

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2103 - L2 Version 001
Chandra X-Ray Center

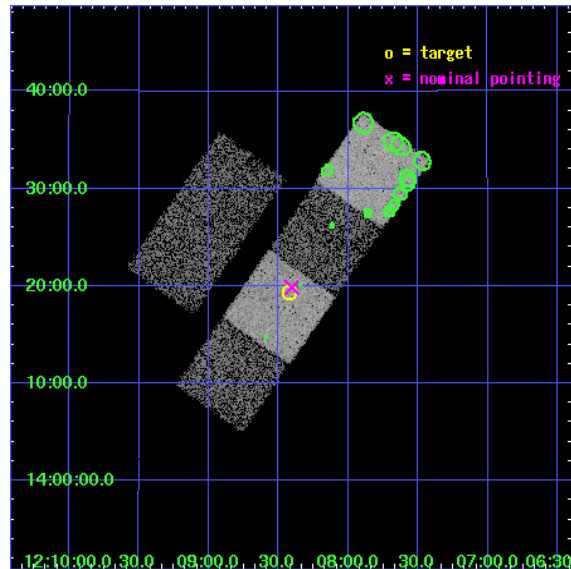
L2 Processing Date : Sep 6 2006

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1 Front

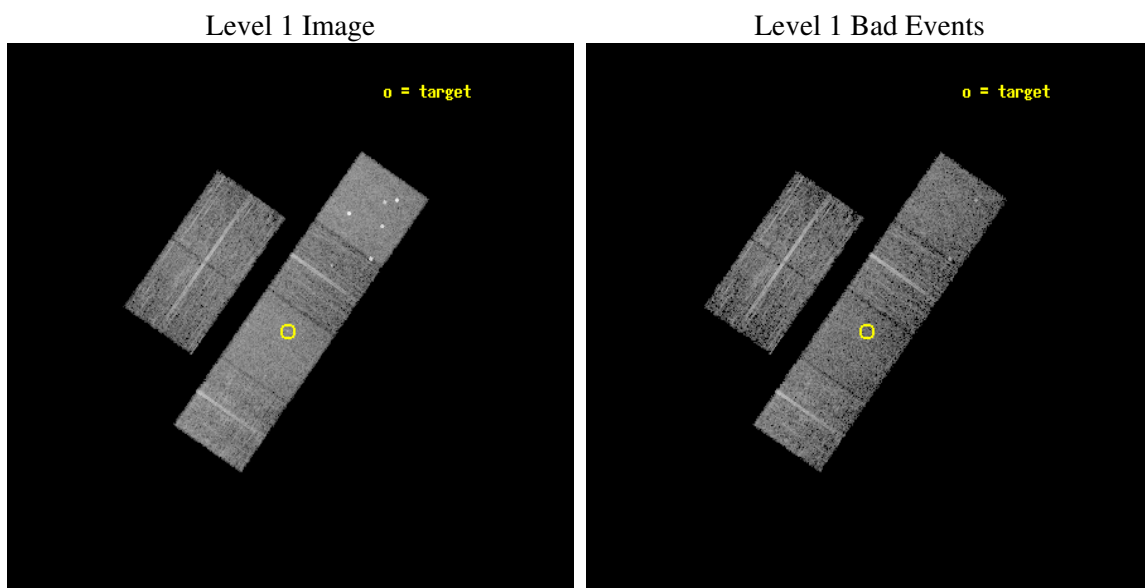
seq_num	700293
obs_id	2103
title	PUBLIC OBSERVATIONS OF A WELL-DEFINED SAMPLE OF BAL QSOS FROM THE LARGE BRIGHT QUASAR SURVEY: REMOVING THE BARRIERS
observer	Prof. William Brandt
object	LBQS 1205+1436
dtcycle	0
cycle	P
ra_targ	182.105417
dec_targ	14.322306
ra_nom	182.10122651447
dec_nom	14.331114174252
roll_nom	124.86443003074
revision	2
ontime	5756.8000053614
livetime	5683.9039373647
ontime2	5756.8000053614
ontime3	5756.8000053614
ontime5	5756.8000053614
ontime6	5756.8000053614
ontime7	5756.8000053614
ontime8	5753.5590251088
l2events	58372



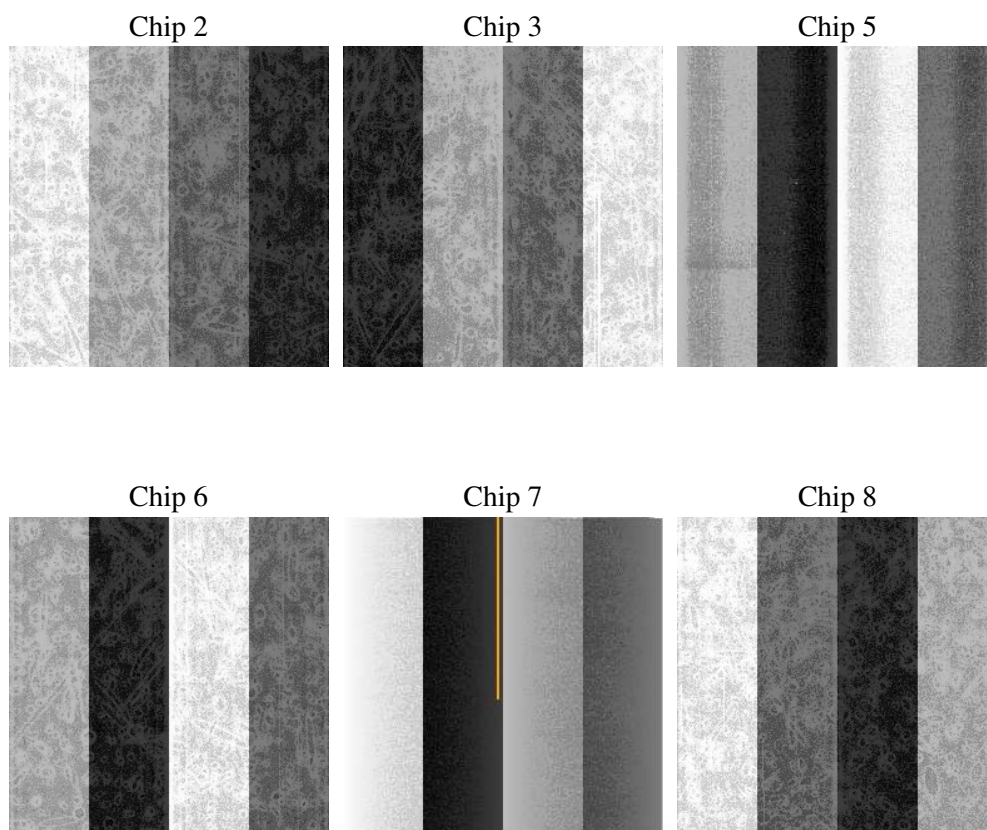
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	4
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-09-06T11:53:23
revision	2

sched_exp_time	6000.000000
ontime	5762.507472977
ontime2	5762.507472977
ontime3	5762.5074829757
ontime5	5762.5075028837
ontime6	5762.5075028837
ontime7	5762.507472977
ontime8	5759.2664130479
l1events	284098

2.1.4 Events

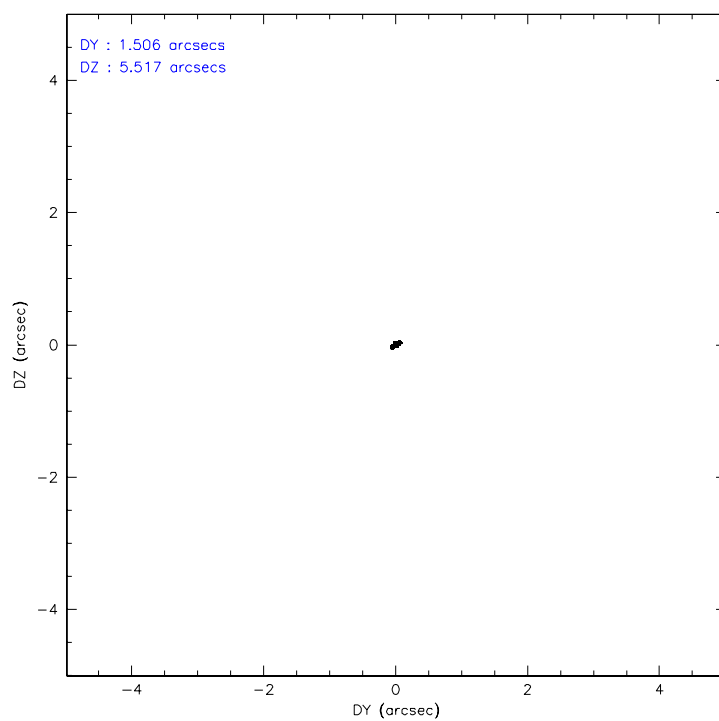
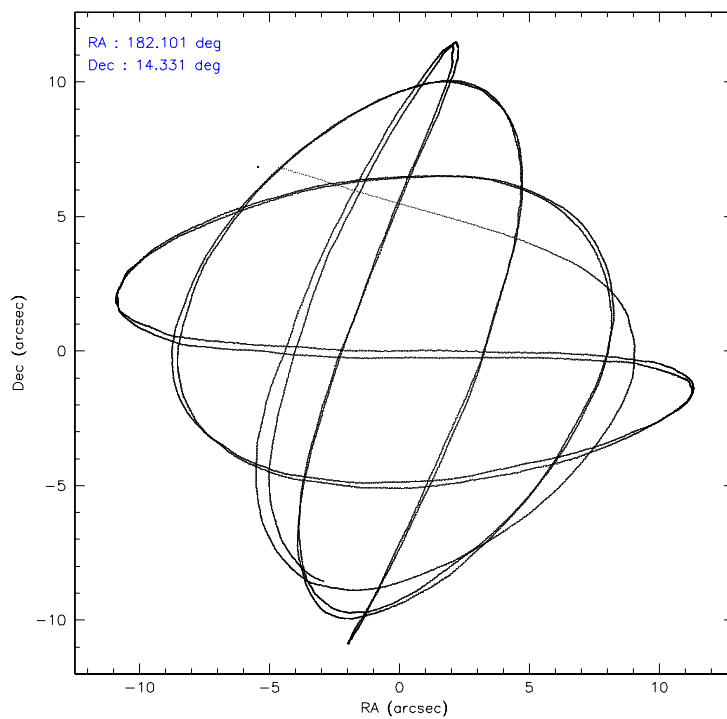
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	42143	38884	60277	39551	50652	52591
rejected events	37586	34539	32117	34820	31064	41578
rejected %	89%	88%	53%	88%	61%	79%

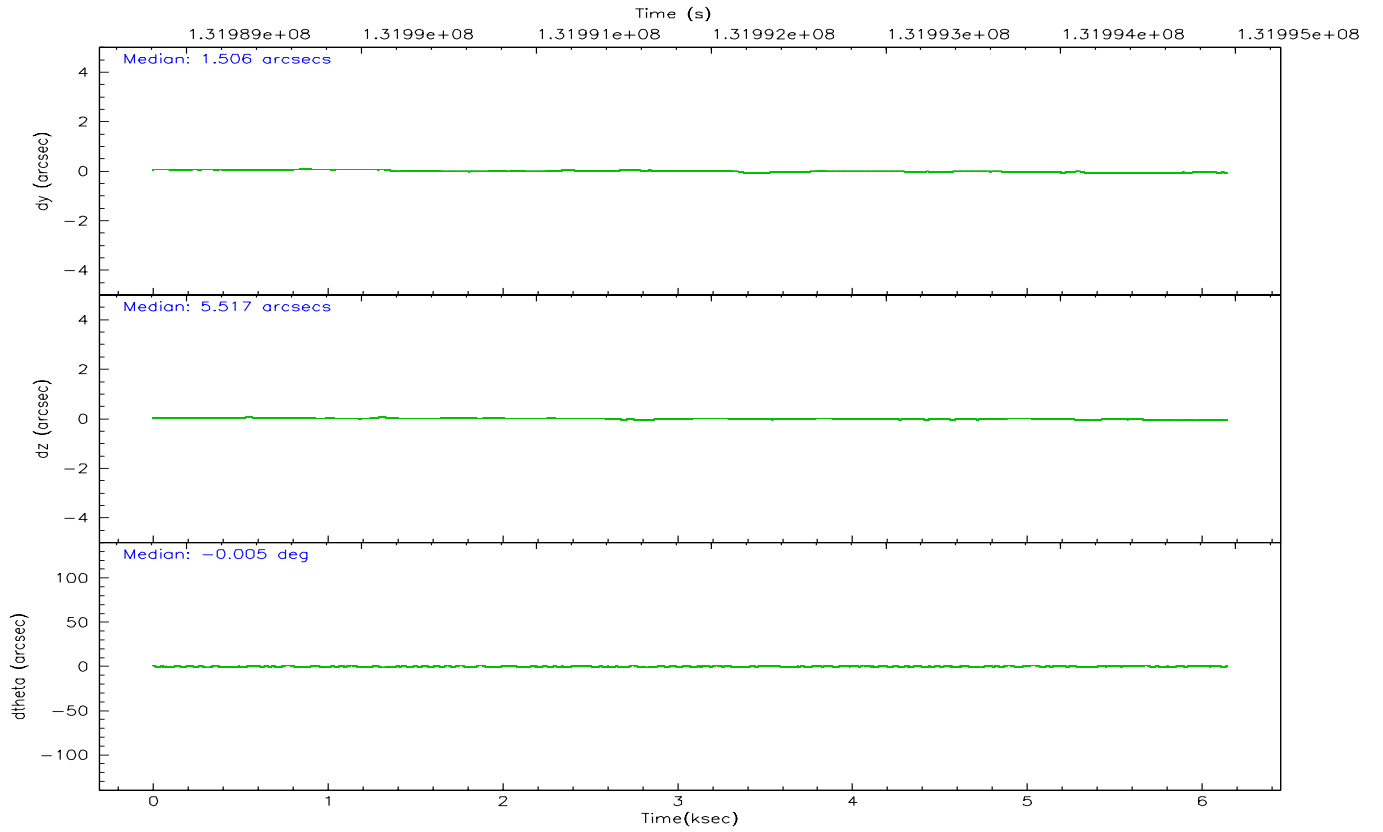
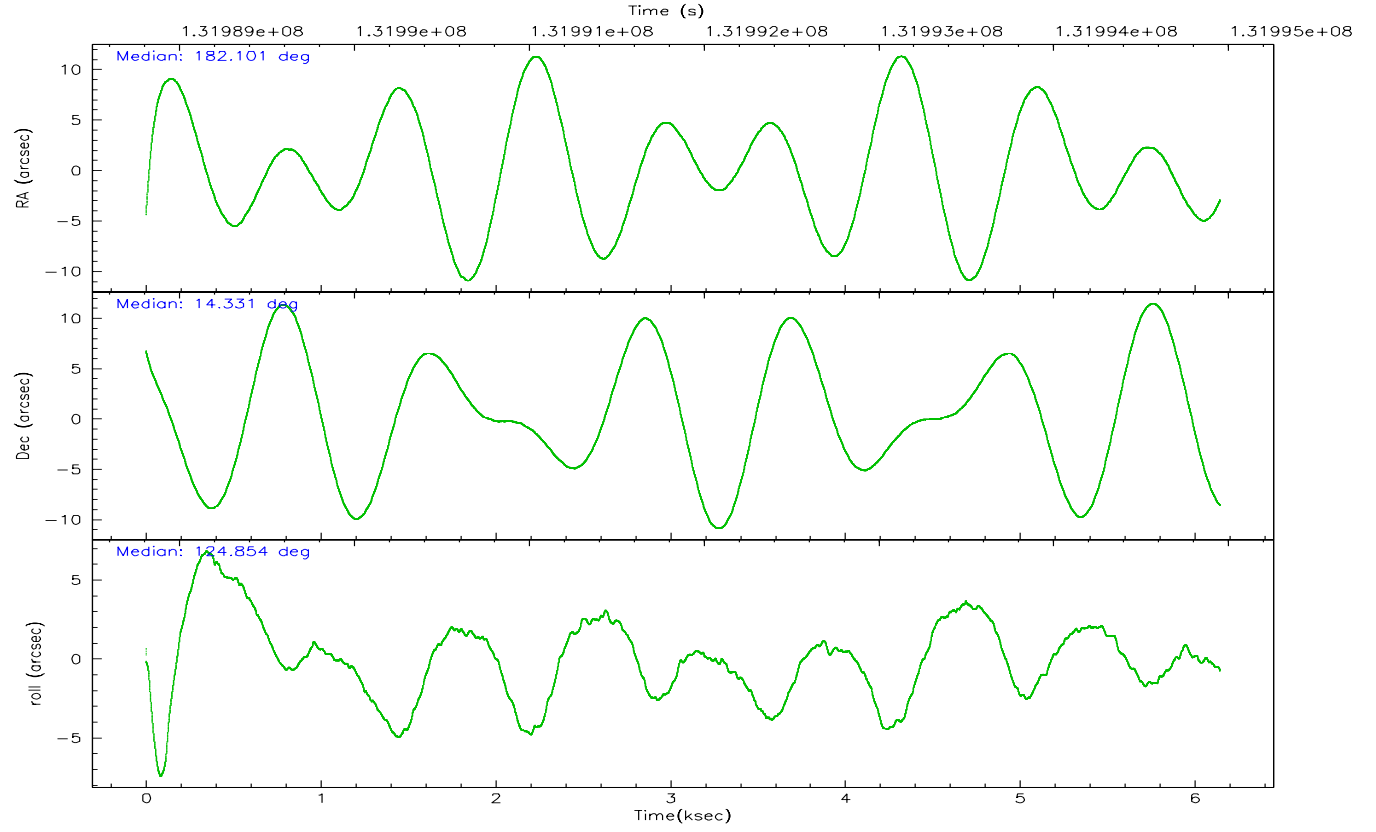
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1829	1823	4995	1970	1211	3473
	4%	4%	8%	4%	2%	6%
grade 1 events	20	16	297	13	33	41
	0%	0%	0%	0%	0%	0%
grade 2 events	1074	892	7719	961	4850	2322
	2%	2%	12%	2%	9%	4%
grade 3 events	423	439	569	451	1058	1260
	1%	1%	0%	1%	2%	2%
grade 4 events	442	401	624	437	1039	1130
	1%	1%	1%	1%	2%	2%
grade 5 events	1462	1519	2856	1697	3351	2125
	3%	3%	4%	4%	6%	4%
grade 6 events	793	796	14285	914	11435	2830
	1%	2%	23%	2%	22%	5%
grade 7 events	36100	32998	28932	33108	27675	39410
	85%	84%	47%	83%	54%	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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	182.126833	182.1012265144668	Alternating exposures requested	N	N
Pointing Dec	14.319853	14.33111417425246	Primary exposure time	0.000000	3.2
Pointing Roll	124.701451	124.8644300307448			
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	131988953.184000	131987942.74397			
Observation start date	2002-03-08T15:34:49	2002-03-08T15:19:02			
Observation end time	131994953.184000	131996056.1318			
Observation end date	2002-03-08T17:14:49	2002-03-08T17:34:16			
Read mode	TIMED	TIMED			

2.3 Aspect



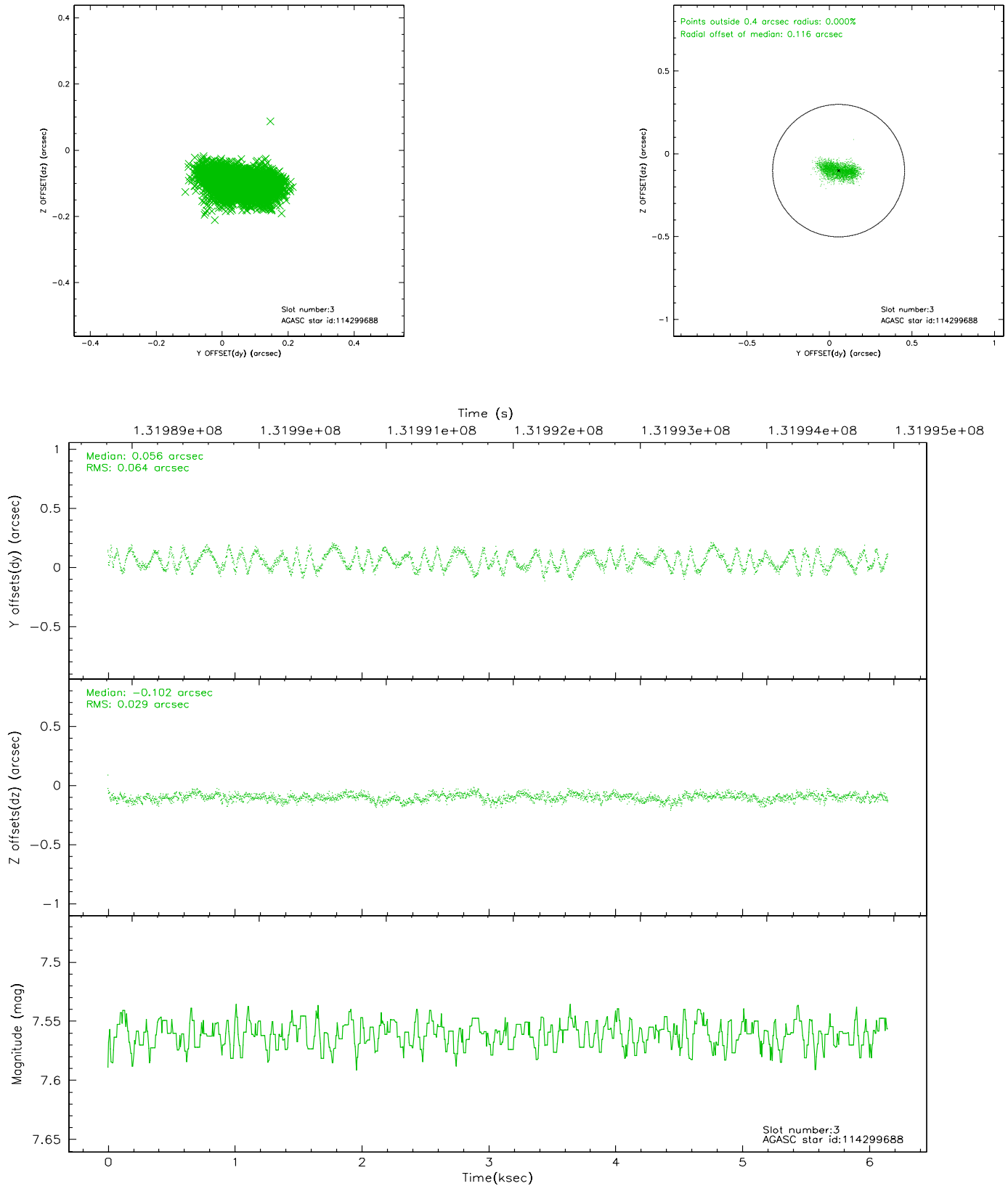


Slot Statistics

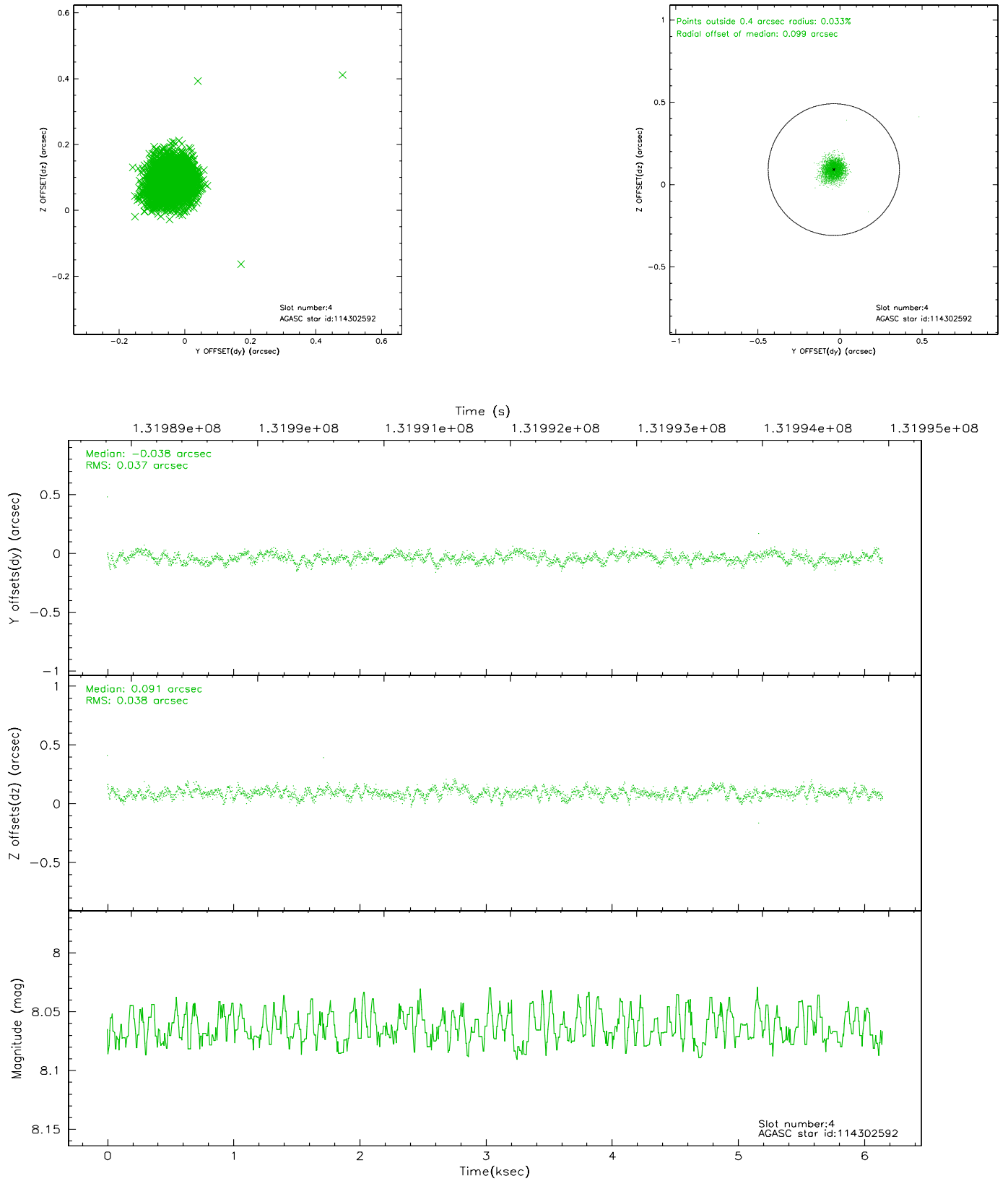
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1500	-0.043	0.026	0.006	0.010	0.000000	0.000000	-754.11	-1726.64
1	FID	ACIS-S-4	7.21	1500	-0.050	0.014	0.005	0.009	0.000000	0.000000	2158.68	180.91
2	FID	ACIS-S-5	7.24	1500	0.062	-0.031	0.006	0.010	0.000000	0.000000	-1805.65	175.54
3	GUIDE	114299688	7.56	3000	0.056	-0.102	0.078	0.119	181.899671	13.516936	-1923.74	2299.39
4	GUIDE	114302592	8.06	3000	-0.038	0.091	0.056	0.089	182.751254	14.424375	-927.94	-2004.32
5	GUIDE	114302168	7.94	2999	-0.060	0.034	0.064	0.106	182.308899	14.829820	1148.76	-1565.85
6	GUIDE	114302432	9.07	2999	0.069	-0.055	0.076	0.121	182.559600	14.527486	-242.08	-1666.15
7	GUIDE	189019688	9.48	2999	-0.032	0.032	0.118	0.192	182.106927	15.124220	2420.31	-1591.13

2.4 Star Slots

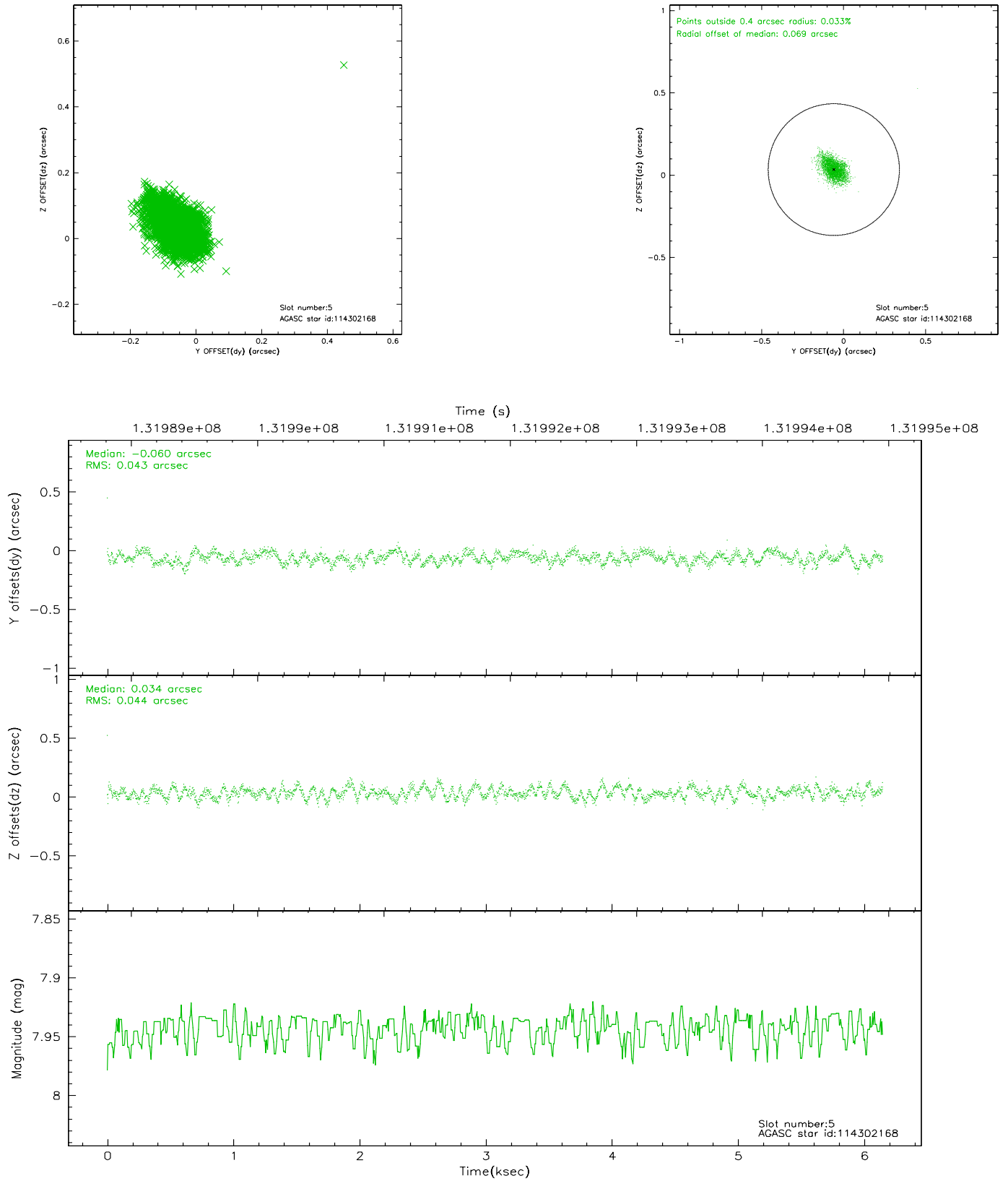
2.4.1 Slot 3



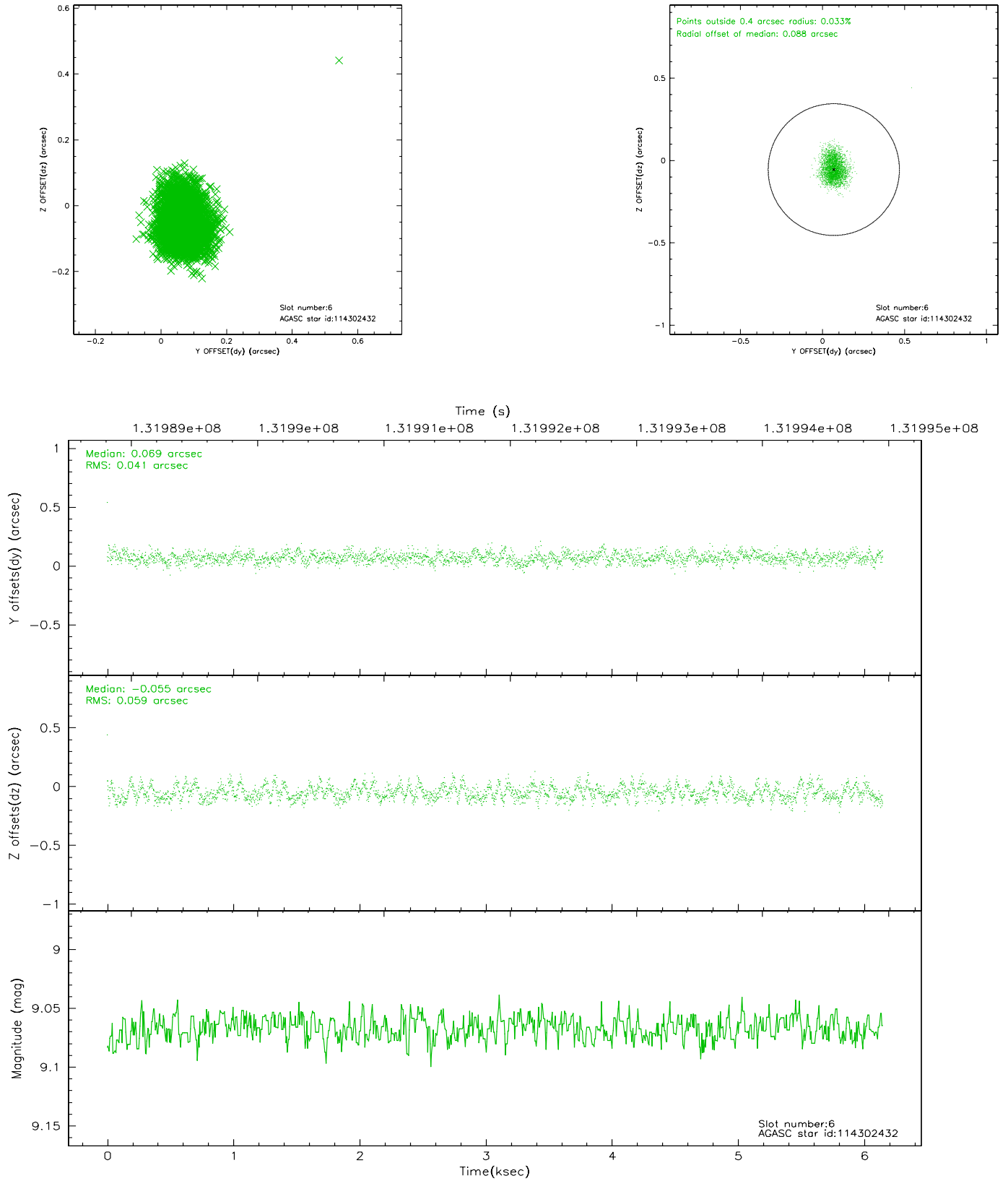
2.4.2 Slot 4



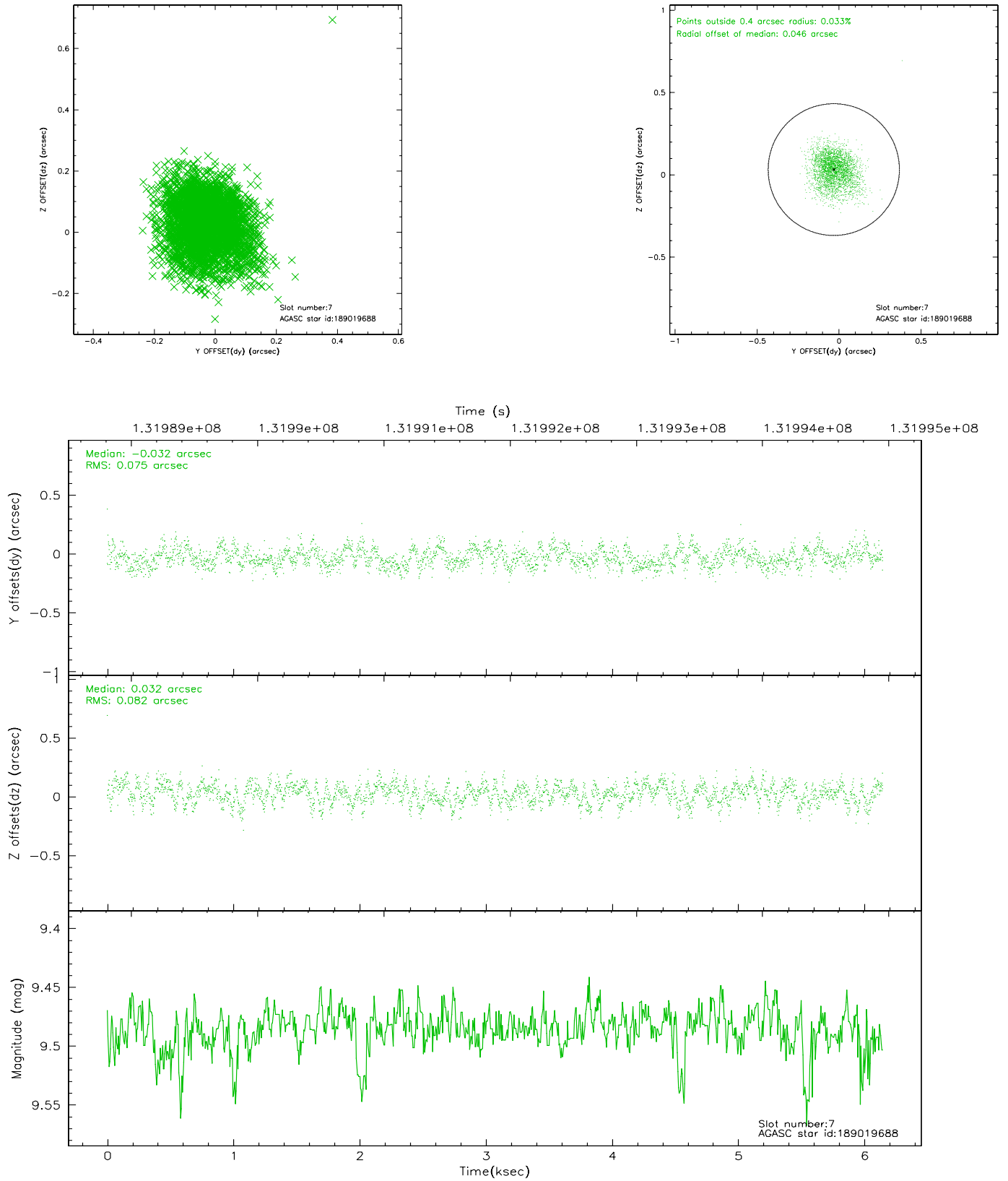
2.4.3 Slot 5



2.4.4 Slot 6

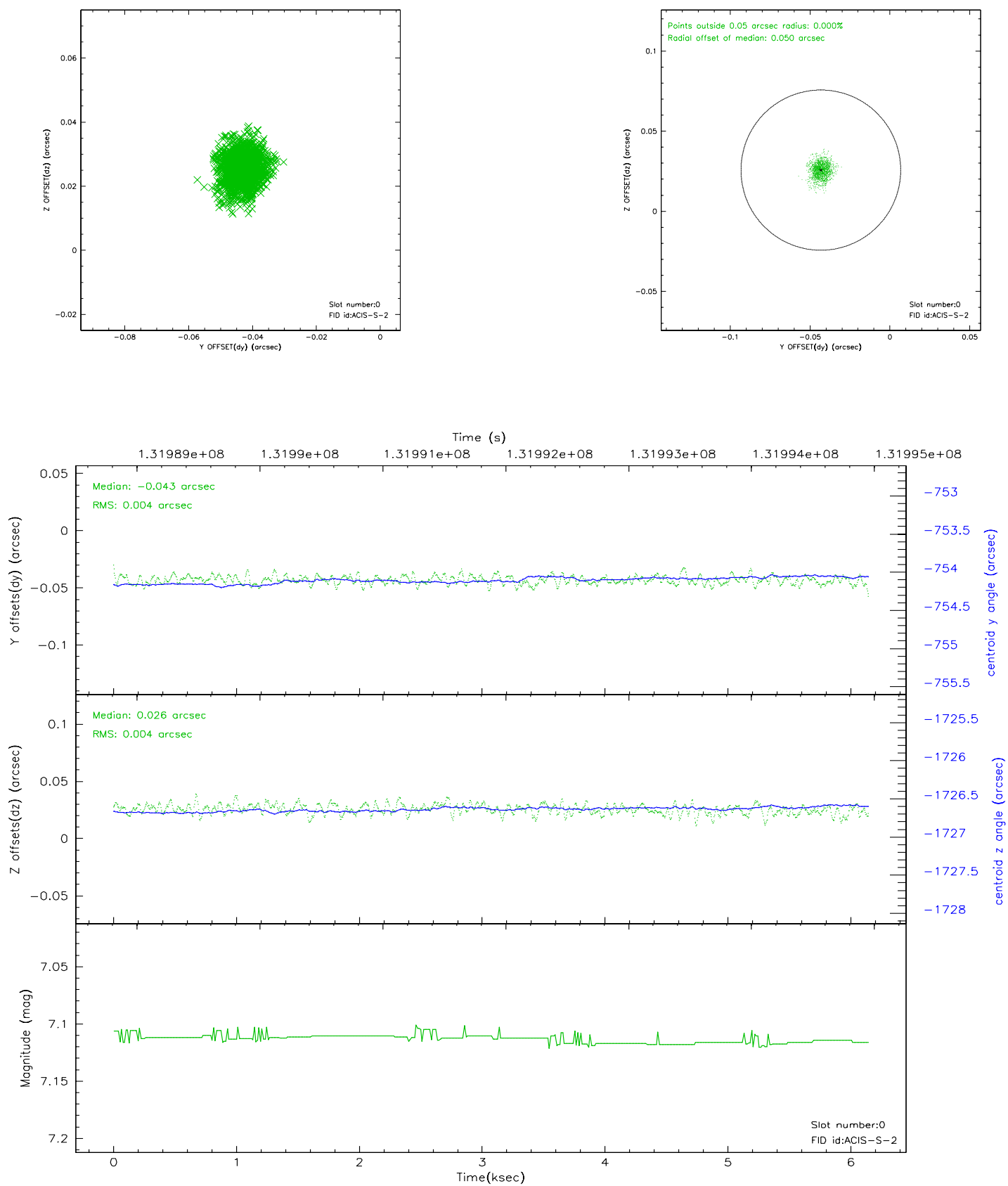


2.4.5 Slot 7

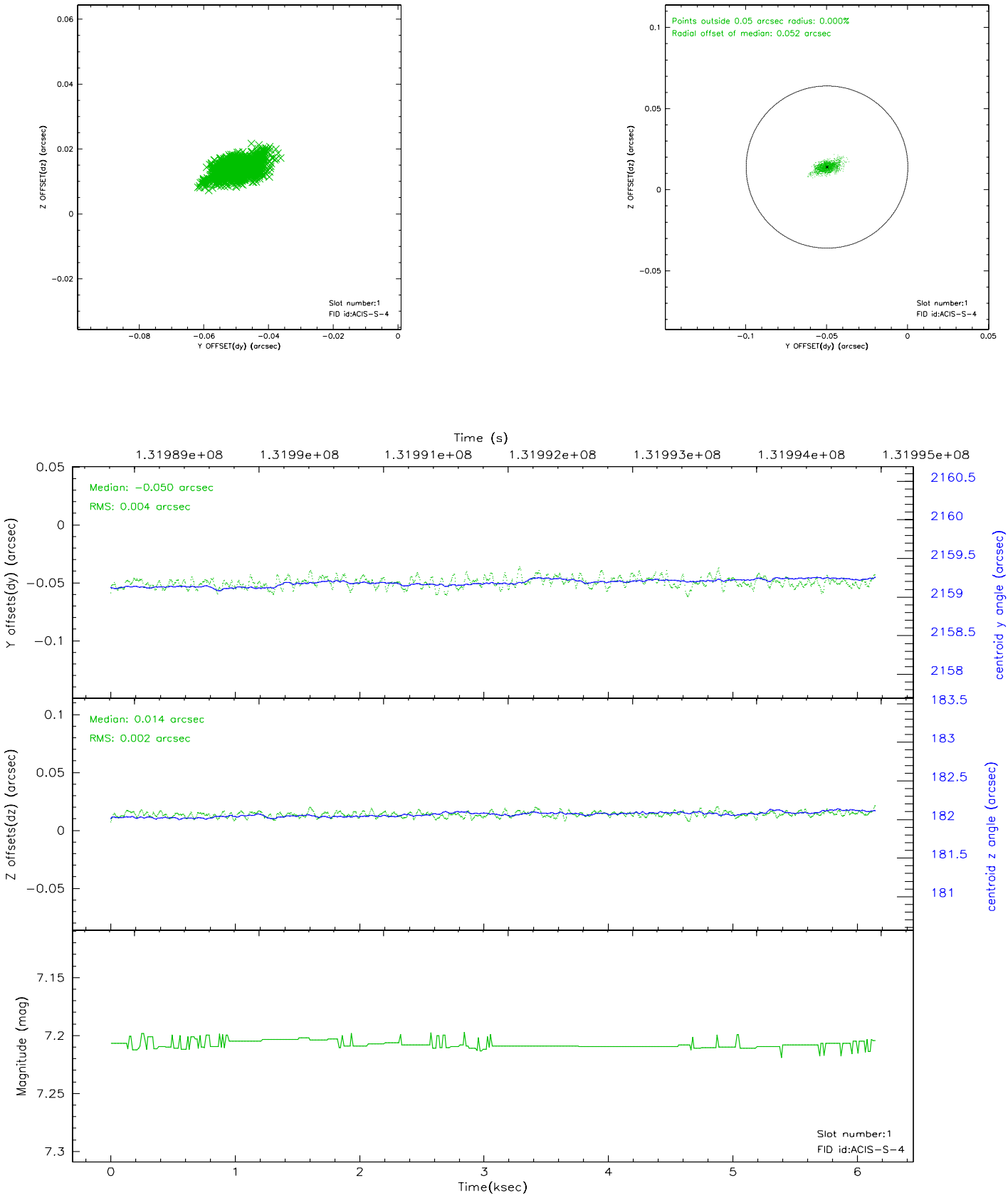


2.5 FID Slots

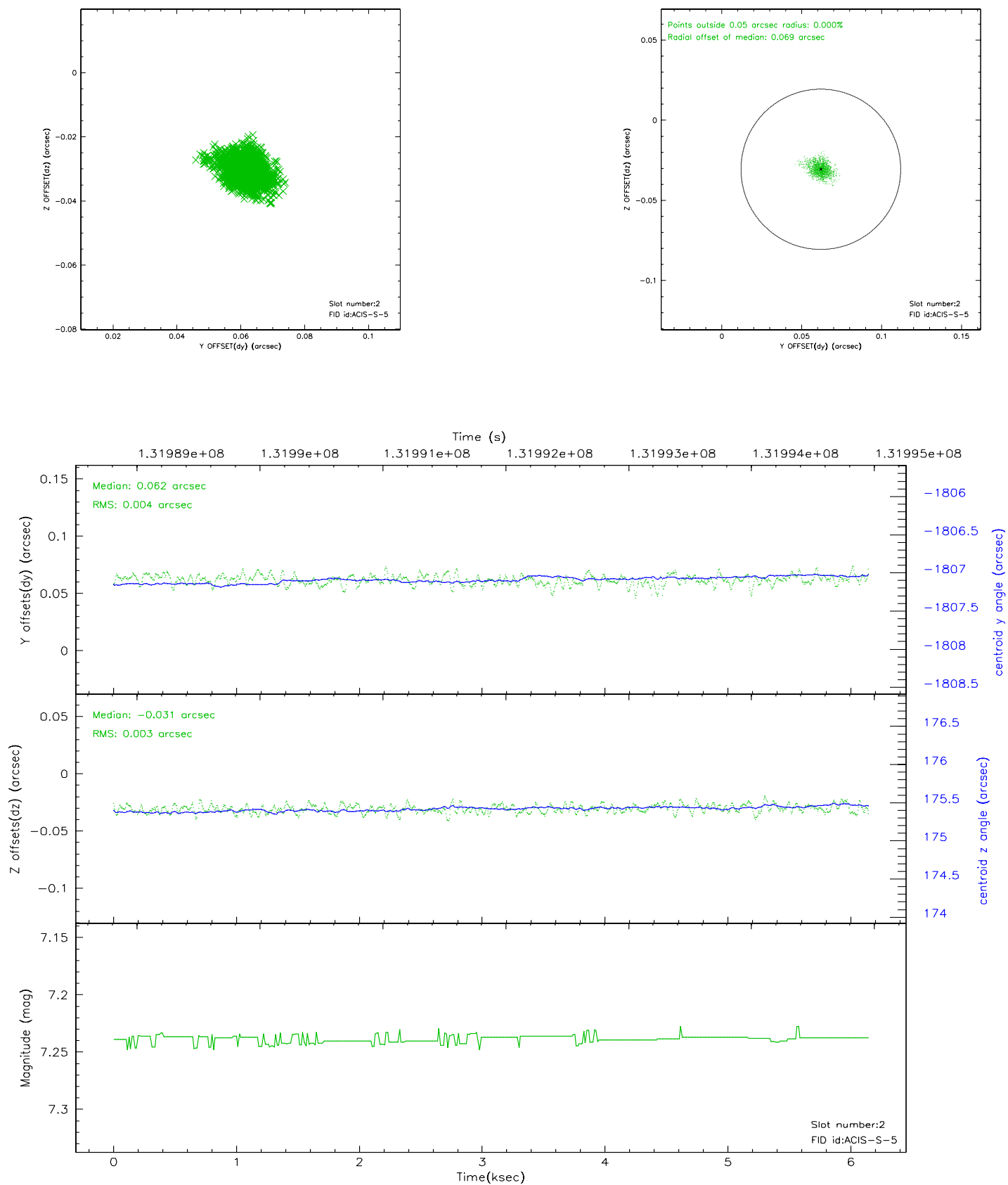
2.5.1 Slot 0



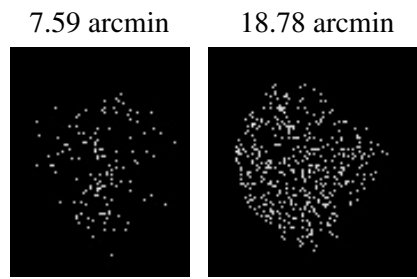
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.09.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.76

A.2 Comments