

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1972 - L2 Version 001
Chandra X-Ray Center

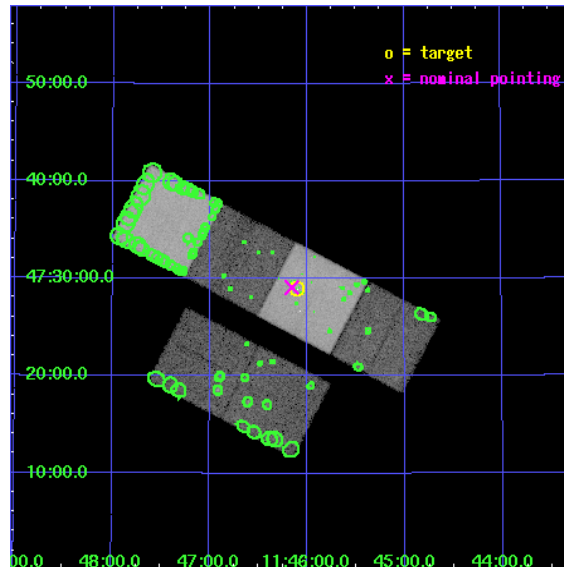
L2 Processing Date : Jan 10 2007

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1 Front

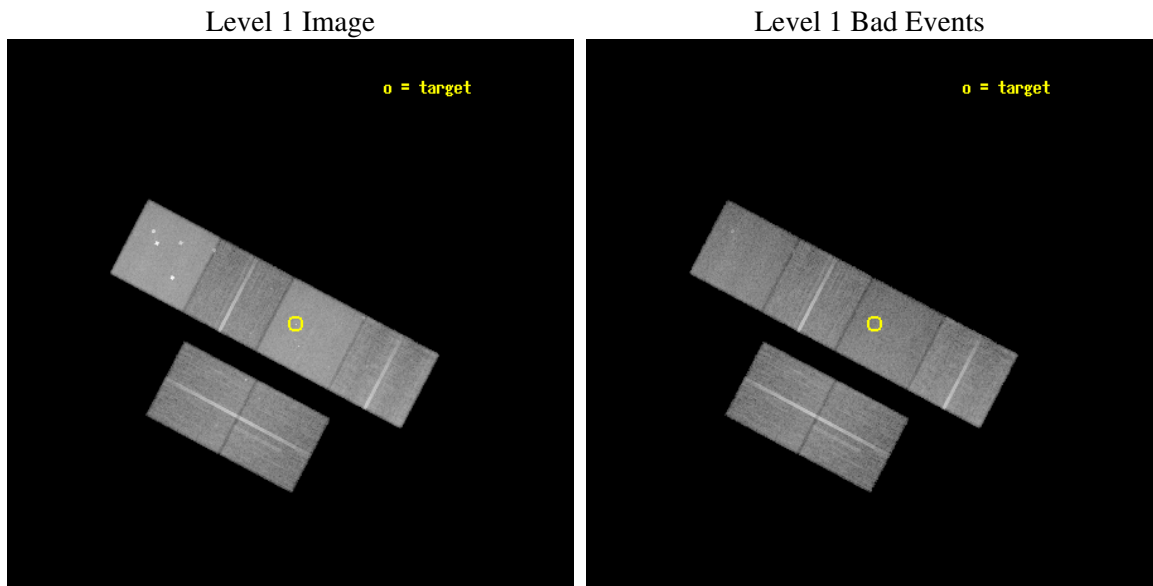
seq_num	500149
obs_id	1972
title	CONTINUING CHANDRA OBSERVATIONS OF THE X-RAY SUPERNOVAE SN 1999EM AND SN 1998S
observer	Prof. Walter Lewin
object	SN 1998S
dtcycle	0
cycle	P
ra_targ	176.525417
dec_targ	47.482167
ra_nom	176.53919222963
dec_nom	47.485106650982
roll_nom	27.757060321025
revision	2
ontime	29088.00002709
livetime	28719.670256056
ontime2	29088.00002709
ontime3	29088.00002709
ontime5	29088.00002709
ontime6	29088.00002709
ontime7	29088.00002709
ontime8	29084.75906685
l2events	382299



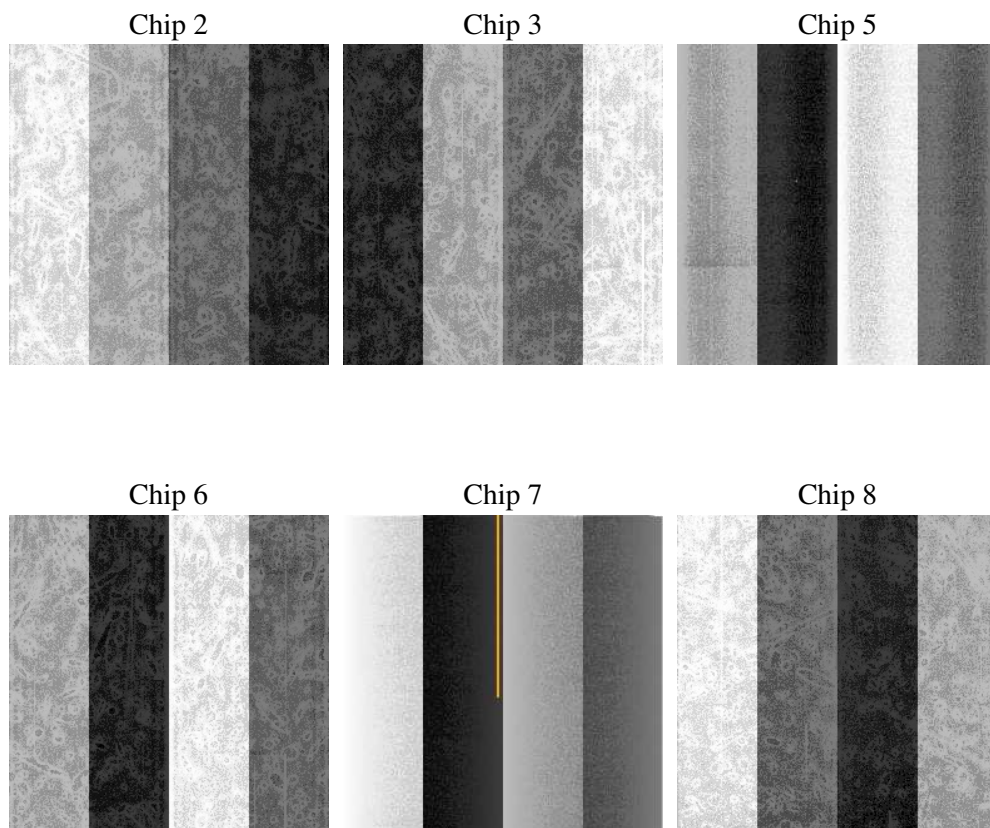
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2
ascdsver	7.6.10
caldsver	3.3.0
date	2007-01-10T13:42:33
revision	2

sched_exp_time	29331.652000
ontime	29088.00002709
ontime2	29088.00002709
ontime3	29088.00002709
ontime5	29088.00002709
ontime6	29088.00002709
ontime7	29088.00002709
ontime8	29084.75906685
l1events	1365391

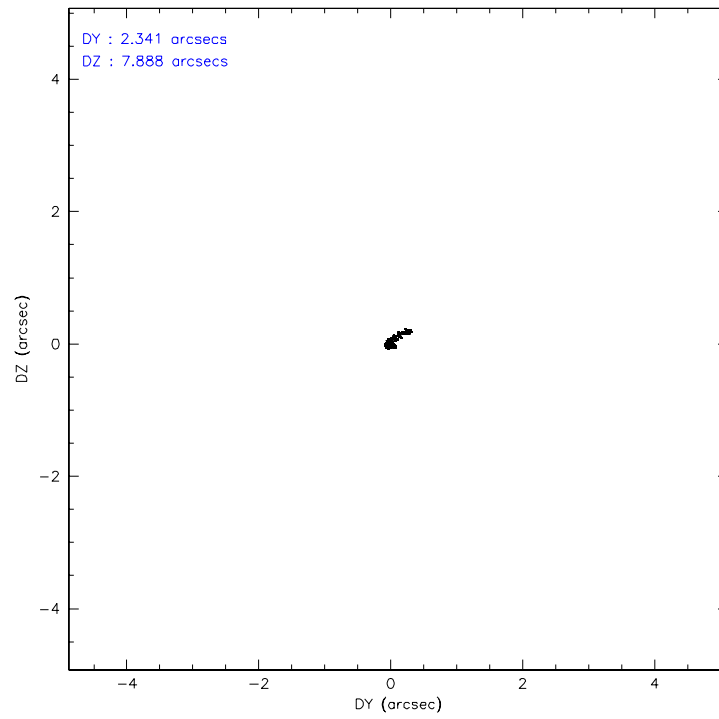
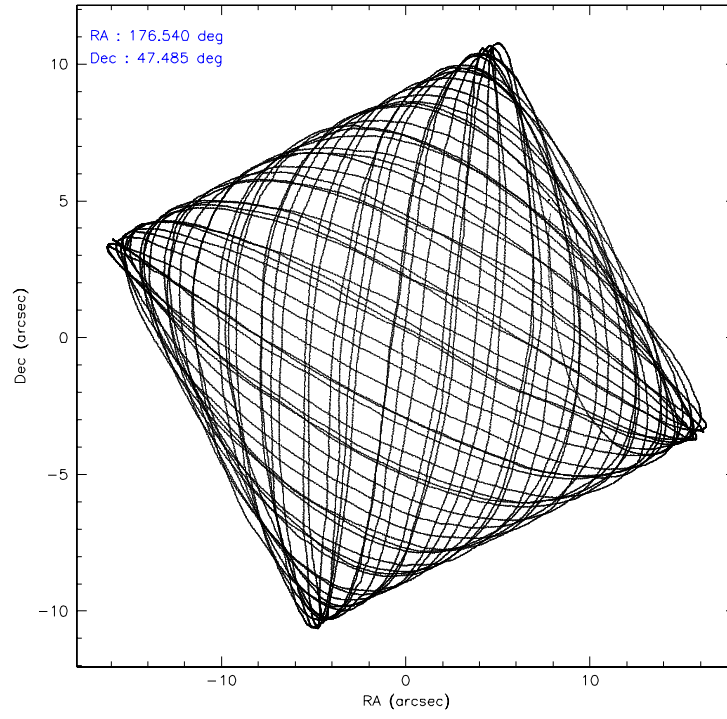
2.1.4 Events

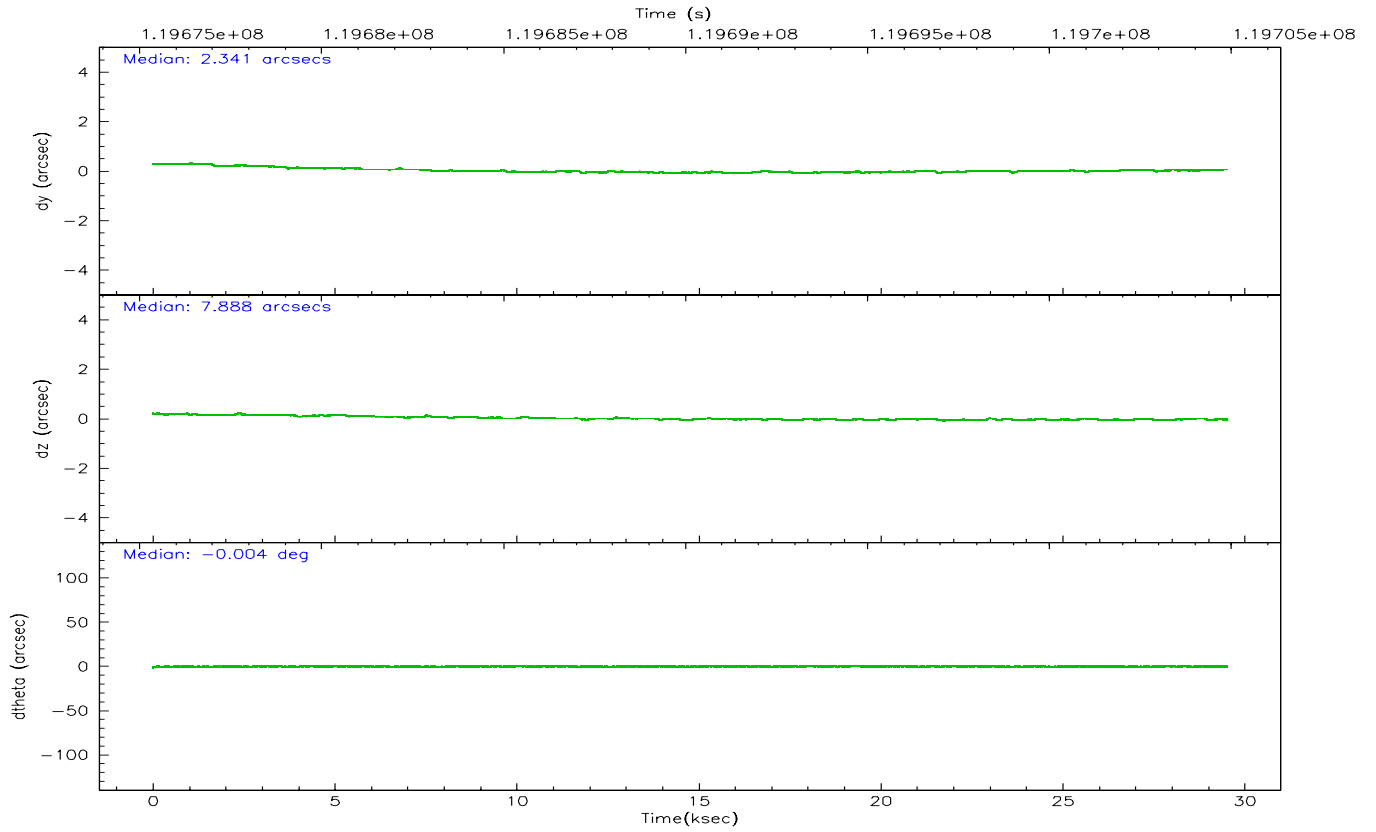
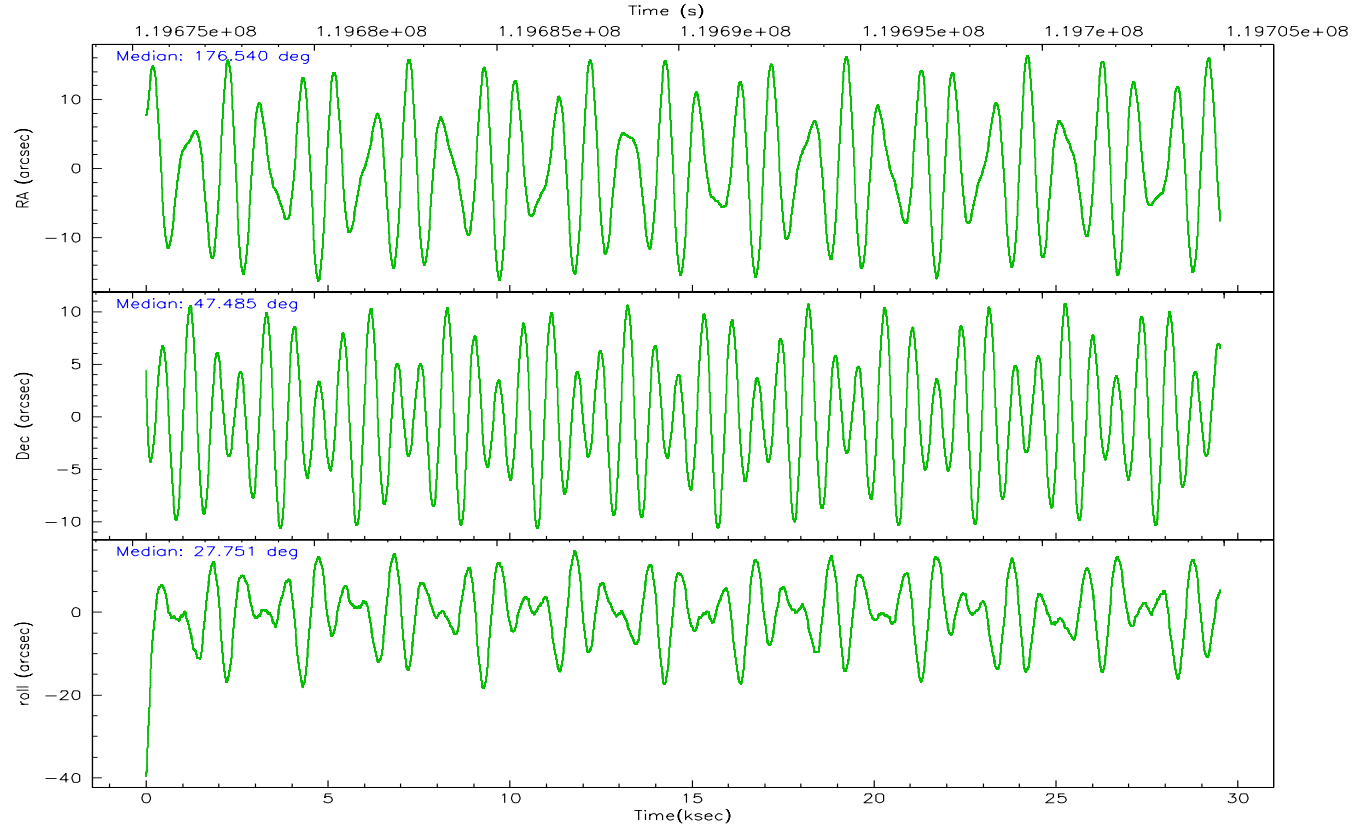
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	185957	176696	311474	183461	278897	228906	grade 0 events	11476	11025	31318	11802	16123	17376
rejected events	162297	153438	140700	158610	135310	180099		6%	6%	10%	6%	5%	7%
rejected %	87%	86%	45%	86%	48%	78%	grade 1 events	101	101	677	103	202	144
								0%	0%	0%	0%	0%	0%
							grade 2 events	4661	4308	45742	4623	27919	10356
								2%	2%	14%	2%	10%	4%
							grade 3 events	1923	2100	8519	2072	12567	4945
								1%	1%	2%	1%	4%	2%
							grade 4 events	2003	2059	8160	2123	12662	4558
								1%	1%	2%	1%	4%	1%
							grade 5 events	6310	7001	19696	7692	22183	9805
								3%	3%	6%	4%	7%	4%
							grade 6 events	3602	3773	77087	4237	74360	11573
								1%	2%	24%	2%	26%	5%
							grade 7 events	155881	146329	120275	150809	112881	170149
								83%	82%	38%	82%	40%	74%

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	176.518033	176.539192229627	Subarray requested	NONE	NONE
Pointing Dec	47.461879	47.48510665098155	Alternating exposures requested	N	N
Pointing Roll	27.616040	27.75706032102494	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	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	119675547.184000	119674944.22499			
Observation start date	2001-10-17T03:11:23	2001-10-17T03:02:24			
Observation end time	119704879.184000	119705194.02619			
Observation end date	2001-10-17T11:20:15	2001-10-17T11:26:34			
Read mode	TIMED	TIMED			

2.3 Aspect



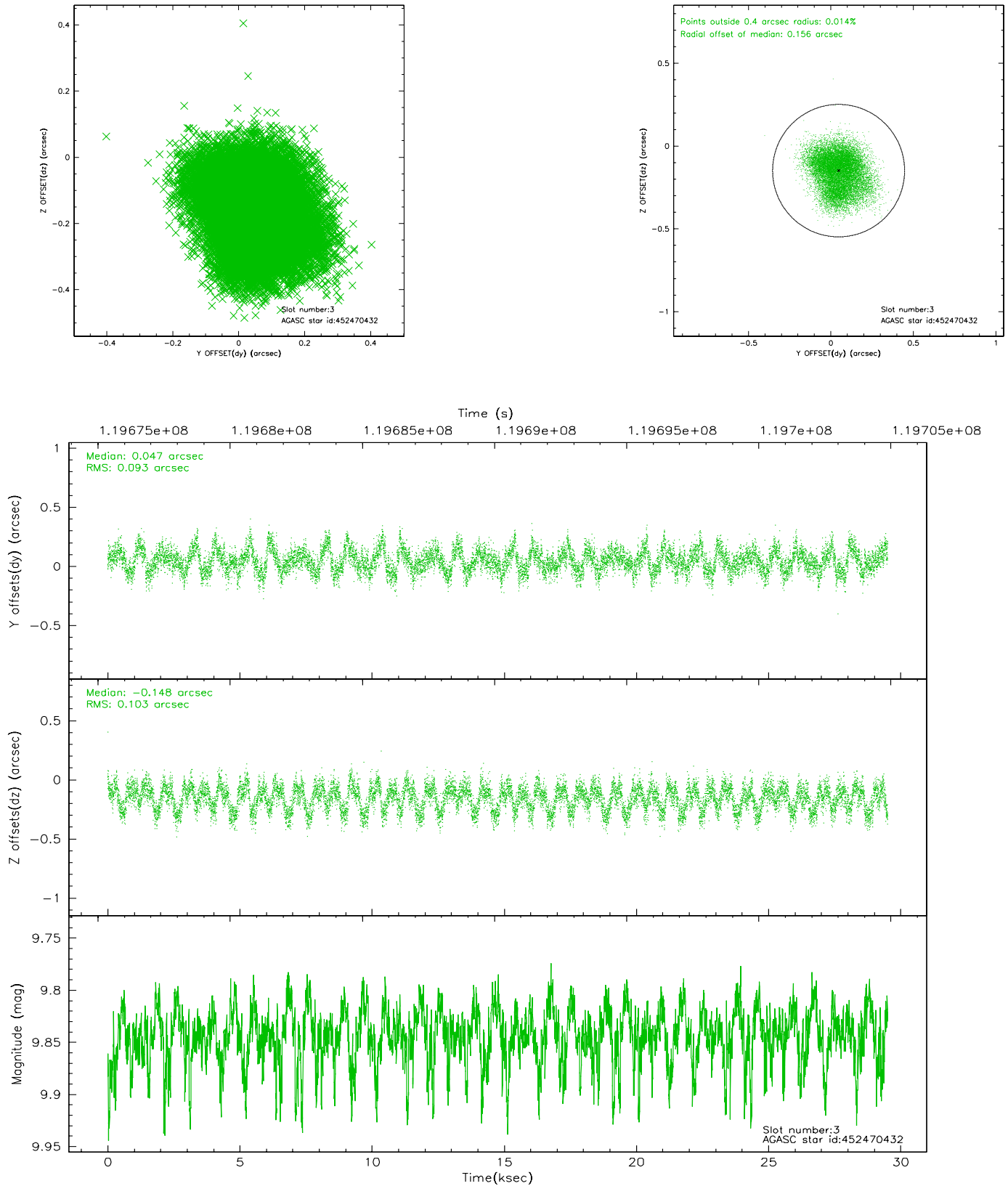


Slot Statistics

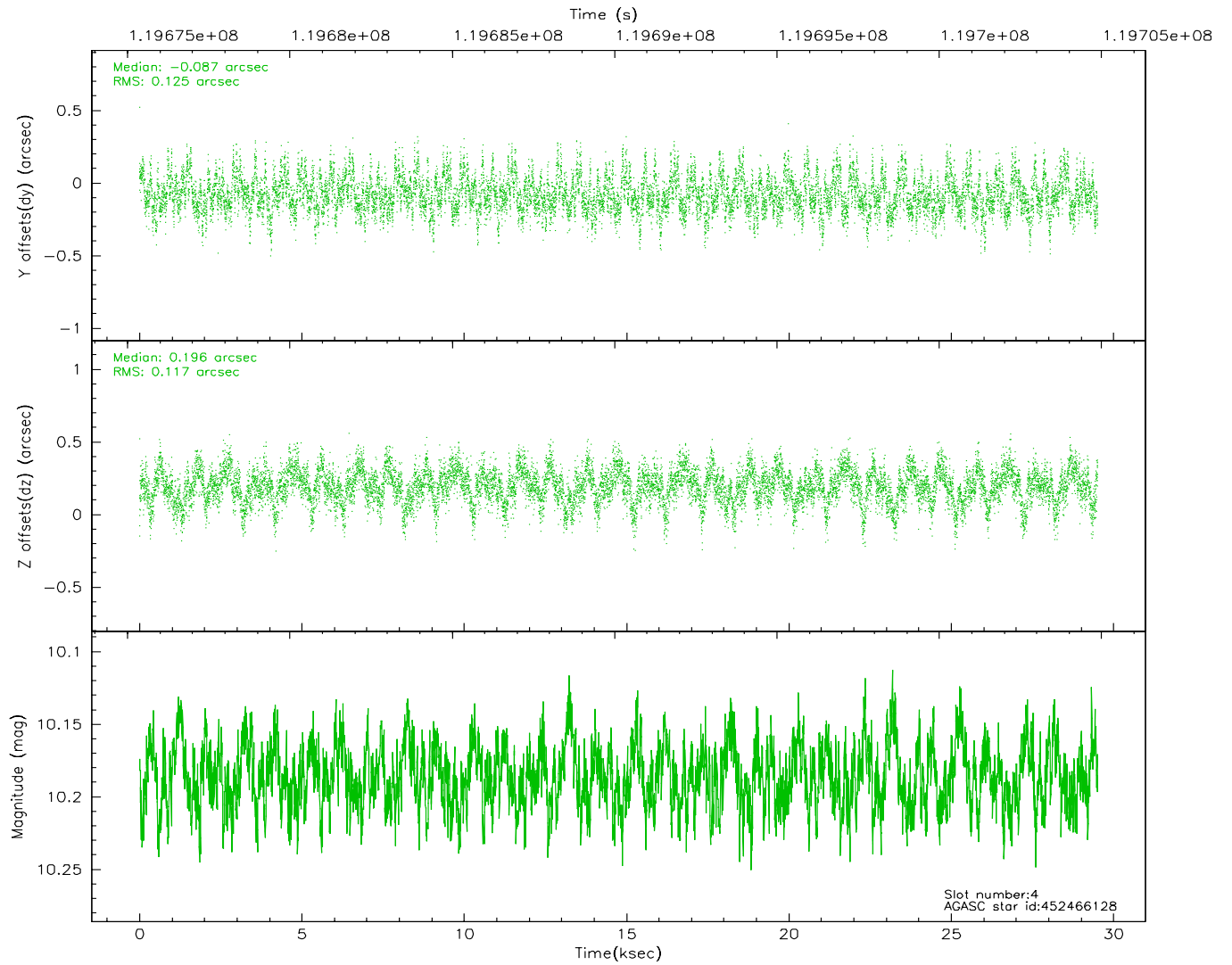
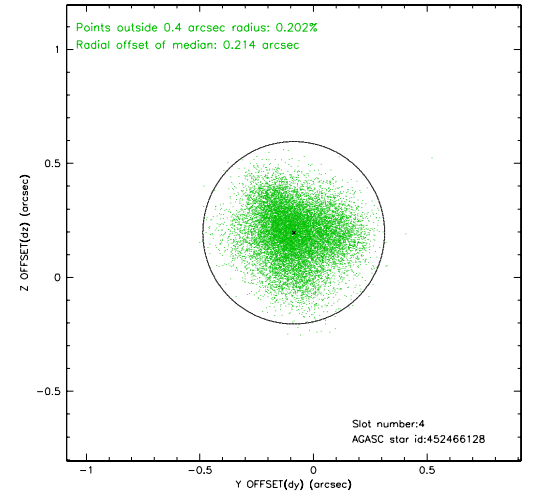
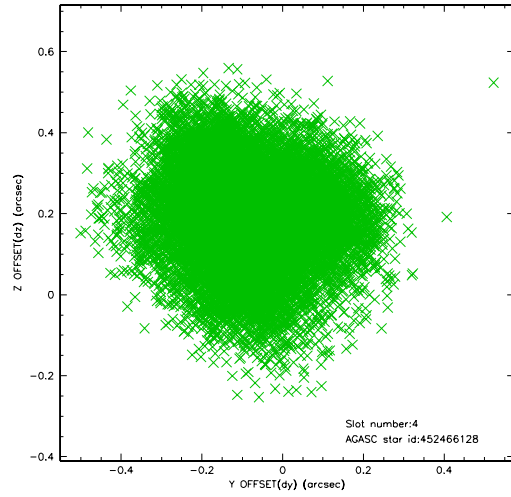
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	7199	0.001	0.012	0.007	0.013	0.000000	0.000000	-755.01	-1729.04
1	FID	ACIS-S-4	7.20	7198	-0.083	-0.004	0.006	0.010	0.000000	0.000000	2158.16	179.33
2	FID	ACIS-S-5	7.24	7198	0.051	0.000	0.007	0.013	0.000000	0.000000	-1807.69	173.12
3	GUIDE	452470432	9.84	14379	0.047	-0.148	0.150	0.230	176.712094	47.890435	1129.44	1150.60
4	GUIDE	452466128	10.19	14380	-0.087	0.196	0.186	0.292	177.327482	47.076111	1118.92	-2140.80
5	GUIDE	452468032	9.84	14387	0.006	0.045	0.114	0.204	176.120312	46.601291	-2307.24	-2287.11
6	GUIDE	452474496	9.79	14396	0.178	-0.115	0.126	0.202	175.552399	47.604662	-1832.77	1554.64
7	GUIDE	452471776	10.12	14392	-0.142	0.039	0.114	0.186	176.906039	48.172782	2011.58	1838.63

2.4 Star Slots

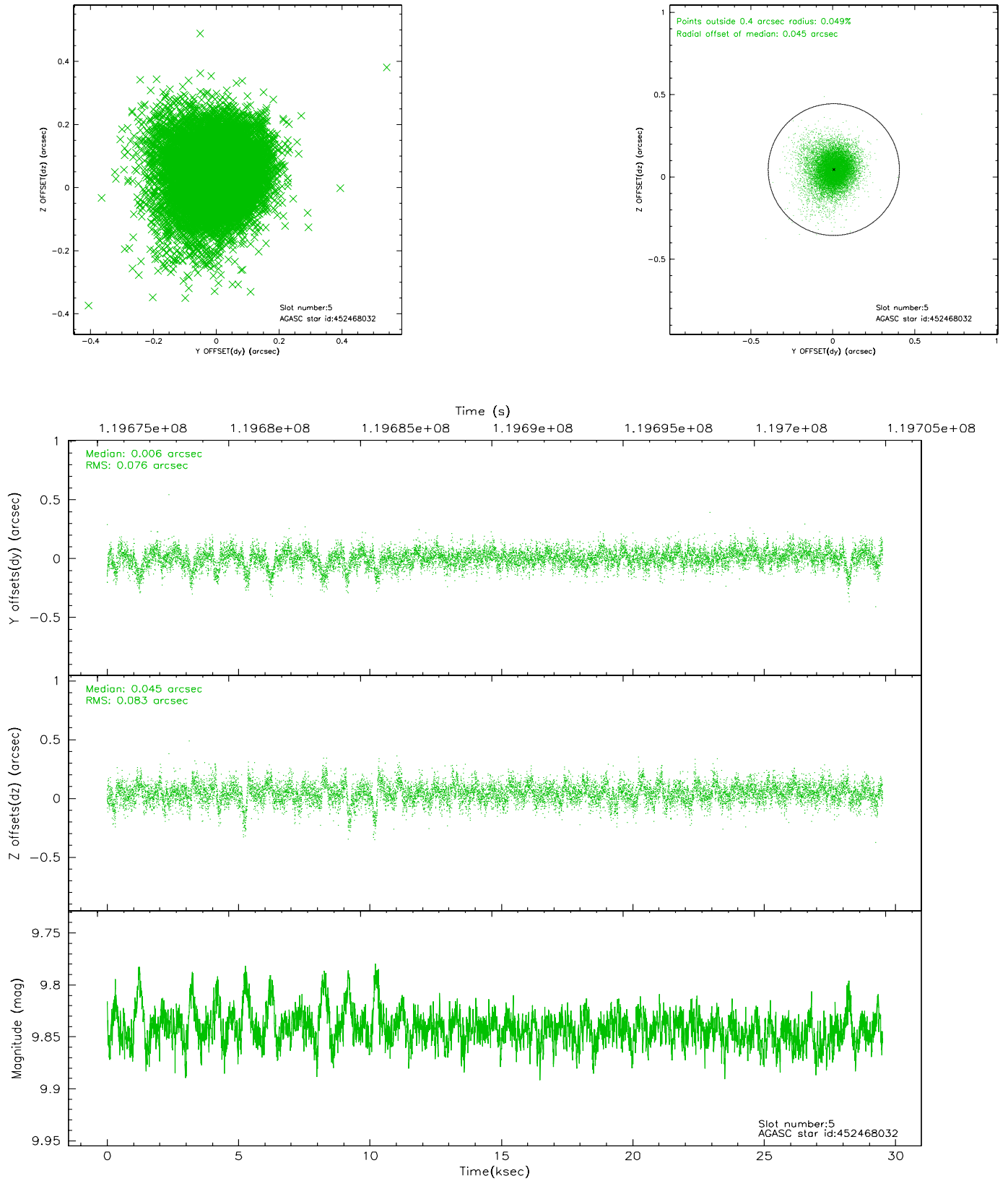
2.4.1 Slot 3



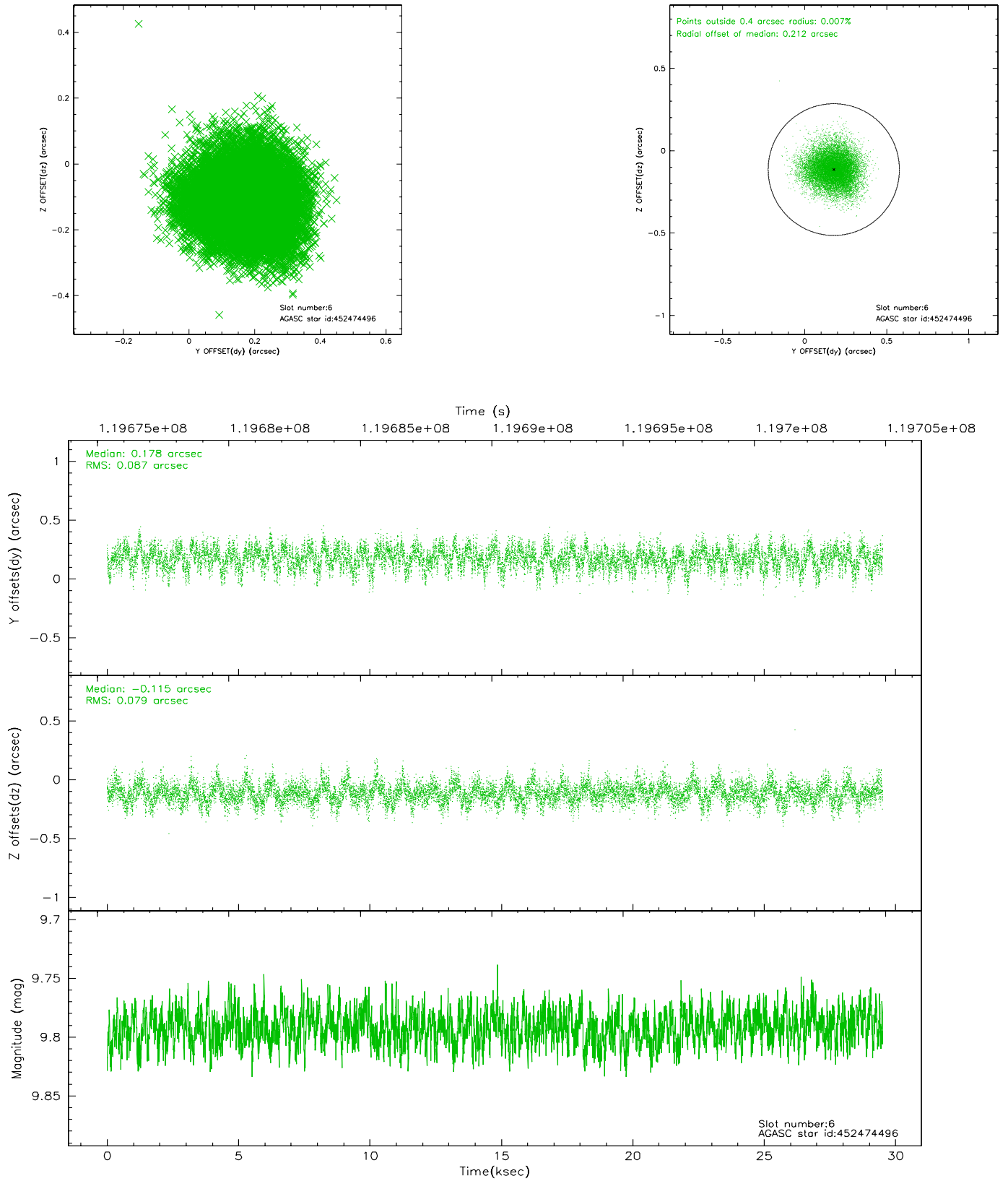
2.4.2 Slot 4



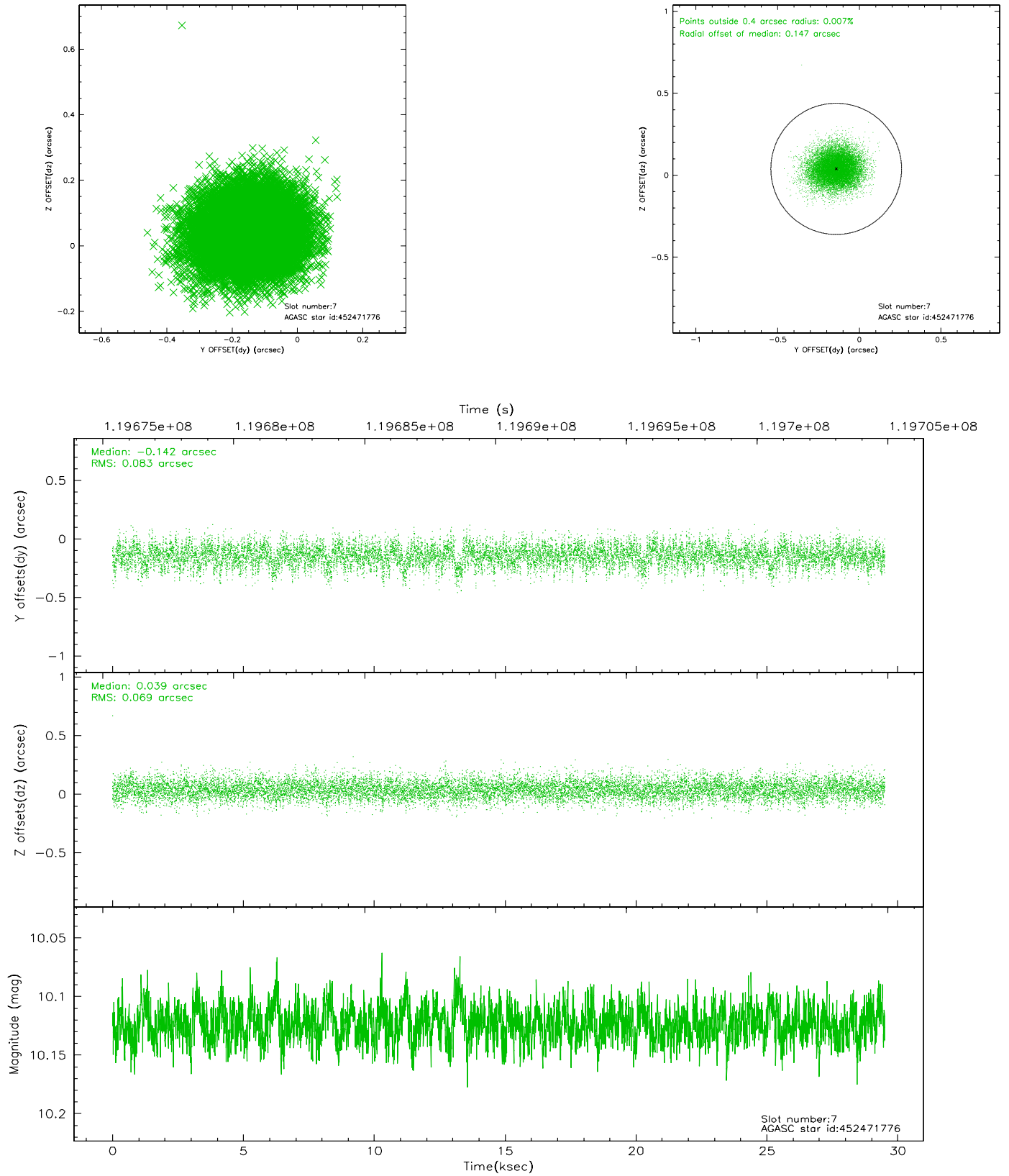
2.4.3 Slot 5



2.4.4 Slot 6

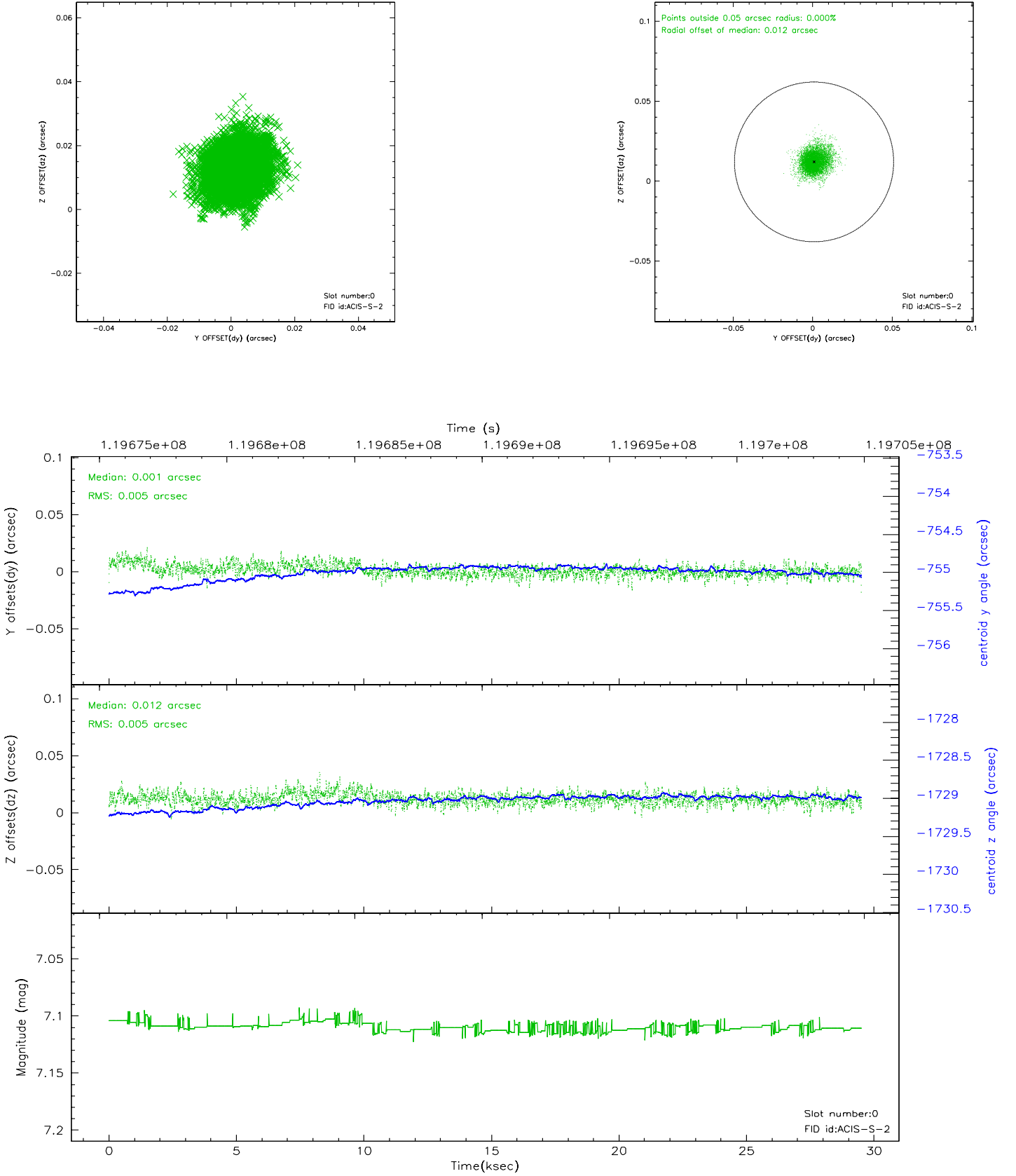


2.4.5 Slot 7

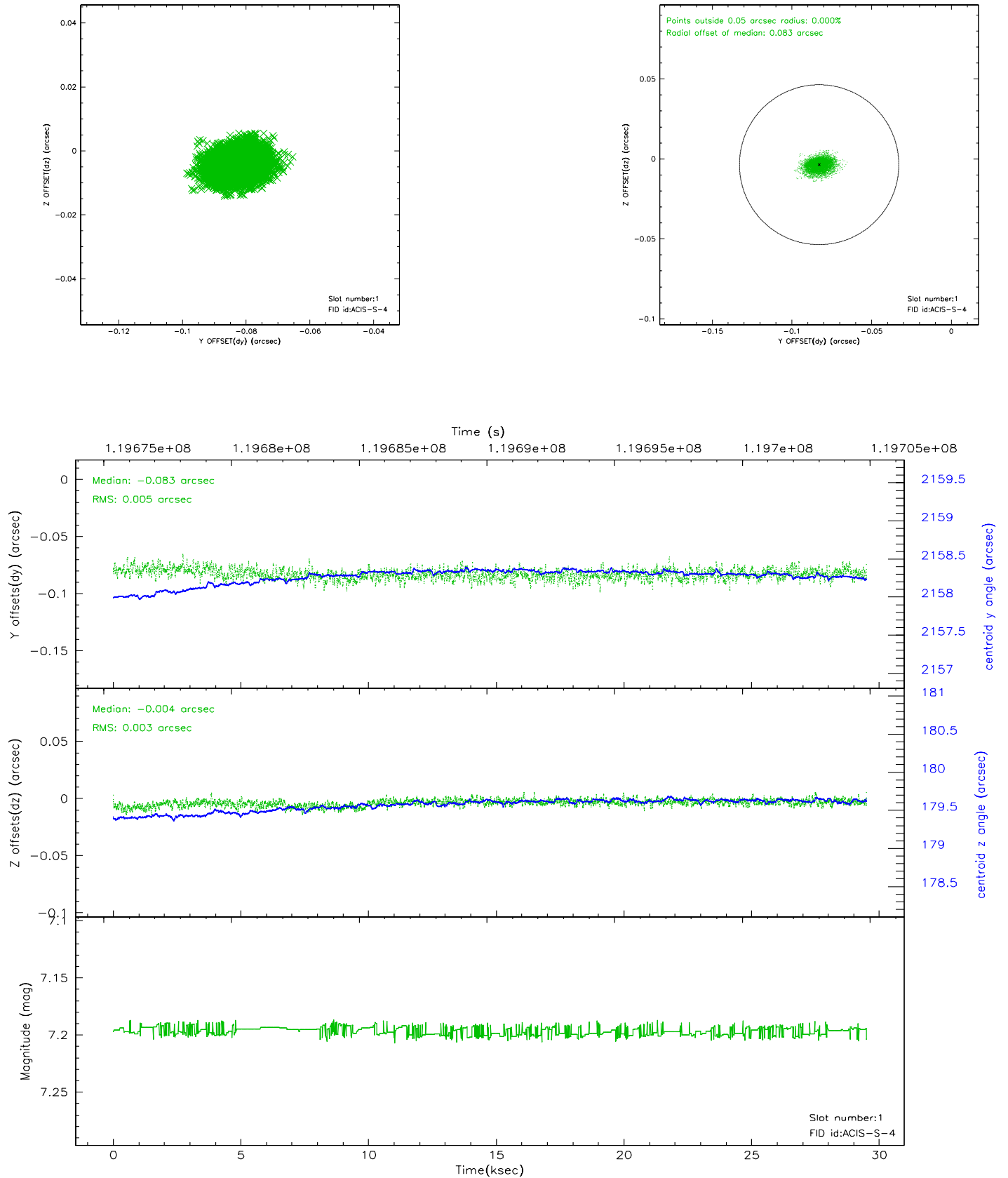


2.5 FID Slots

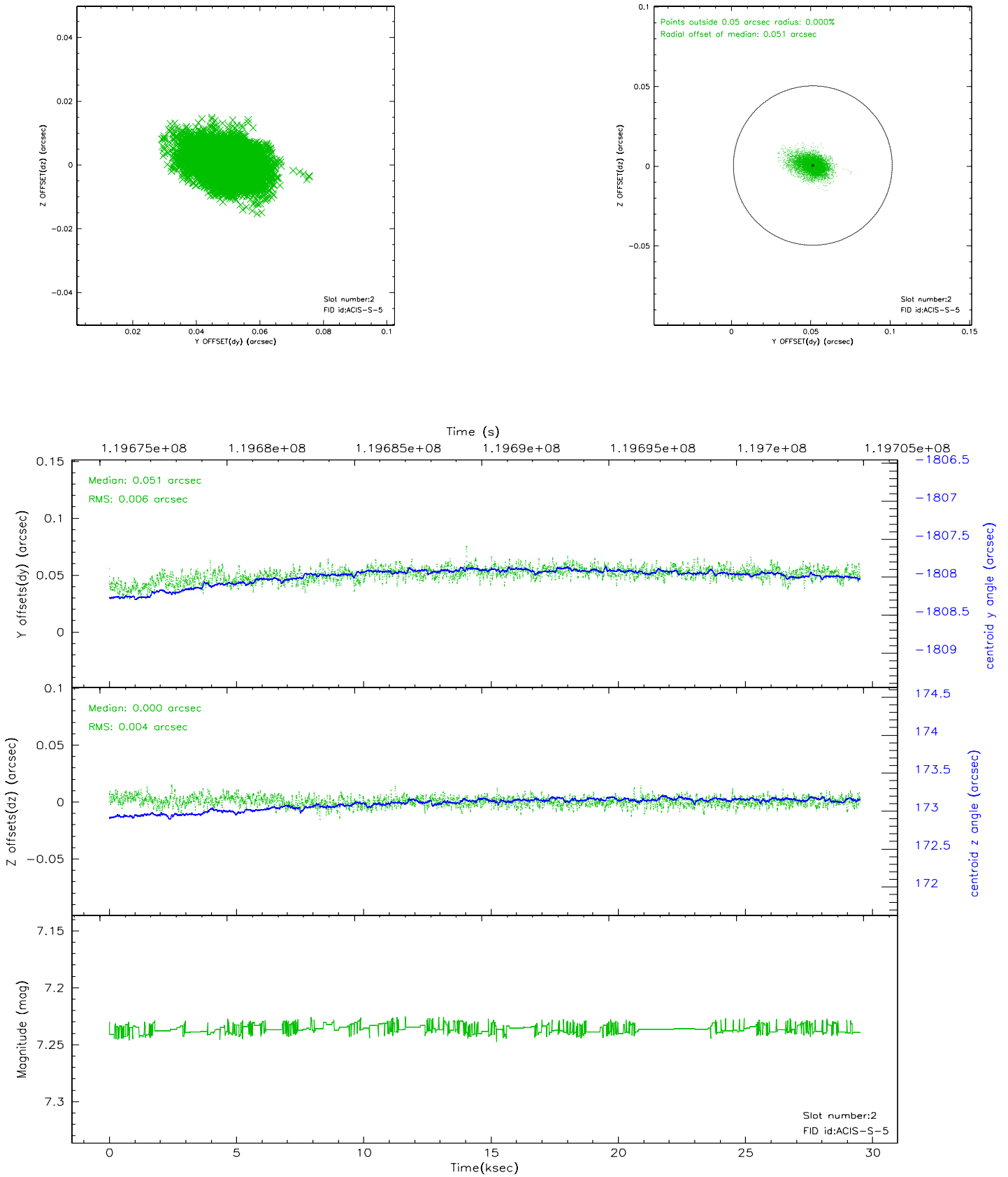
2.5.1 Slot 0



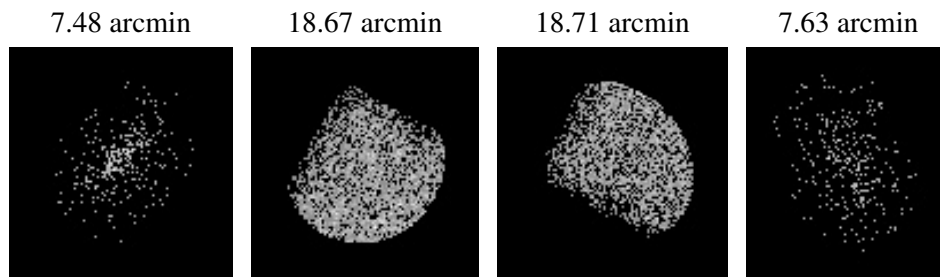
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.01.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.091

A.2 Comments