

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4061 - L2 Version 001
Chandra X-Ray Center

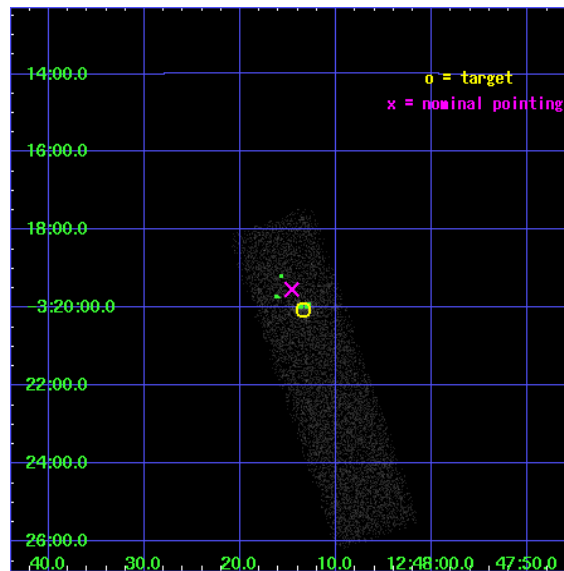
L2 Processing Date : Jul 24 2006

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1 Front

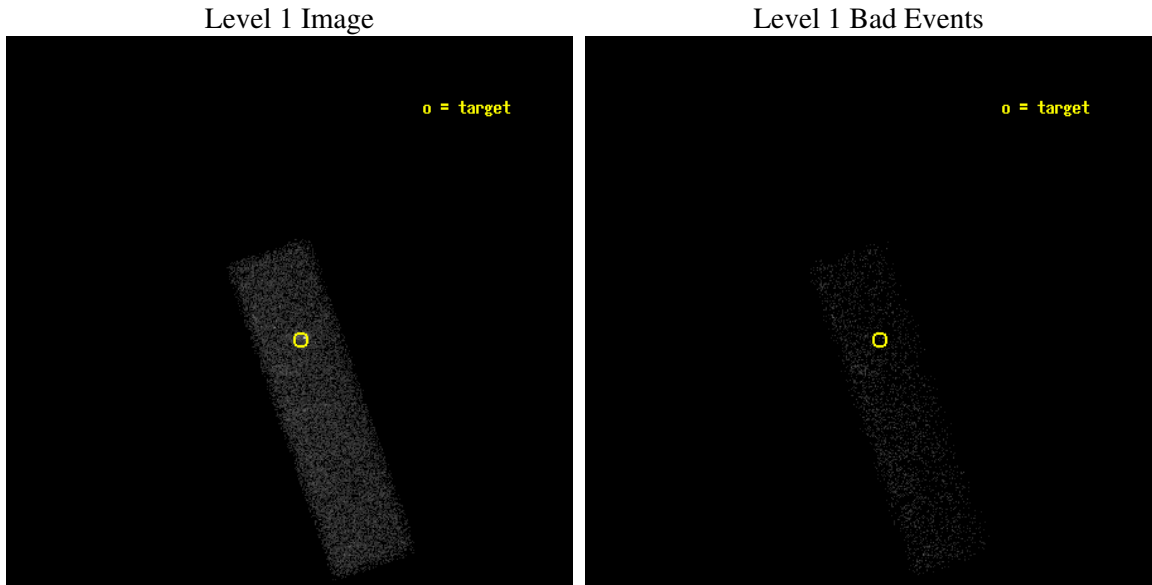
seq_num	700740
obs_id	4061
title	ELUSIVE ACTIVE GALACTIC NUCLEI IN STARBURST GALAXIES
observer	DR. ROBERTO MAIOLINO
object	NGC4691
dtcycle	0
cycle	P
ra_targ	192.05625
dec_targ	-3.333889
ra_nom	192.06097562109
dec_nom	-3.3255157316938
roll_nom	70.791802500506
revision	3
ontime	10785.600160718
livetime	10259.298164861
ontime7	10785.600160718
l2events	11353



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	2006-07-24T03:04:54
revision	3

sched_exp_time	10100.000000
ontime	10930.886060029
ontime7	10930.886060029
l1events	25544

2.1.4 Events

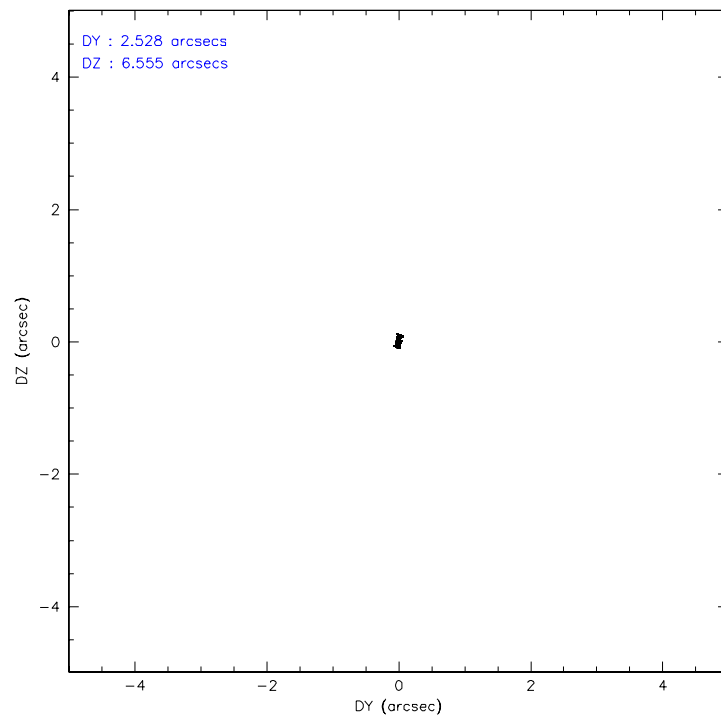
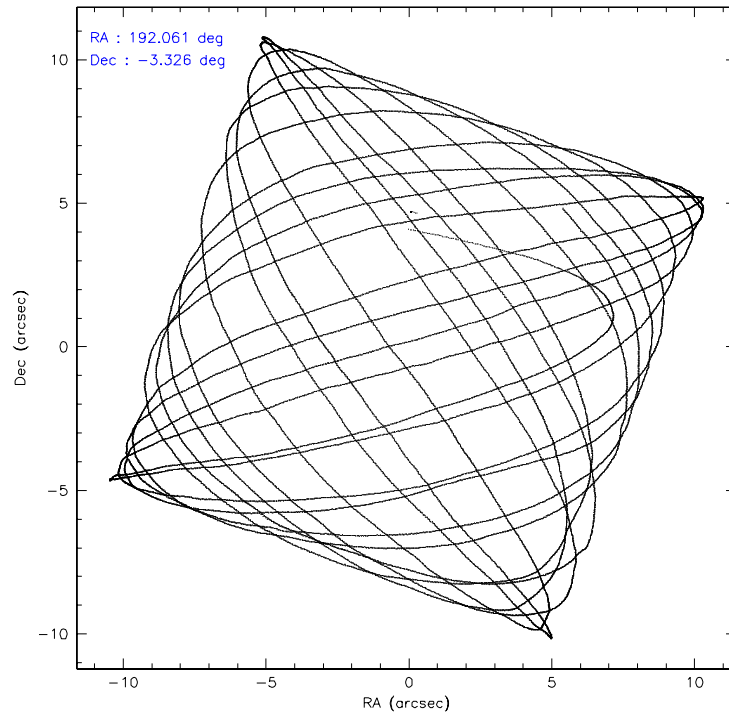
	ccd 7
level 1 events	25544
rejected events	13833
rejected %	54%

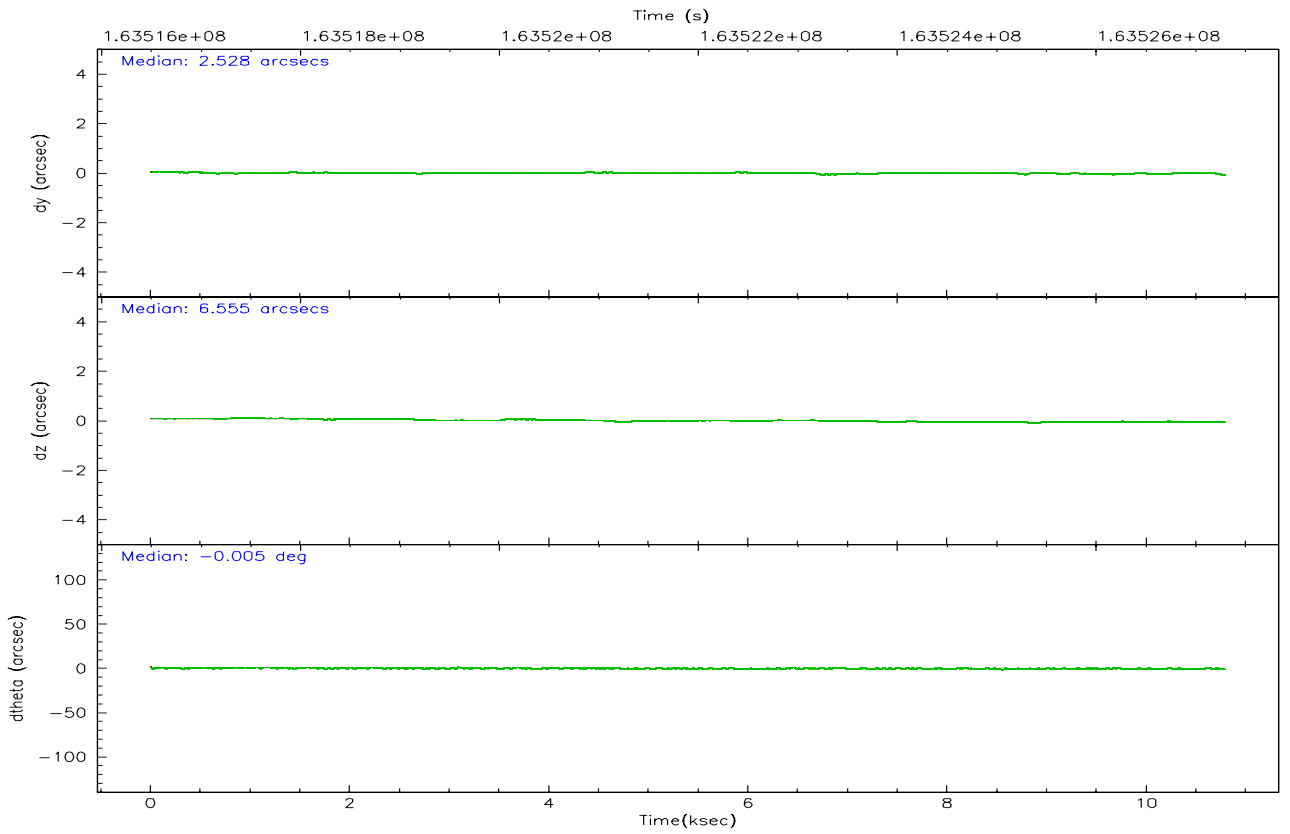
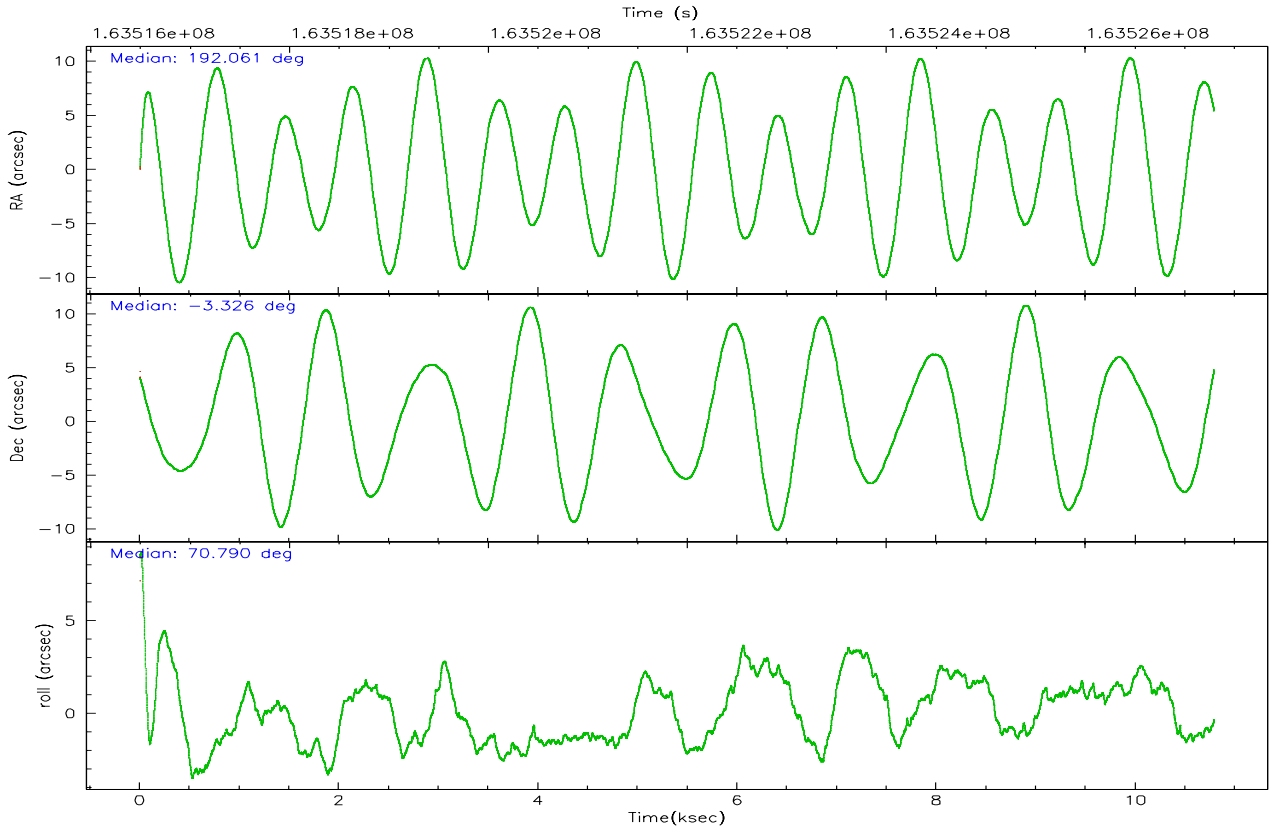
	ccd 7
grade 0 events	1262
	4%
grade 1 events	17
	0%
grade 2 events	2894
	11%
grade 3 events	1037
	4%
grade 4 events	986
	3%
grade 5 events	1669
	6%
grade 6 events	5701
	22%
grade 7 events	11978
	46%

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	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	1/4	1/4
Pointing RA	192.066460	192.0609756210922	Subarray start row	0	385
Pointing Dec	-3.352137	-3.325515731693837	Subarray row count	1024	256
Pointing Roll	70.635478	70.79180250050607	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	0.8
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	163517189.184000	163515978.49595			
Observation start date	2003-03-08T13:25:25	2003-03-08T13:06:18			
Observation end time	163527289.184000	163528286.18397			
Observation end date	2003-03-08T16:13:45	2003-03-08T16:31:26			
Read mode	TIMED	TIMED			

2.3 Aspect



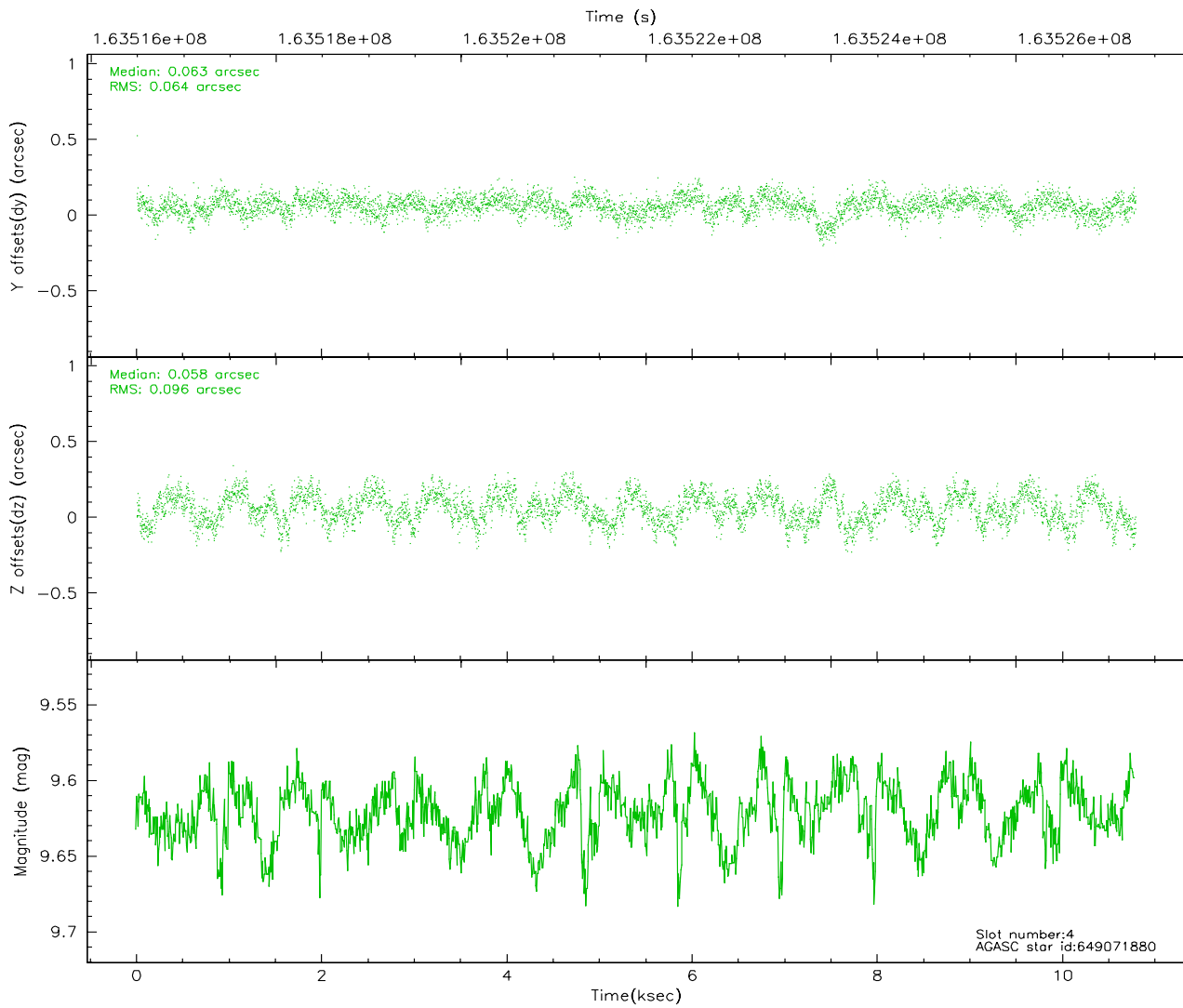
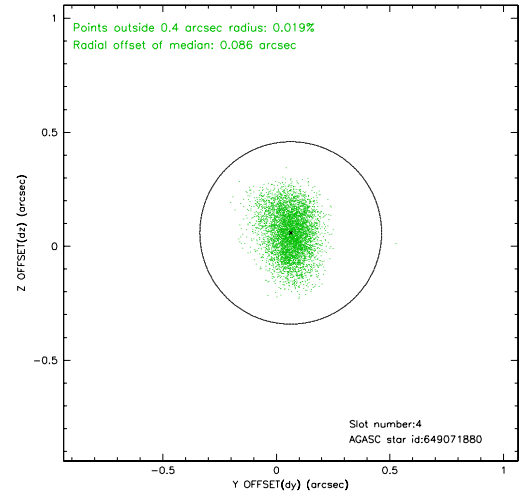
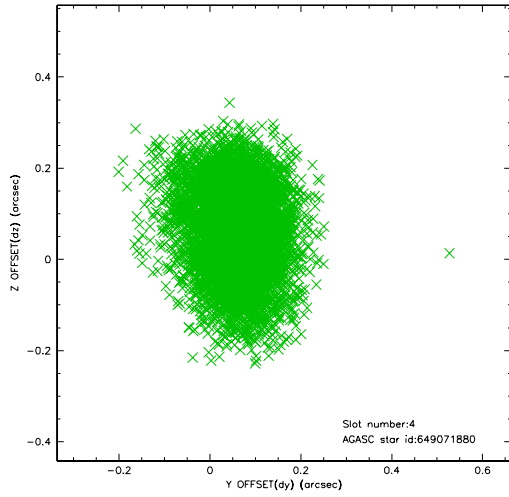


Slot Statistics

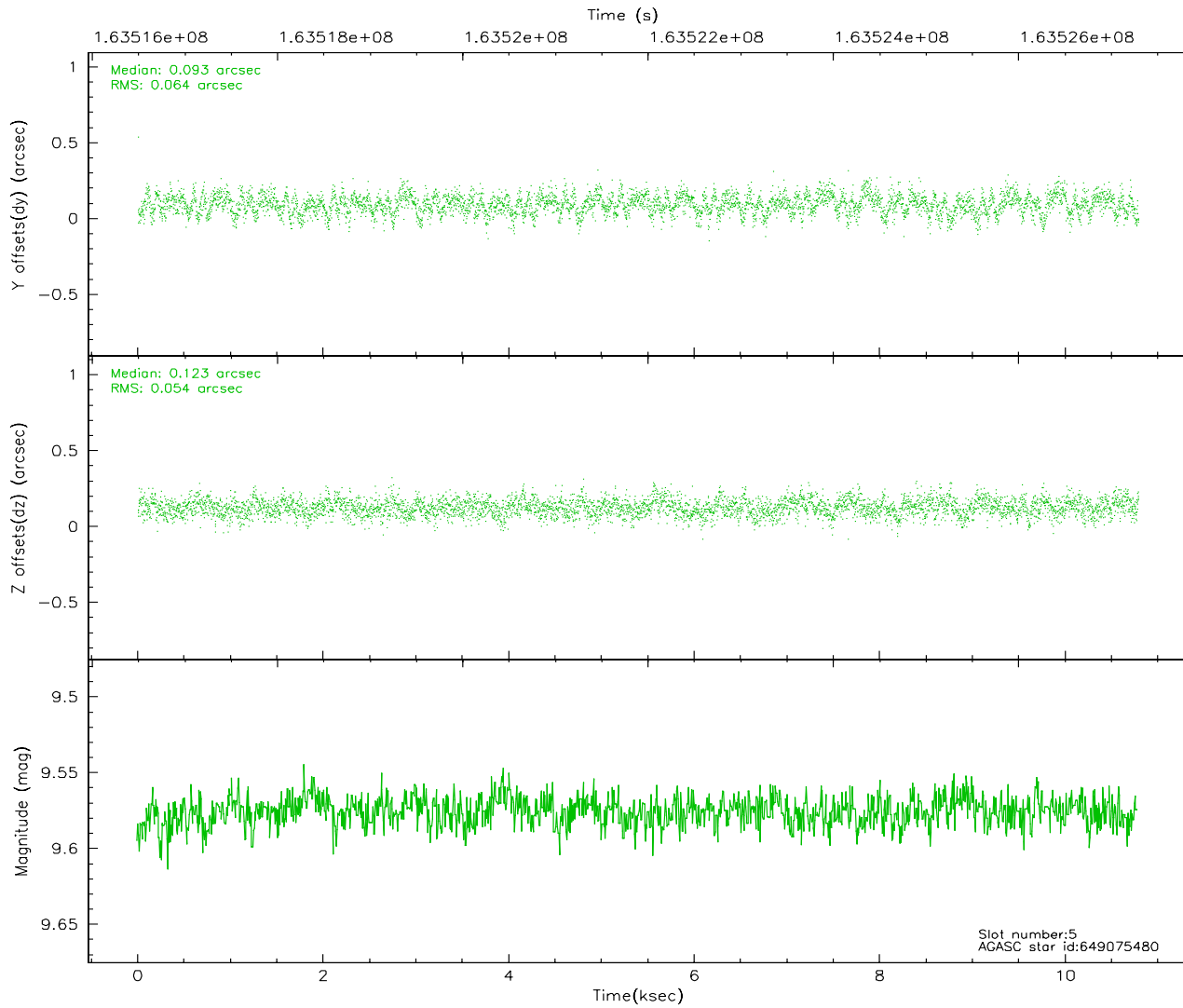
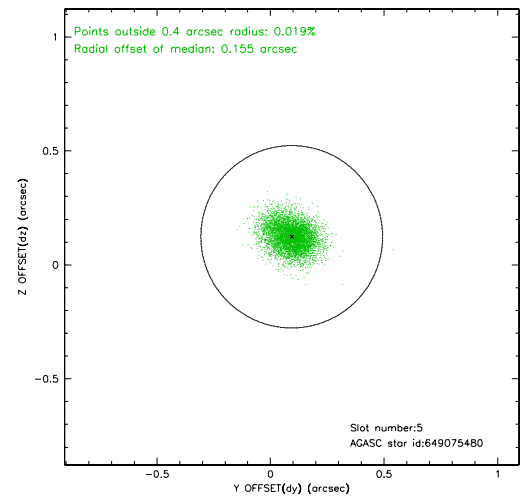
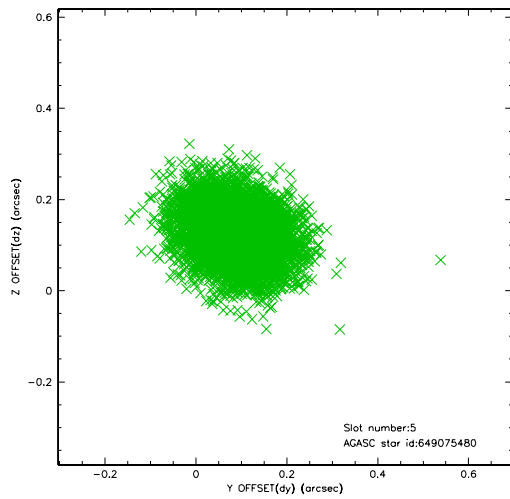
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	2632	-0.034	0.020	0.006	0.010	0.000000	0.000000	-755.16	-1727.66
1	FID	ACIS-S-4	7.20	2632	-0.040	0.011	0.005	0.009	0.000000	0.000000	2157.86	180.37
2	FID	ACIS-S-5	7.24	2631	0.043	-0.023	0.006	0.009	0.000000	0.000000	-1807.34	174.48
3	OMITTED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
4	GUIDE	649071880	9.62	5249	0.063	0.058	0.124	0.200	192.292373	-3.699376	-909.74	-1179.92
5	GUIDE	649075480	9.58	5258	0.093	0.123	0.089	0.147	192.204913	-3.977661	-1959.23	-1215.73
6	GUIDE	649069248	9.63	5261	-0.100	-0.215	0.122	0.200	191.477558	-3.033409	379.66	2377.39
7	GUIDE	649199672	9.41	5255	-0.058	0.031	0.106	0.175	192.825982	-2.900109	2440.41	-2036.32

2.4 Star Slots

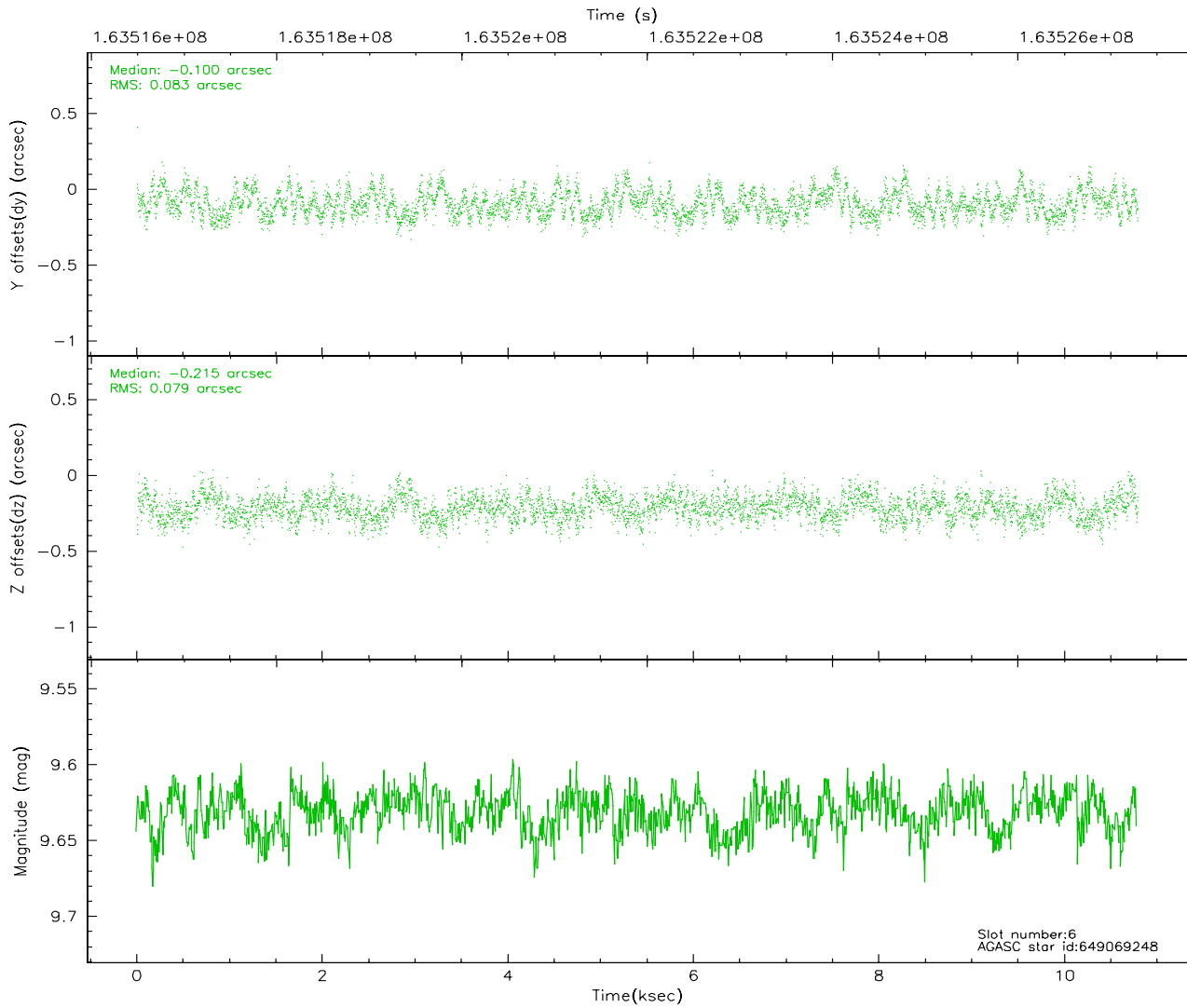
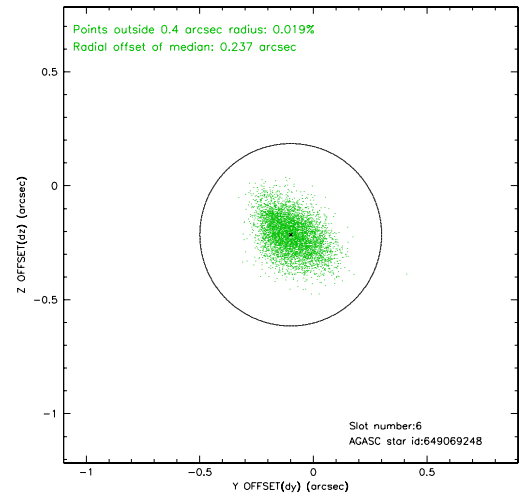
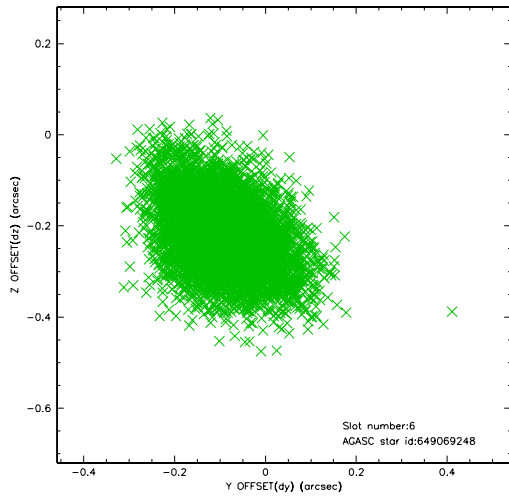
2.4.1 Slot 4



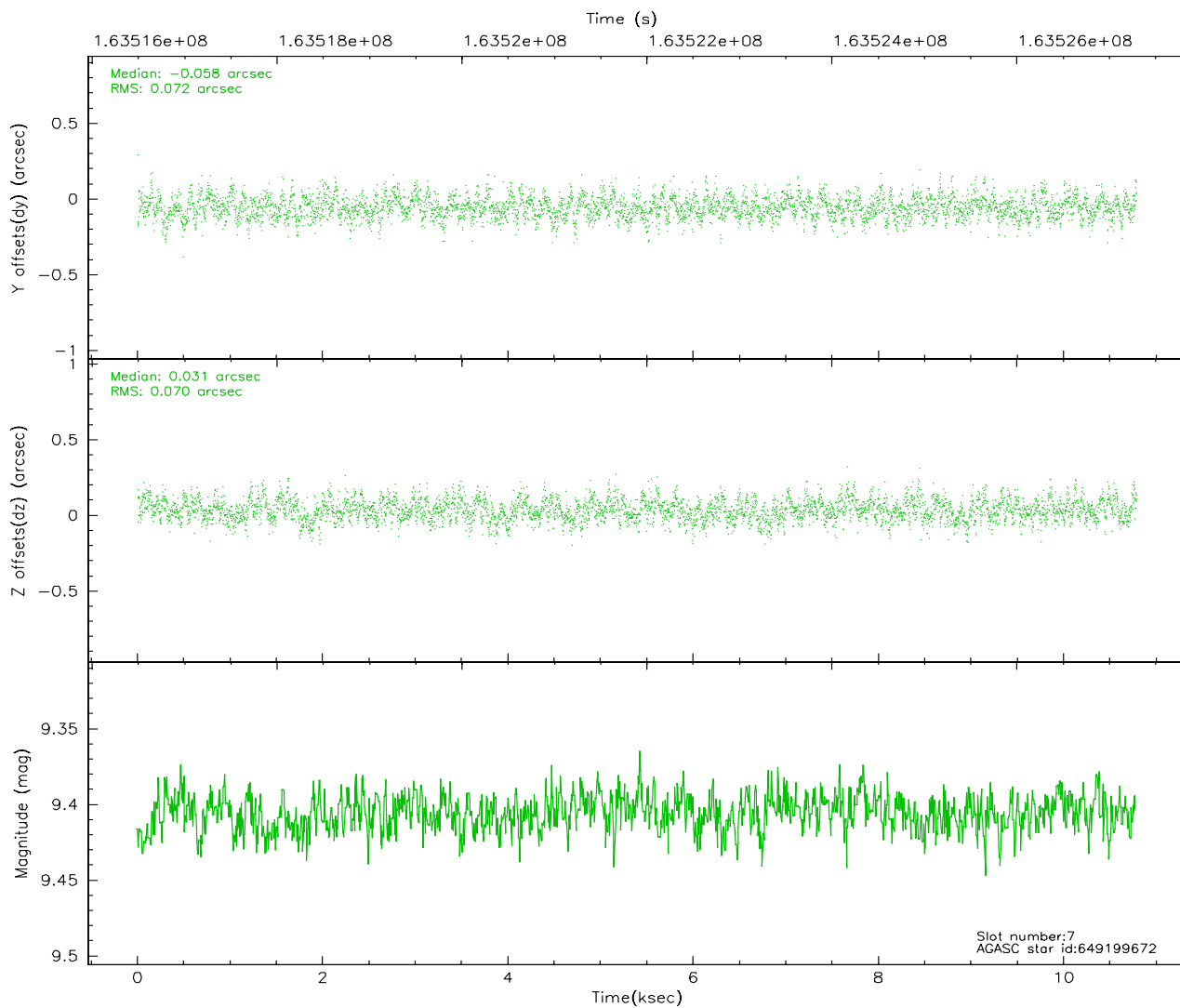
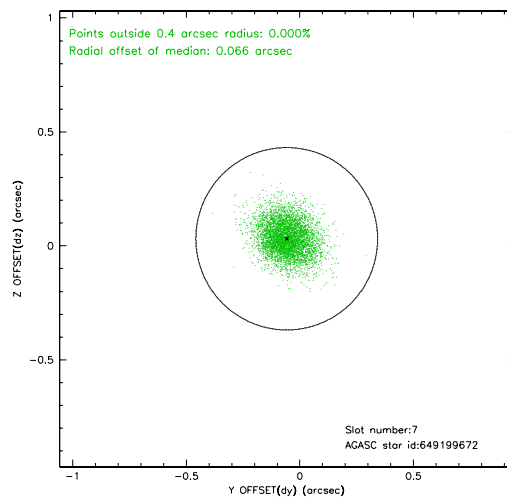
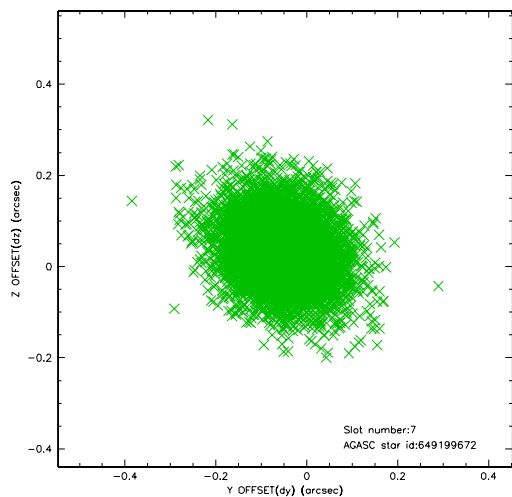
2.4.2 Slot 5



2.4.3 Slot 6

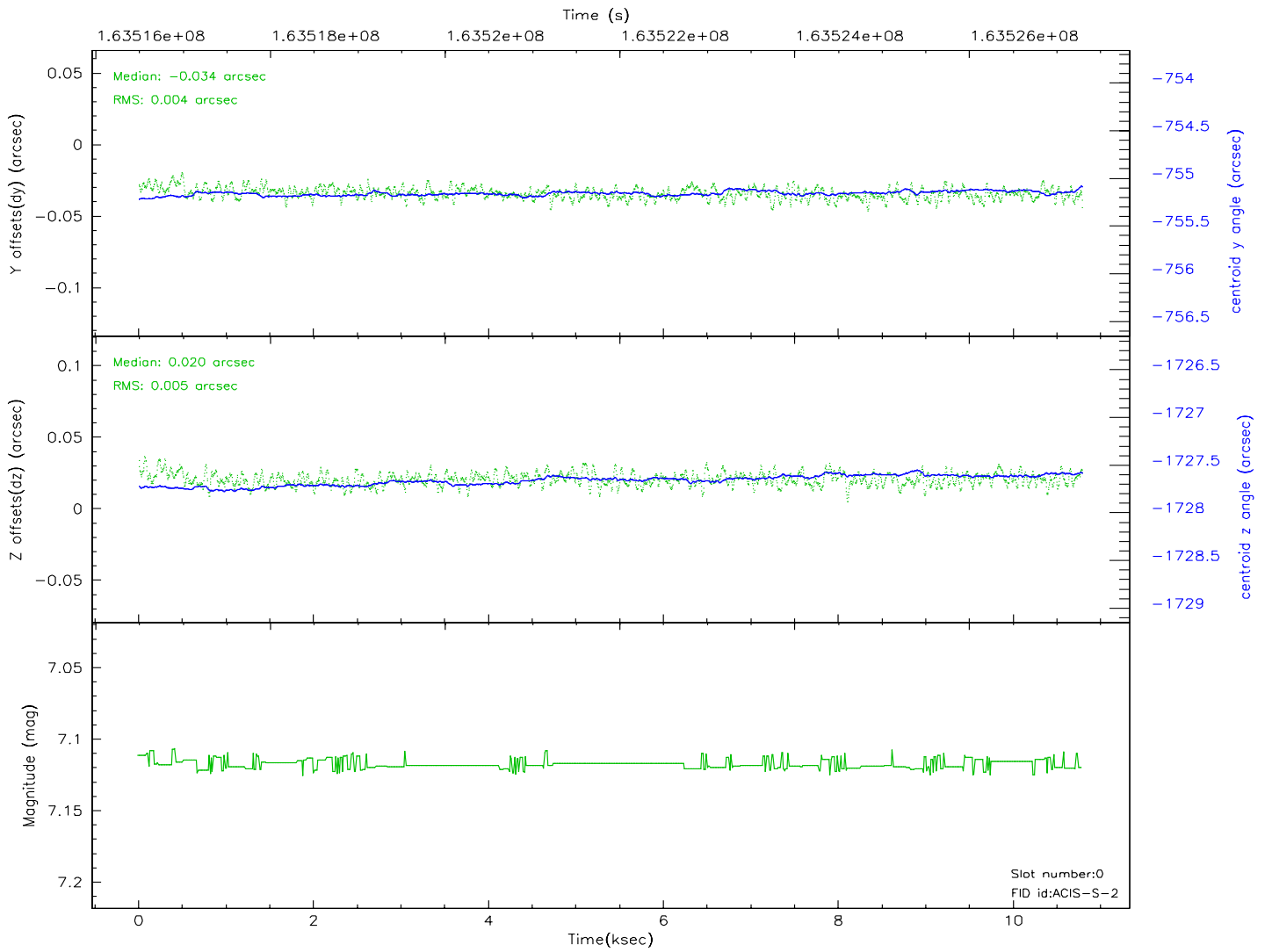
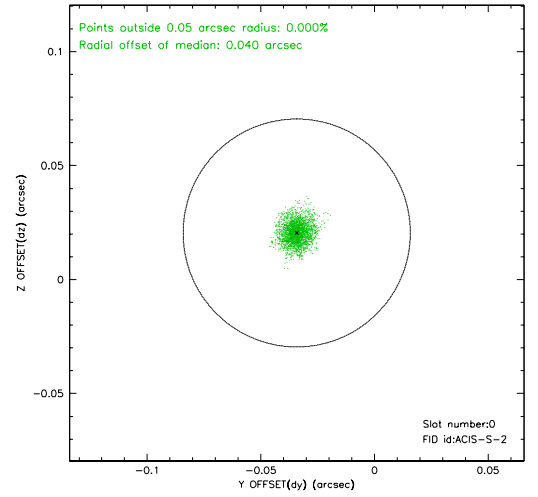
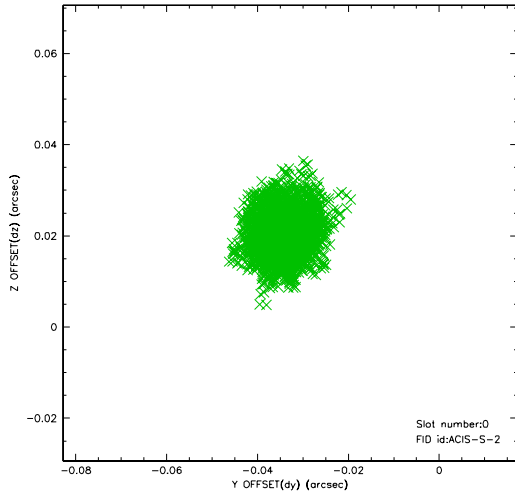


2.4.4 Slot 7

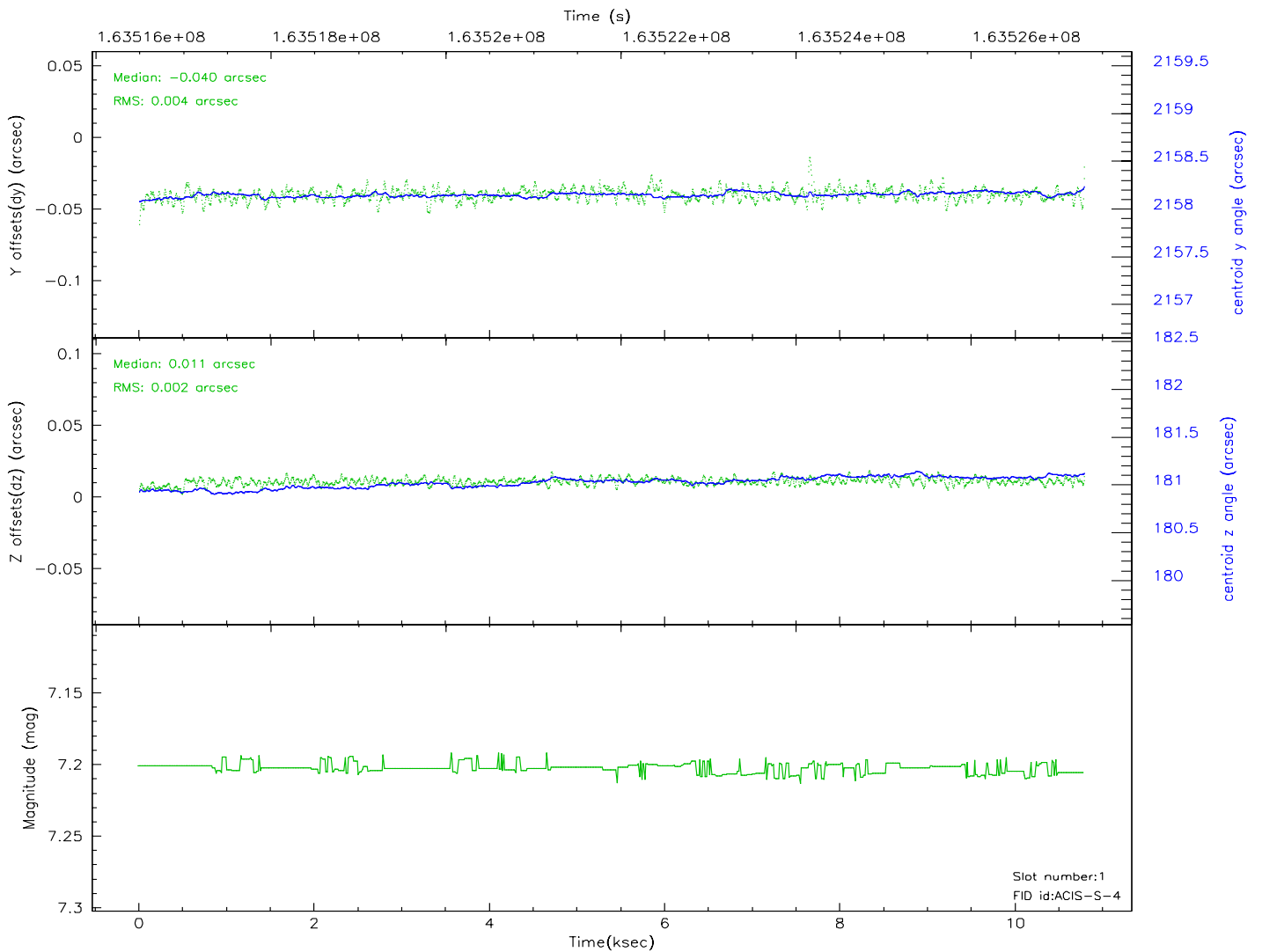
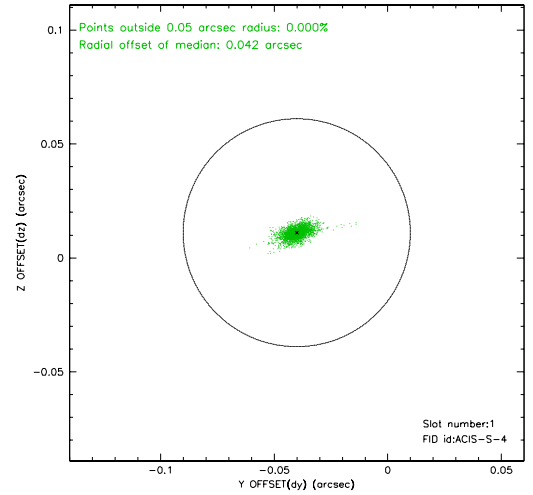
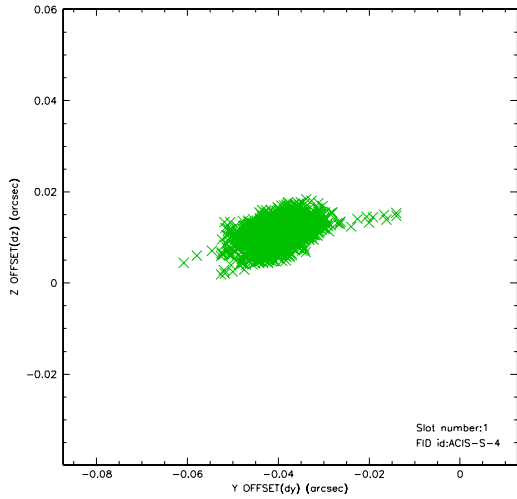


2.5 FID Slots

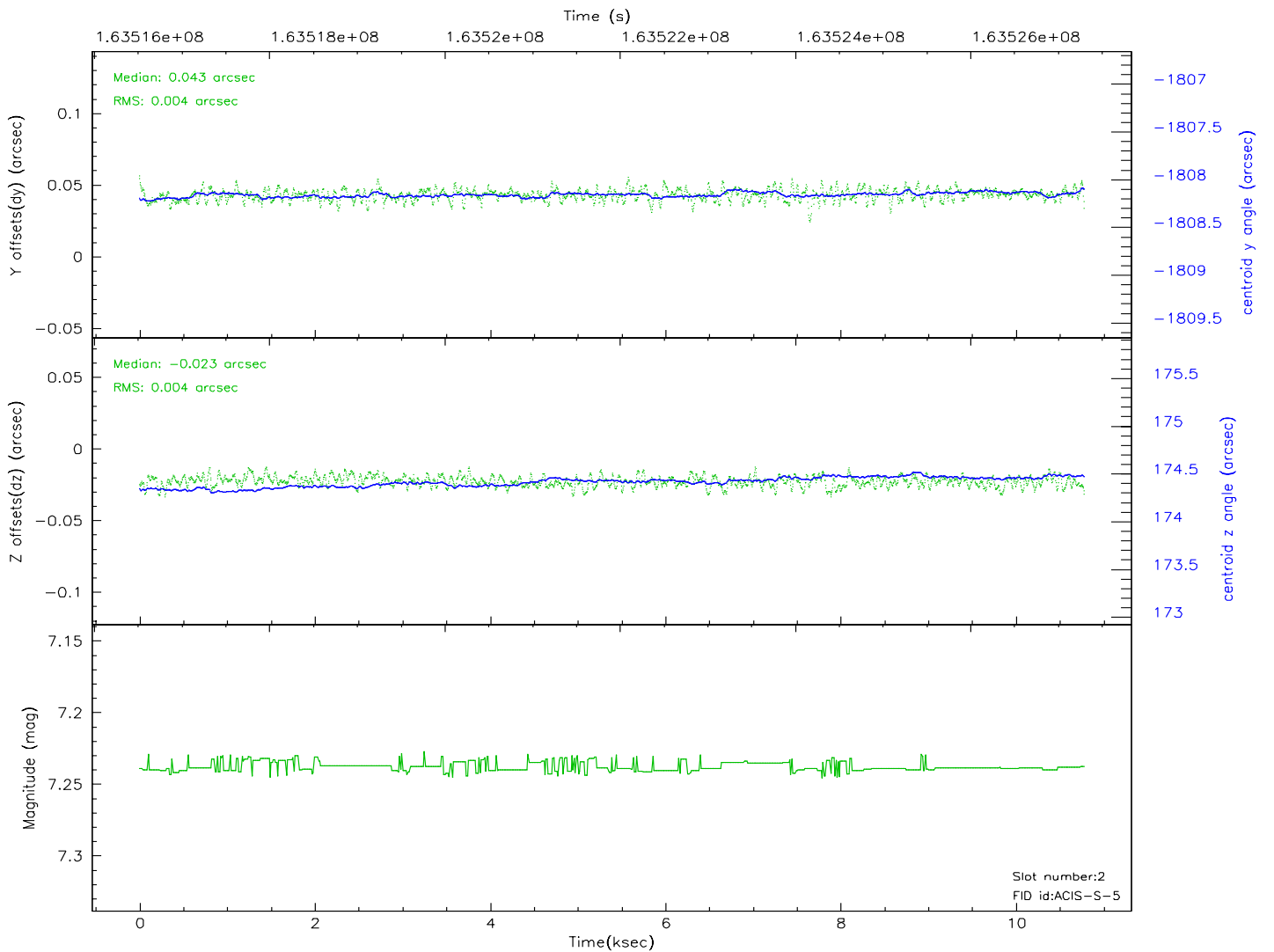
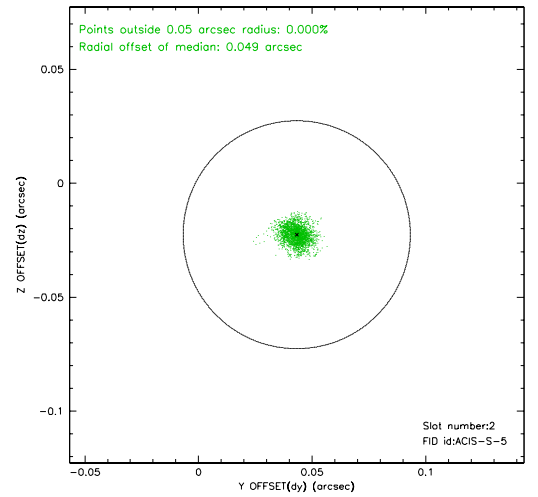
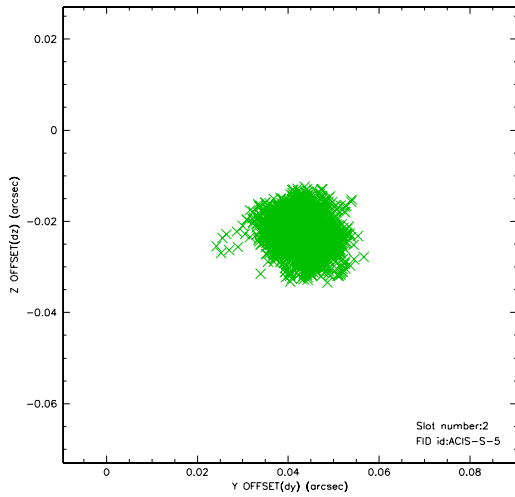
2.5.1 Slot 0



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)	2010.10.01
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	10.785

A.2 Comments

The guide star in slot 3 was manually excluded from the processing due to poor data quality.