

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4055 - L2 Version 001
Chandra X-Ray Center

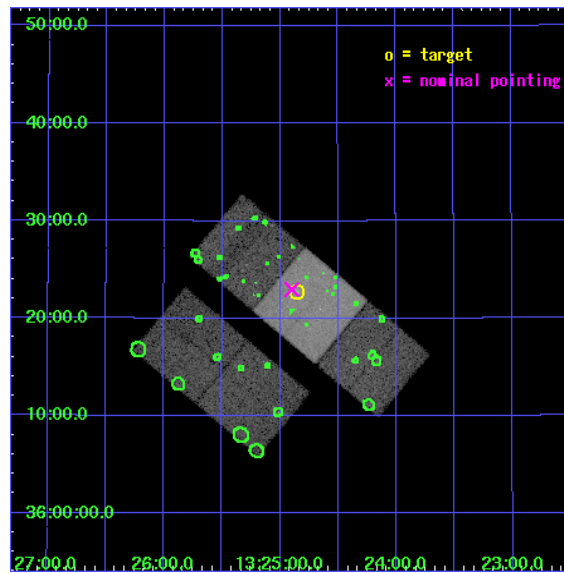
L2 Processing Date : Jun 26 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

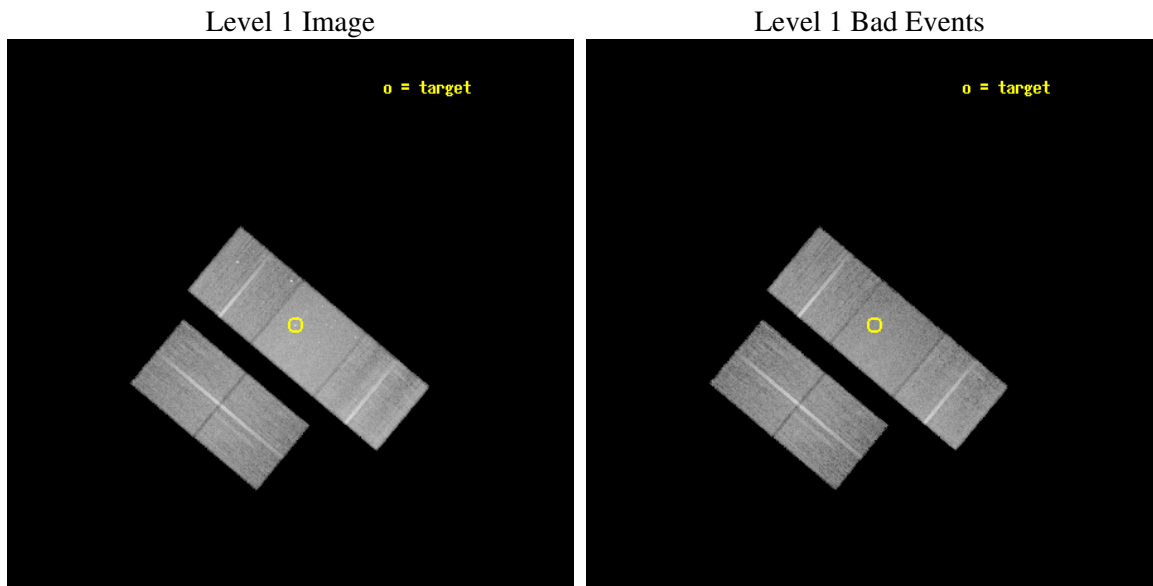
seq_num	700734
obs_id	4055
title	CHANDRA OBSERVATIONS OF A UNIFORM SAMPLE OF FRI GALAXIES
observer	Dr. Rita Sambruna
object	1322+36
dtcycle	0
cycle	P
ra_targ	201.214167
dec_targ	36.378333
ra_nom	201.22456135464
dec_nom	36.383130865866
roll_nom	39.915527034324
revision	2
ontime	30972.099940449
livetime	30567.426653399
ontime2	30972.099940449
ontime3	30968.958970219
ontime6	30968.958970219
ontime7	30972.099940449
ontime8	30972.099940449
l2events	164305



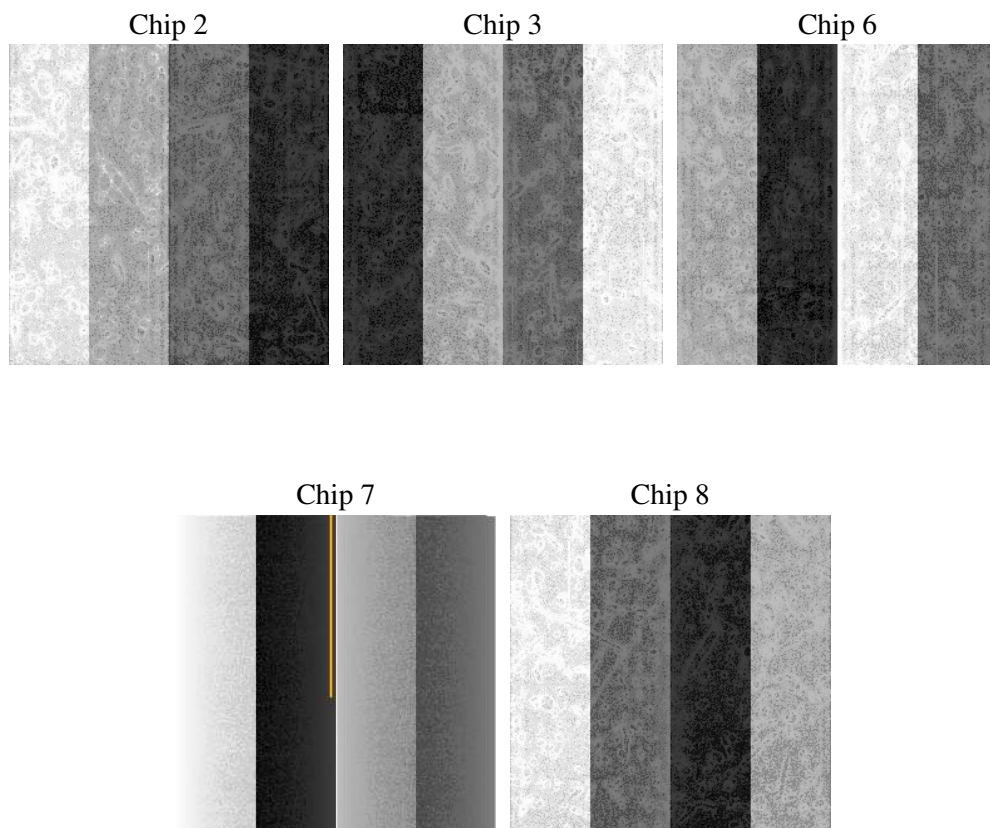
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	4
ascdsver	7.6.8
caldbver	3.2.2
date	2006-06-26T22:26:31
revision	2

sched_exp_time	30864.000000
ontime	30976.559902877
ontime2	30976.559902877
ontime3	30973.418902755
ontime6	30973.418902755
ontime7	30976.559902877
ontime8	30976.559902877
l1events	897181

2.1.4 Events

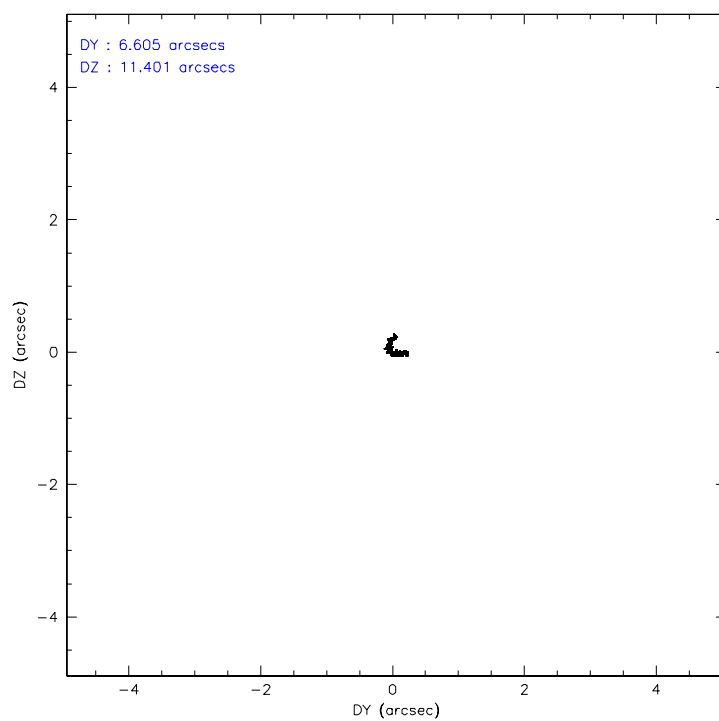
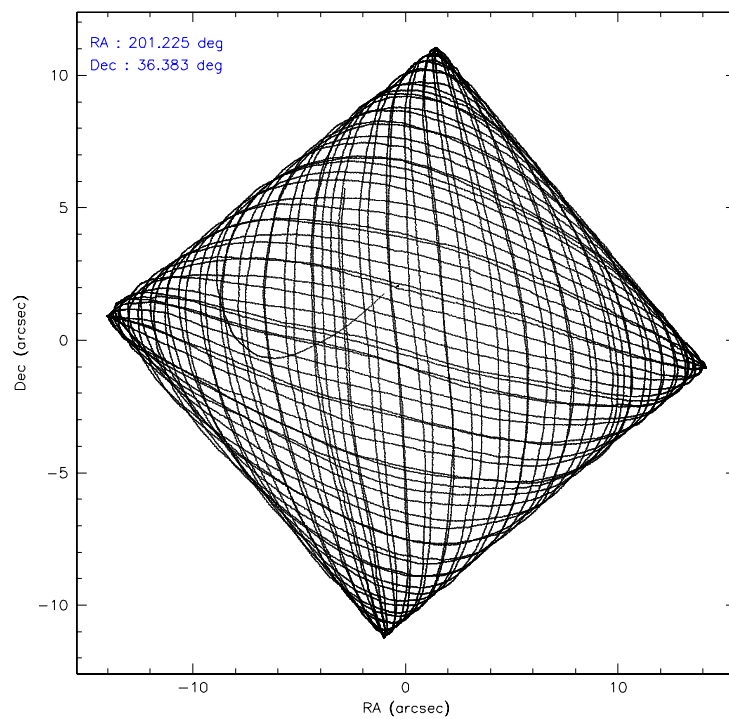
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	146919	148922	163632	222647	215061
rejected events	126699	129339	140493	132355	158037
rejected %	86%	86%	85%	59%	73%

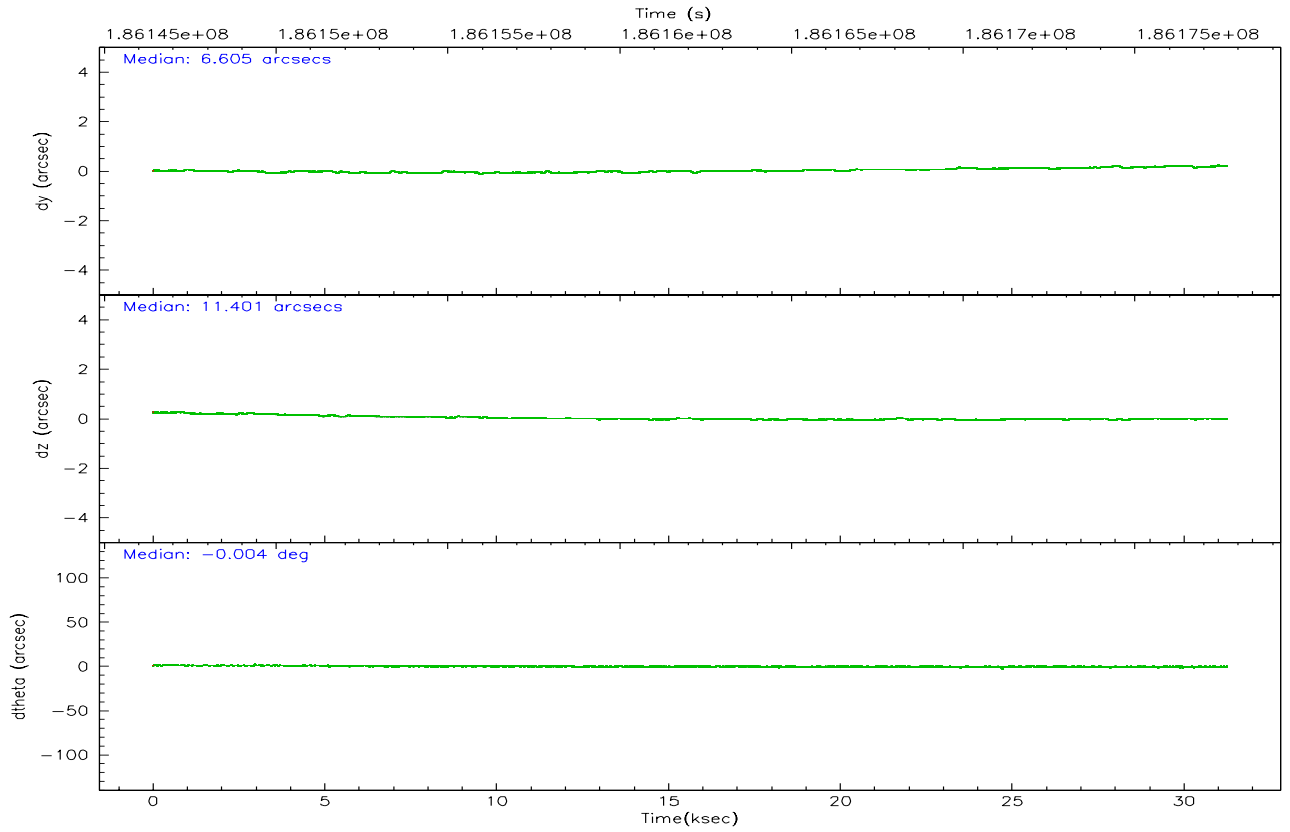
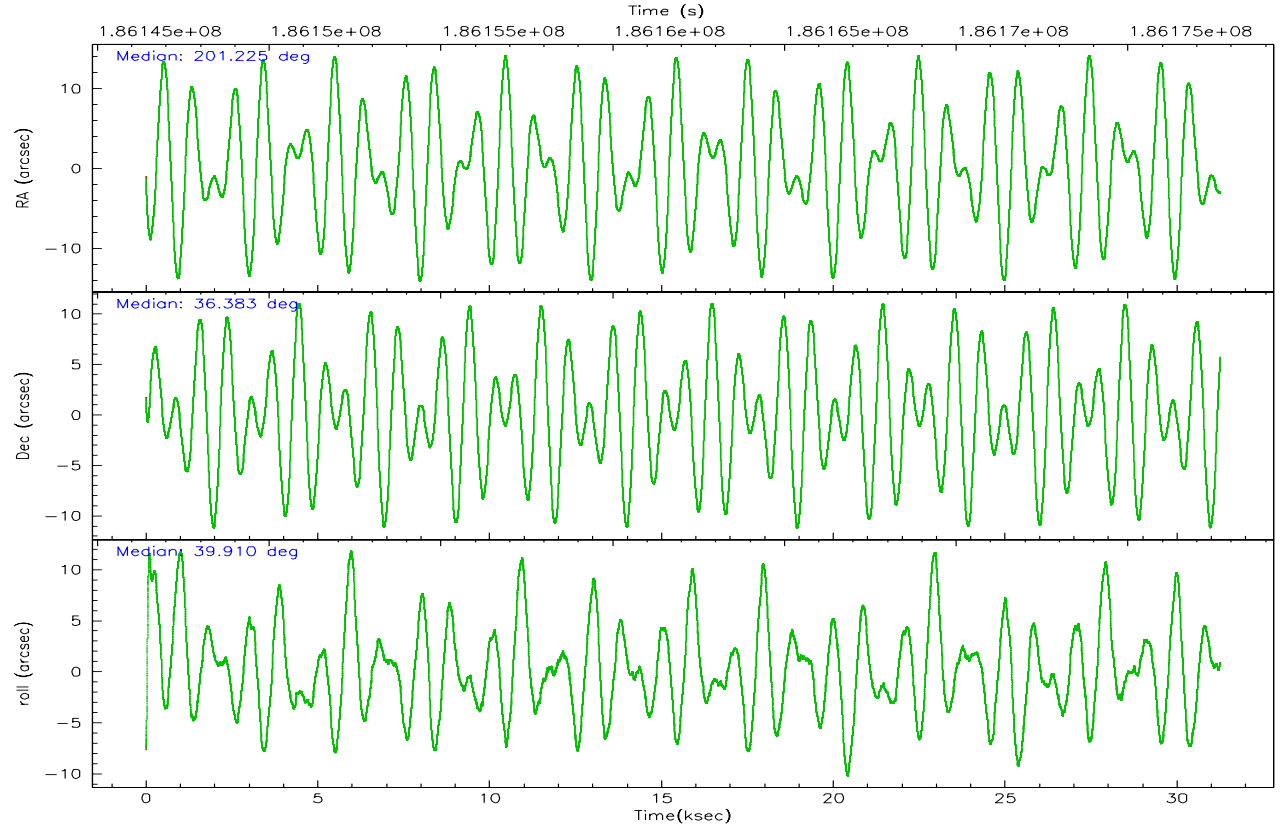
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	9272	8661	10529	6571	18606
	6%	5%	6%	2%	8%
grade 1 events	81	79	76	130	152
	0%	0%	0%	0%	0%
grade 2 events	4077	3861	4639	22013	10894
	2%	2%	2%	9%	5%
grade 3 events	1774	1783	1924	4716	7178
	1%	1%	1%	2%	3%
grade 4 events	1791	1827	1898	4698	6534
	1%	1%	1%	2%	3%
grade 5 events	5936	6815	7221	13749	9715
	4%	4%	4%	6%	4%
grade 6 events	3307	3455	4154	52302	13813
	2%	2%	2%	23%	6%
grade 7 events	120681	122441	133191	118468	148169
	82%	82%	81%	53%	68%

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	201.213408	201.2245613546418	Alternating exposures requested	N	N
Pointing Dec	36.357438	36.38313086586597	Primary exposure time	0.000000	3.1
Pointing Roll	39.765523	39.91552703432384			
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	186146810.184000	186145748.0359			
Observation start date	2003-11-25T11:25:46	2003-11-25T11:09:08			
Observation end time	186177674.184000	186178494.22482			
Observation end date	2003-11-25T20:00:10	2003-11-25T20:14:54			
Read mode	TIMED	TIMED			

2.3 Aspect



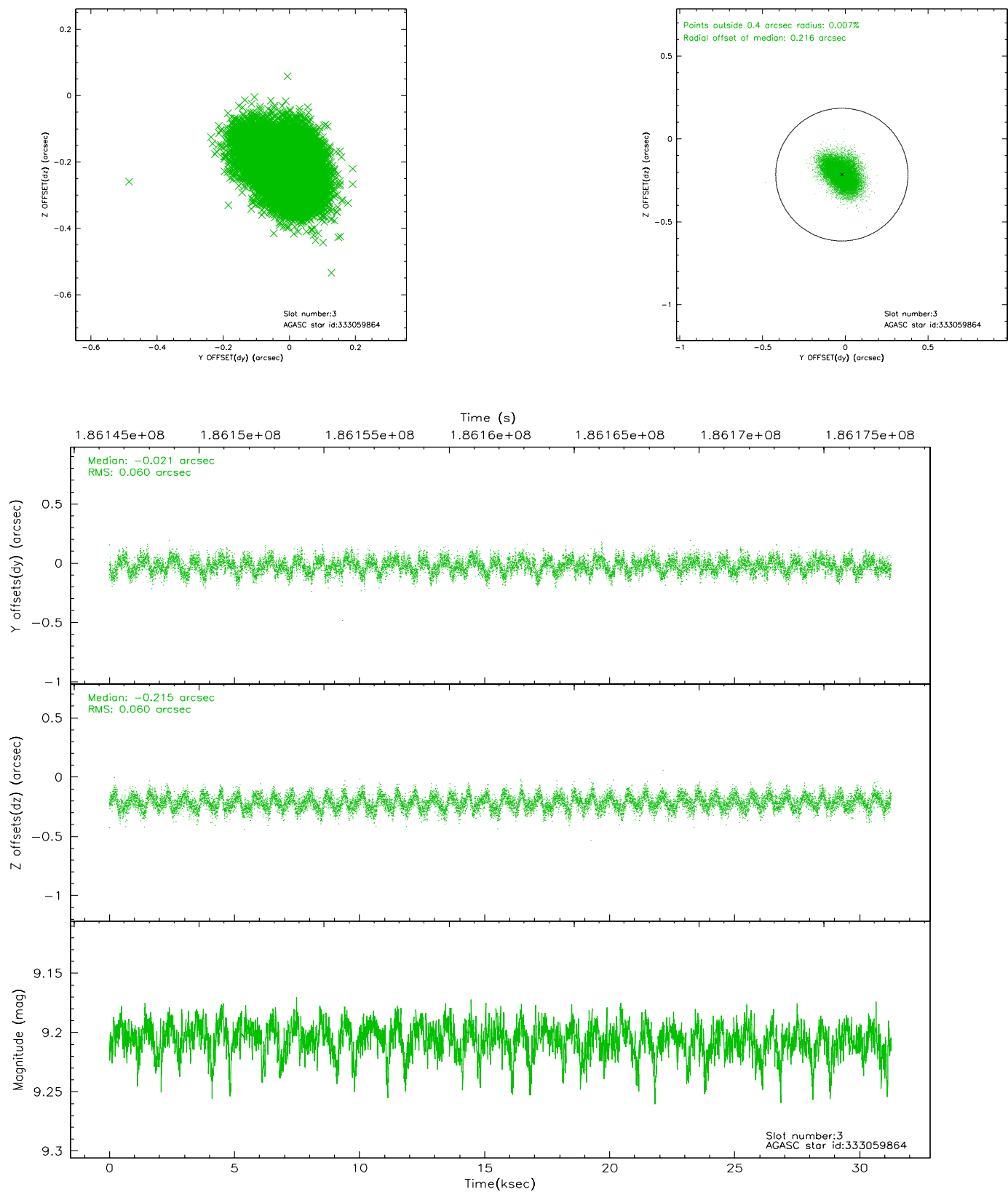


Slot Statistics

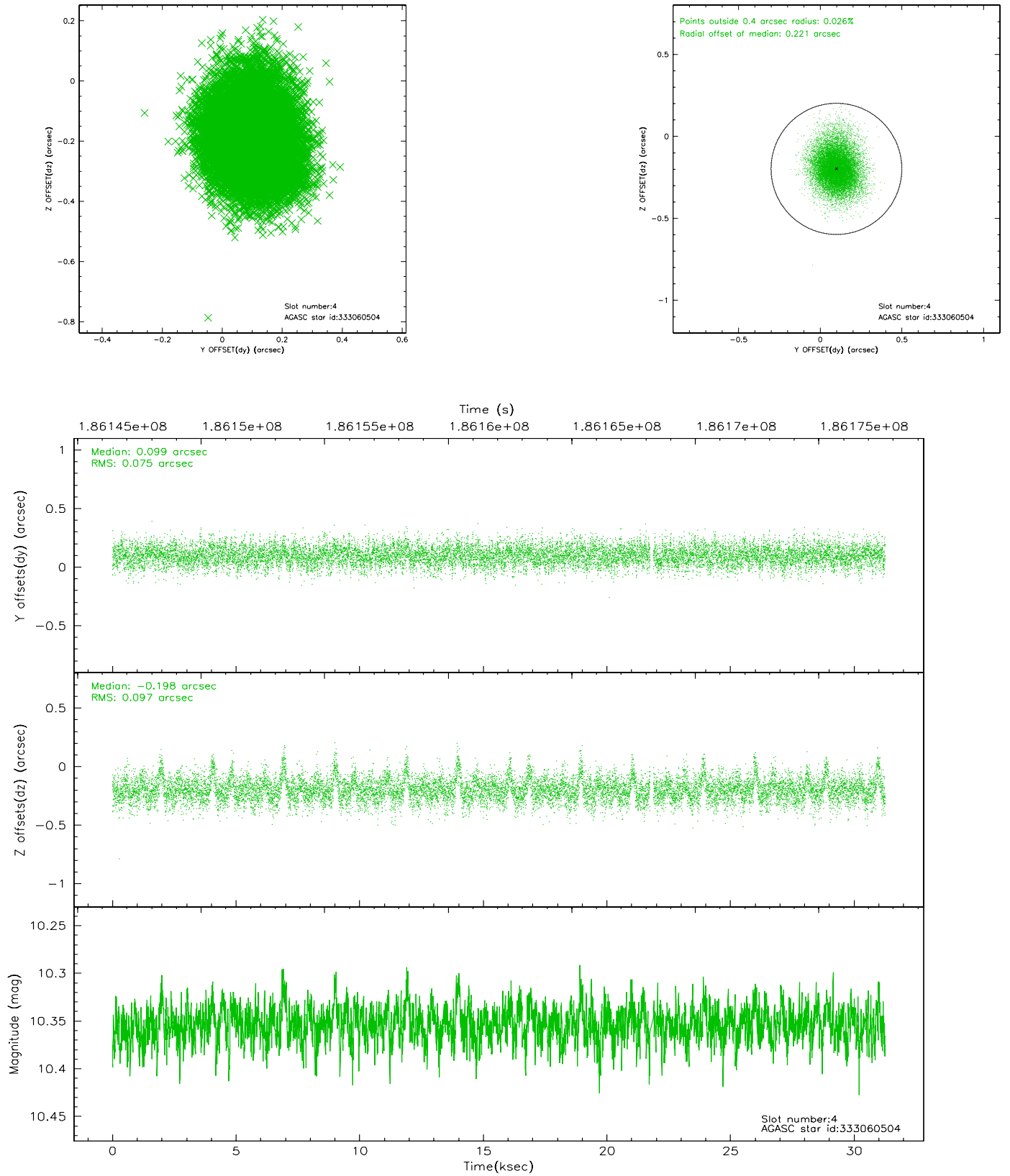
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	7624	-0.001	-0.059	0.007	0.011	0.000000	0.000000	936.62	-1728.43
1	FID	ACIS-S-4	7.20	7624	0.000	0.046	0.006	0.010	0.000000	0.000000	2154.09	175.75
2	FID	ACIS-S-5	7.23	7622	-0.026	0.026	0.006	0.010	0.000000	0.000000	-1812.16	169.45
3	GUIDE	333059864	9.21	15241	-0.021	-0.215	0.090	0.145	200.429616	36.479596	-1456.74	1796.28
4	GUIDE	333060504	10.35	15159	0.099	-0.198	0.128	0.218	200.494560	36.597389	-1039.52	1998.76
5	GUIDE	333187744	9.82	15243	0.095	0.237	0.093	0.151	201.019159	35.591863	-2199.30	-1753.96
6	GUIDE	333191184	8.98	15243	-0.131	0.077	0.085	0.138	202.273563	36.311253	2268.61	-2081.63
7	GUIDE	333192336	9.69	15241	-0.042	0.094	0.097	0.160	201.794441	36.406177	1409.83	-937.73

2.4 Star Slots

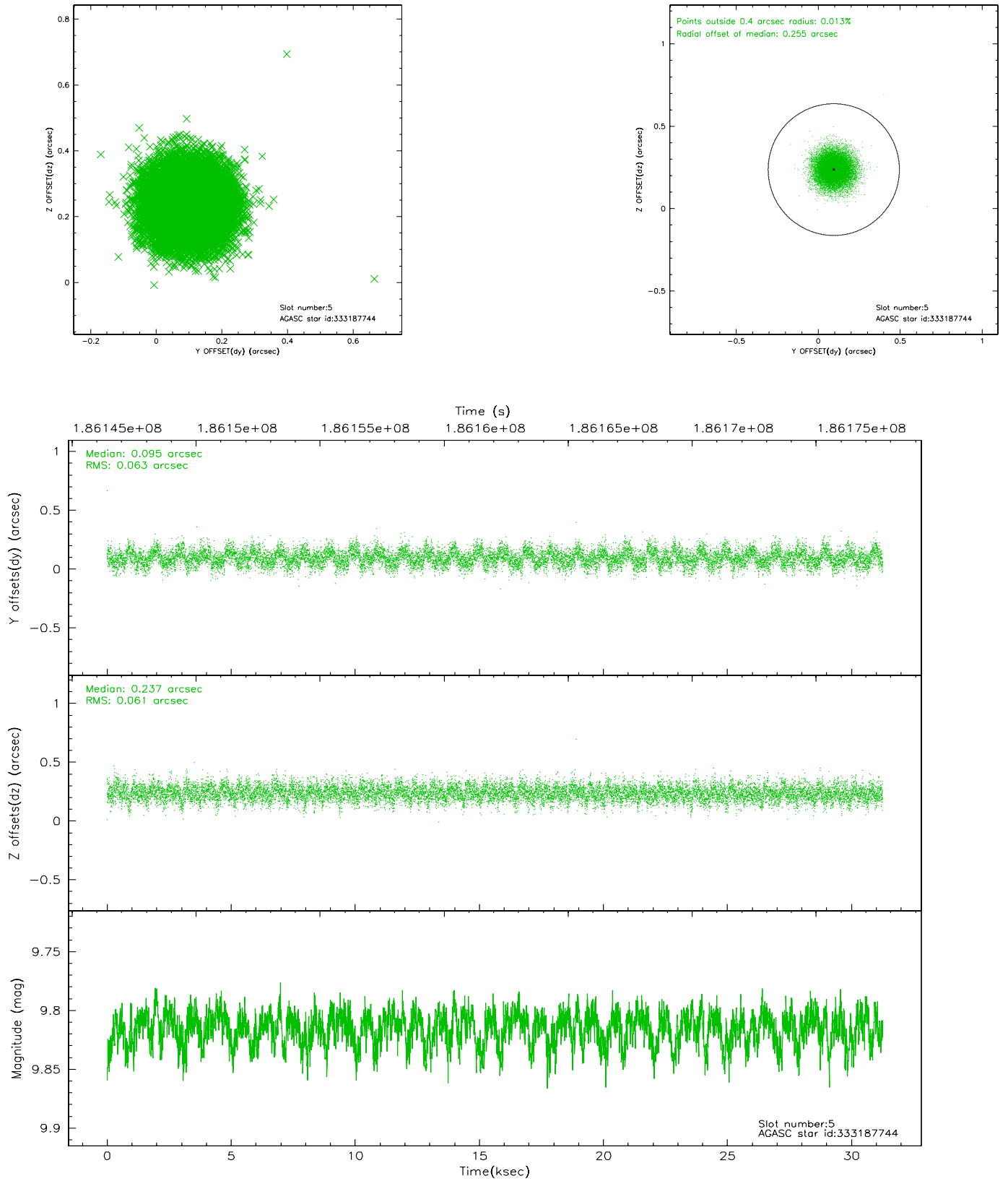
2.4.1 Slot 3



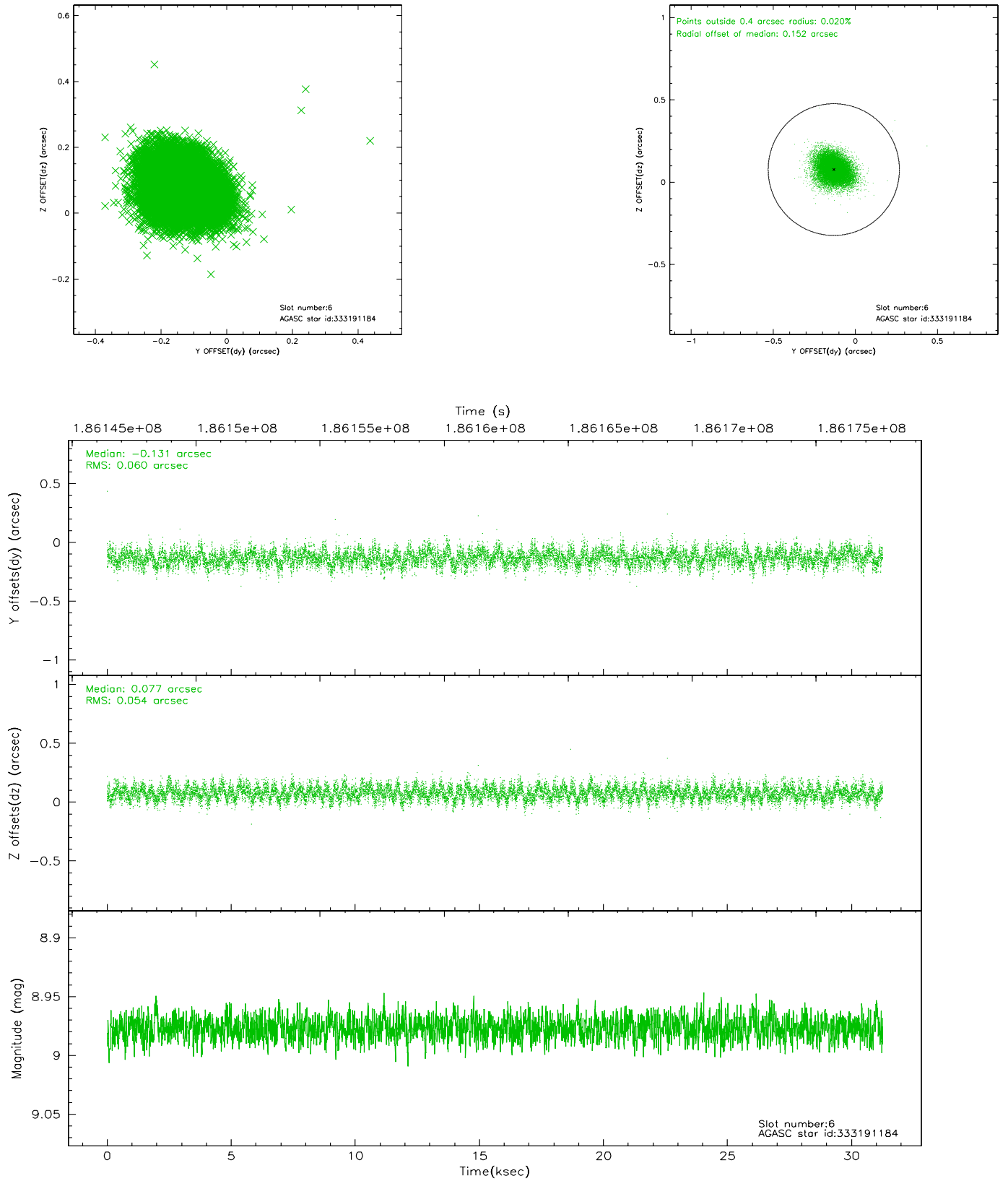
2.4.2 Slot 4



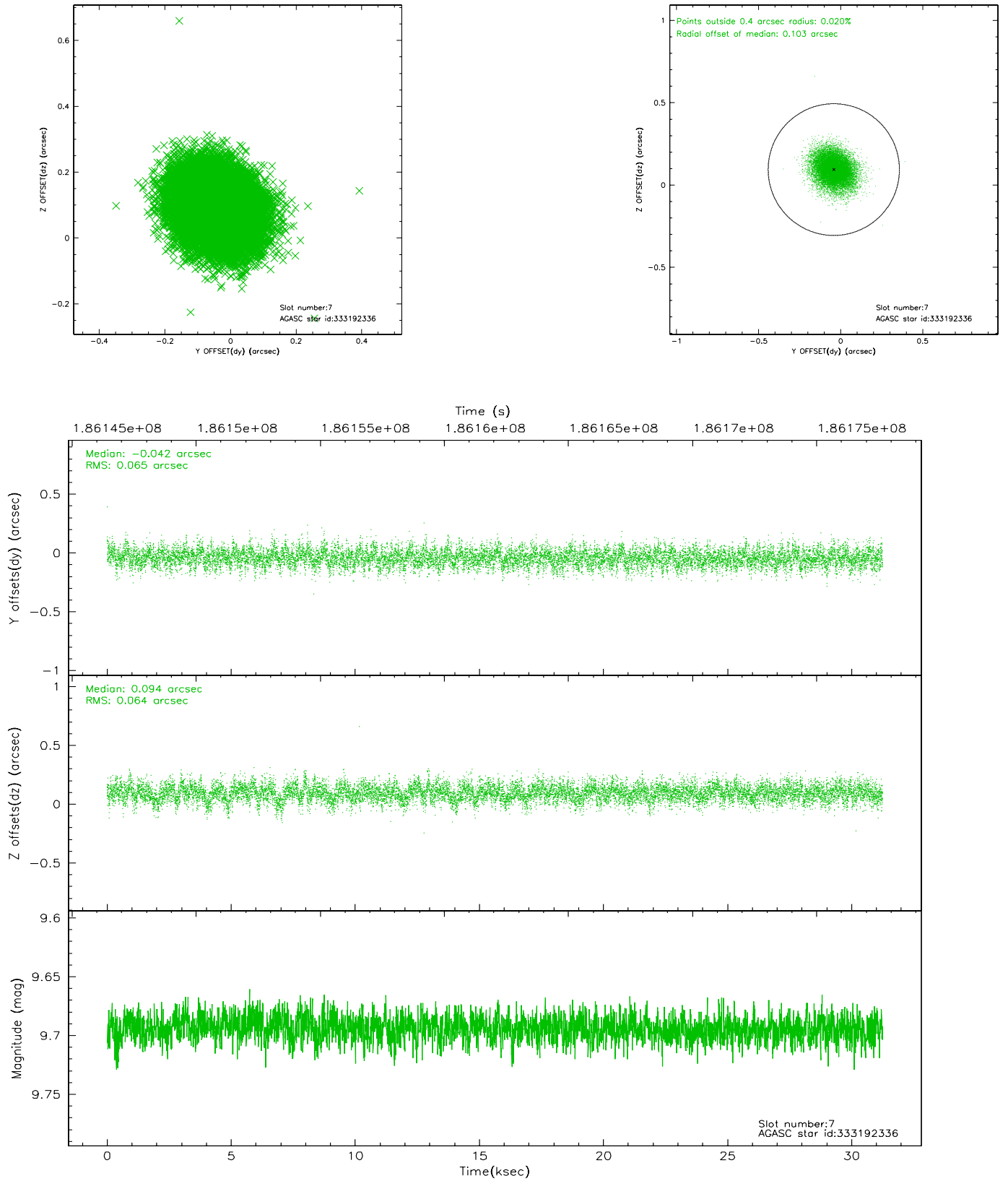
2.4.3 Slot 5



2.4.4 Slot 6

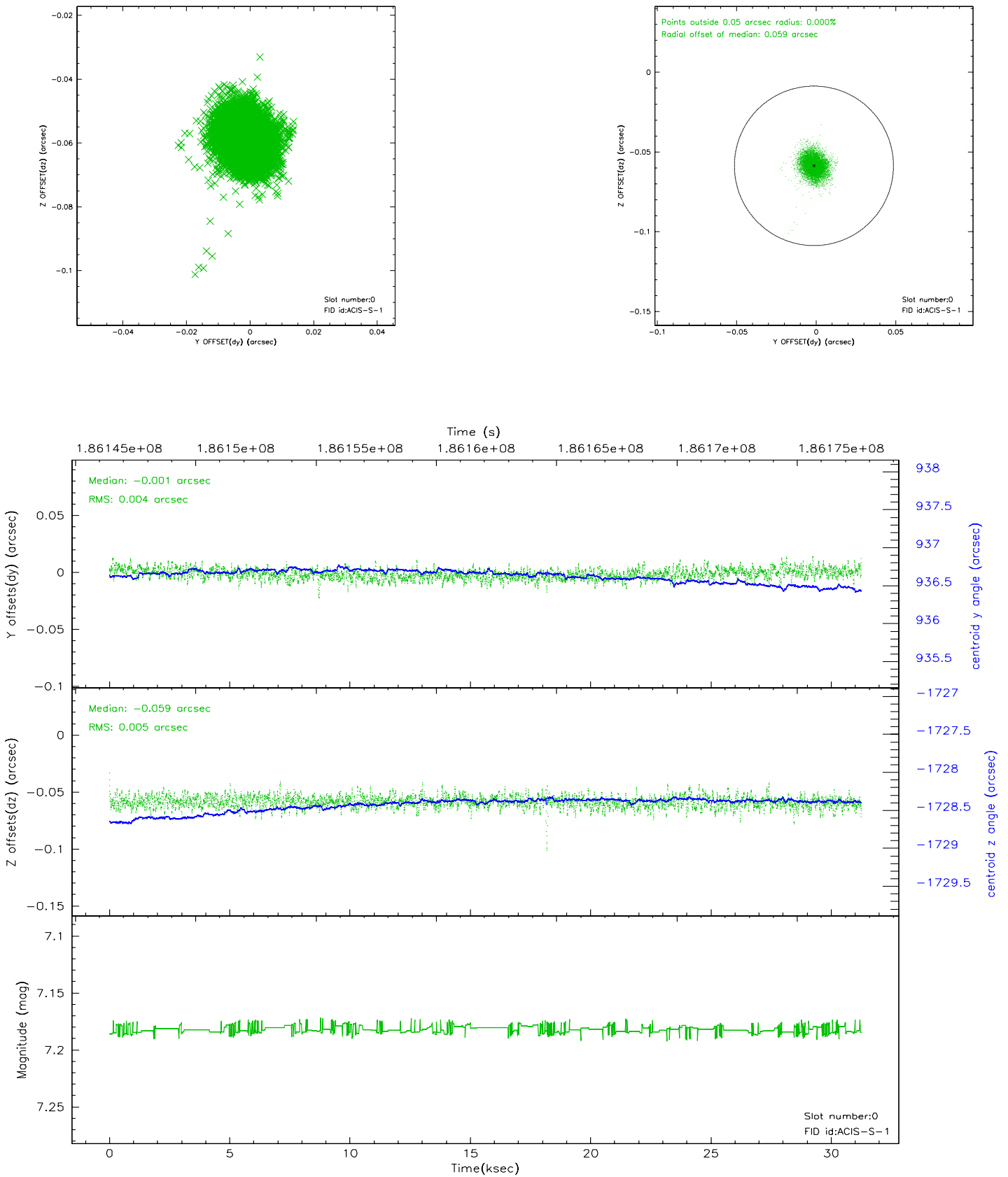


2.4.5 Slot 7

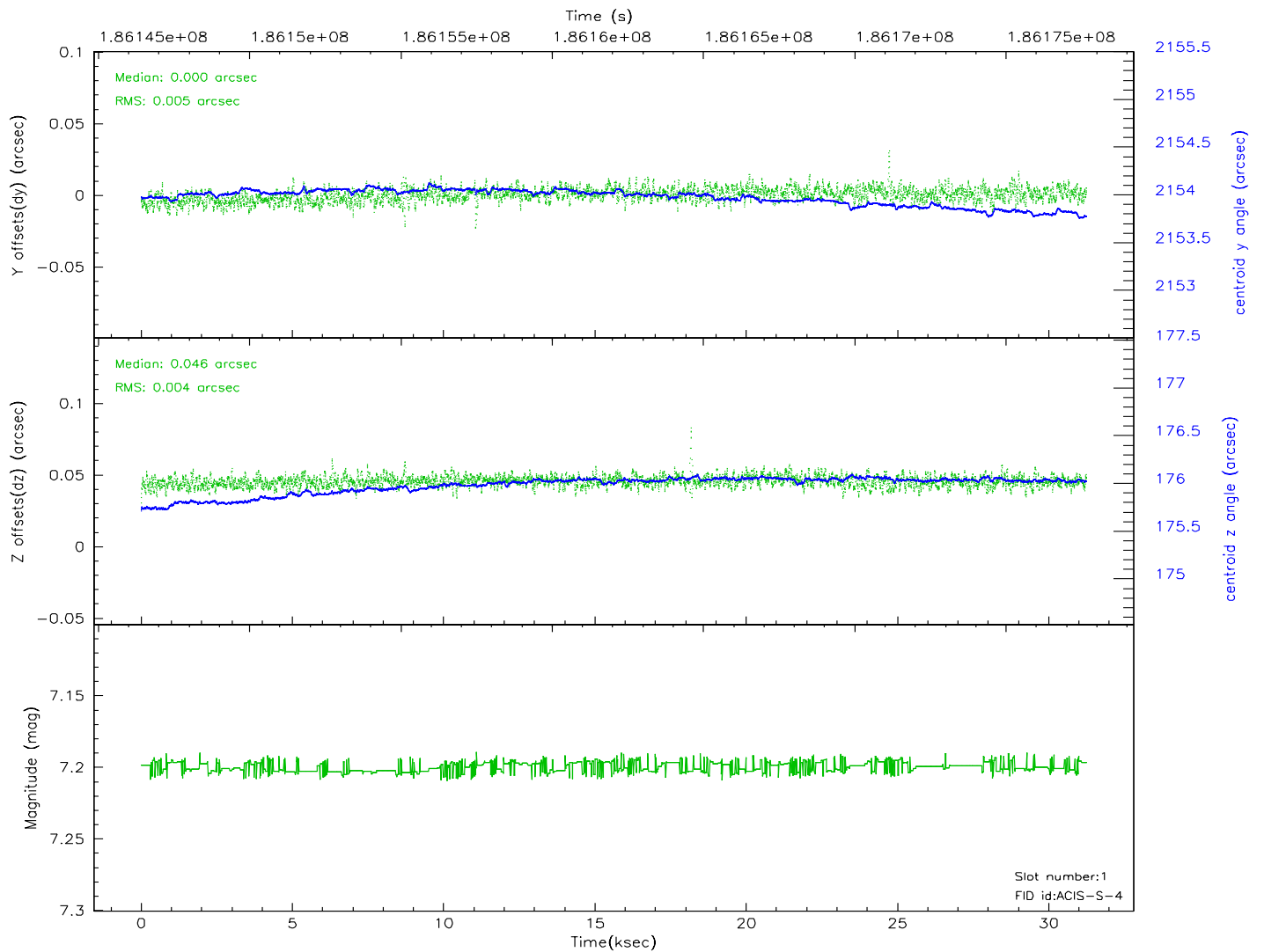
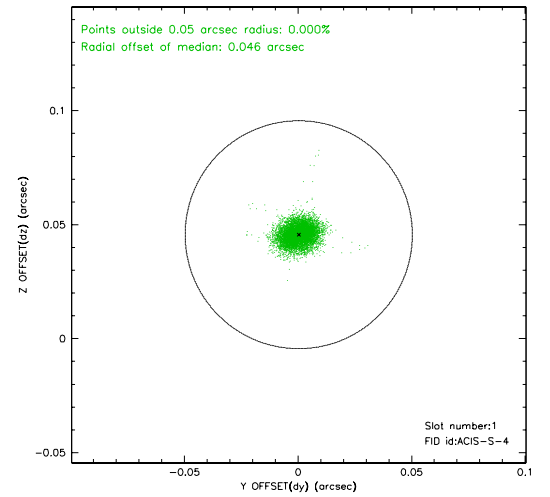
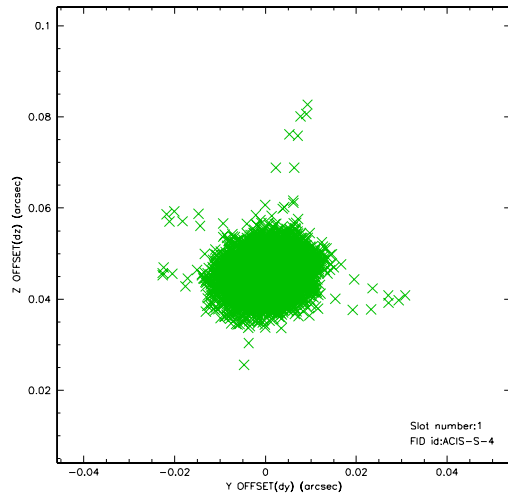


2.5 FID Slots

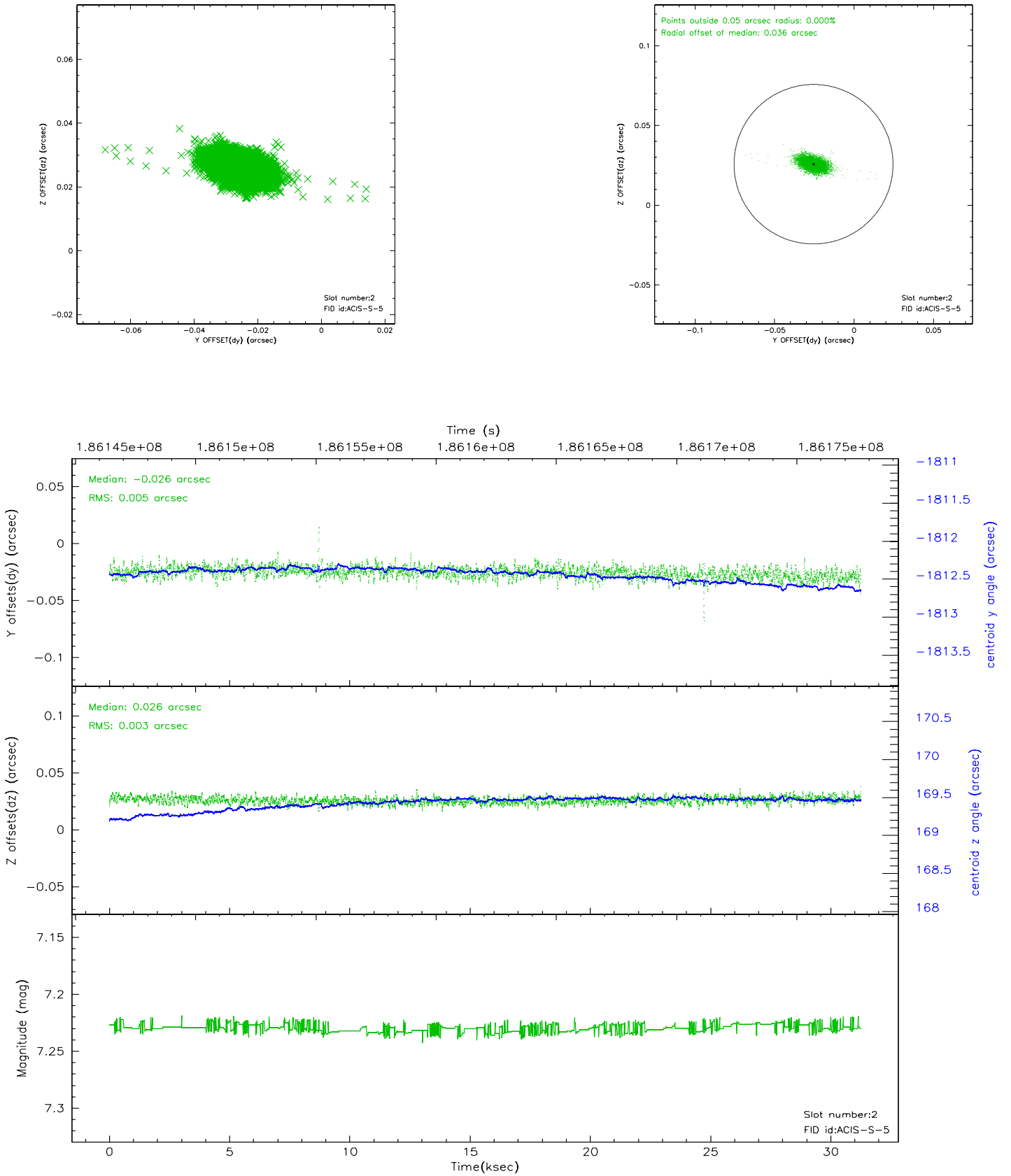
2.5.1 Slot 0



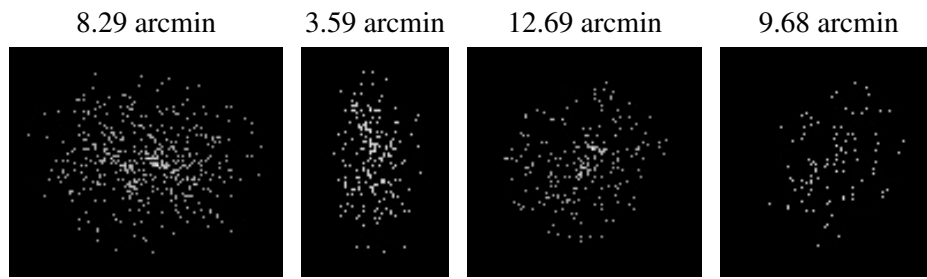
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.06.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.972

A.2 Comments