

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7881 - L2 Version 2
Chandra X-Ray Center

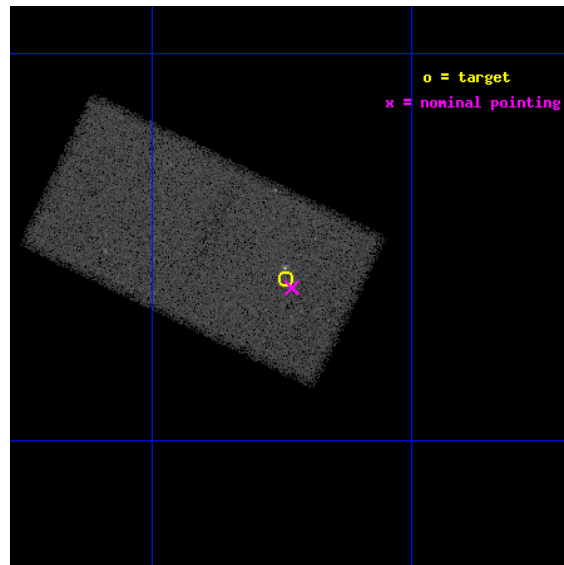
L2 Processing Date : Apr 30 2012

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1 Front

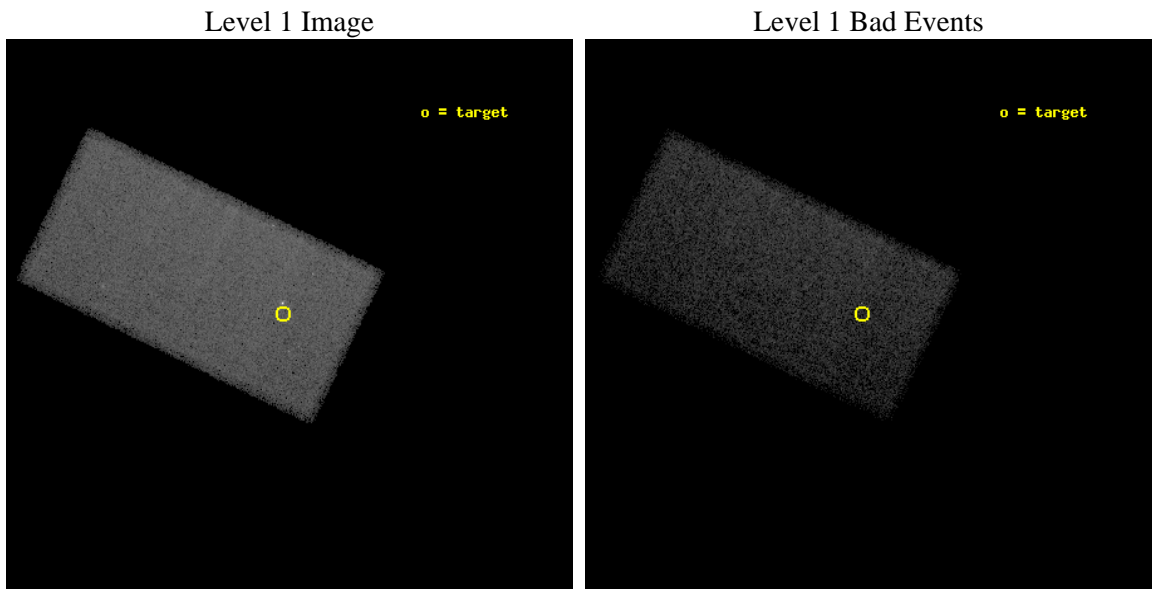
seq_num	701544	Sequence number
obs_id	7881	Observation id
title	A Chandra survey of hybrid morphology radio sources	Proposal title
observer	Brendan Miller	Principal investigator
object	3C 433	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	320.935417	Observer's specified target RA [deg]
dec_targ	25.069944	Observer's specified target Dec [deg]
ra_nom	320.93253473098	Nominal RA [deg]
dec_nom	25.065852495384	Nominal Dec [deg]
roll_nom	205.79713227715	Nominal Roll [deg]
revision	2	Processing version of data
ontime	38188.5	Sum of GTIs [s]
livetime	37171.488085968	Livetime [s]
ontime7	38188.5	Sum of GTIs [s]
l2events	109775	Number of level 2 events



2 OBI

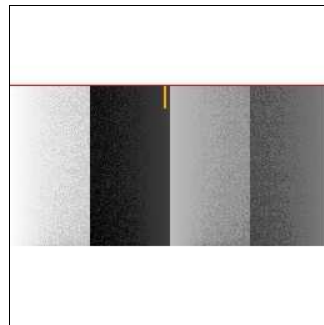
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	38000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	38188.5	Sum of GTIs [s]
caldbver	4.4.9	 	ontime7	38188.5	Sum of GTIs [s]
date	2012-04-30T03:14:55	Date and time of file creation	l1events	257997	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

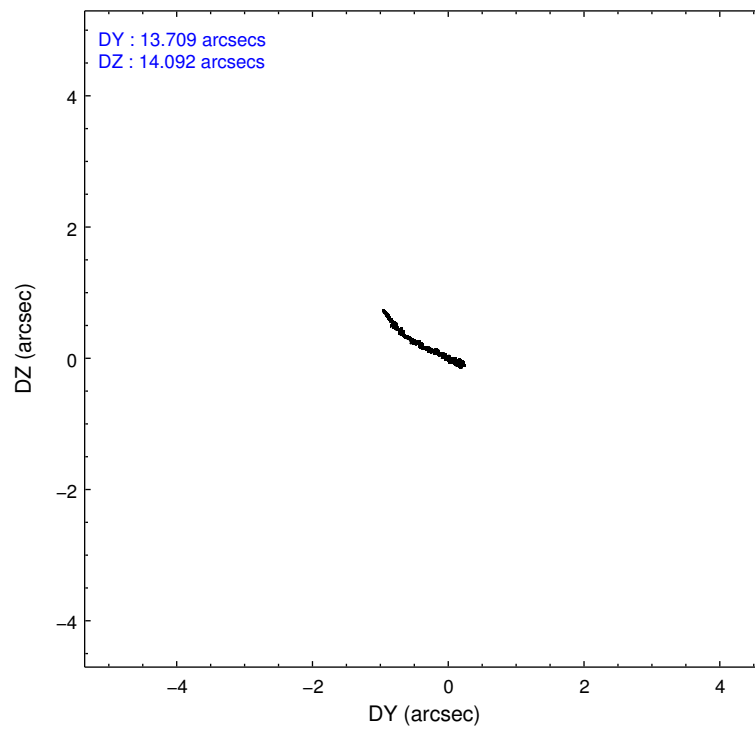
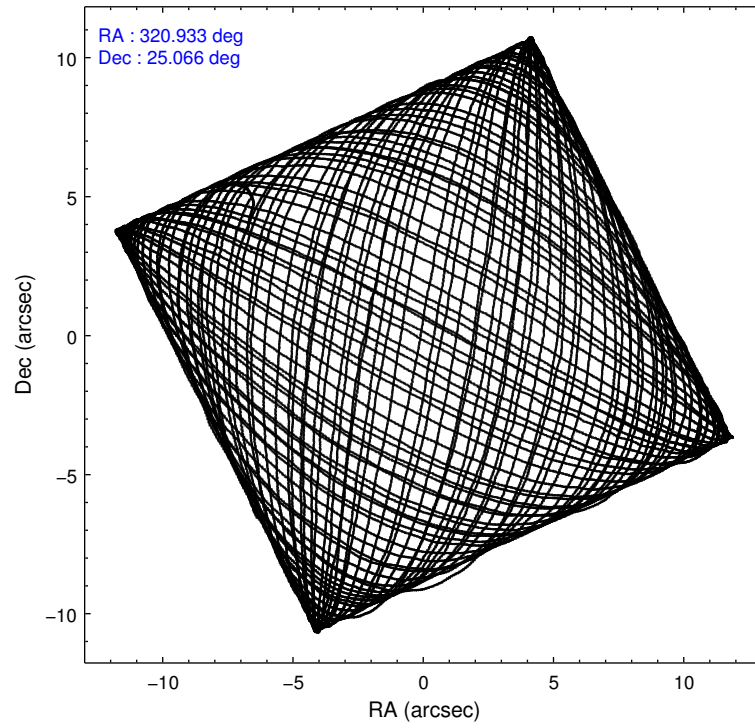
	ccd 7
level 1 events	257997
rejected events	145323
rejected %	56%

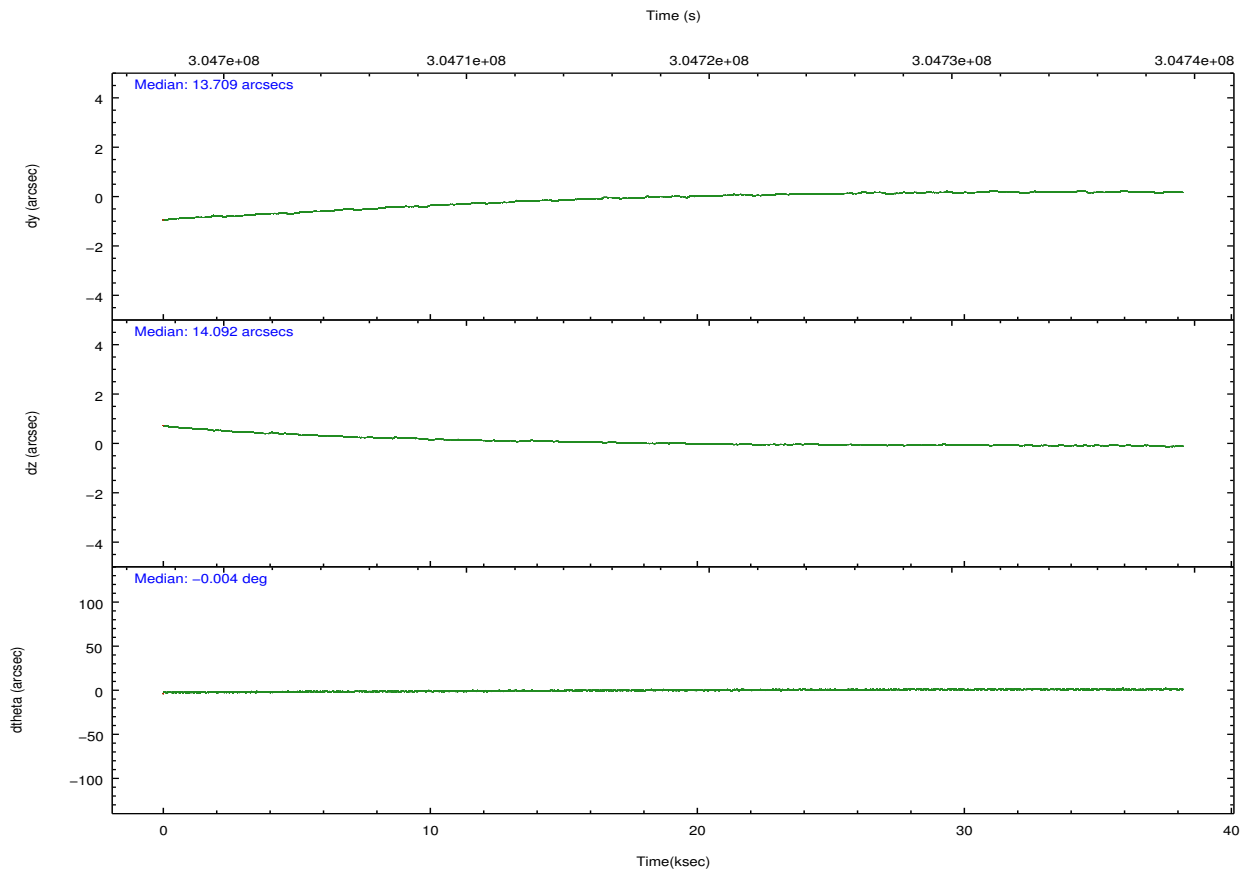
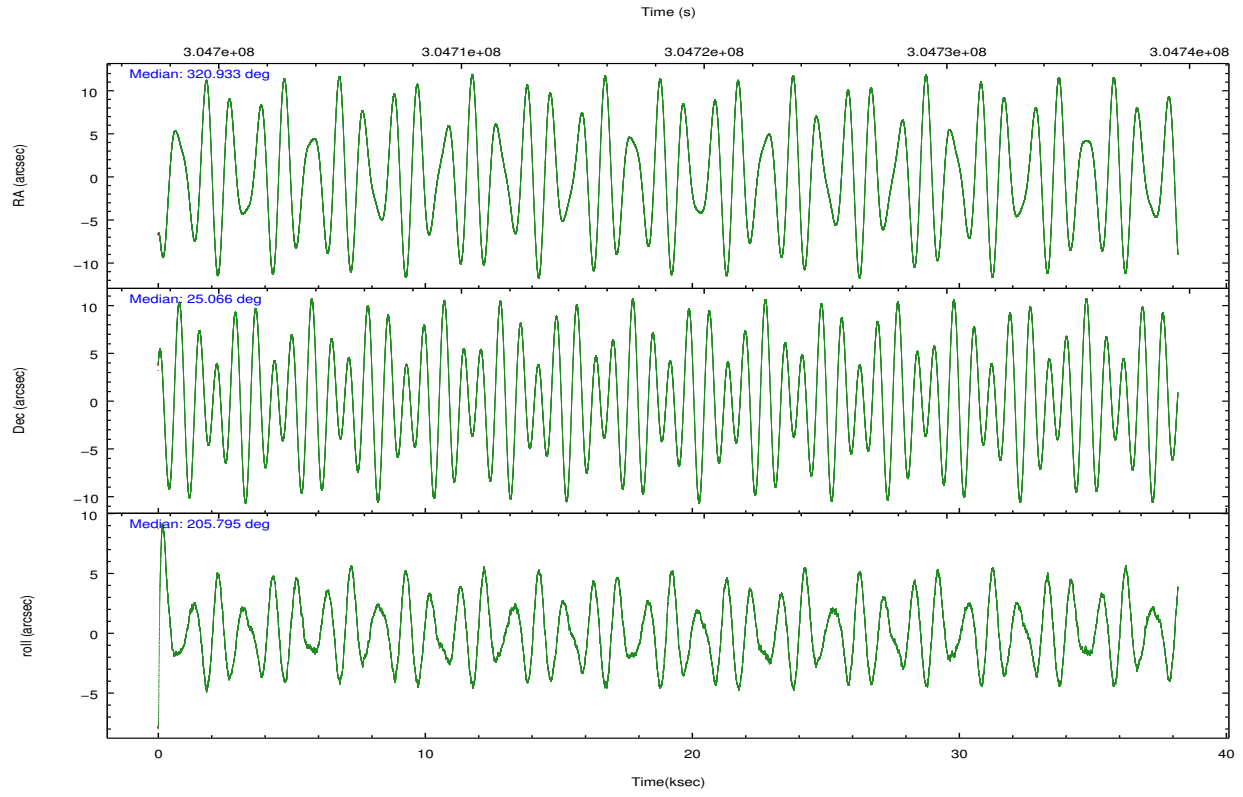
	ccd 7
grade 0 events	10877
	4%
grade 1 events	278
	0%
grade 2 events	23389
	9%
grade 3 events	11237
	4%
grade 4 events	10918
	4%
grade 5 events	24556
	9%
grade 6 events	57994
	22%
grade 7 events	118748
	46%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	320.949170	320.9325347309758	Subarray requested	CUSTOM	1/2
[deg] Pointing Dec	25.088679	25.06585249538377	Subarray start row	257	257
[deg] Pointing Roll	205.633455	205.7971322771529	Subarray row count	512	512
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	1.5
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	304699610.184000	304698645.94269			
Observation start date	2007-08-28T14:45:45	2007-08-28T14:30:45			
[s] Observation end time (MET)	304737610.184000	304738482.5696			
Observation end date	2007-08-29T01:19:05	2007-08-29T01:34:42			
Read mode	TIMED	TIMED			

2.3 Aspect



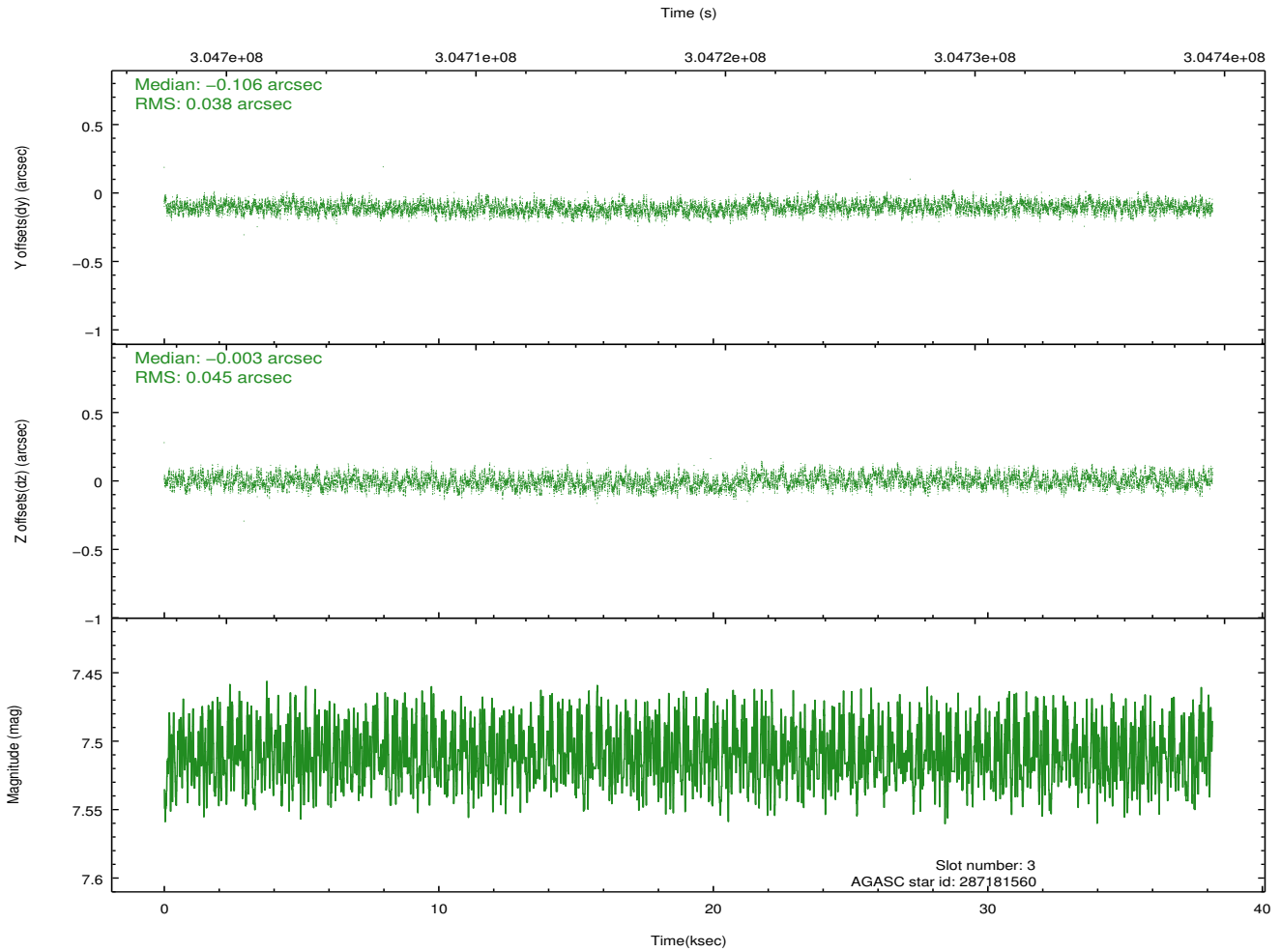
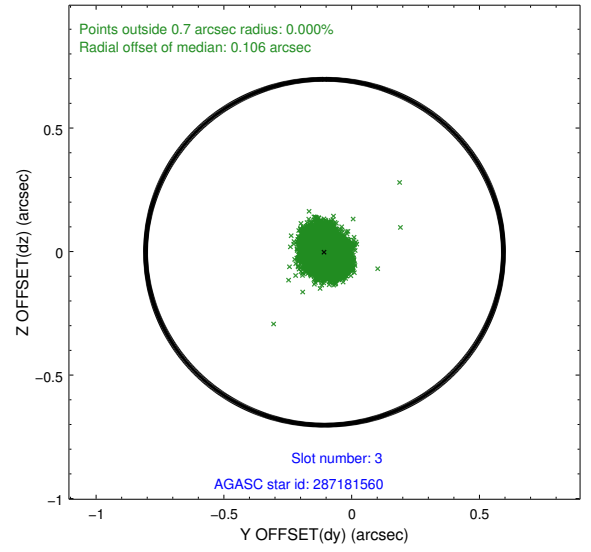
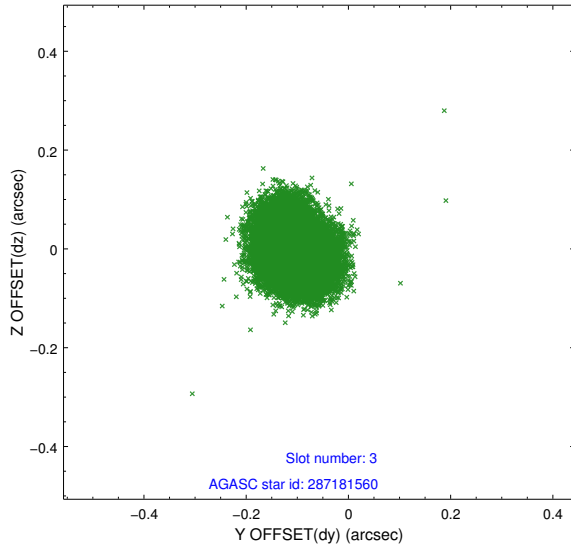


Slot Statistics

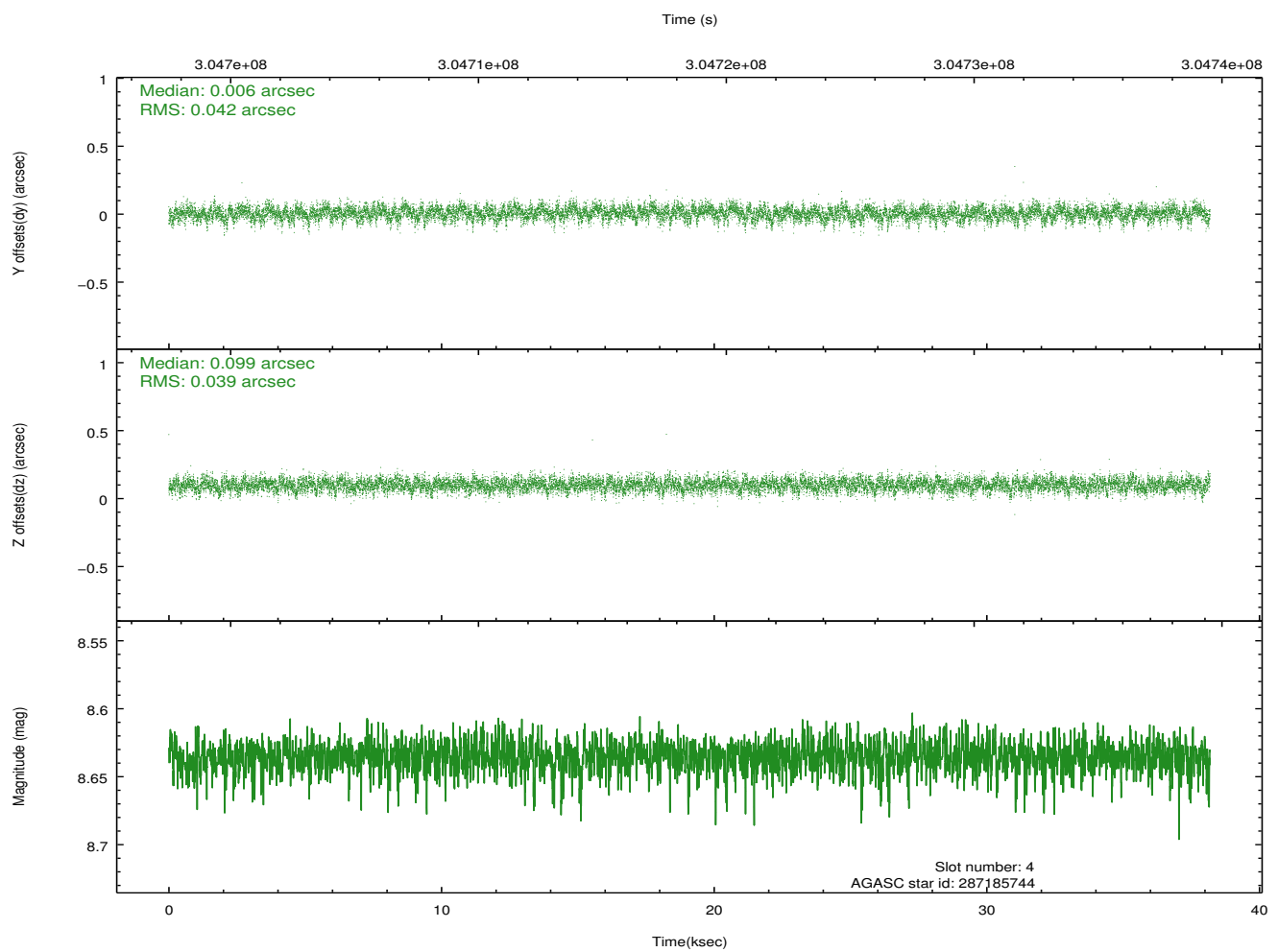
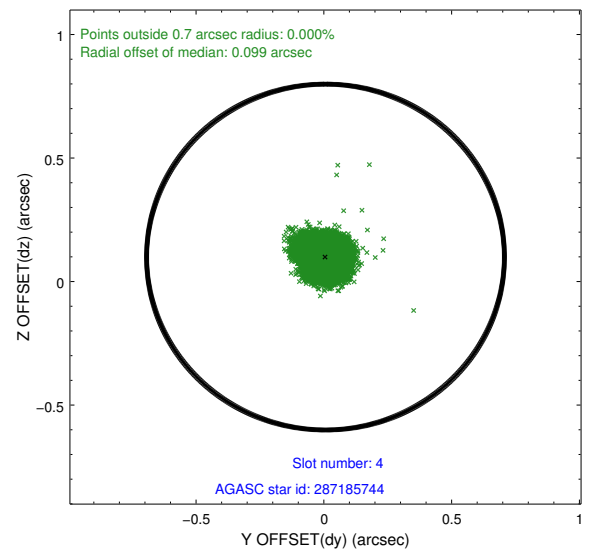
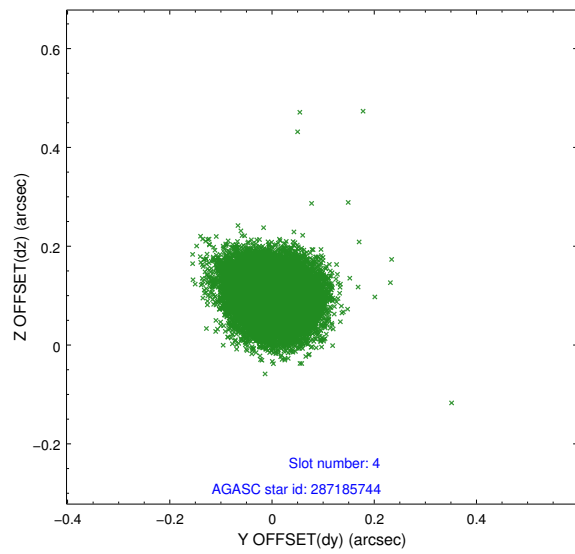
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	9316	-0.055	-0.059	0.012	0.025	0.000000	0.000000	-766.54	-1735.54
1	FID	ACIS-S-4	7.19	9316	0.193	0.043	0.015	0.043	0.000000	0.000000	2146.95	173.03
2	FID	ACIS-S-5	7.23	9315	-0.167	0.025	0.011	0.031	0.000000	0.000000	-1819.48	166.69
3	GUIDE	287181560	7.51	18629	-0.106	-0.003	0.064	0.098	321.200433	25.880457	-1967.06	-2218.33
4	GUIDE	287185744	8.64	18621	0.006	0.099	0.061	0.099	320.600224	25.050064	1085.70	-368.04
5	GUIDE	287186832	8.58	18621	0.019	0.008	0.059	0.096	320.467885	24.672392	2066.86	667.96
6	GUIDE	287189536	9.14	18608	0.036	-0.094	0.079	0.129	321.584798	24.862740	-1521.81	1627.39
7	GUIDE	287196576	6.68	18629	0.036	-0.009	0.072	0.142	321.031042	25.312428	-588.80	-610.64

2.4 Star Slots

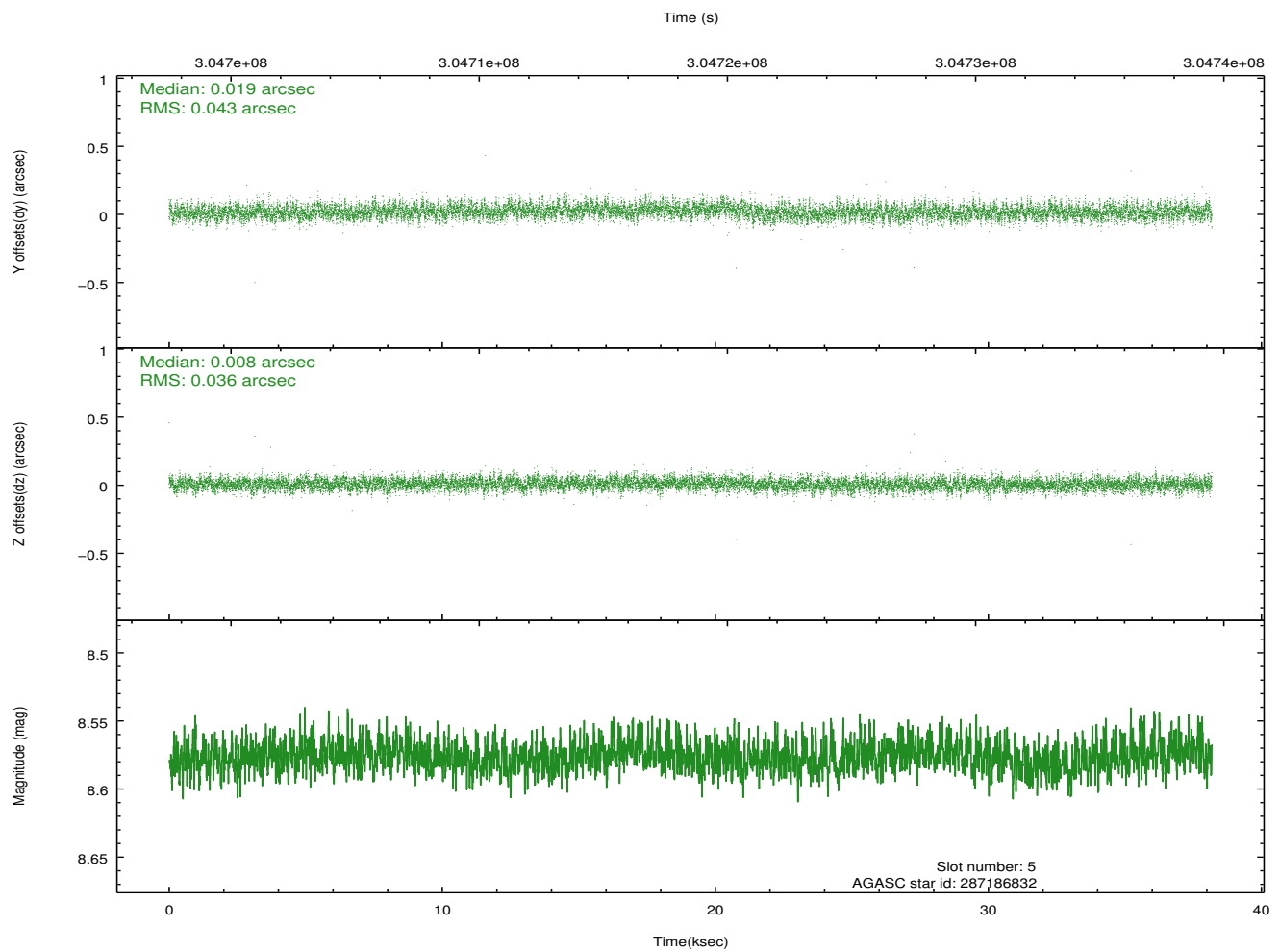
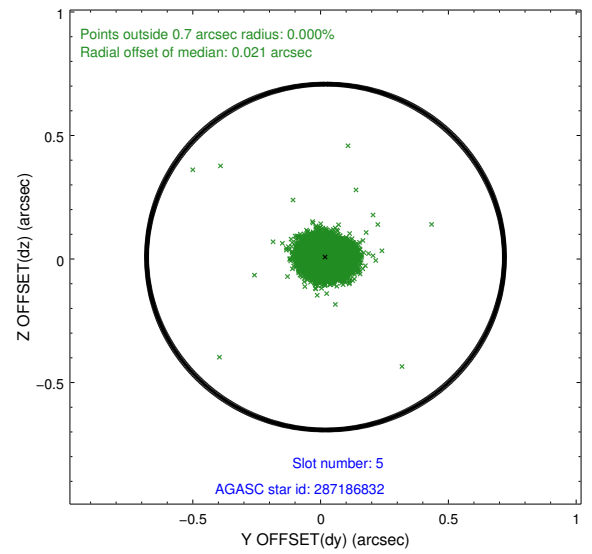
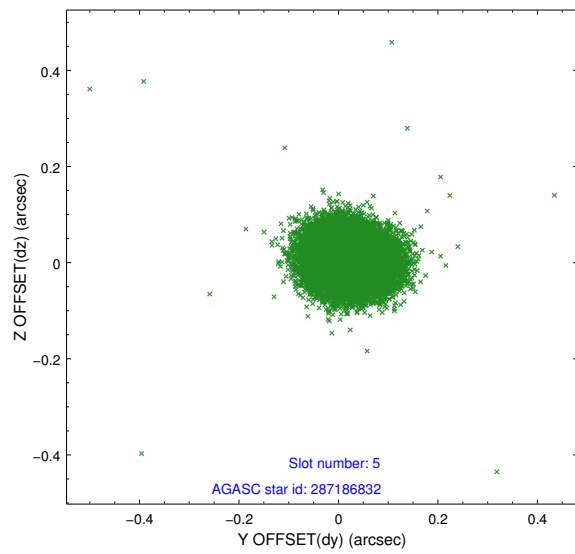
2.4.1 Slot 3



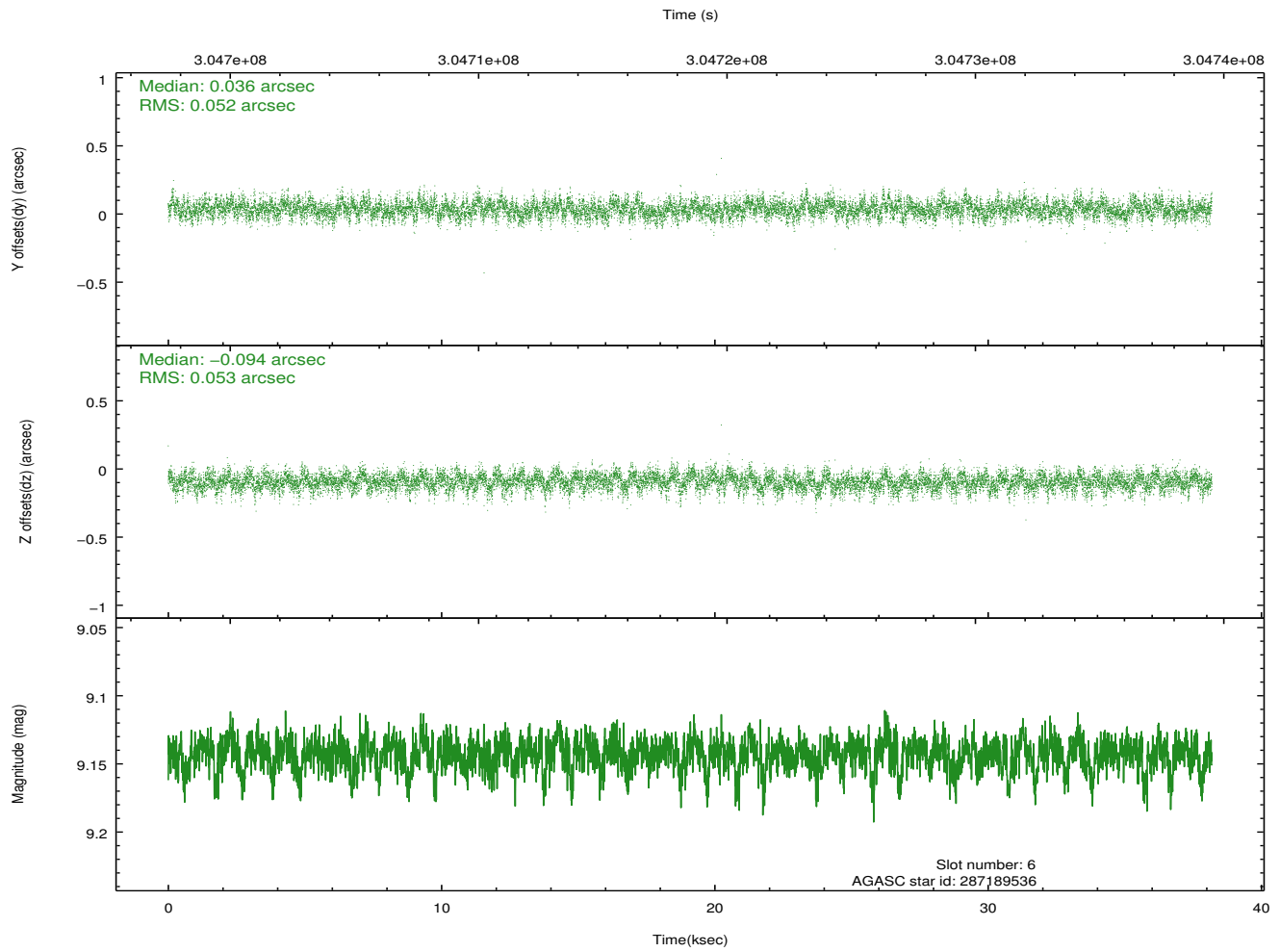
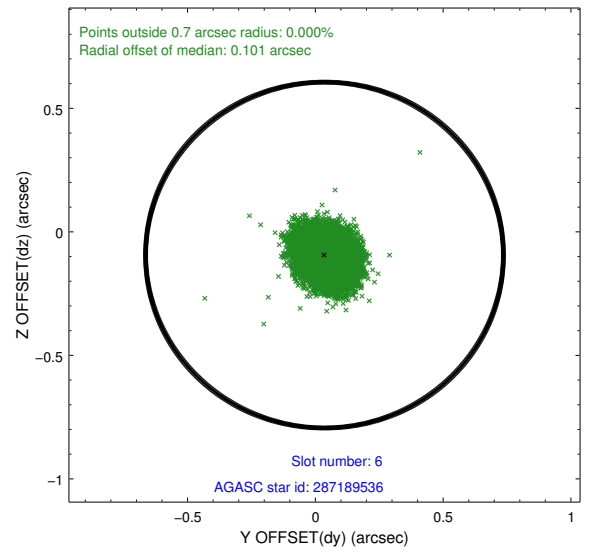
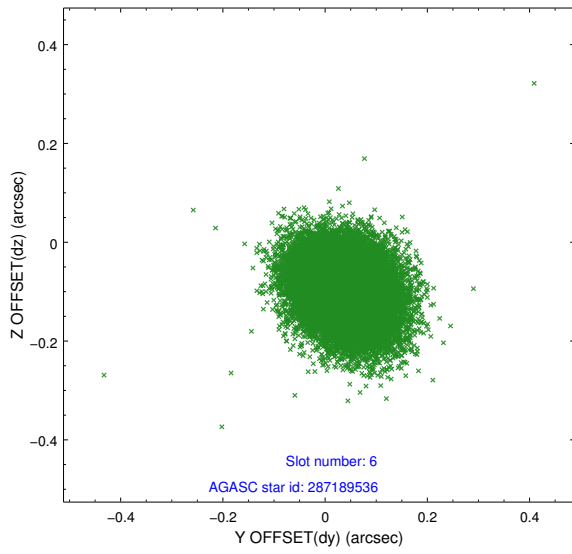
2.4.2 Slot 4



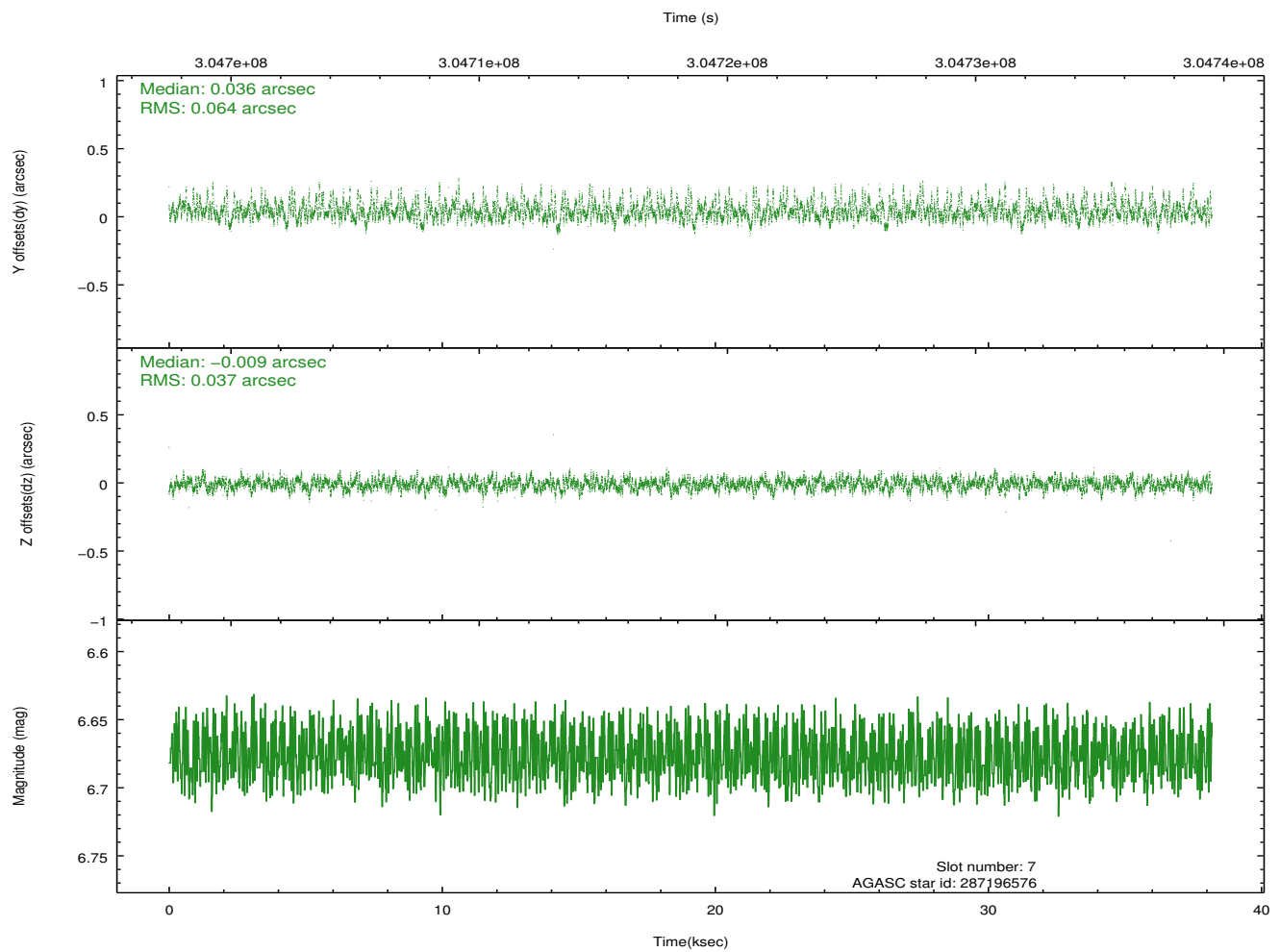
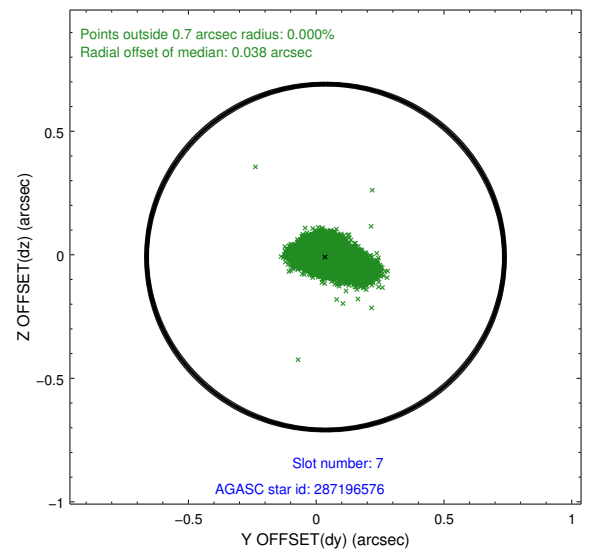
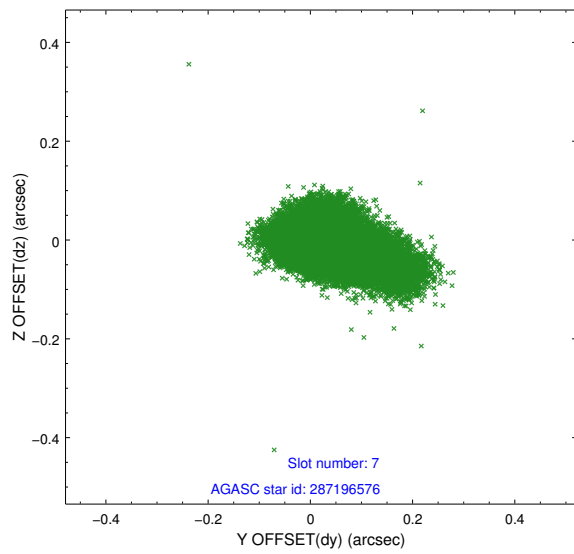
2.4.3 Slot 5



2.4.4 Slot 6

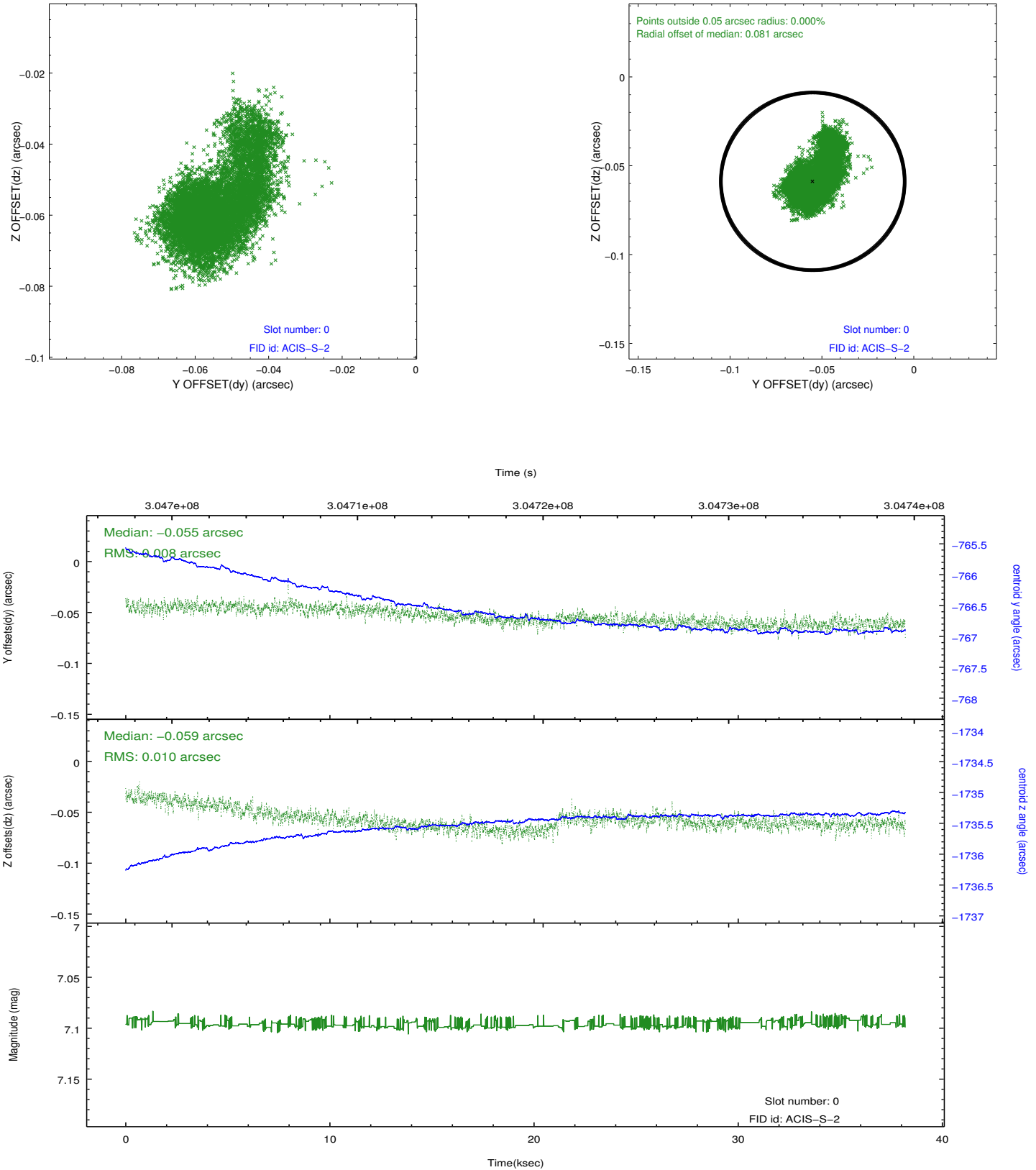


2.4.5 Slot 7

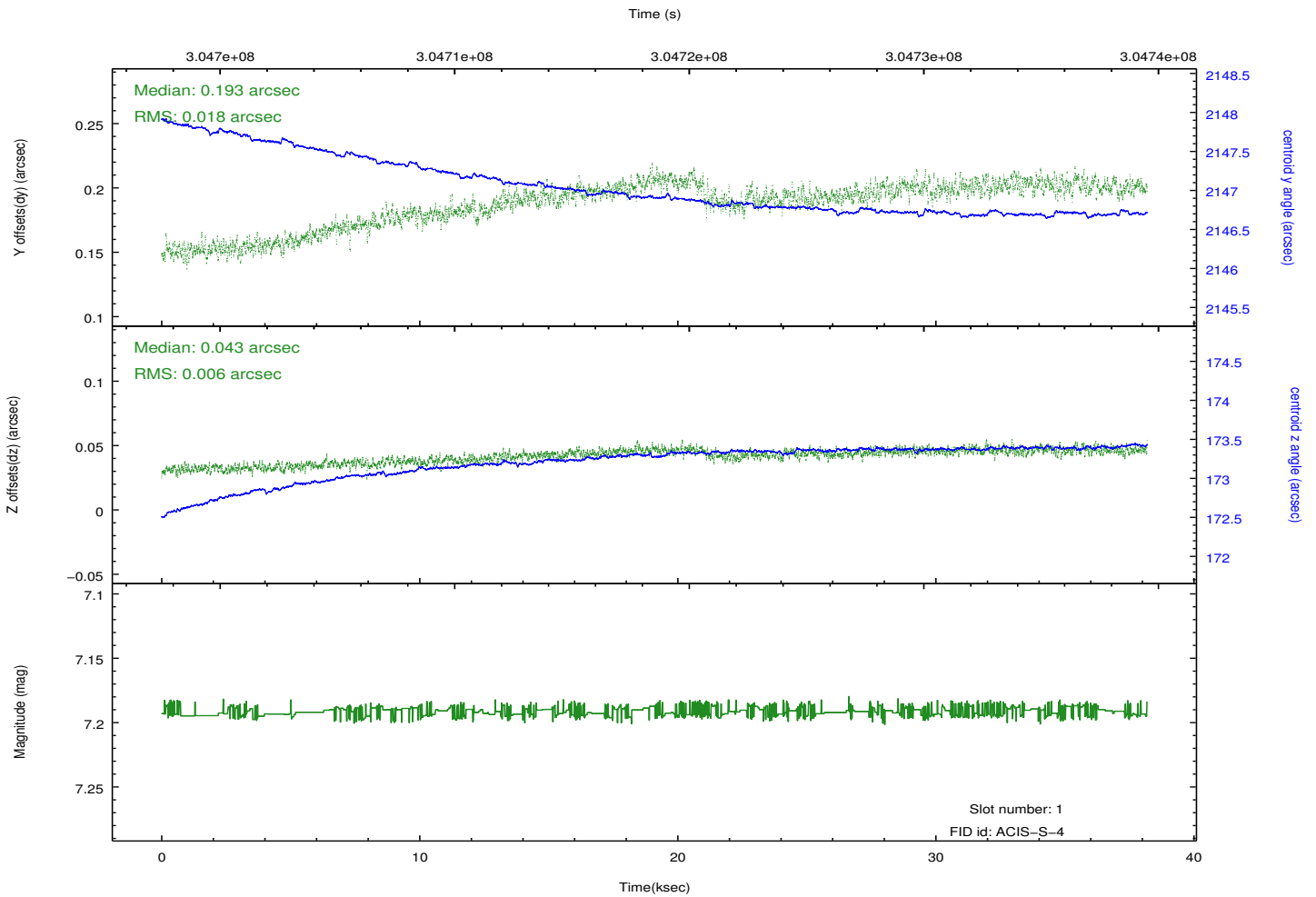
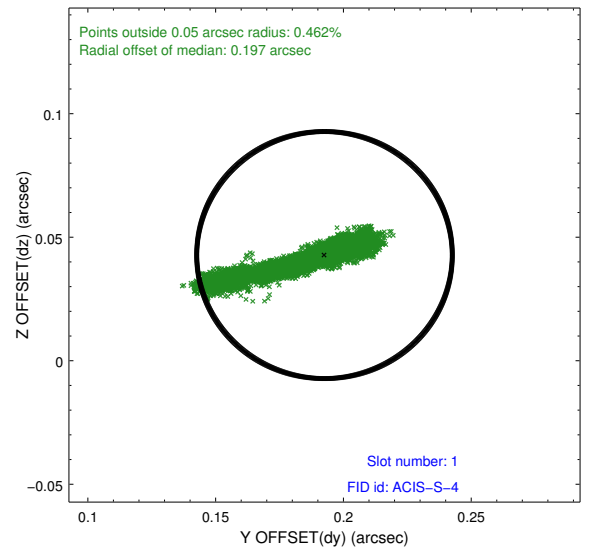
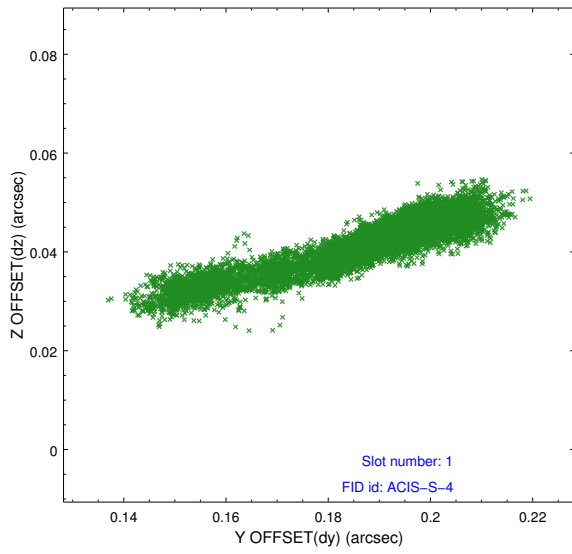


2.5 FID Slots

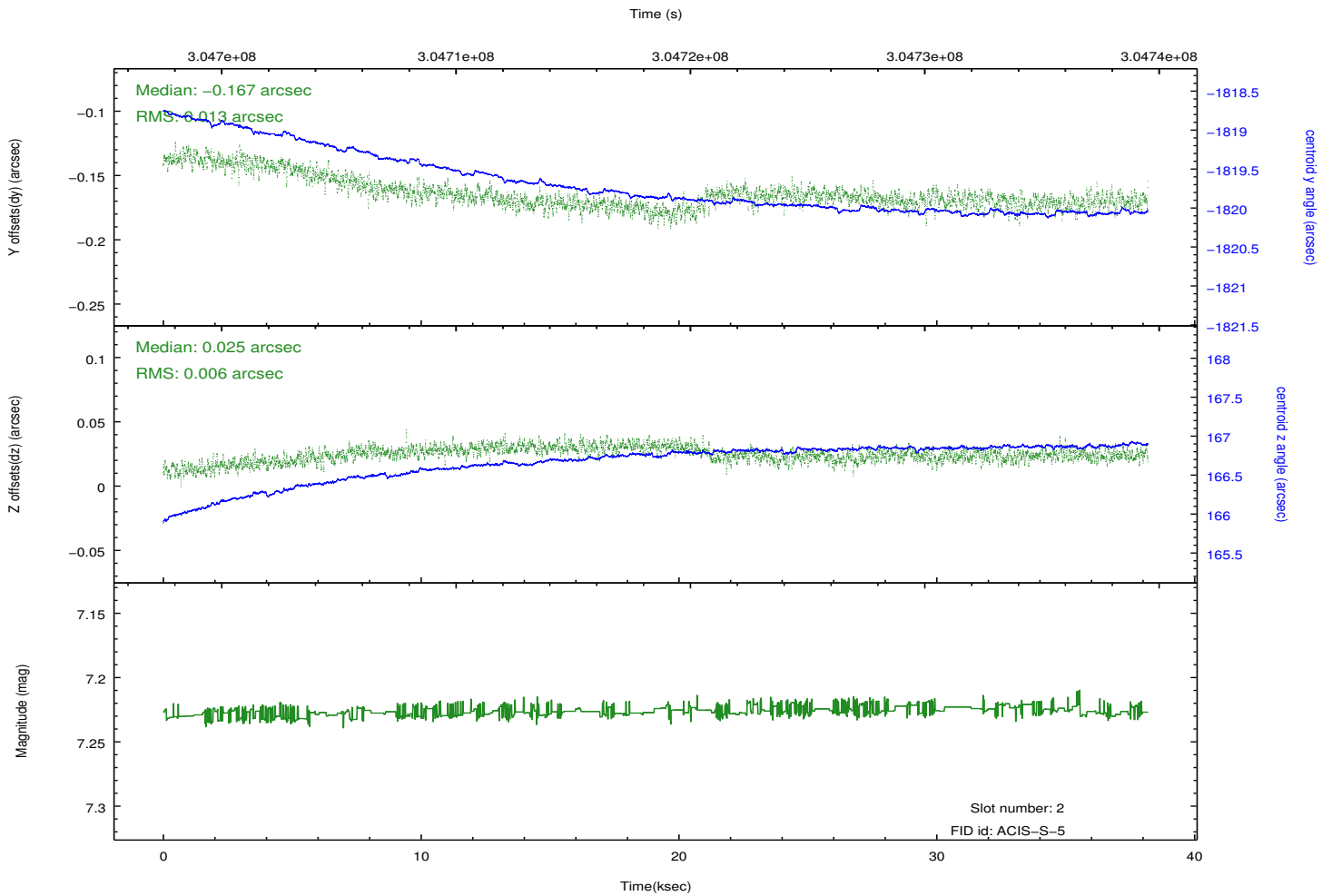
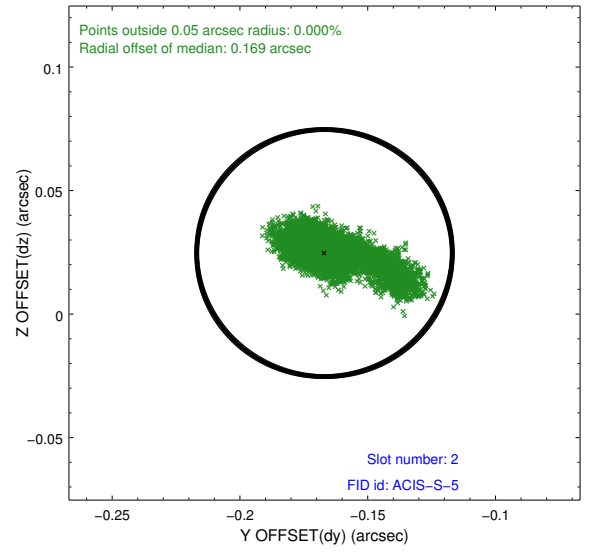
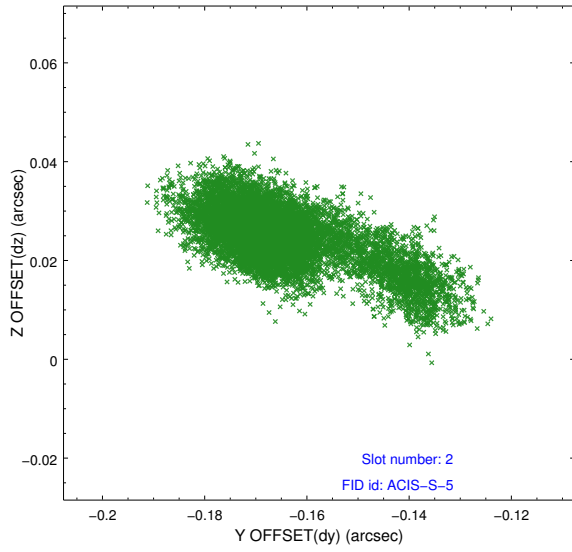
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	38.1885

A.2 Comments