

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2099 - L2 Version 001
Chandra X-Ray Center

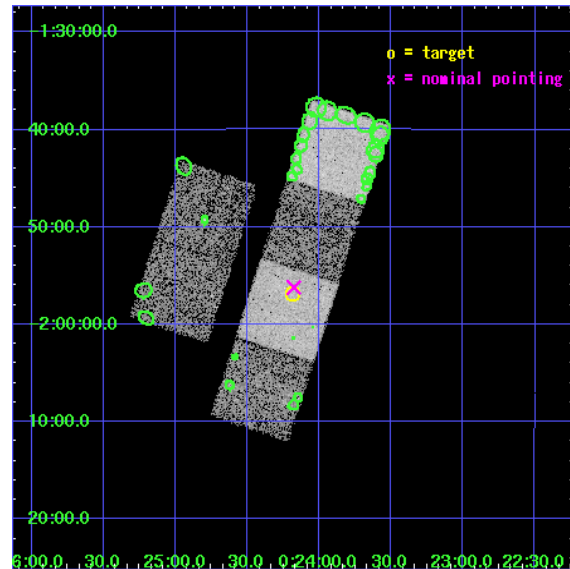
L2 Processing Date : Dec 21 2006

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1 Front

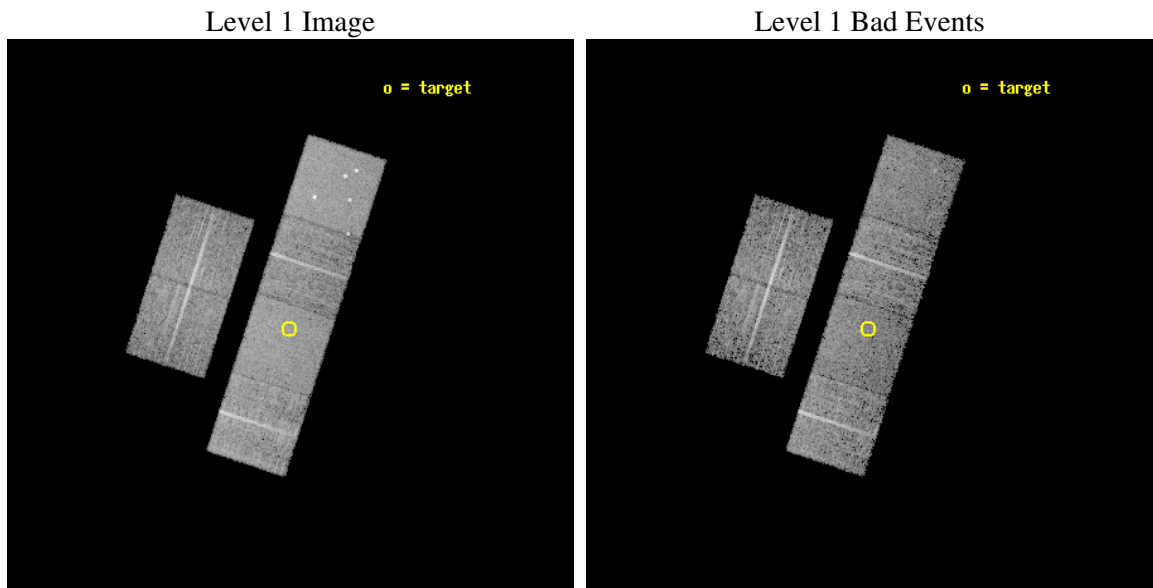
seq_num	700289
obs_id	2099
title	PUBLIC OBSERVATIONS OF A WELL-DEFINED SAMPLE OF BAL QSOS FROM THE LARGE BRIGHT QUASAR SURVEY: REMOVING THE BARRIERS
observer	Prof. William Brandt
object	LBQS 0021-0213
dtcycle	0
cycle	P
ra_targ	6.045417
dec_targ	-1.946444
ra_nom	6.044093595588
dec_nom	-1.9367941026381
roll_nom	108.05997298387
revision	2
ontime	6832.0000063628
livetime	6745.4891085457
ontime2	6828.7590361238
ontime3	6832.0000063628
ontime5	6832.0000063628
ontime6	6832.0000063628
ontime7	6832.0000063628
ontime8	6832.0000063628
l2events	74435



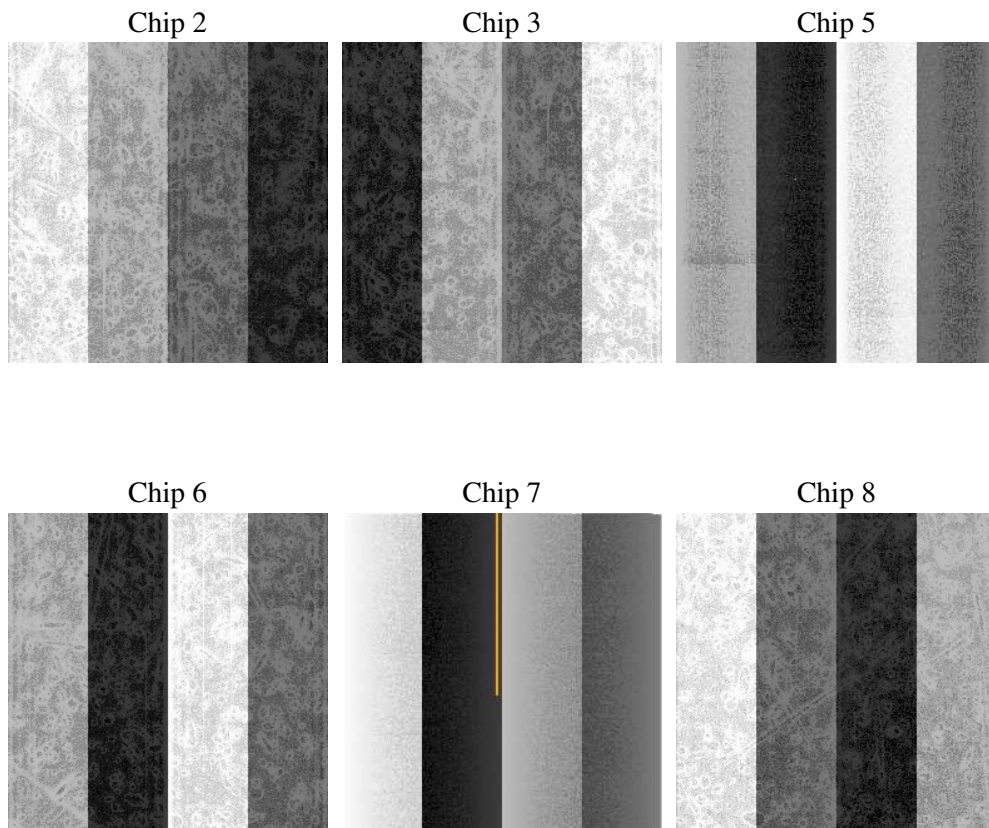
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.4
date	2006-12-21T16:26:41
revision	2

sched_exp_time	6684.546000
ontime	8352.0596320778
ontime2	7545.0531226248
ontime3	7564.4993028343
ontime5	8403.9149066359
ontime6	7609.8736334443
ontime7	8352.0596320778
ontime8	7629.3198534399
l1events	619554

2.1.4 Events

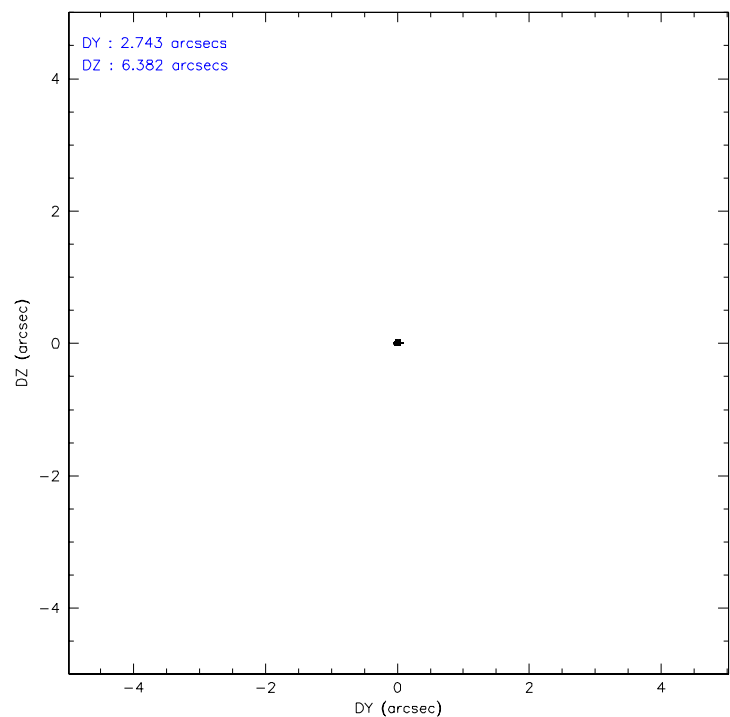
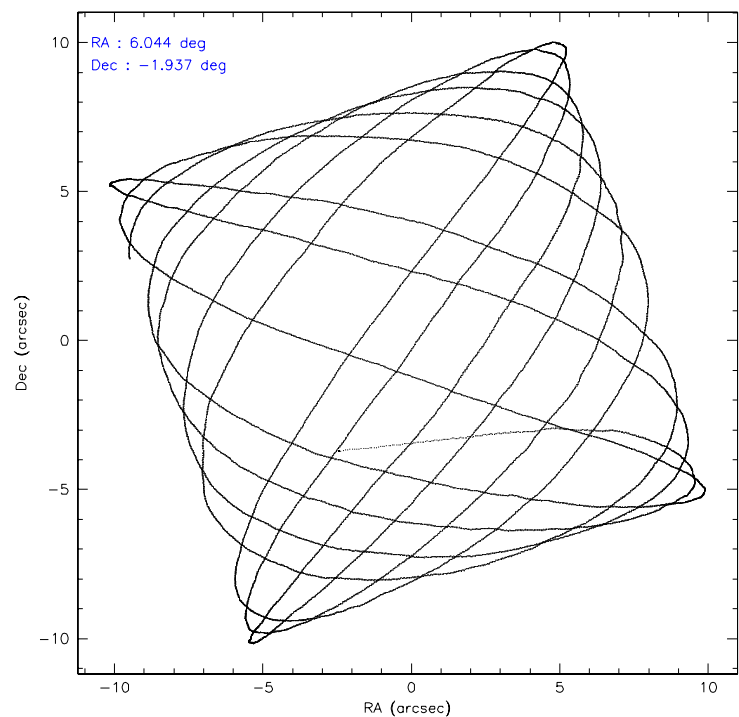
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	81648	80022	139080	84686	133524	100594
rejected events	75508	73932	107499	78257	109331	84188
rejected %	92%	92%	77%	92%	81%	83%

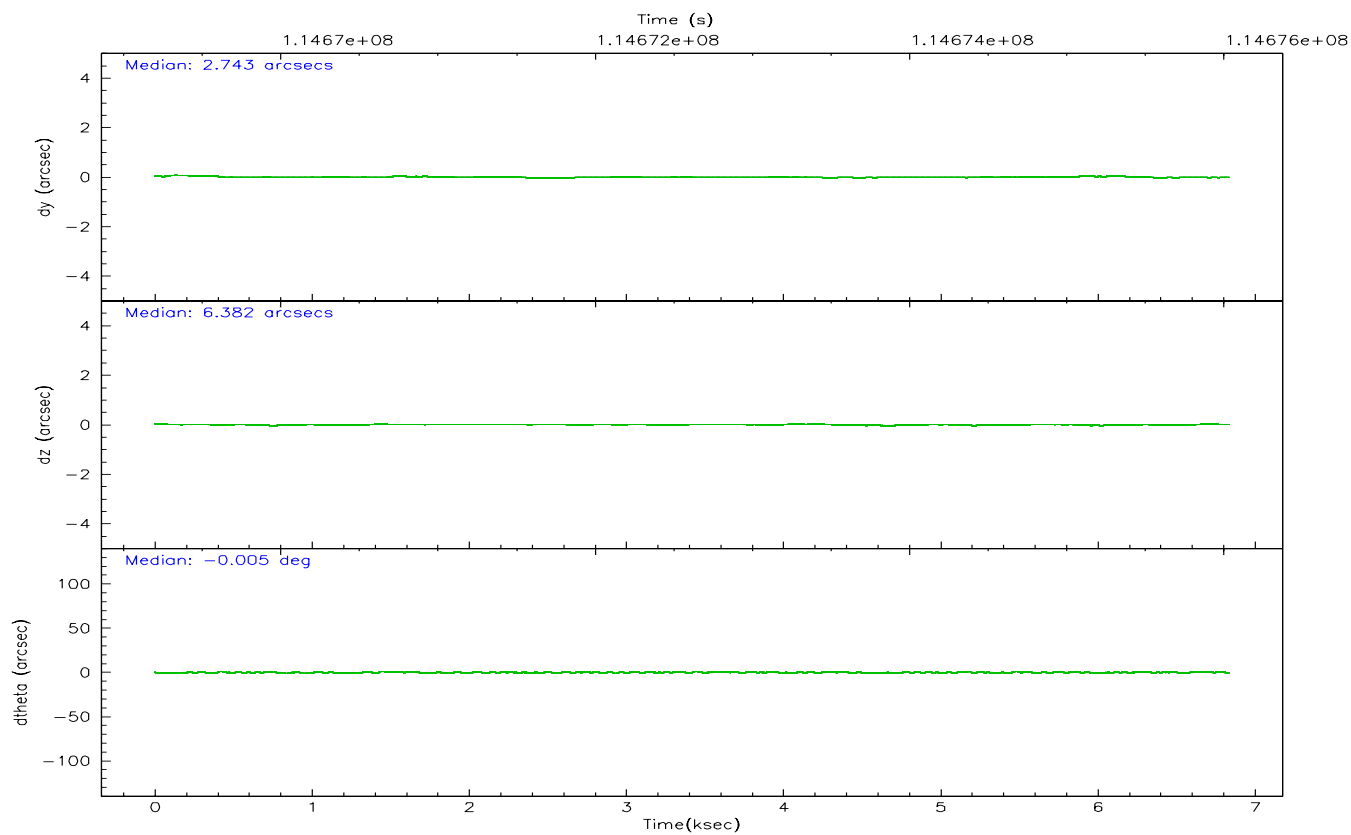
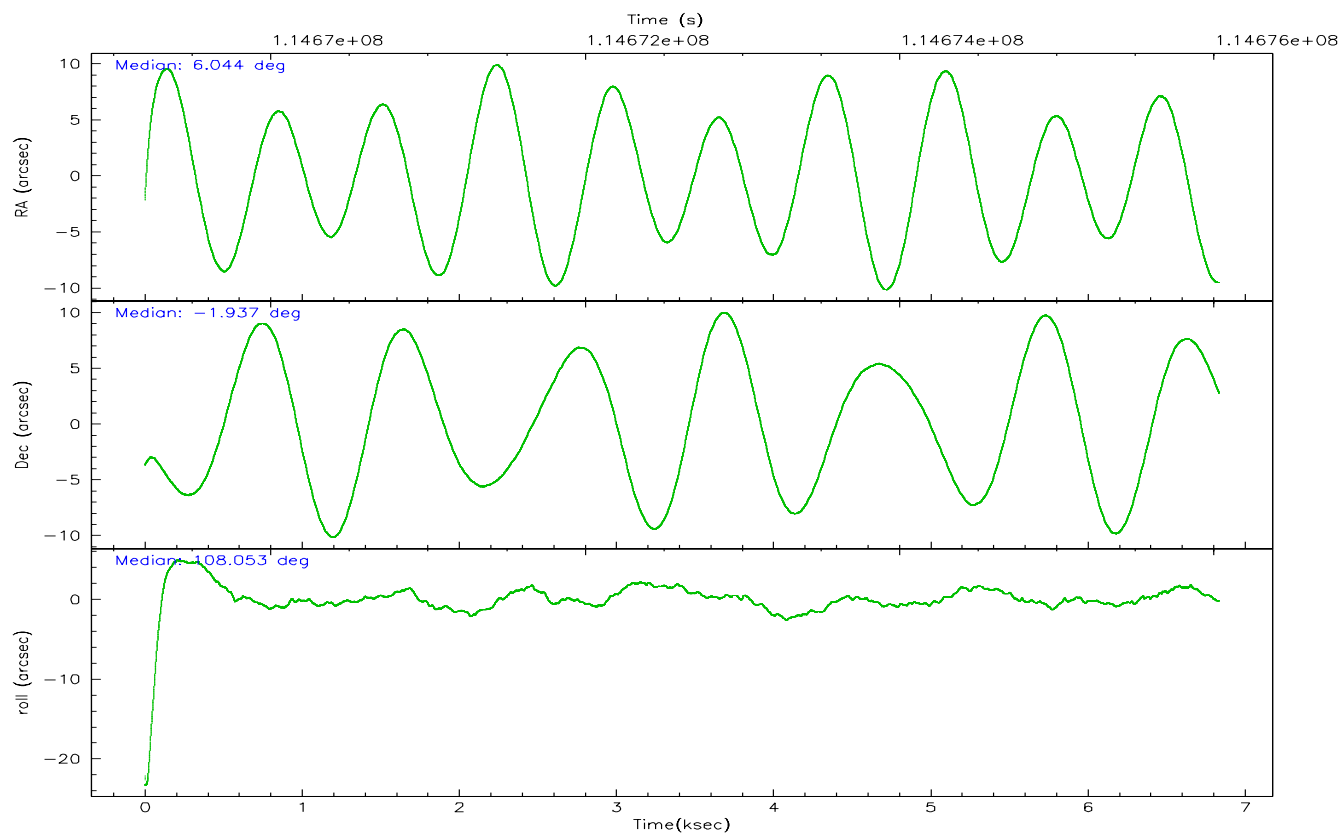
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	18020	18267	11622	19520	13377	22390
	22%	22%	8%	23%	10%	22%
grade 1 events	110	99	176	122	72	126
	0%	0%	0%	0%	0%	0%
grade 2 events	6189	6055	37980	6668	24989	8765
	7%	7%	27%	7%	18%	8%
grade 3 events	2332	2318	2830	2380	6259	3829
	2%	2%	2%	2%	4%	3%
grade 4 events	2312	2321	2869	2499	6133	3718
	2%	2%	2%	2%	4%	3%
grade 5 events	1848	2037	4416	2333	5201	2794
	2%	2%	3%	2%	3%	2%
grade 6 events	5016	5007	36488	5734	37427	8654
	6%	6%	26%	6%	28%	8%
grade 7 events	45821	43918	42699	45430	40066	50318
	56%	54%	30%	53%	30%	50%

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	6.064593	6.044093595588012	Subarray requested	NONE	NONE
Pointing Dec	-1.954790	-1.936794102638069	Alternating exposures requested	N	N
Pointing Roll	107.904079	108.0599729838678	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	114669351.184000	114667437.21429			
Observation start date	2001-08-20T04:34:47	2001-08-20T04:03:57			
Observation end time	114676036.184000	114676350.10214			
Observation end date	2001-08-20T06:26:12	2001-08-20T06:32:30			
Read mode	TIMED	TIMED			

2.3 Aspect



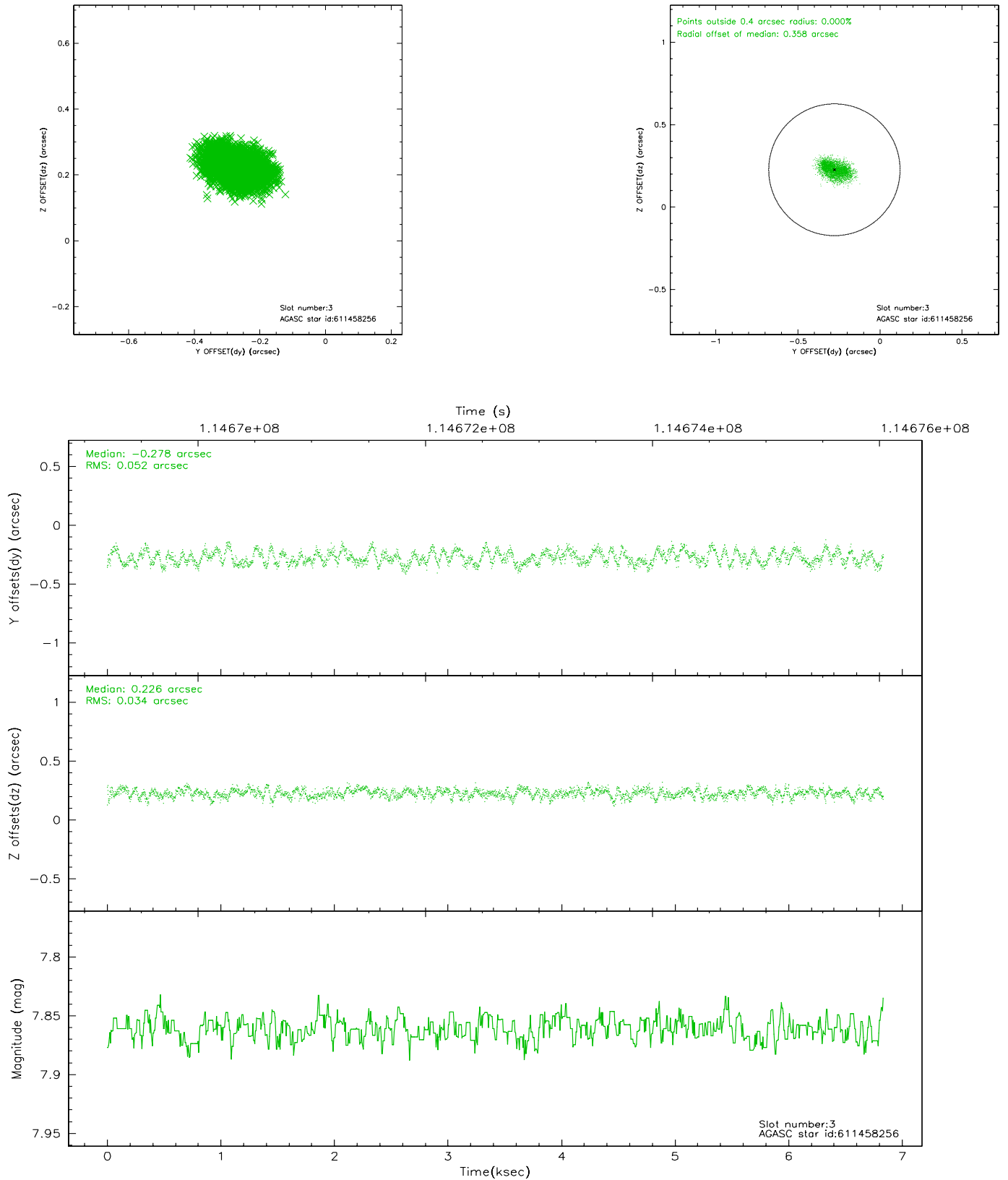


Slot Statistics

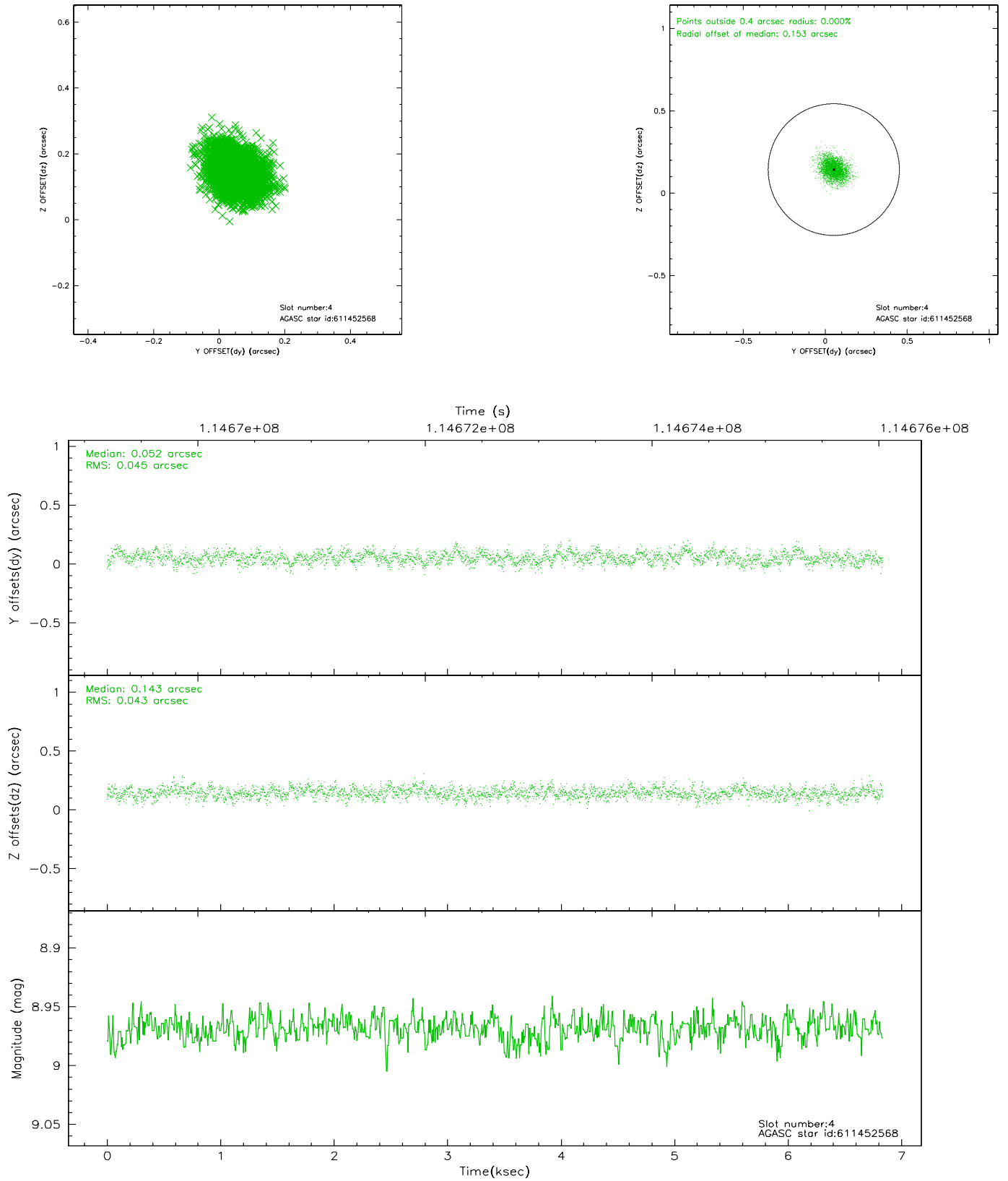
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	1668	-0.010	0.038	0.007	0.012	0.000000	0.000000	-755.36	-1727.51
1	FID	ACIS-S-4	7.20	1668	-0.094	-0.005	0.005	0.009	0.000000	0.000000	2157.42	180.11
2	FID	ACIS-S-5	7.24	1668	0.074	-0.024	0.006	0.010	0.000000	0.000000	-1807.06	174.66
3	GUIDE	611458256	7.86	3336	-0.278	0.226	0.068	0.104	6.076809	-1.241285	2429.68	-831.98
4	GUIDE	611452568	8.97	3336	0.052	0.143	0.066	0.107	6.308705	-1.833133	146.70	-971.49
5	GUIDE	611851872	9.44	3335	0.287	-0.246	0.108	0.177	5.618608	-2.590225	-1684.80	2227.94
6	GUIDE	611458248	8.98	3333	-0.061	-0.126	0.061	0.100	5.827673	-1.559564	1614.46	373.68
7	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00

2.4 Star Slots

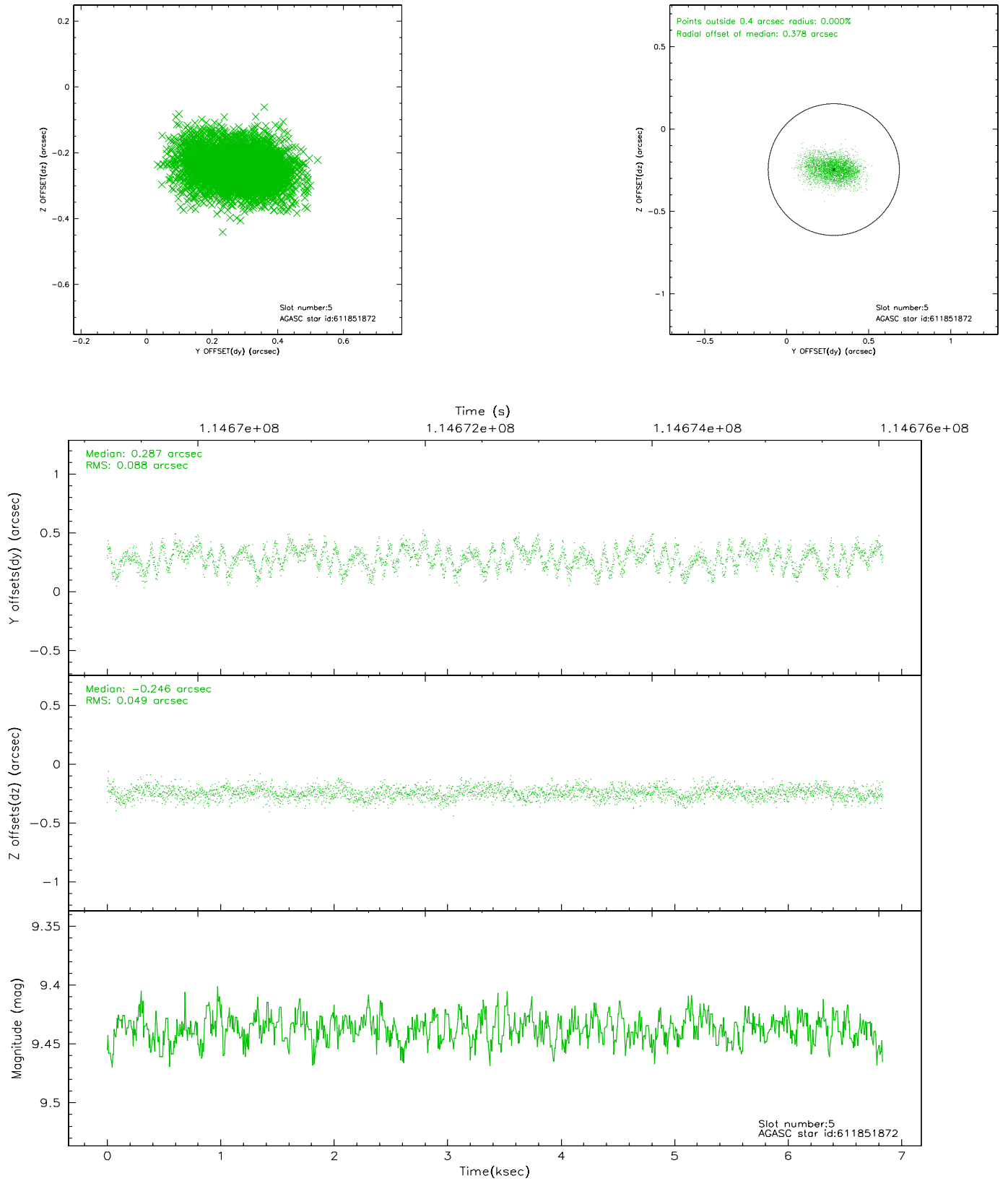
2.4.1 Slot 3



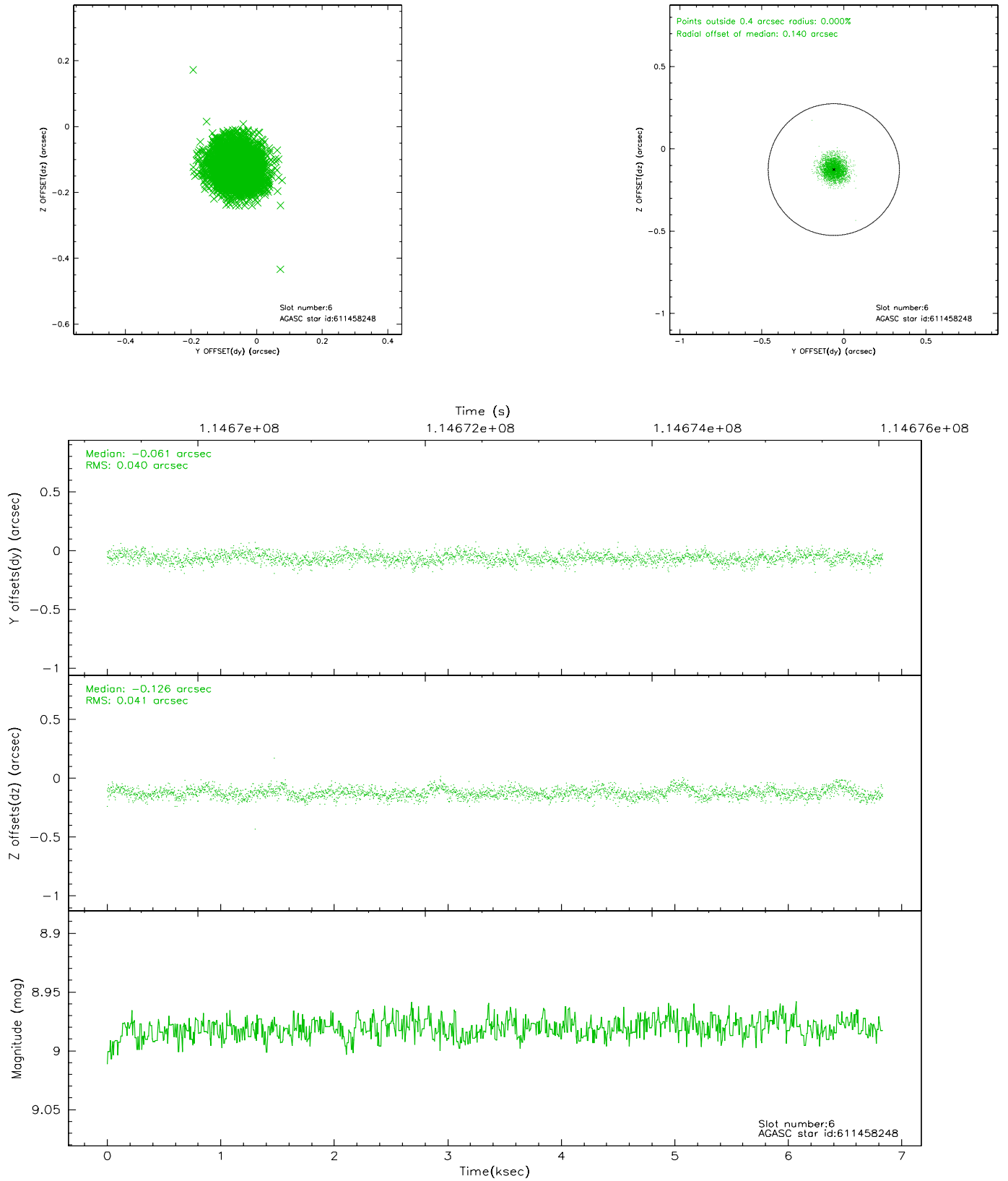
2.4.2 Slot 4



2.4.3 Slot 5

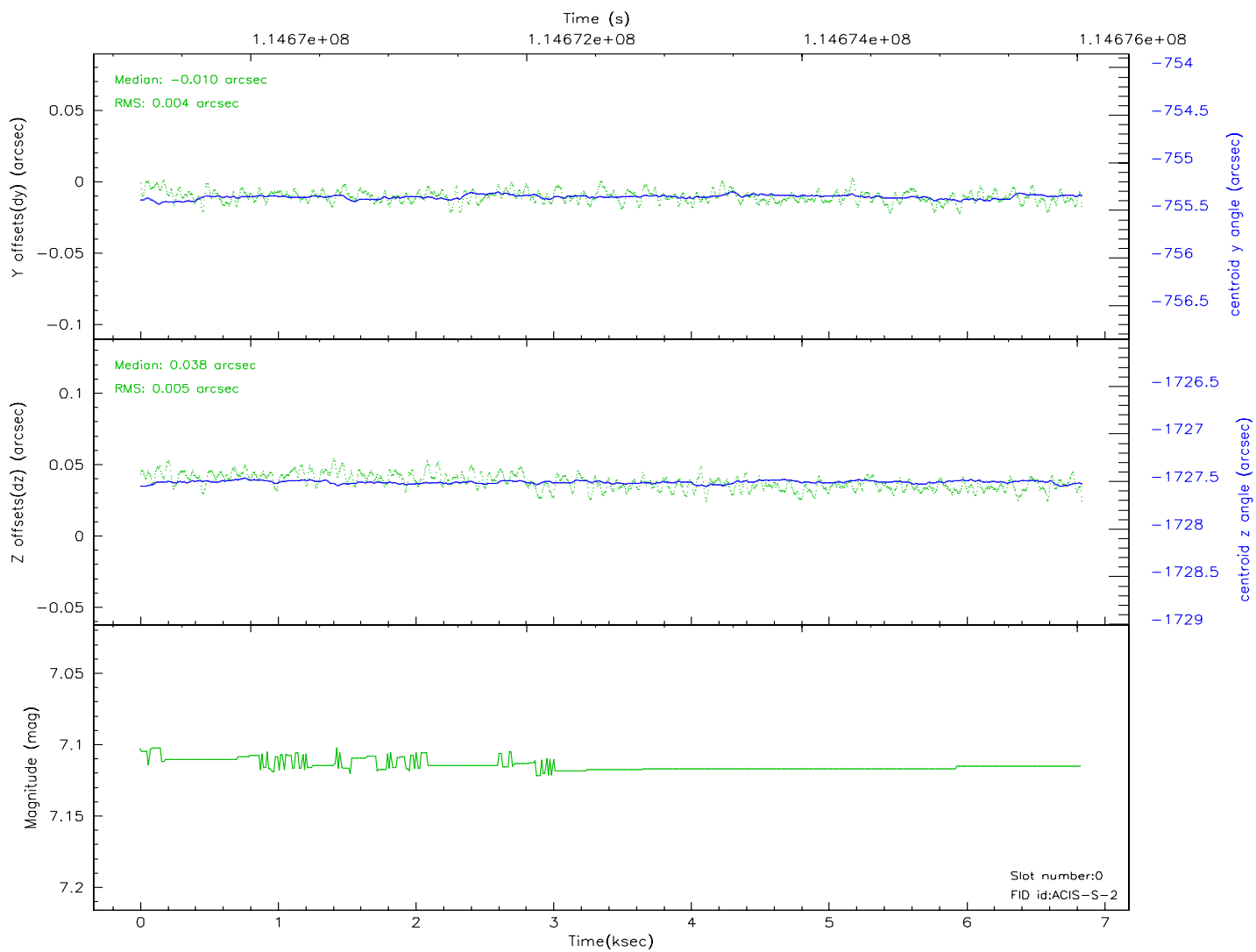
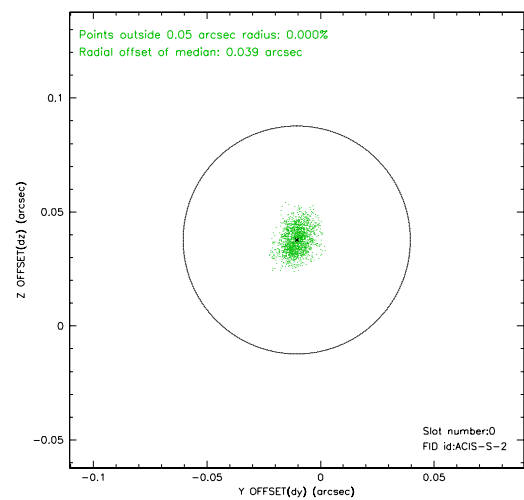
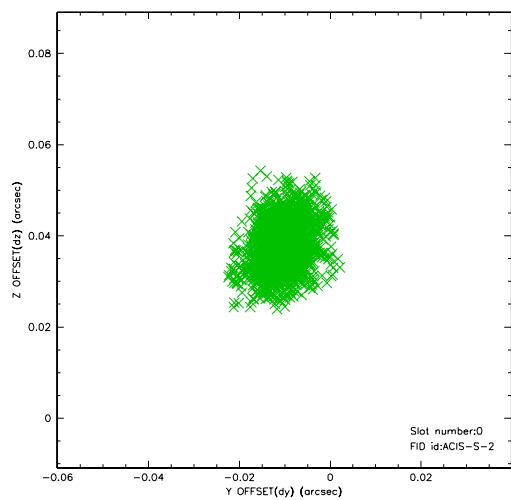


2.4.4 Slot 6

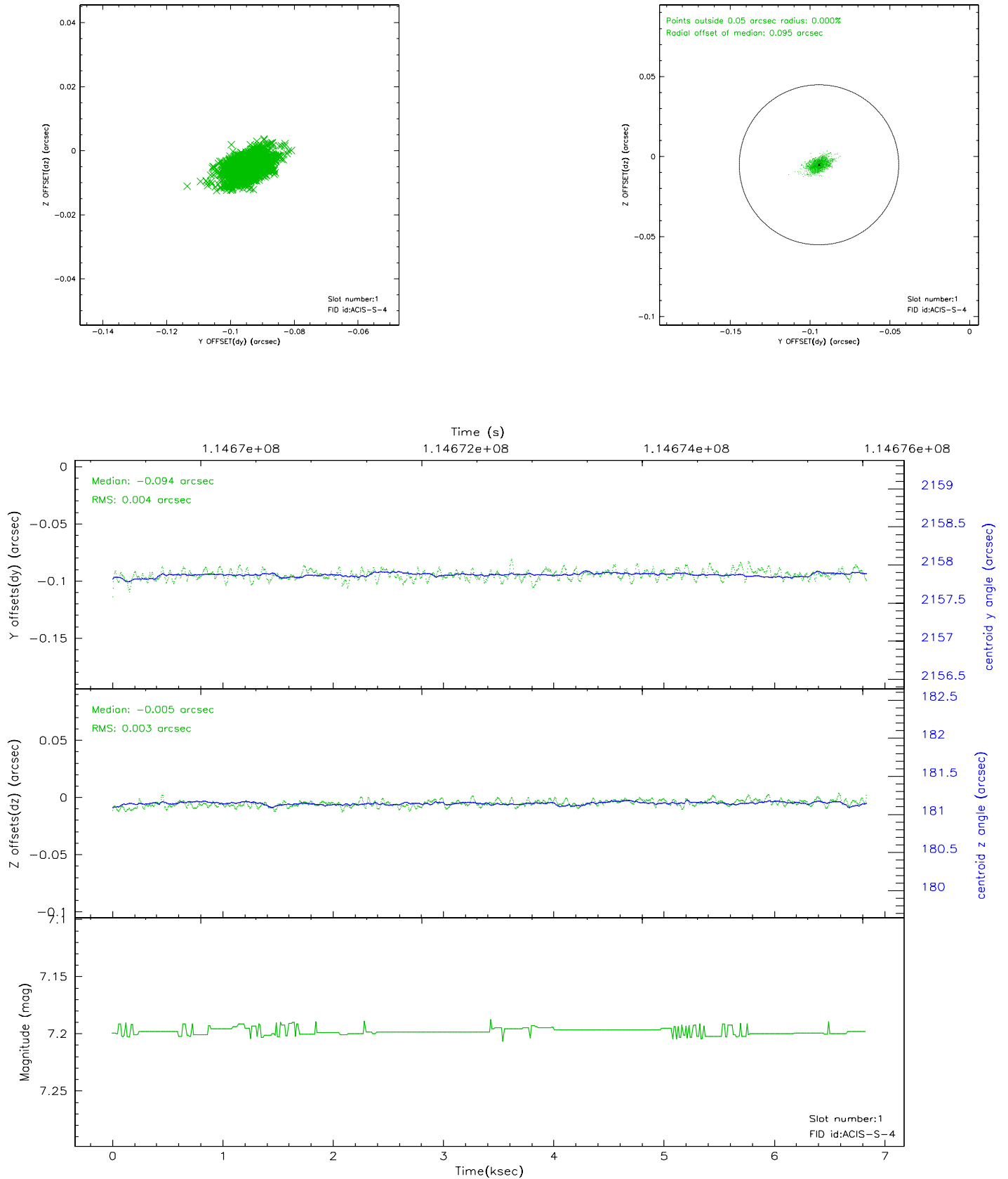


2.5 FID Slots

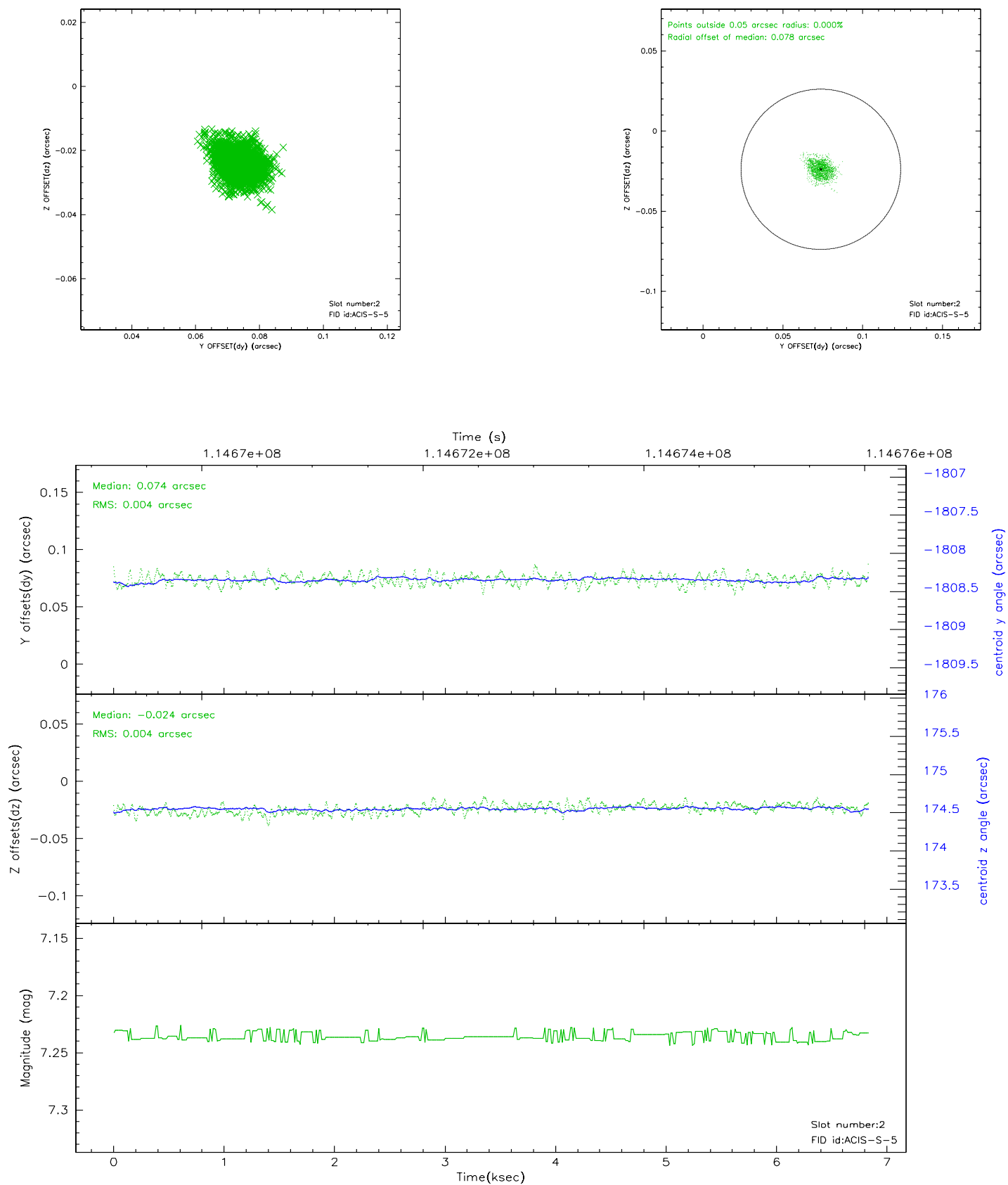
2.5.1 Slot 0



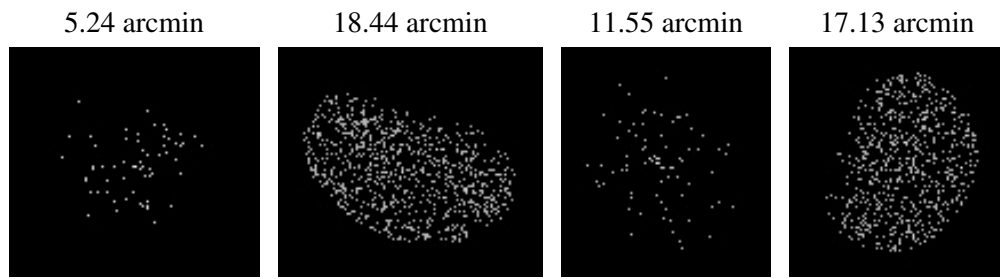
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.12.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.832

A.2 Comments

Slot 7 was not used in this observation.