

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 5603 - L2 Version 002
Chandra X-Ray Center

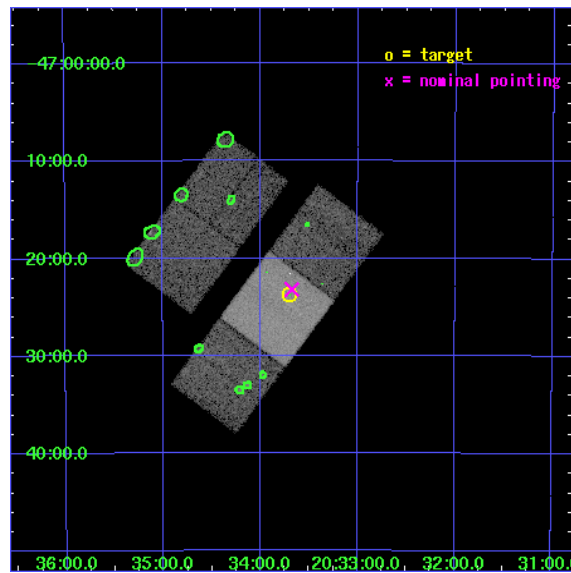
L2 Processing Date: Feb 27 2006

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1 Front

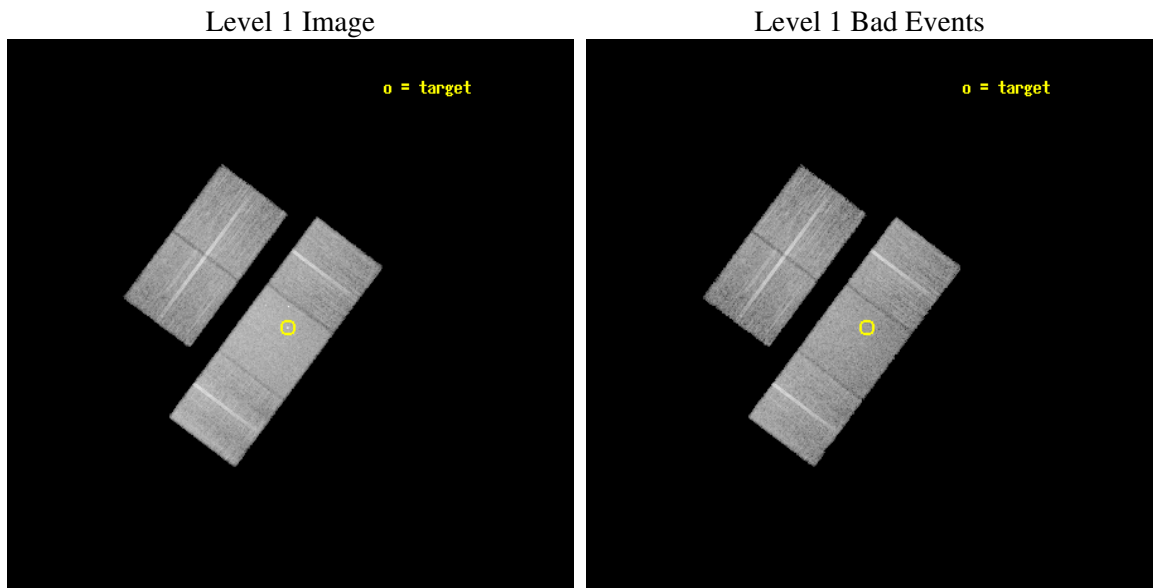
seq_num	701026
obs_id	5603
title	A Study of Quasar Evolution With The Aid Of Lensing
observer	Prof. Gordon Garmire
object	WFI J2033-4723
dtcycle	0
cycle	P
ra_targ	308.425417
dec_targ	-47.395278
ra_nom	308.41902610292
dec_nom	-47.38667117811
roll_nom	126.79364234632
revision	2
ontime	15623.999969959
livetime	15419.86090813
ontime2	15620.859009713
ontime3	15623.999969959
ontime6	15623.999969959
ontime7	15623.999969959
ontime8	15623.999969959
l2events	111727



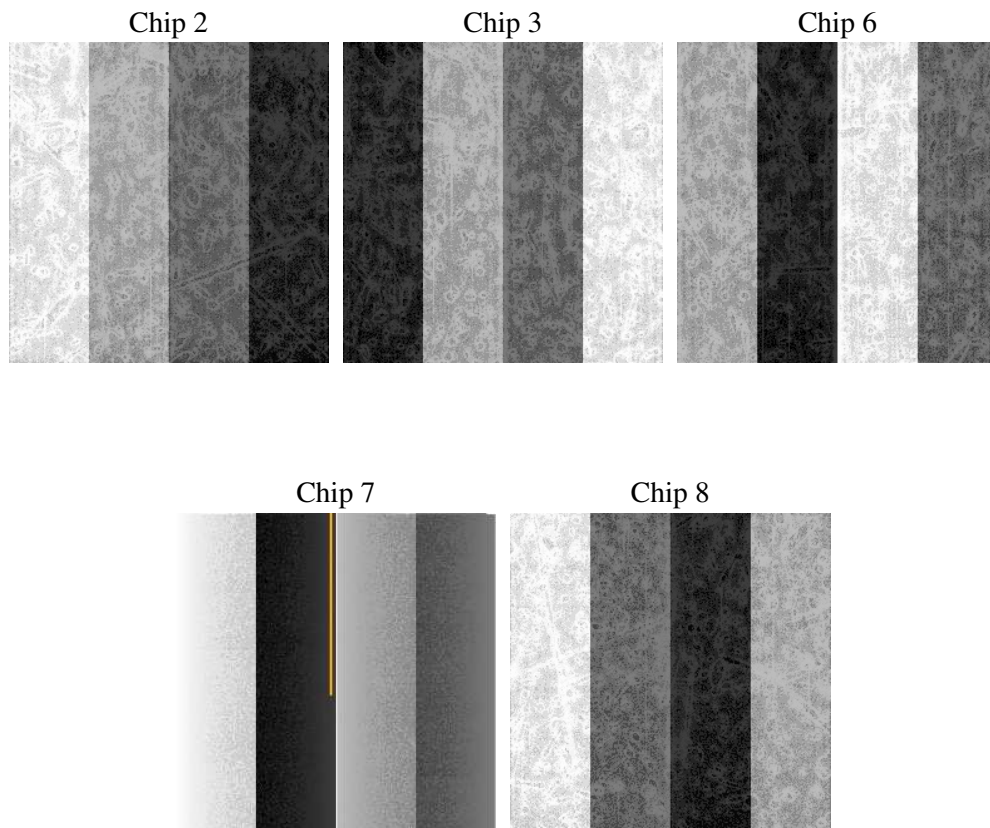
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldsver	3.2.1
date	2006-02-27T06:34:54
revision	2

sched_exp_time	15500.000000
ontime	16166.740172952
ontime2	16163.599212706
ontime3	16166.740172952
ontime6	16166.740153015
ontime7	16166.740172952
ontime8	16166.740172952
l1events	676569

2.1.4 Events

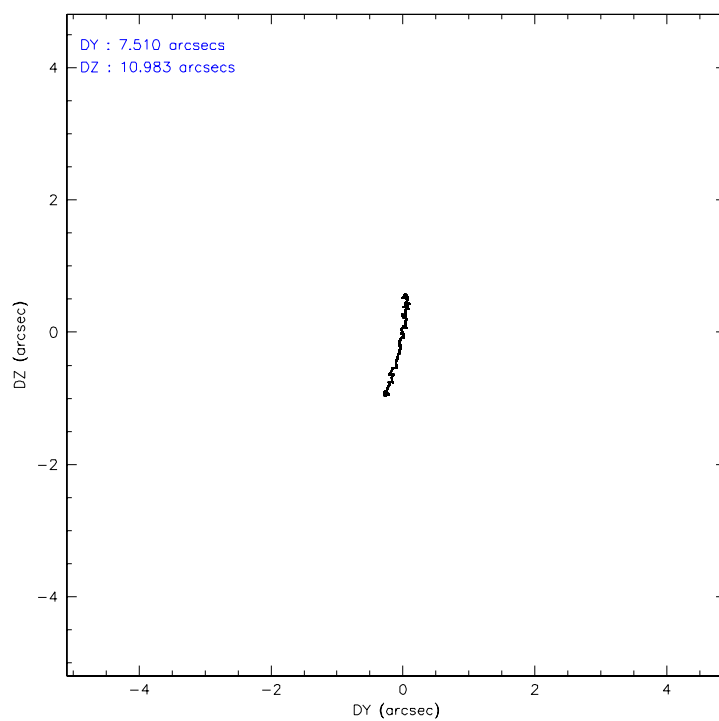
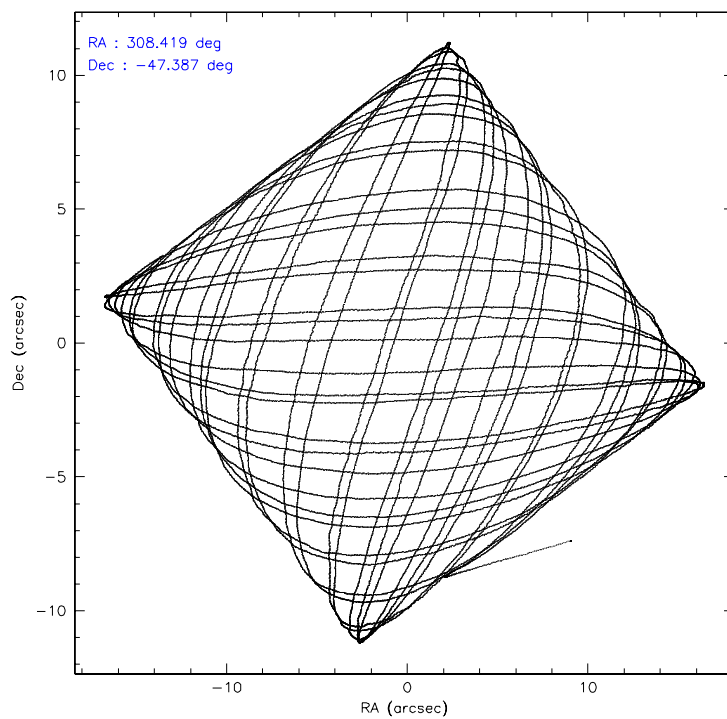
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	117691	113301	125194	166472	153911
rejected events	103857	99682	110633	104310	121552
rejected %	88%	87%	88%	62%	78%

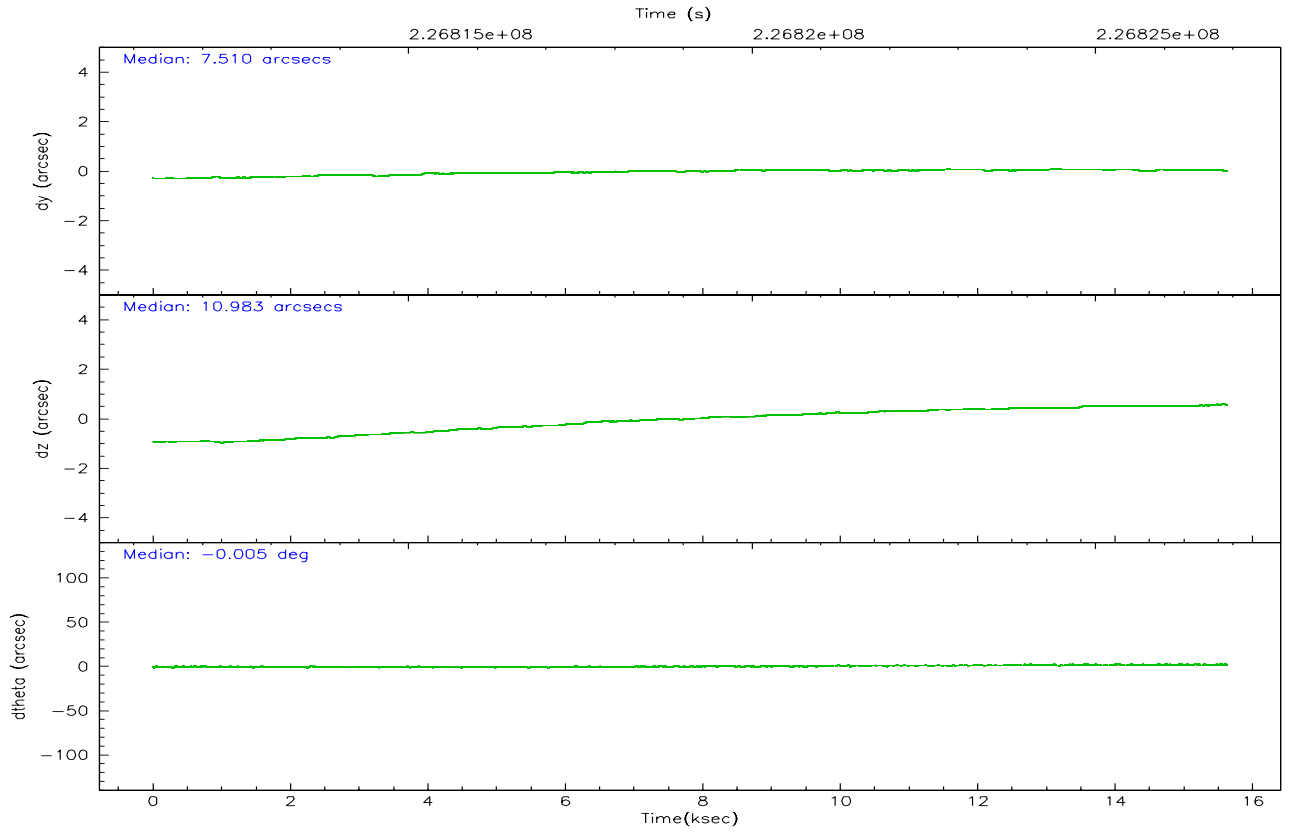
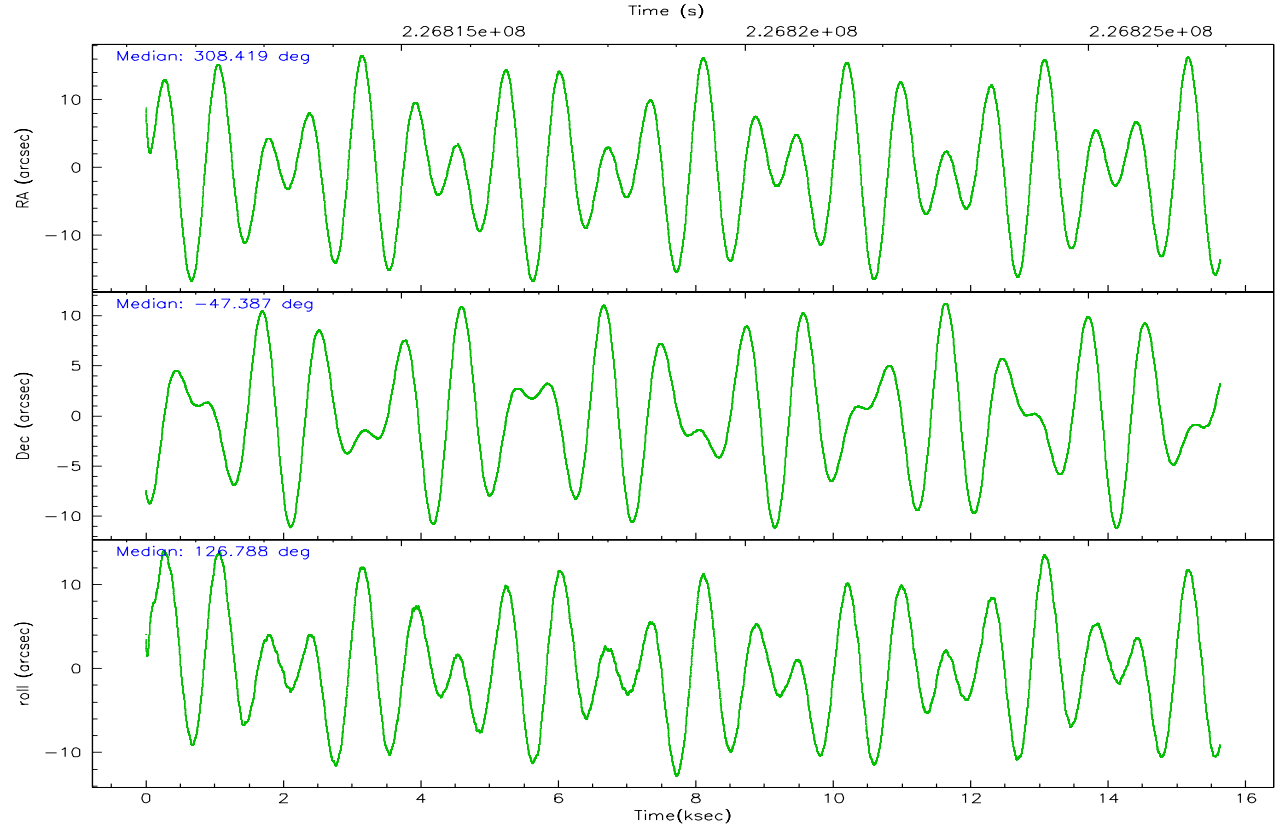
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	6448	6224	6056	4020	10474
	5%	5%	4%	2%	6%
grade 1 events	77	80	57	102	101
	0%	0%	0%	0%	0%
grade 2 events	2941	2764	3176	15731	7227
	2%	2%	2%	9%	4%
grade 3 events	1339	1367	1464	3184	3609
	1%	1%	1%	1%	2%
grade 4 events	1347	1389	1413	3178	3317
	1%	1%	1%	1%	2%
grade 5 events	4670	5361	5523	10542	7380
	3%	4%	4%	6%	4%
grade 6 events	2233	2348	2945	38104	8595
	1%	2%	2%	22%	5%
grade 7 events	98636	93768	104560	91611	113208
	83%	82%	83%	55%	73%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23678	ACIS-23678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	308.456176	308.4190261029199	Alternating exposures requested	N	N
Pointing Dec	-47.397028	-47.38667117810977	Primary exposure time	0.000000	3.1
Pointing Roll	126.664371	126.7936423463241			
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	226811411.184000	226810170.478			
Observation start date	2005-03-10T03:09:07	2005-03-10T02:49:30			
Observation end time	226826911.184000	226827604.19129			
Observation end date	2005-03-10T07:27:27	2005-03-10T07:40:04			
Read mode	TIMED	TIMED			

2.3 Aspect



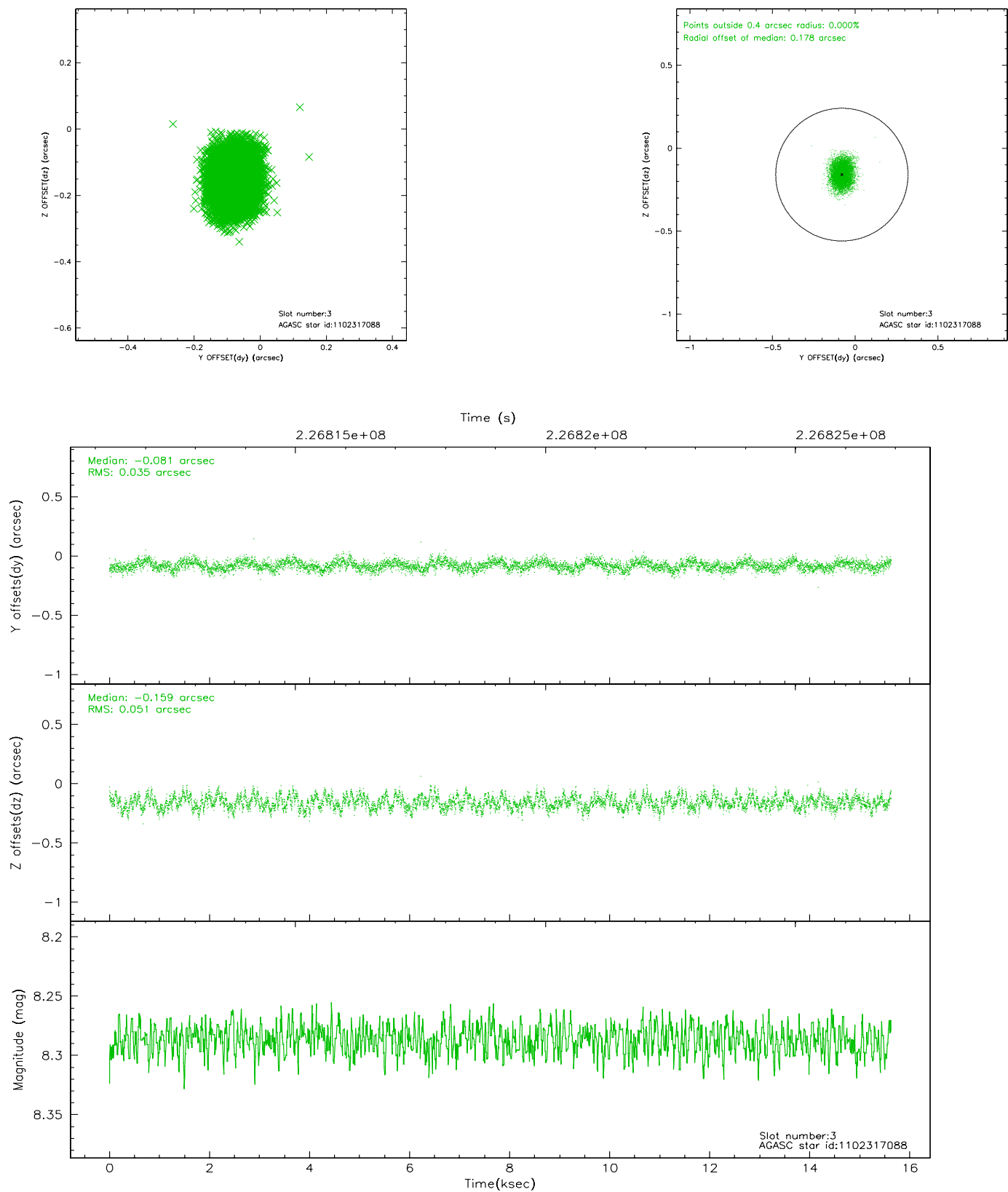


Slot Statistics

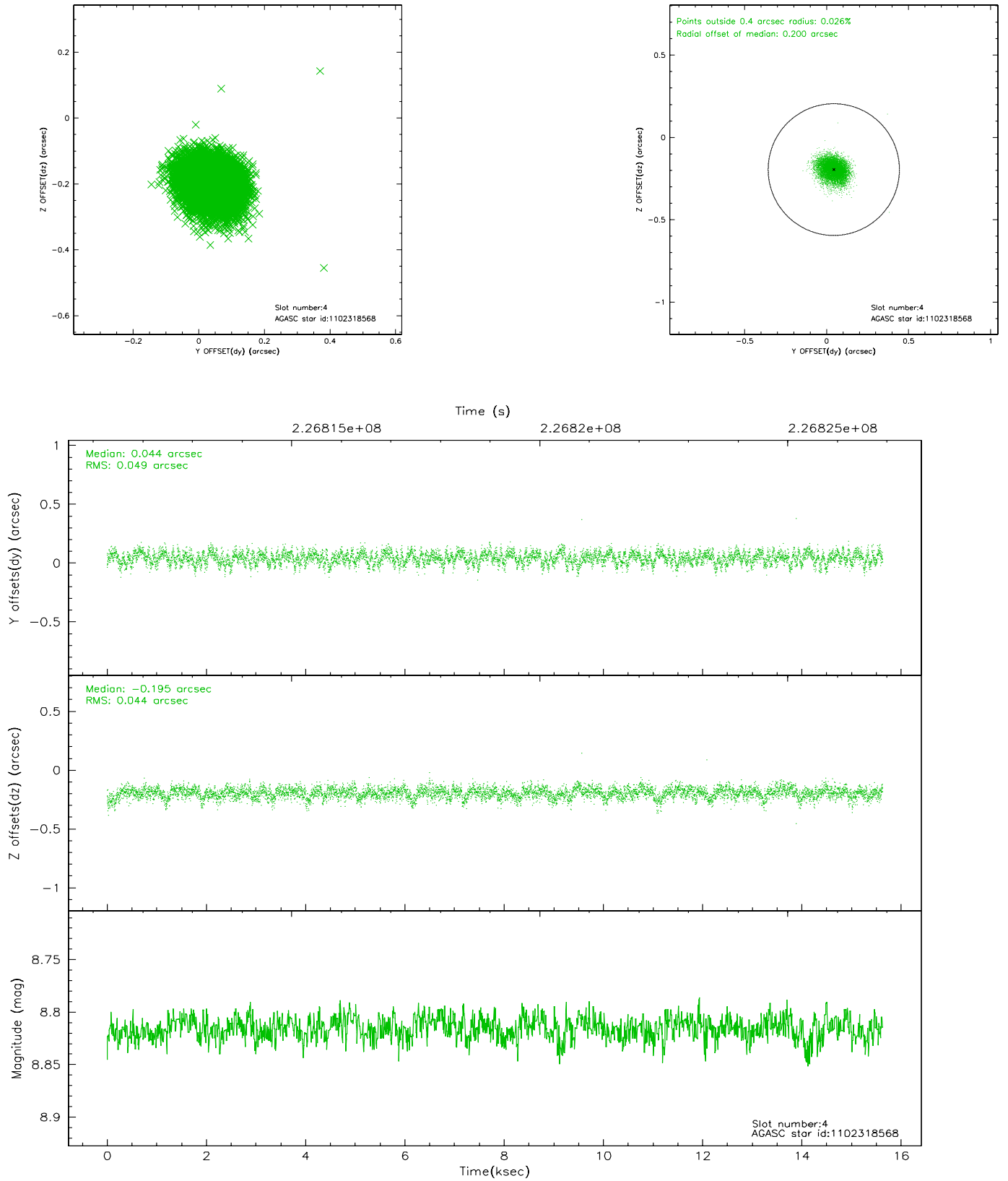
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	3813	-0.031	0.002	0.011	0.017	0.000000	0.000000	-760.22	-1732.18
1	FID	ACIS-S-4	7.20	3813	0.056	0.014	0.009	0.014	0.000000	0.000000	2152.98	176.08
2	FID	ACIS-S-5	7.23	3813	-0.055	-0.008	0.008	0.013	0.000000	0.000000	-1812.76	169.98
3	GUIDE	1102317088	8.29	7623	-0.081	-0.159	0.067	0.107	308.152391	-47.242863	887.49	265.25
4	GUIDE	1102318568	8.82	7621	0.044	-0.195	0.069	0.113	308.543219	-47.837250	-1396.52	777.66
5	GUIDE	1102455768	8.48	7624	0.128	0.035	0.066	0.109	309.500211	-47.570620	-2028.72	-1650.46
6	GUIDE	1101792952	9.15	7618	-0.085	0.187	0.100	0.161	308.915812	-46.689291	1363.31	-2429.55
7	GUIDE	1102455208	9.14	7625	-0.008	0.136	0.081	0.132	309.768261	-47.528259	-2304.31	-2260.35

2.4 Star Slots

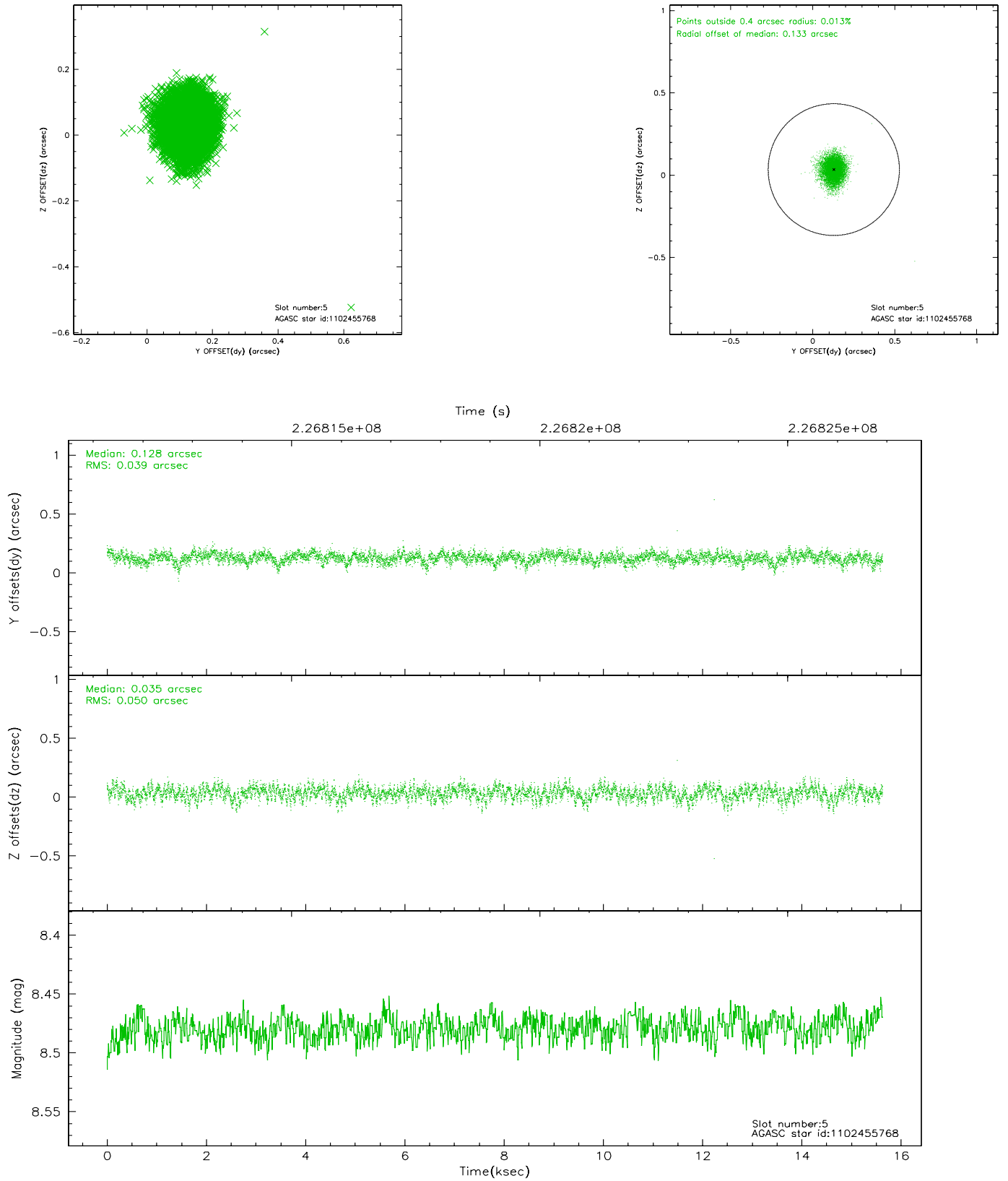
2.4.1 Slot 3



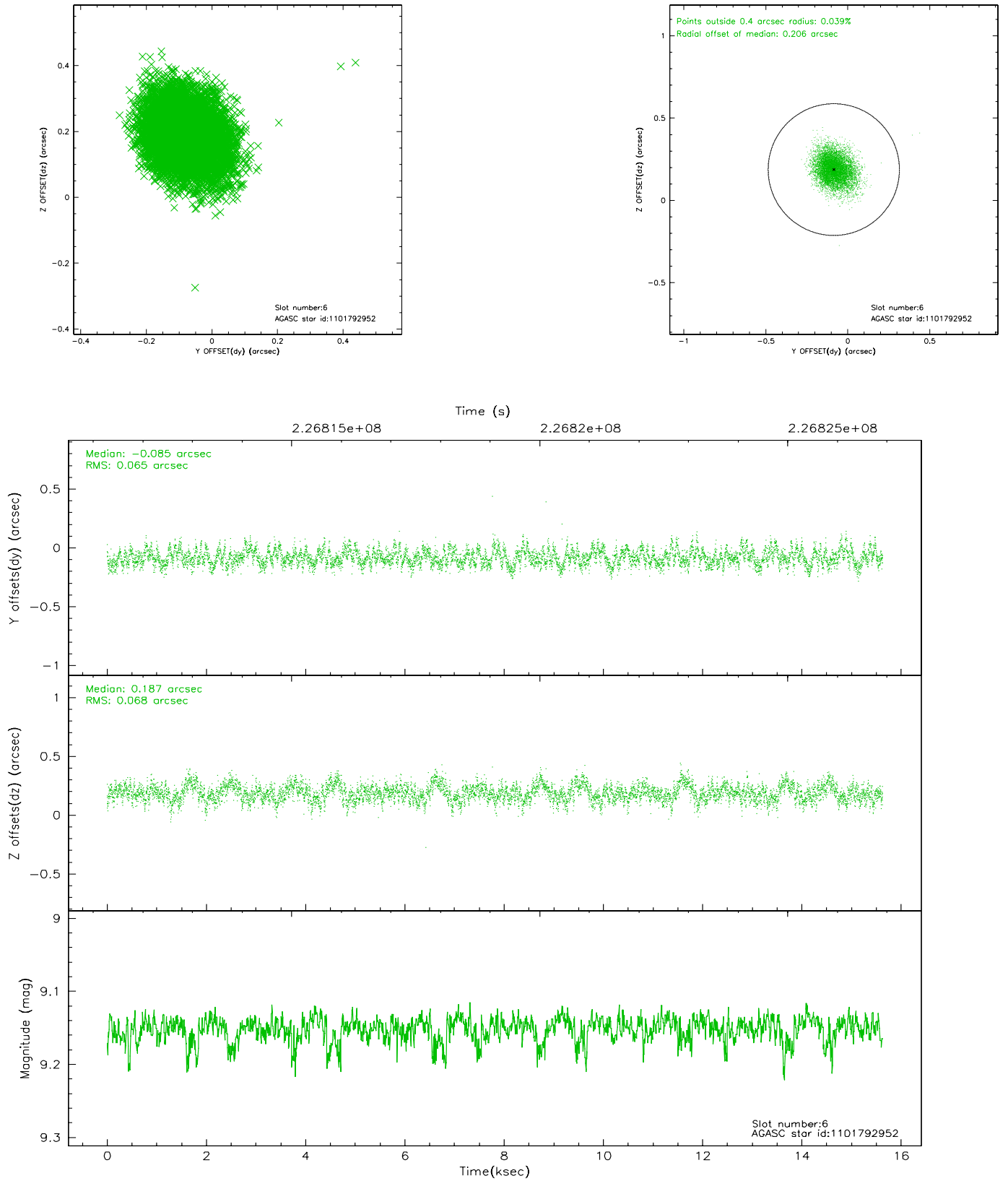
2.4.2 Slot 4



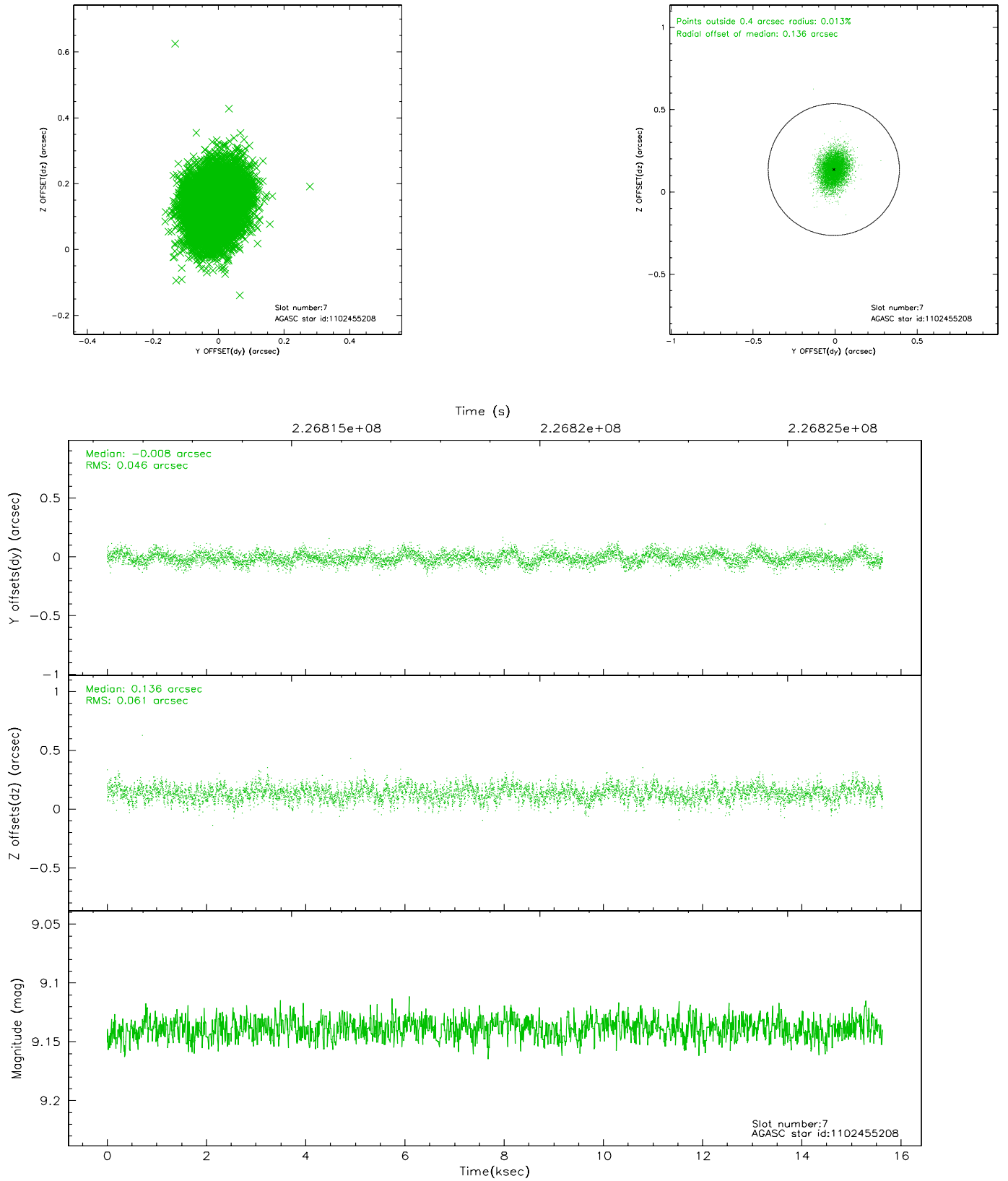
2.4.3 Slot 5



2.4.4 Slot 6

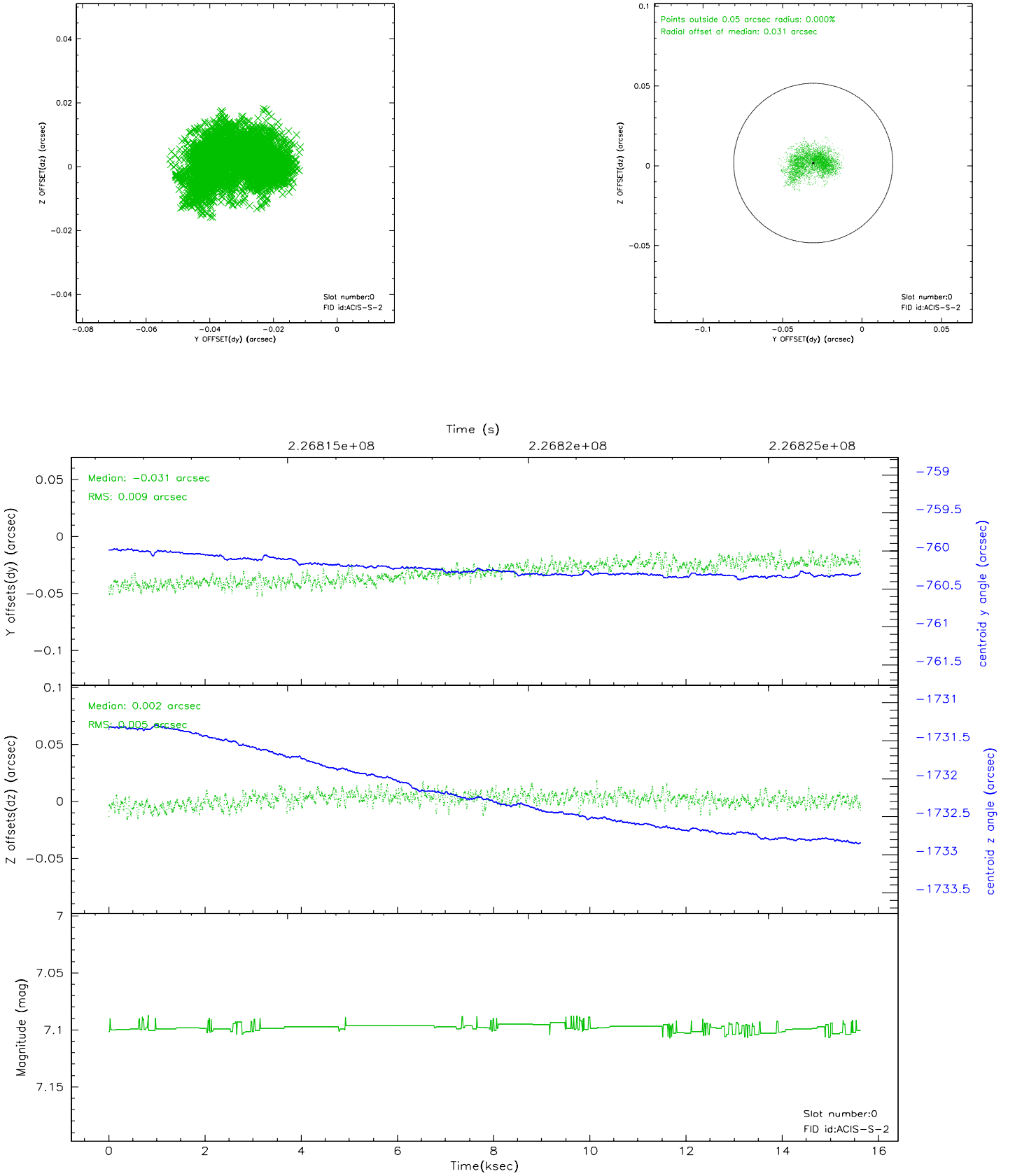


2.4.5 Slot 7

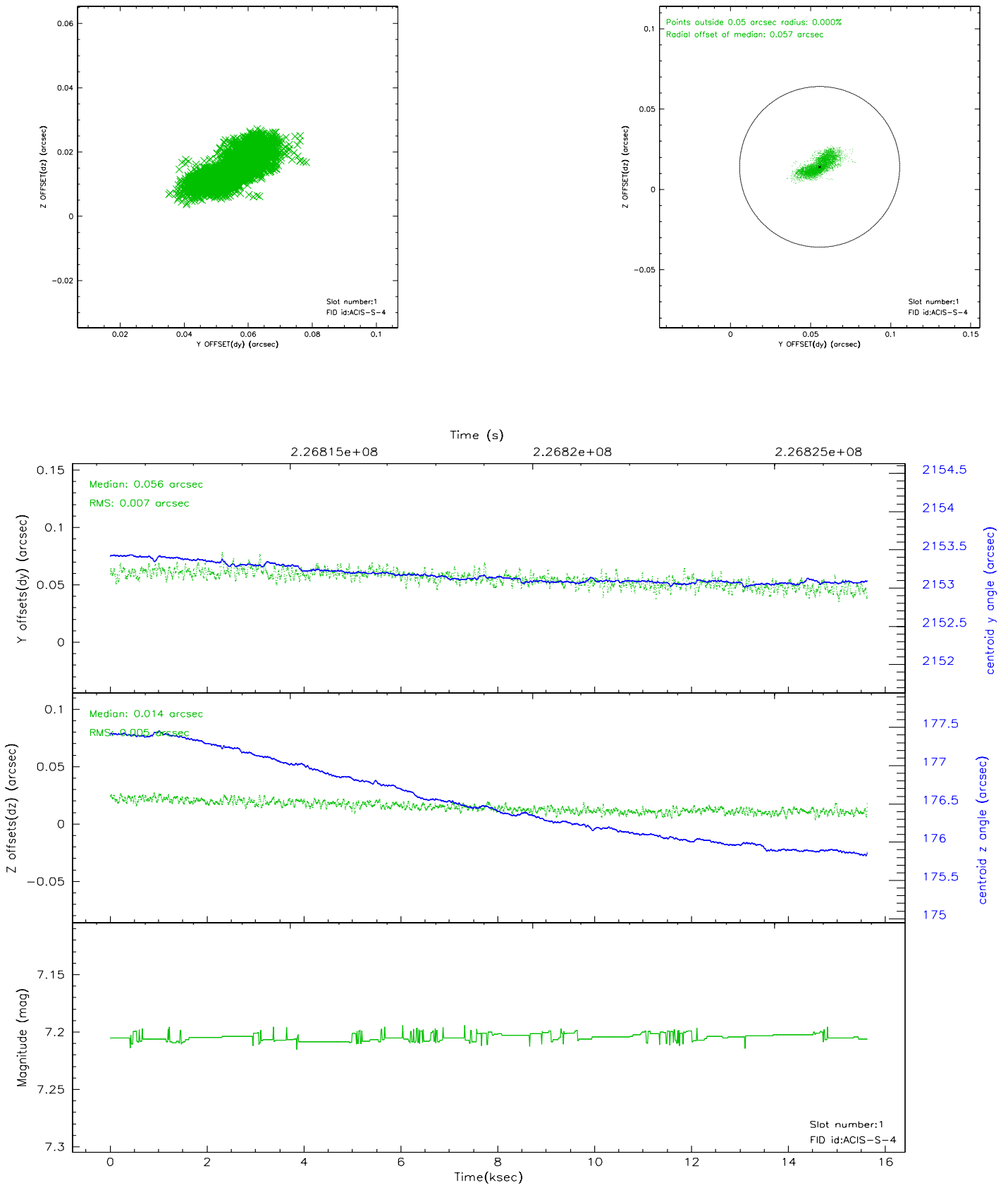


2.5 FID Slots

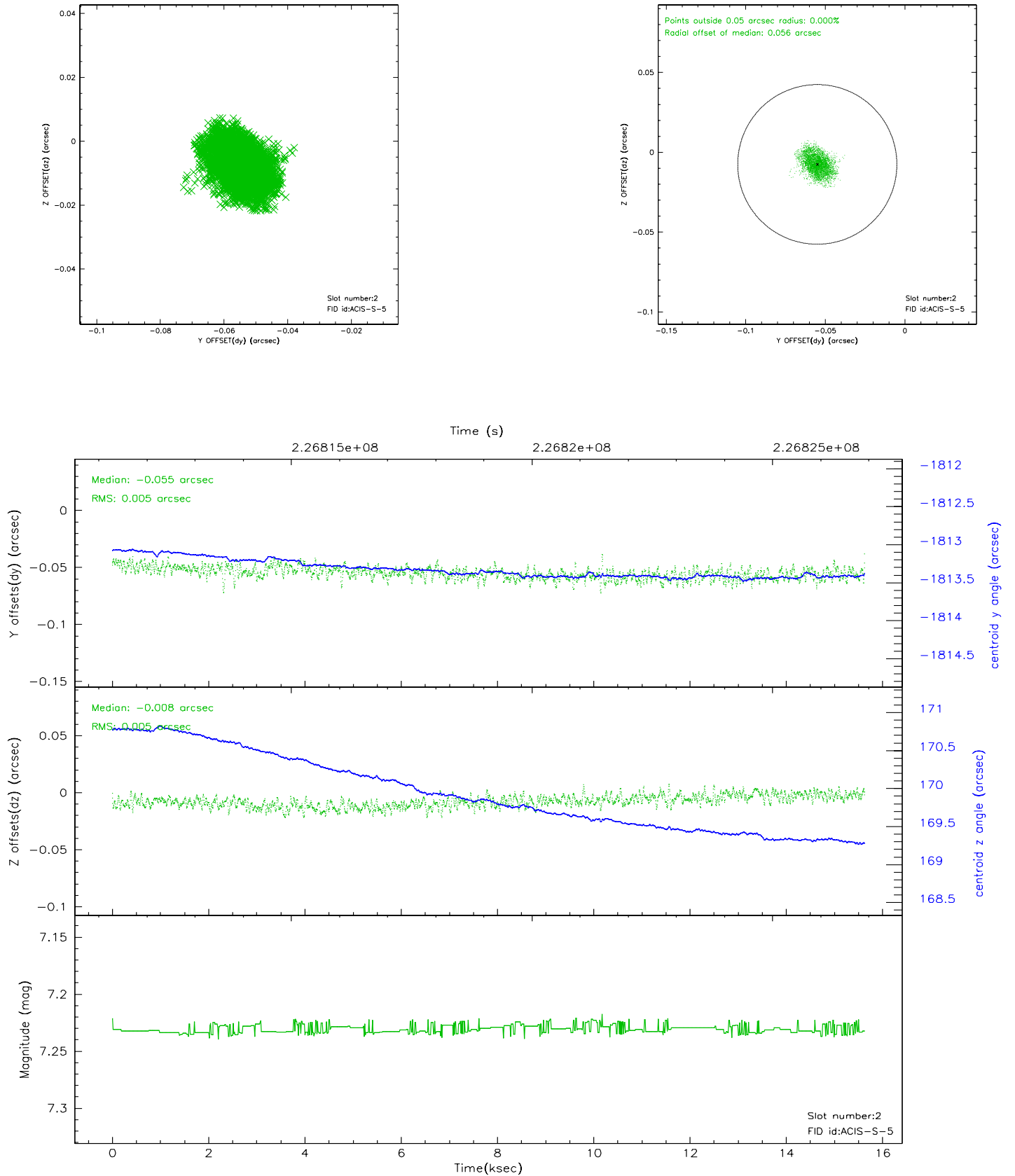
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

6.79 arcmin



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.02.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.62399

A.2 Comments