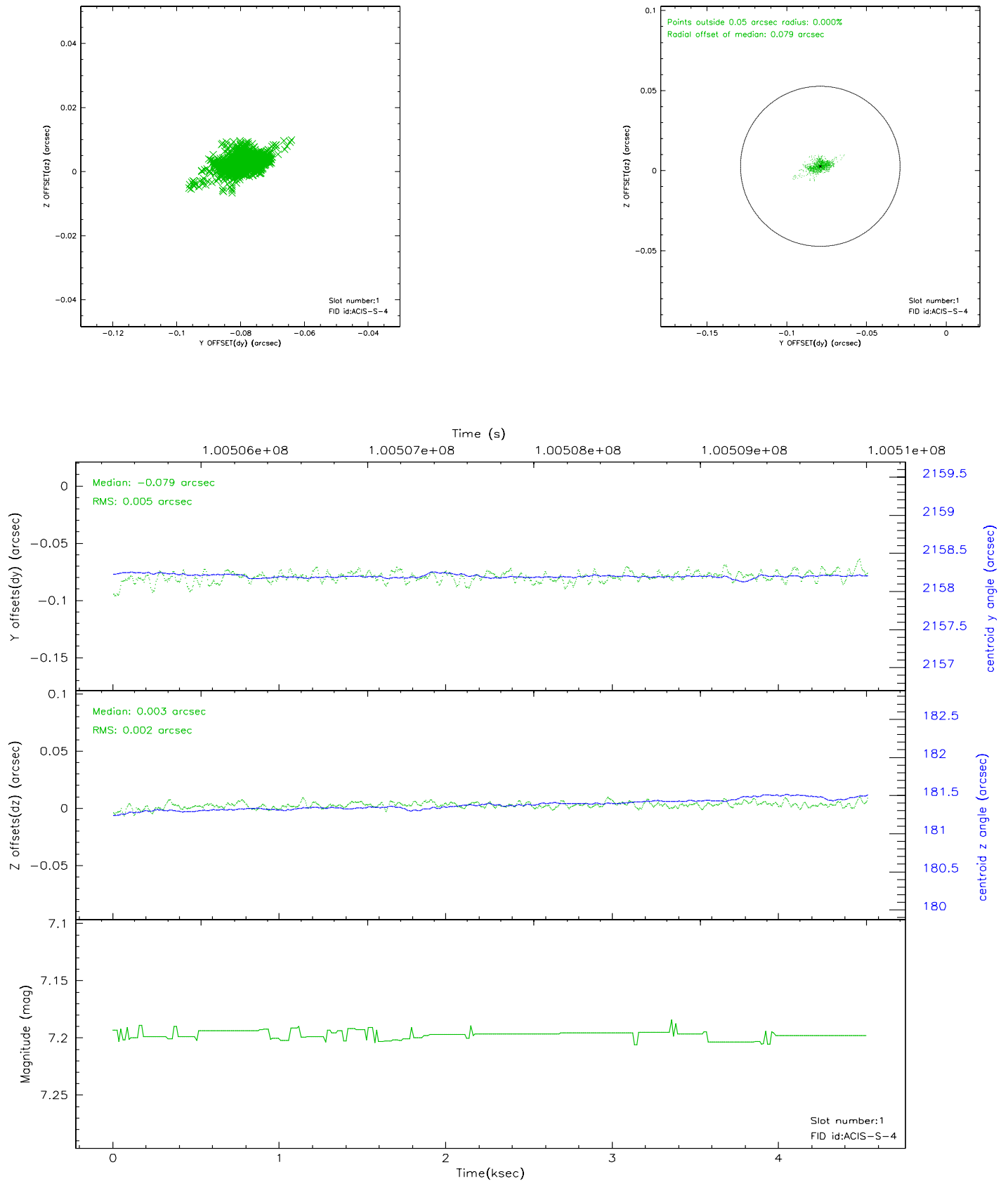


2.5 FID Slots

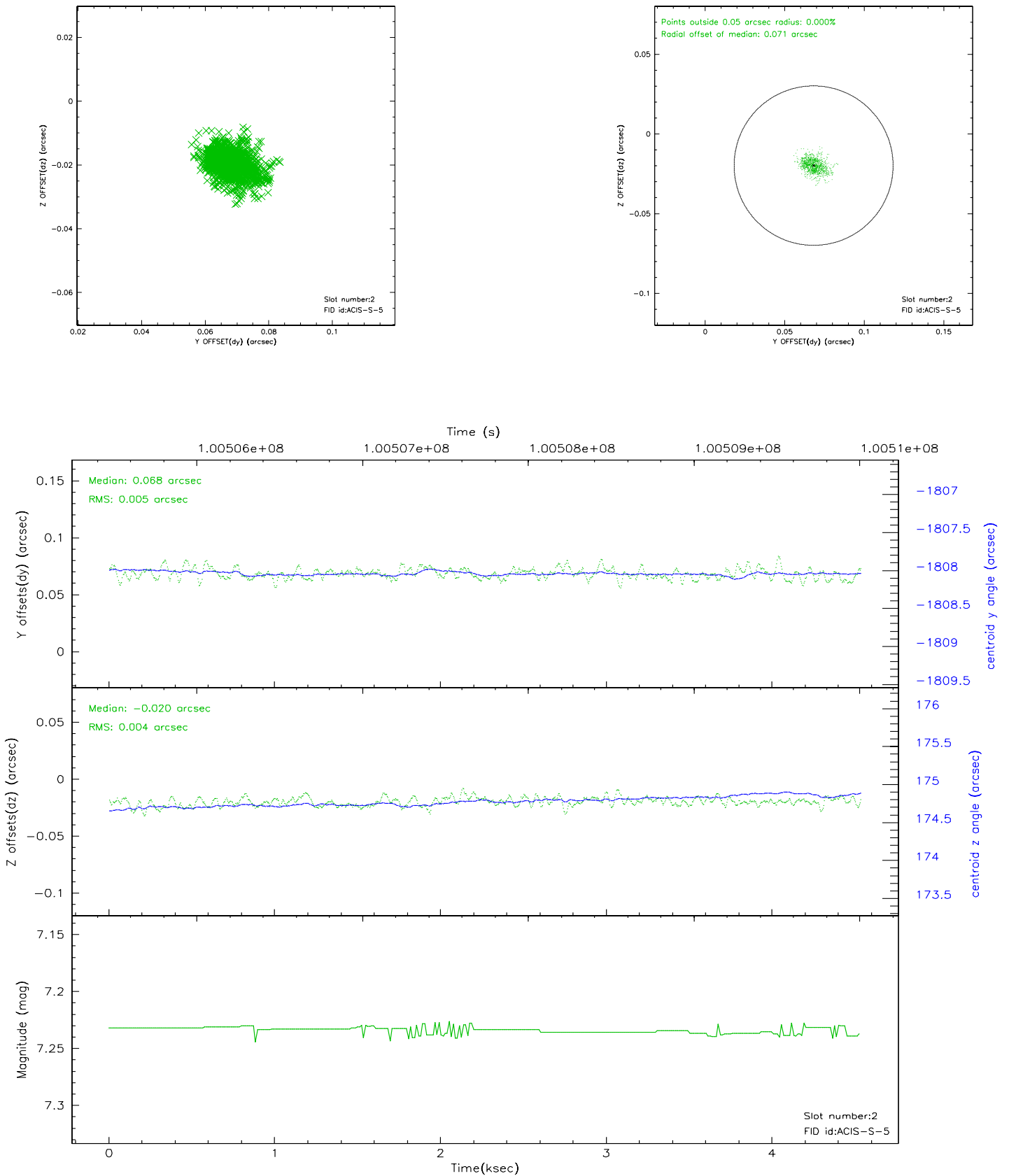
2.5.1 Slot 0



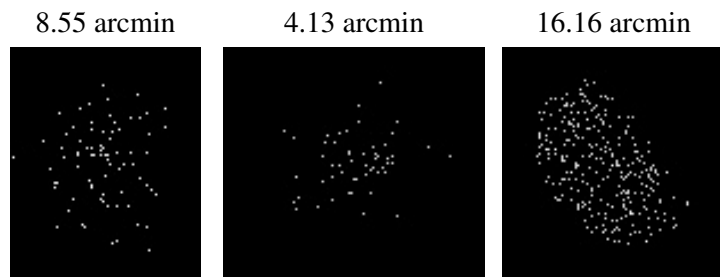
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.5

A.2 Comments

Charge time:

Charge time for this ObsId remains at previous value of 4.5 ks although with the current processing it would have been 4.53 ksec.