

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4425 - L2 Version 001
Chandra X-Ray Center

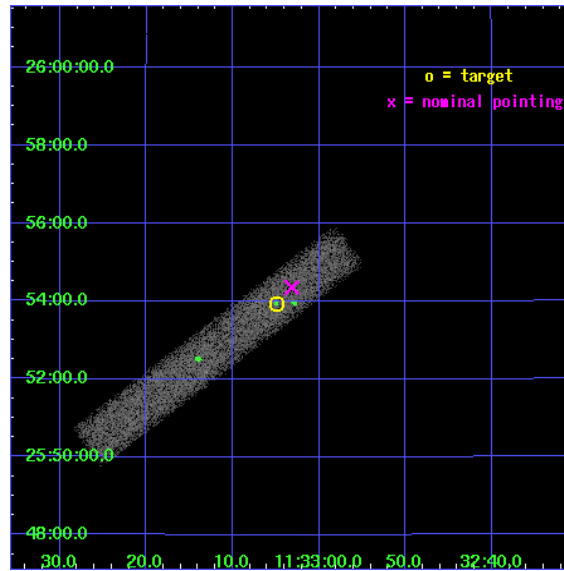
L2 Processing Date : Jul 22 2006

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

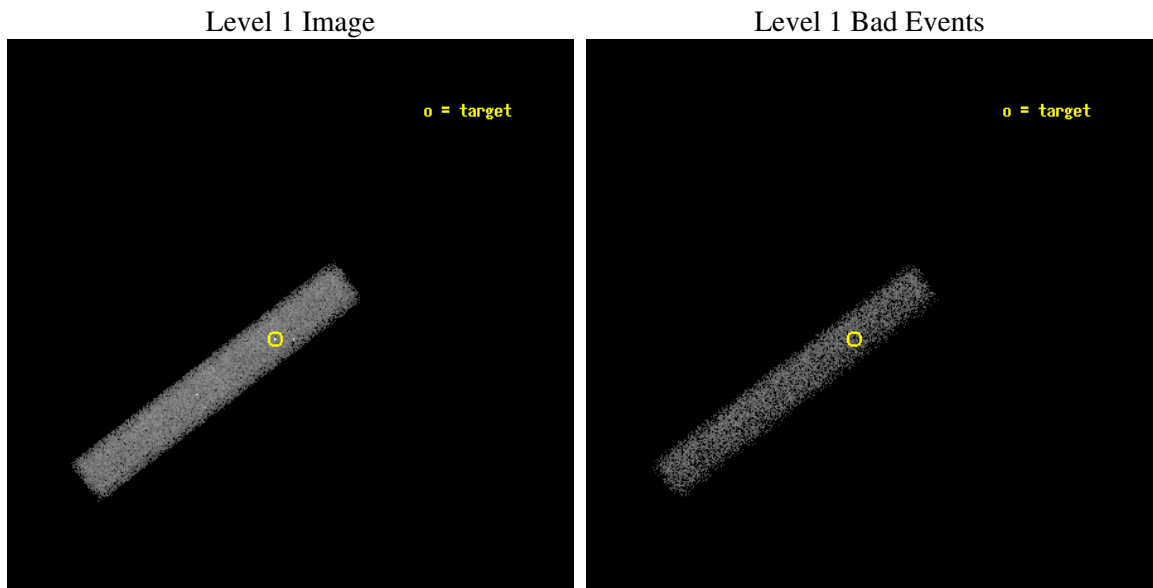
seq_num	500410
obs_id	4425
title	GRB030226: TESTING THE DUST DESTRUCTION HYPOTHESIS
observer	Dr. Kristian Pedersen
object	GRB030226
dtcycle	0
cycle	P
ra_targ	173.270417
dec_targ	25.898611
ra_nom	173.26315522734
dec_nom	25.905729043749
roll_nom	142.64807344661
revision	3
ontime	40172.35957852
livetime	36434.209666715
ontime7	40172.35957852
l2events	19096



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-22T12:07:45
revision	3

sched_exp_time	40000.000000
ontime	41565.818987221
ontime7	41565.818987221
l1events	46021

2.1.4 Events

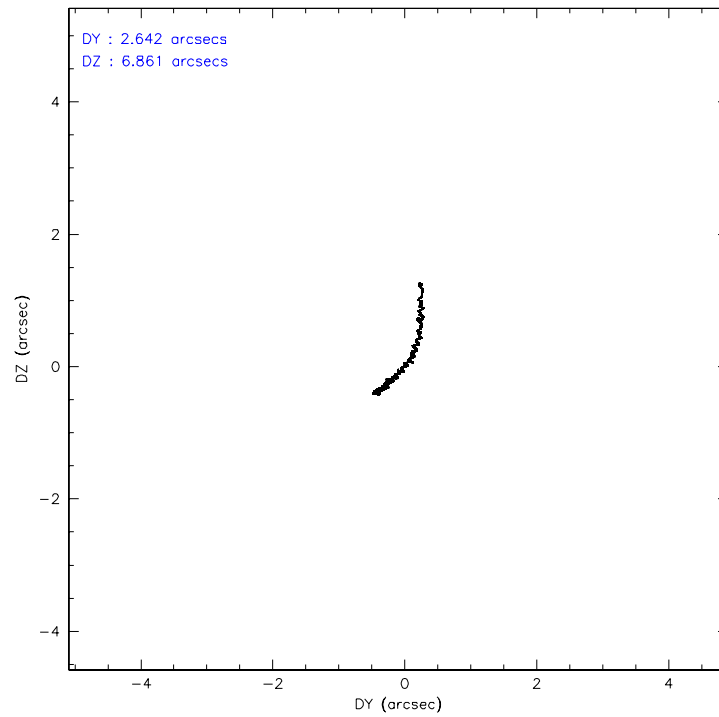
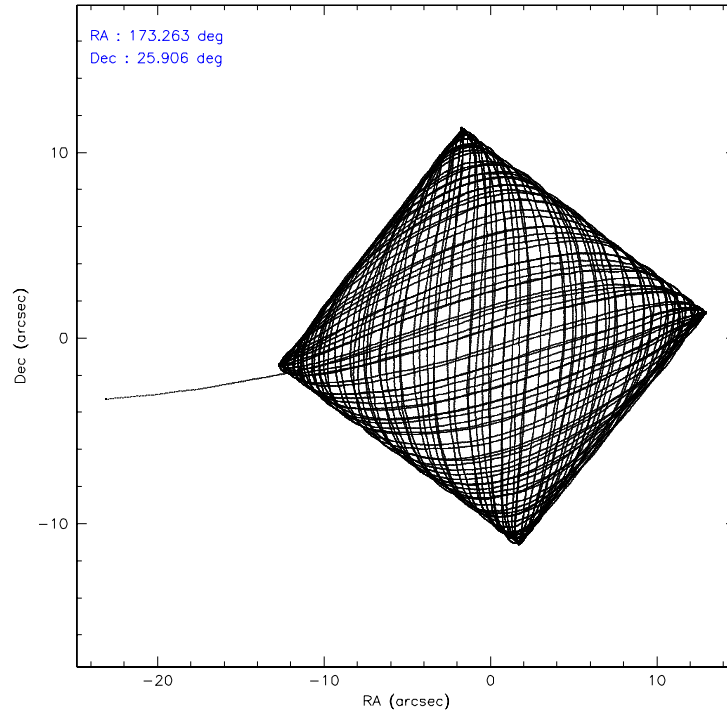
	ccd 7
level 1 events	46021
rejected events	26085
rejected %	56%

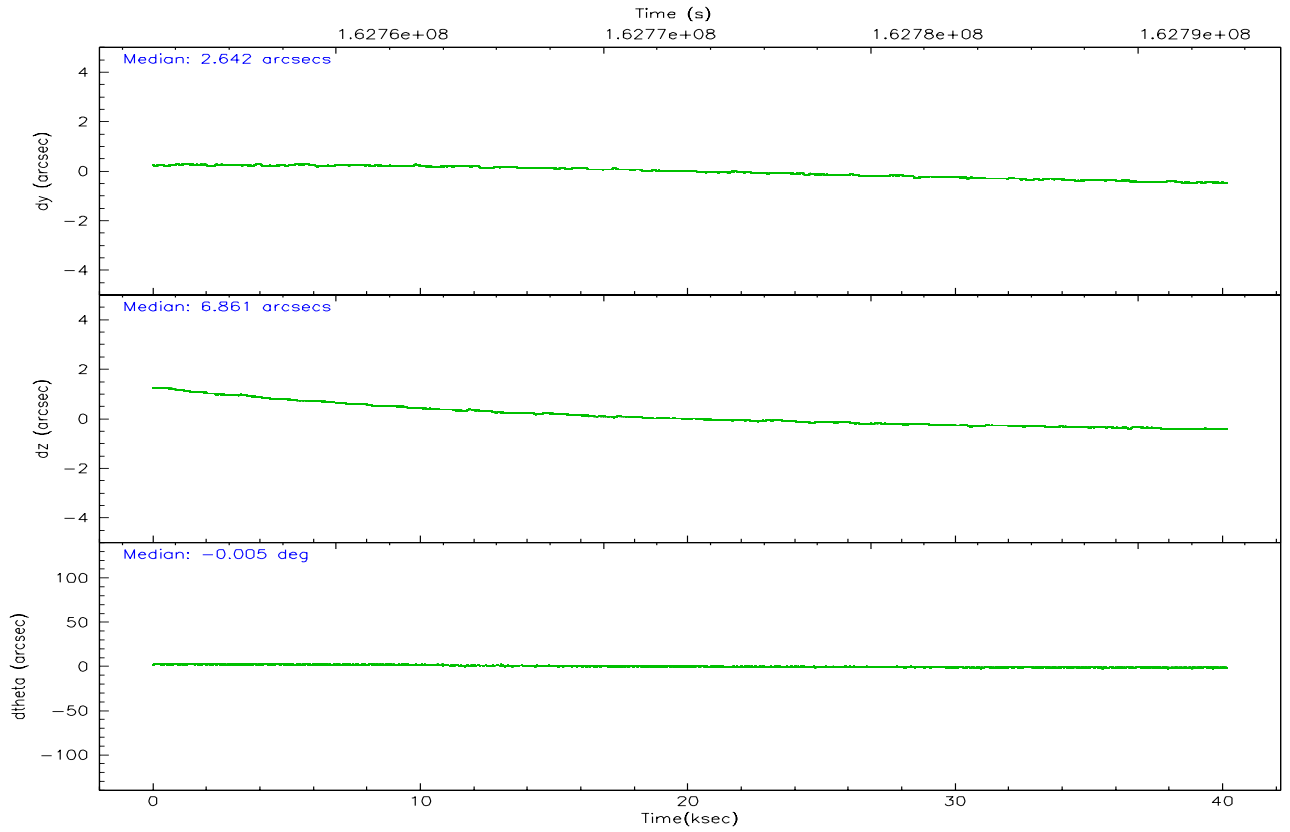
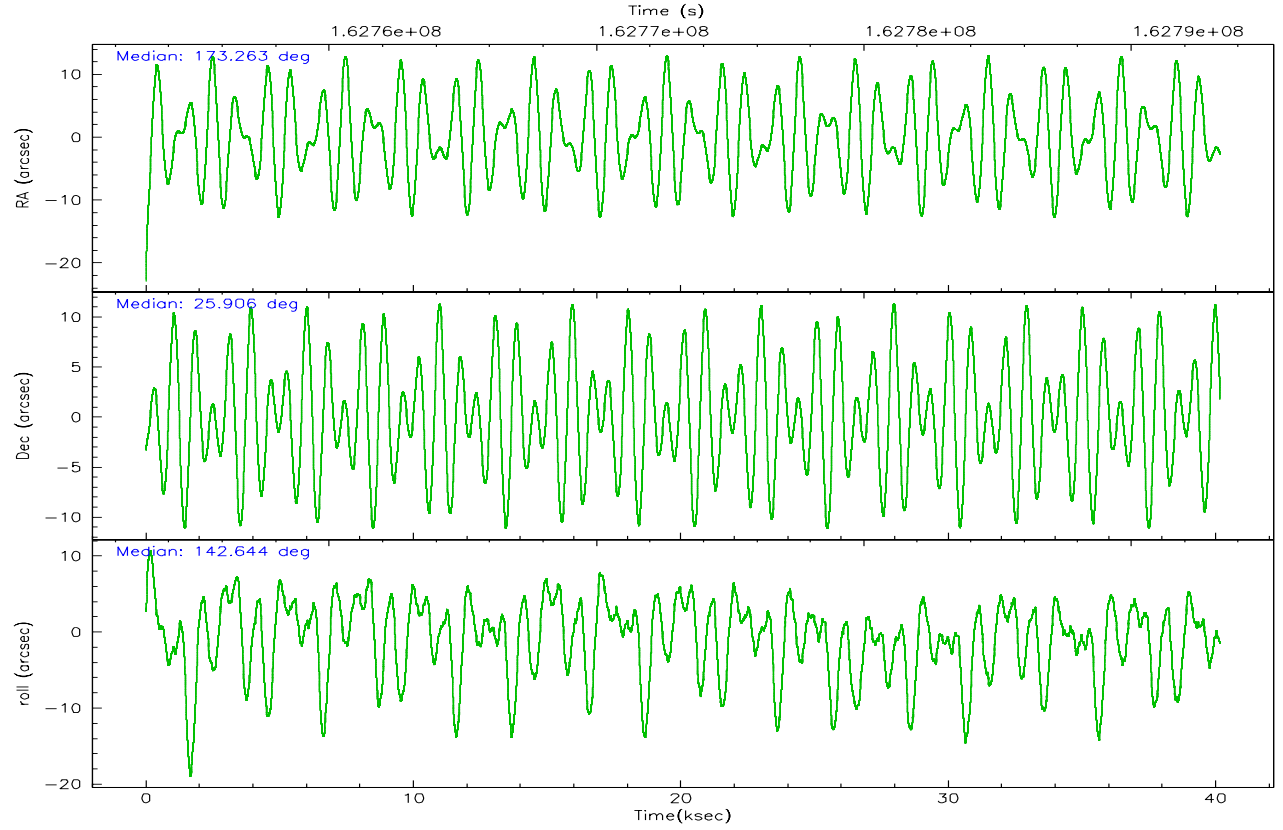
	ccd 7
grade 0 events	1719
	3%
grade 1 events	39
	0%
grade 2 events	4530
	9%
grade 3 events	2111
	4%
grade 4 events	2115
	4%
grade 5 events	3284
	7%
grade 6 events	10065
	21%
grade 7 events	22158
	48%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	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	1/8	1/8
Pointing RA	173.293229	173.263155227338	Subarray start row	0	449
Pointing Dec	25.902617	25.9057290437495	Subarray row count	1024	128
Pointing Roll	142.478306	142.6480734466112	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	0.4
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	162753329.184000	162751763.57632			
Observation start date	2003-02-27T17:14:25	2003-02-27T16:49:23			
Observation end time	162793329.184000	162794659.31562			
Observation end date	2003-02-28T04:21:05	2003-02-28T04:44:19			
Read mode	TIMED	TIMED			

2.3 Aspect



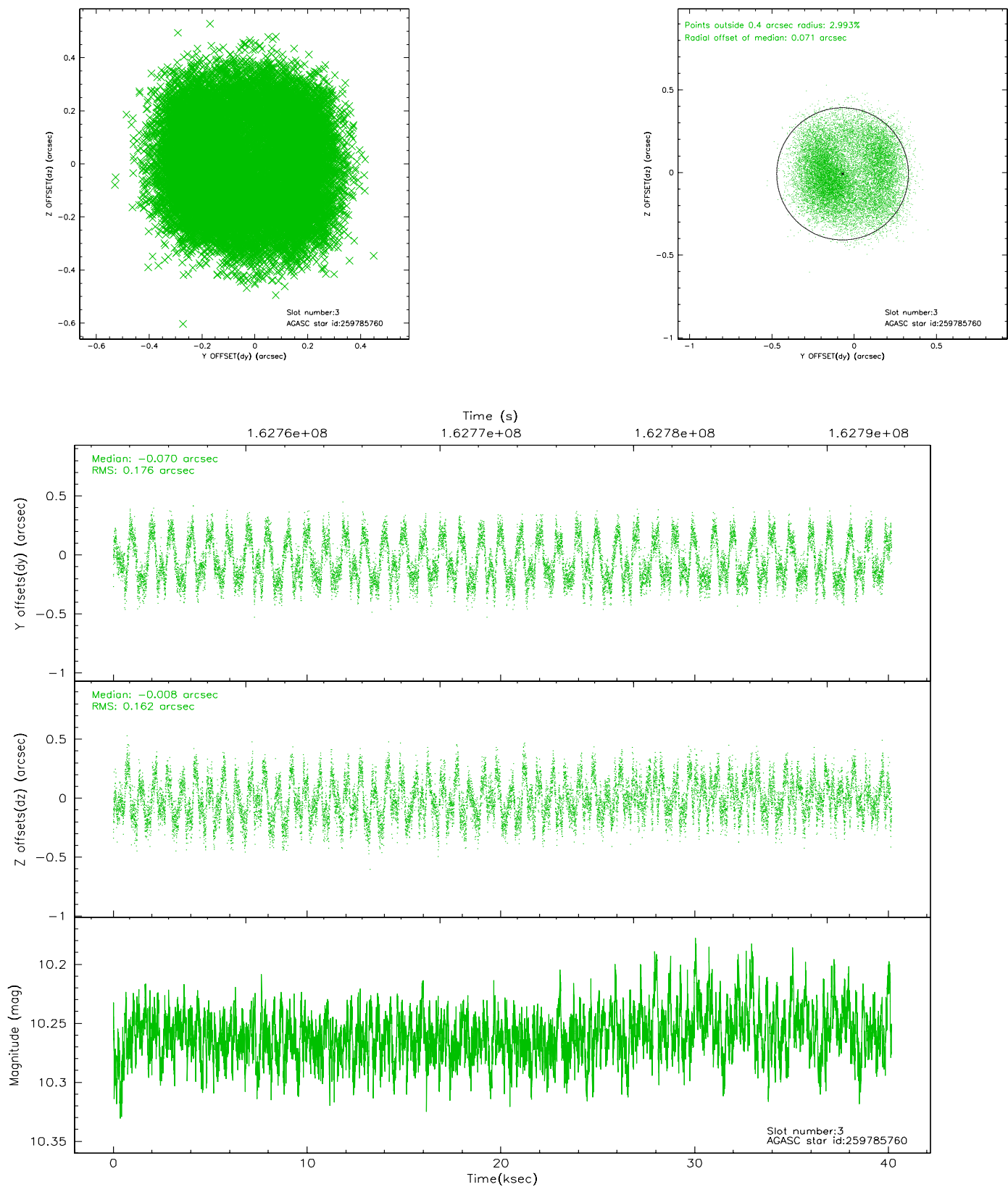


Slot Statistics

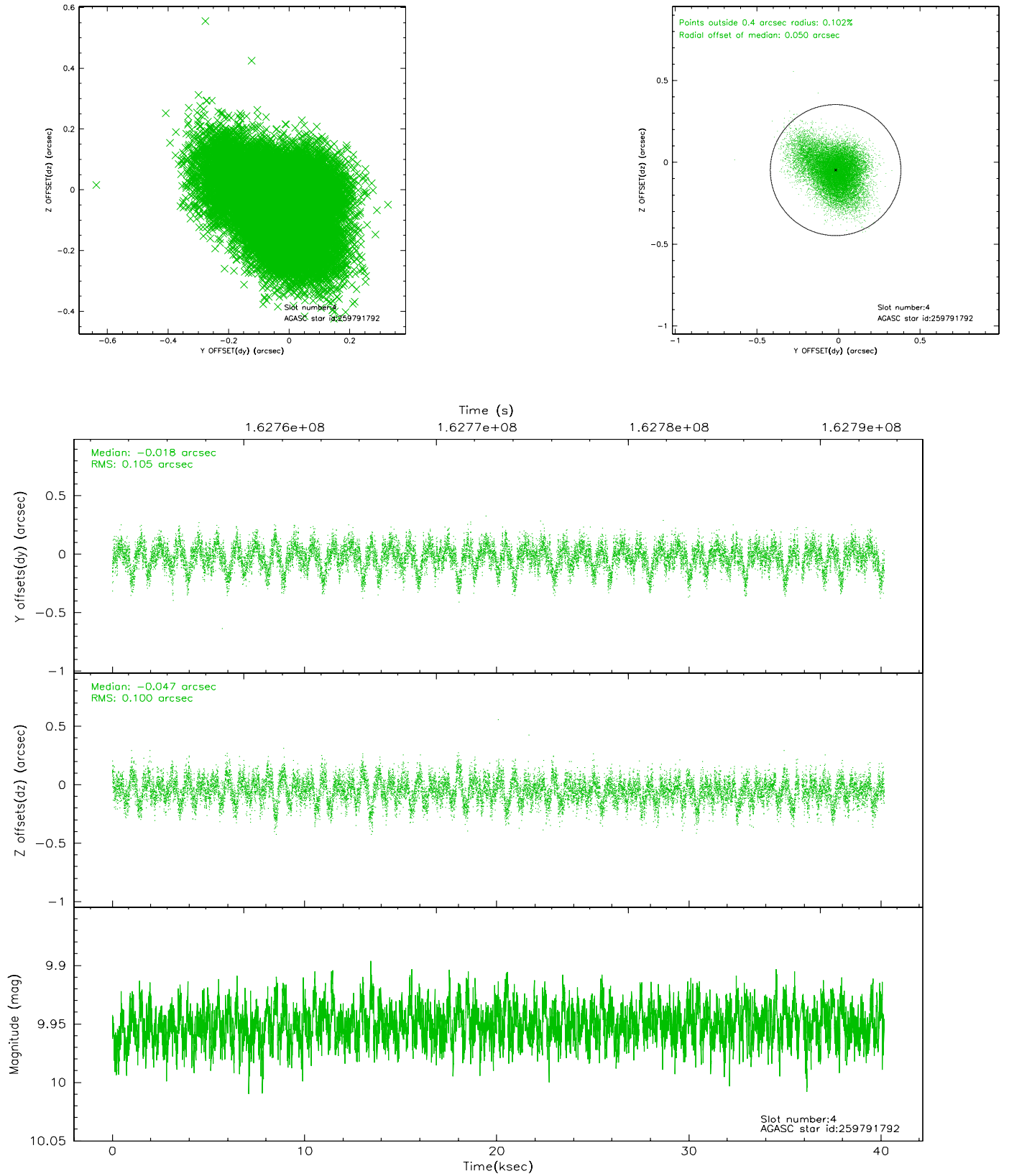
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	9799	-0.018	0.022	0.016	0.024	0.000000	0.000000	-755.24	-1728.14
1	FID	ACIS-S-4	7.21	9799	-0.047	0.003	0.008	0.012	0.000000	0.000000	2157.99	180.33
2	FID	ACIS-S-5	7.24	9799	0.033	-0.017	0.017	0.025	0.000000	0.000000	-1808.03	173.97
3	GUIDE	259785760	10.26	19579	-0.070	-0.008	0.268	0.378	173.736287	26.017152	-884.05	-1201.92
4	GUIDE	259791792	9.95	19513	-0.018	-0.047	0.152	0.258	173.082628	25.443164	-464.25	1728.44
5	GUIDE	259797712	9.26	19583	-0.023	0.012	0.091	0.141	174.116565	25.841194	-2245.09	-1455.94
6	GUIDE	259794680	9.19	19589	0.107	0.148	0.112	0.176	172.351209	25.874227	2364.52	1931.26
7	GUIDE	259790112	9.83	19583	-0.006	-0.104	0.132	0.210	173.000463	26.027865	1026.64	218.57

2.4 Star Slots

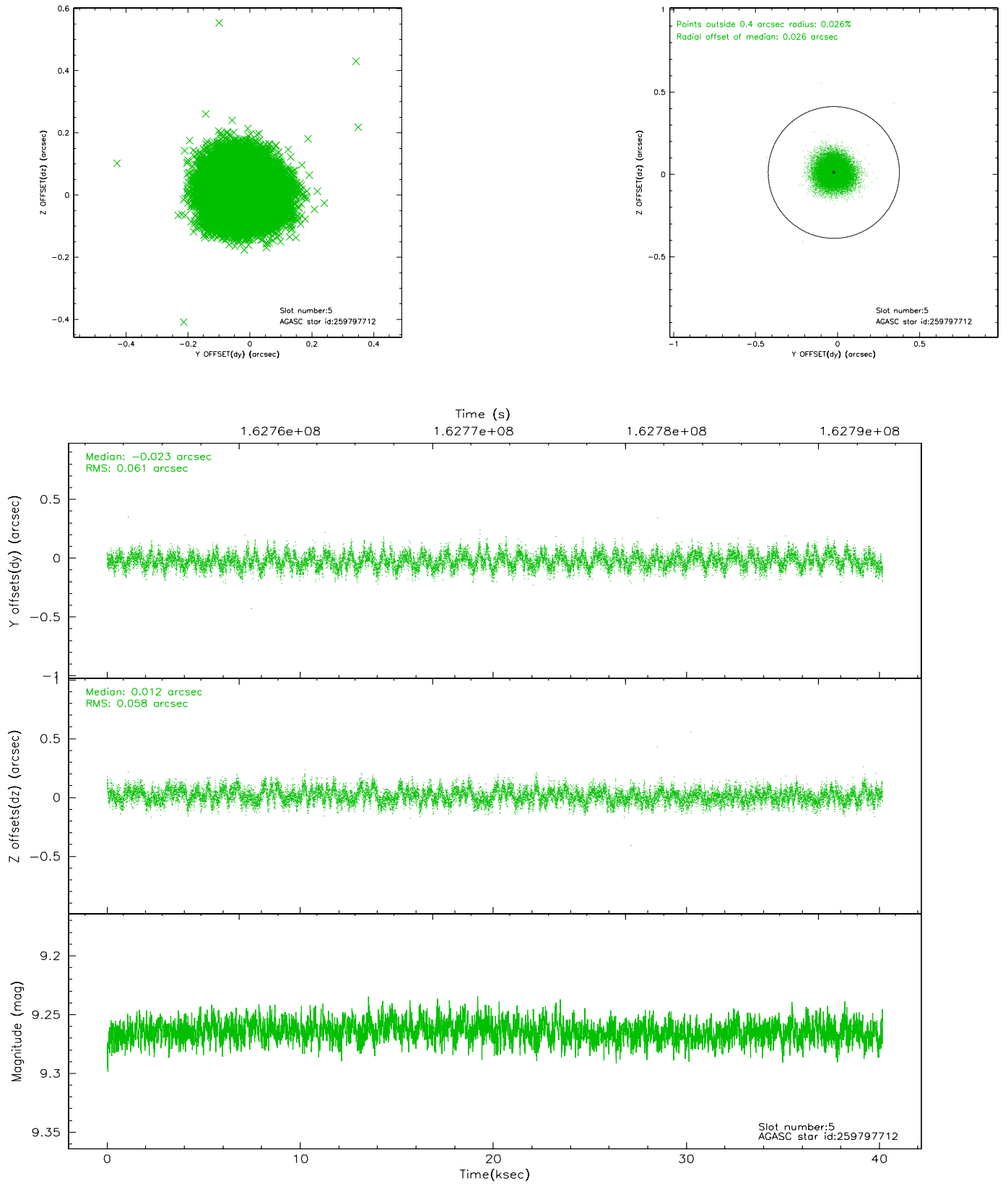
2.4.1 Slot 3



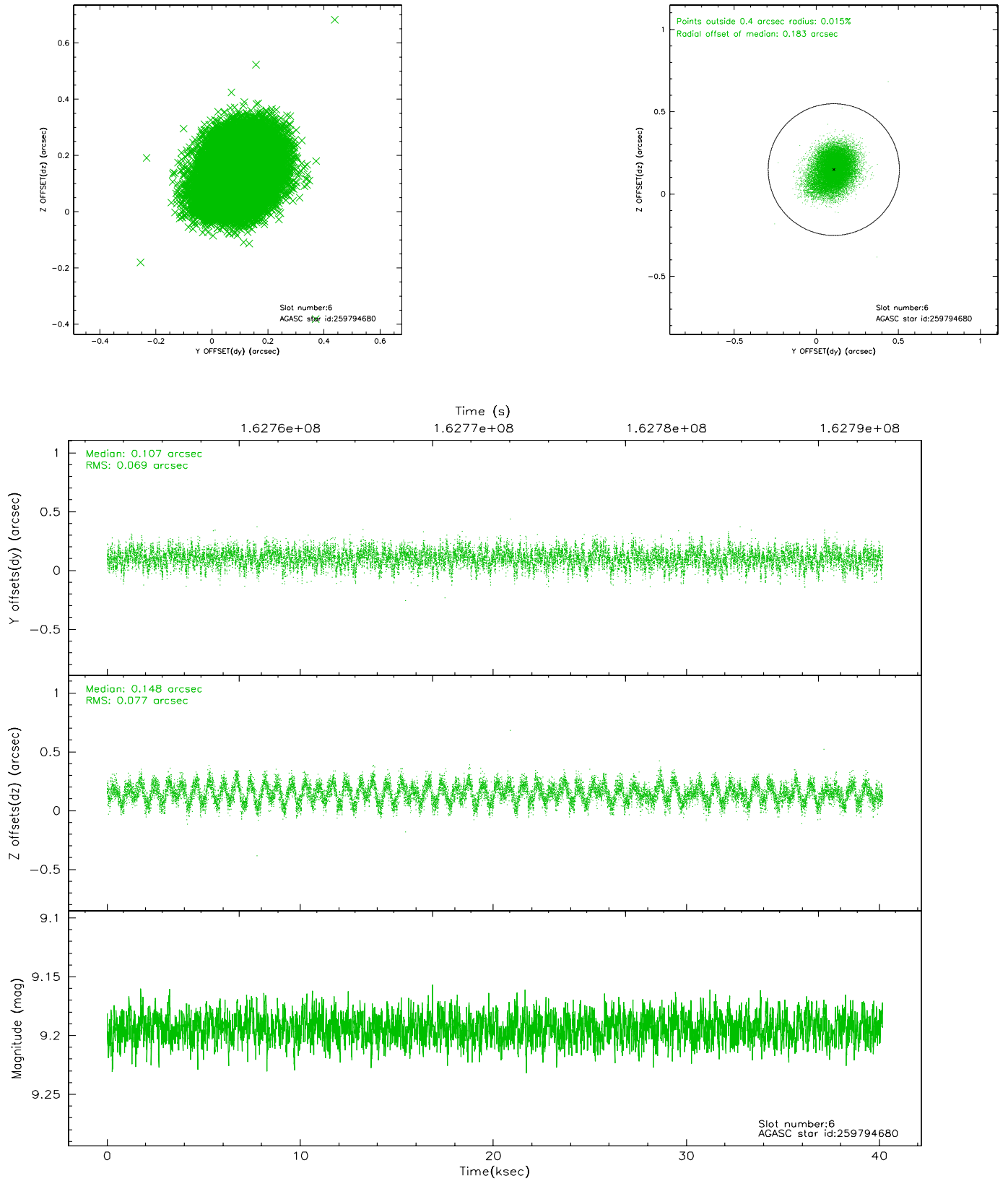
2.4.2 Slot 4



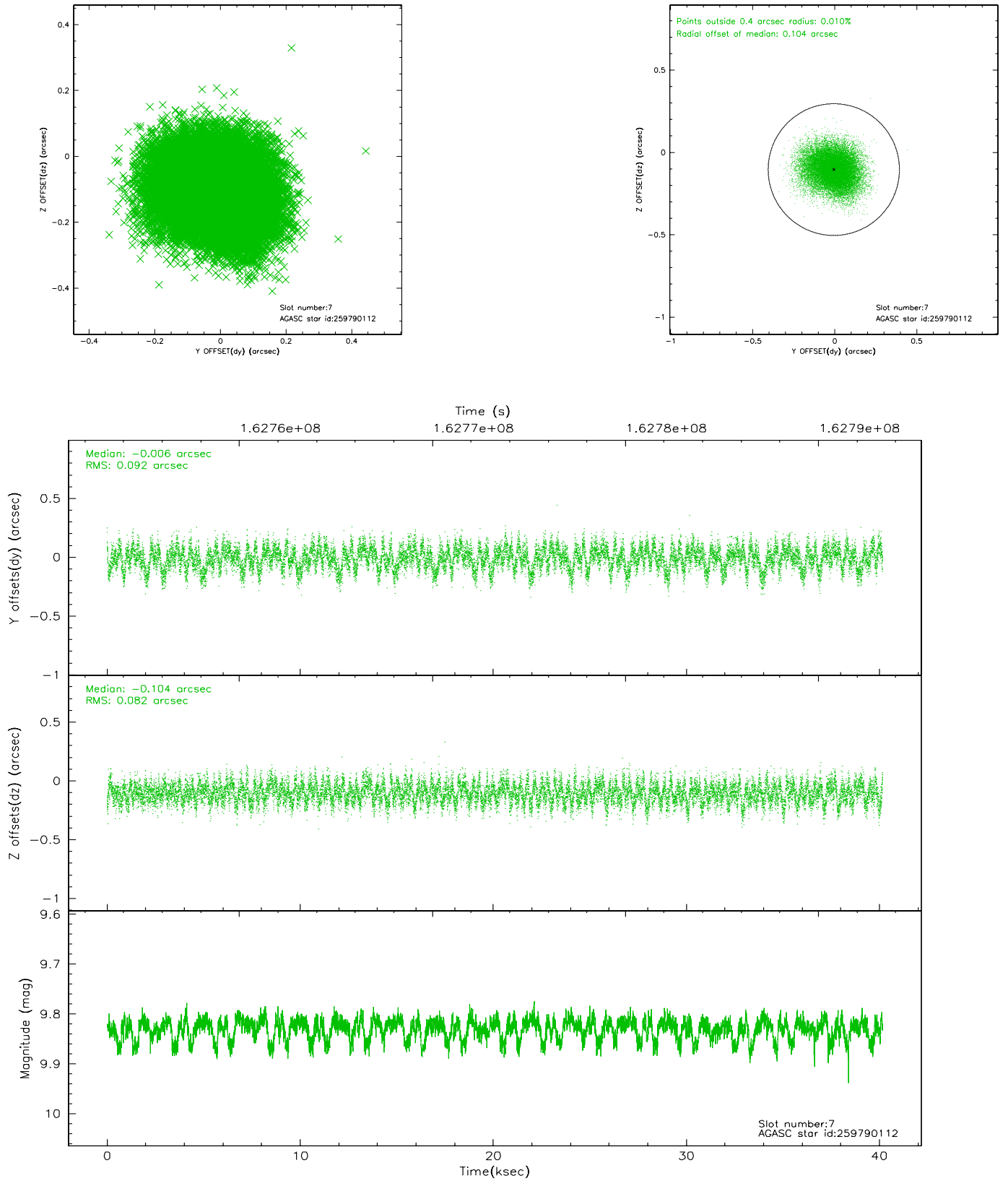
2.4.3 Slot 5



2.4.4 Slot 6

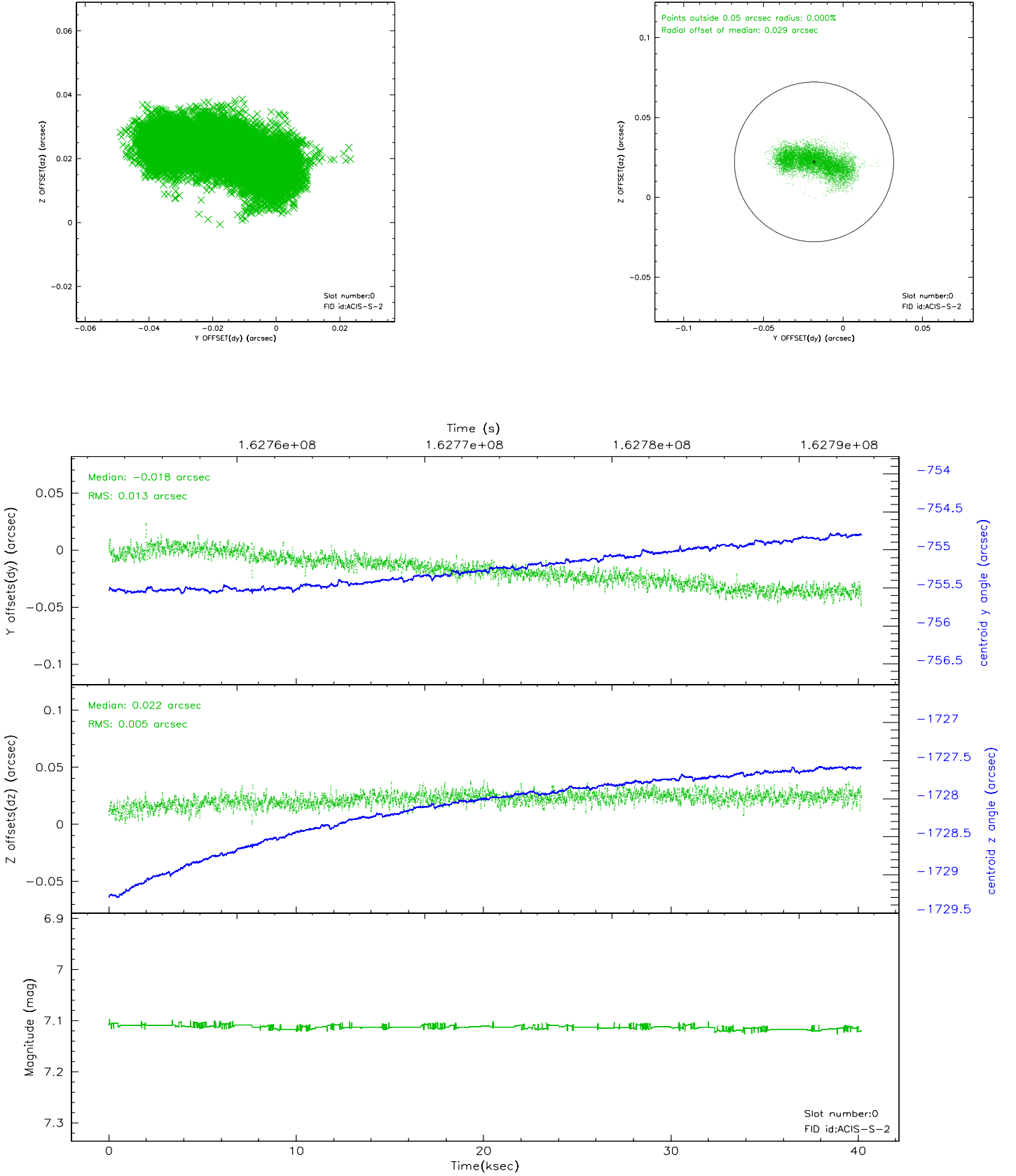


2.4.5 Slot 7

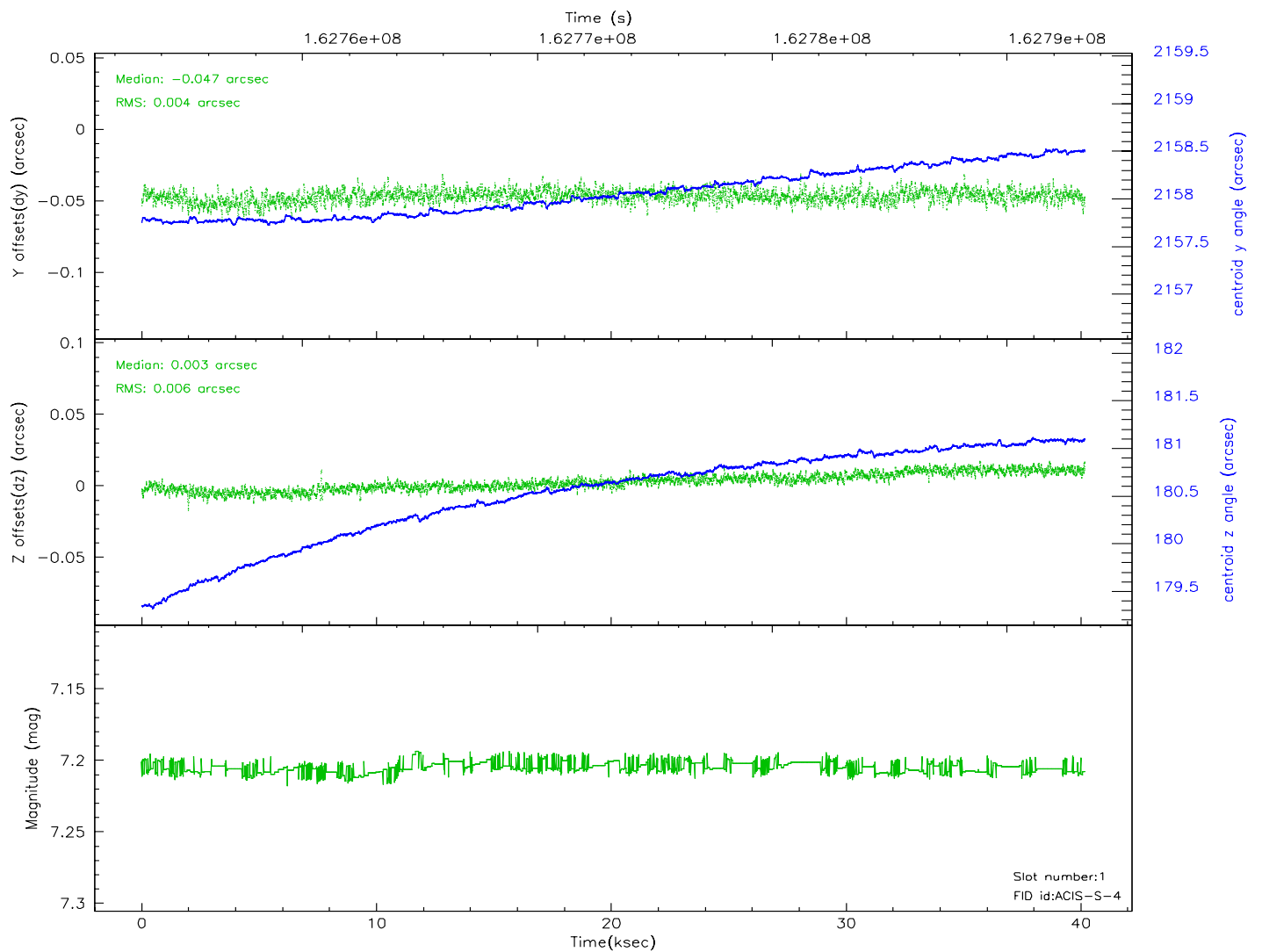
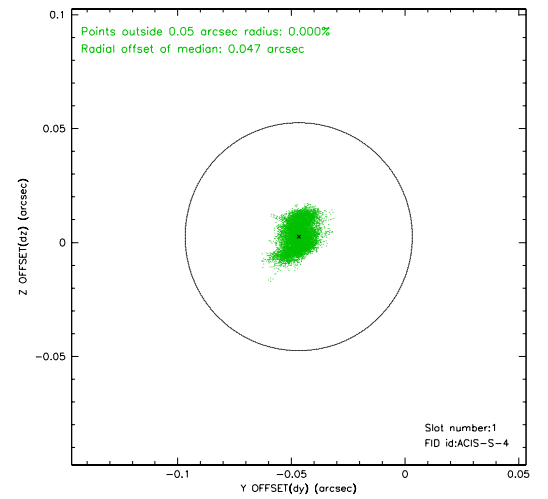
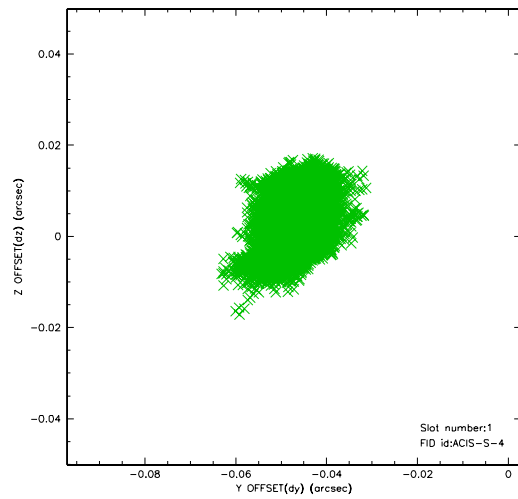


2.5 FID Slots

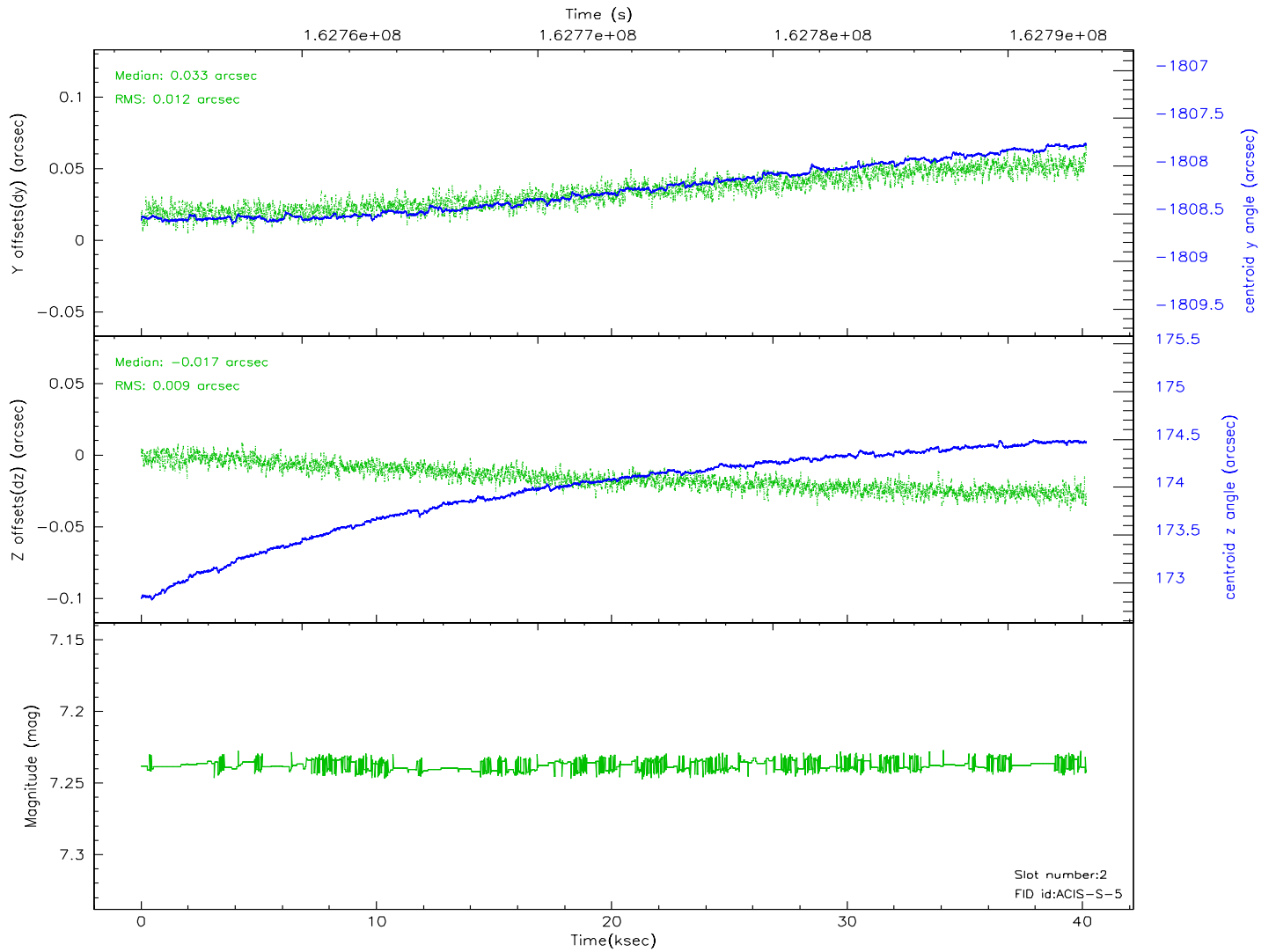
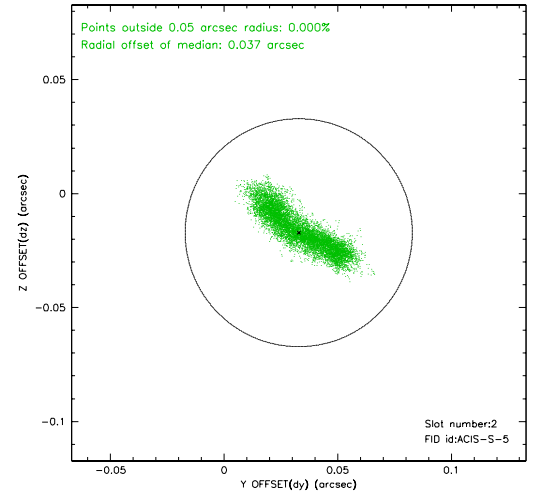
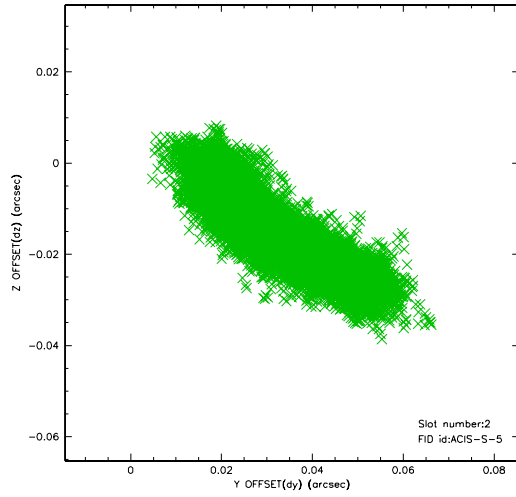
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

3.04 arcmin



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.172

A.2 Comments