

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 18169 - L2 Version 1
Chandra X-Ray Center

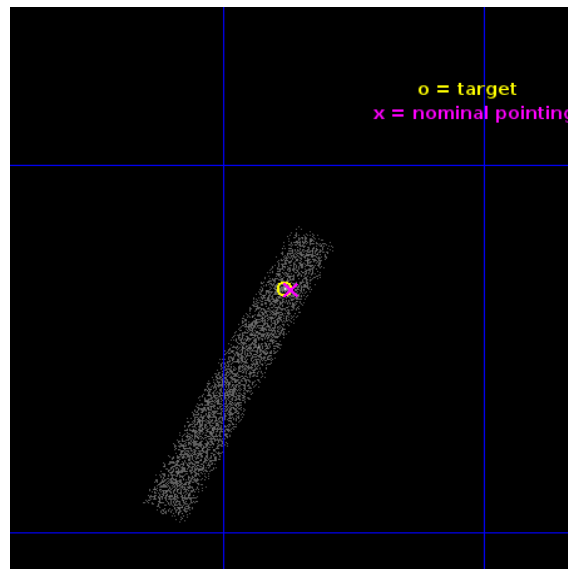
L2 Processing Date : Apr 9 2016

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1 Front

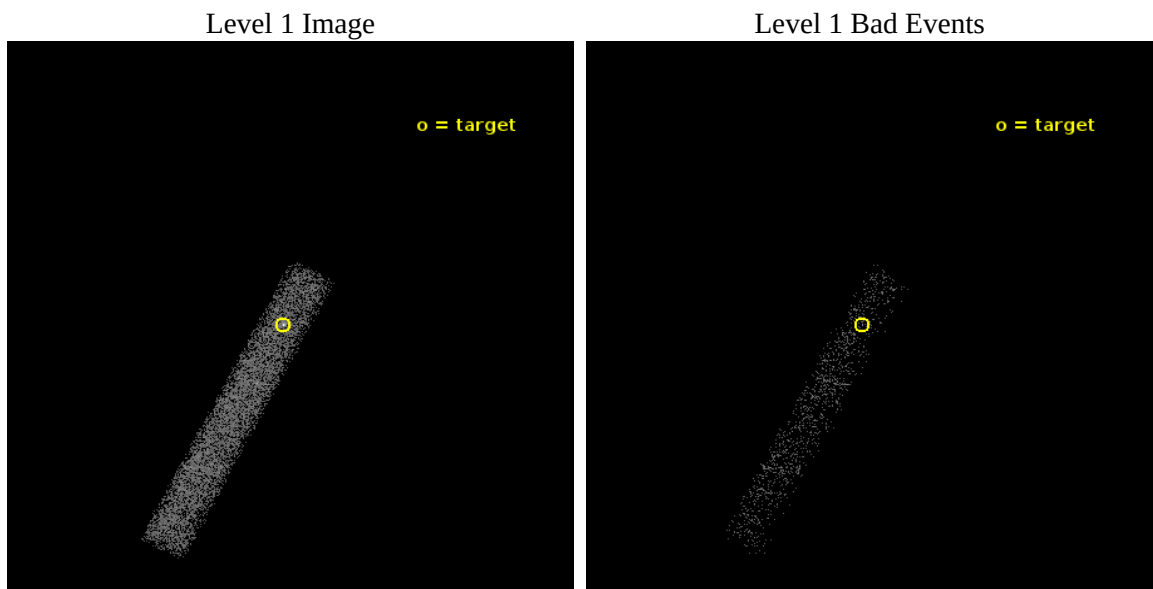
seq_num	703234	Sequence number
obs_id	18169	Observation id
title	Chandra Legacy Survey of Merger Driven AGN Activation in Nearby X-ray Selected AGN	Proposal title
observer	Dr Michael Koss	Principal investigator
object	VV 807	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	247.47	Observer's specified target RA [deg]
dec_targ	24.443889	Observer's specified target Dec [deg]
ra_nom	247.46707158875	Nominal RA [deg]
dec_nom	24.443466851943	Nominal Dec [deg]
roll_nom	117.61069017847	Nominal Roll [deg]
revision	1	Processing version of data
ontime	10069.599399686	Sum of GTIs [s]
livetime	9132.595138478	Livetime [s]
ontime7	10069.599399686	Sum of GTIs [s]
l2events	5905	Number of level 2 events



2 OBI

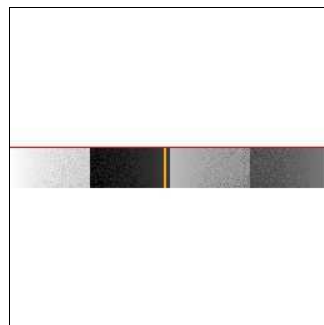
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	10.4.3.1	Processing system revision	ontime	10069.599399686	Sum of GTIs [s]
caldsver	4.7.1	 	ontime7	10069.599399686	Sum of GTIs [s]
date	2016-04-09T22:16:39	Date and time of file creation	l1events	11738	Number of level 1 events
revision	1	Processing version of data			

2.1.4 Events

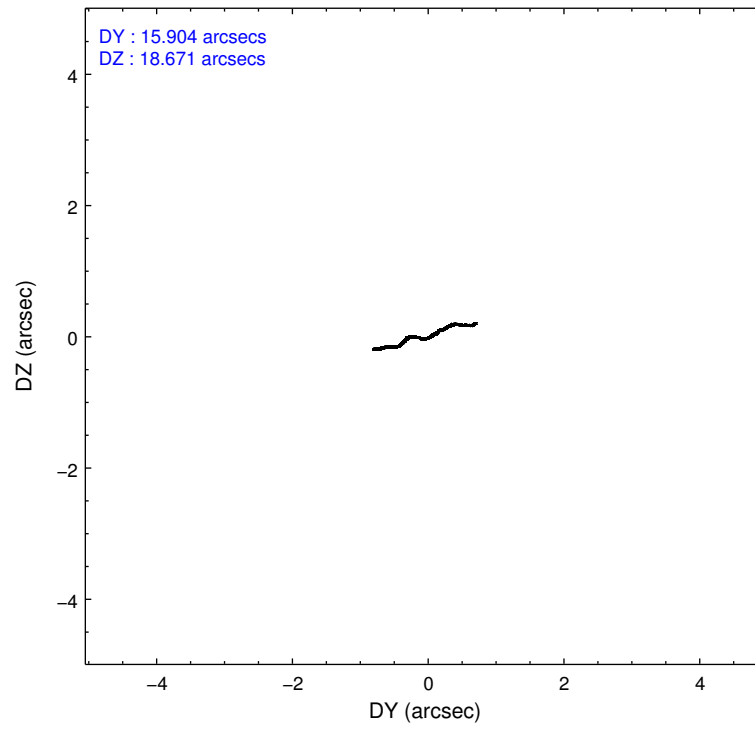
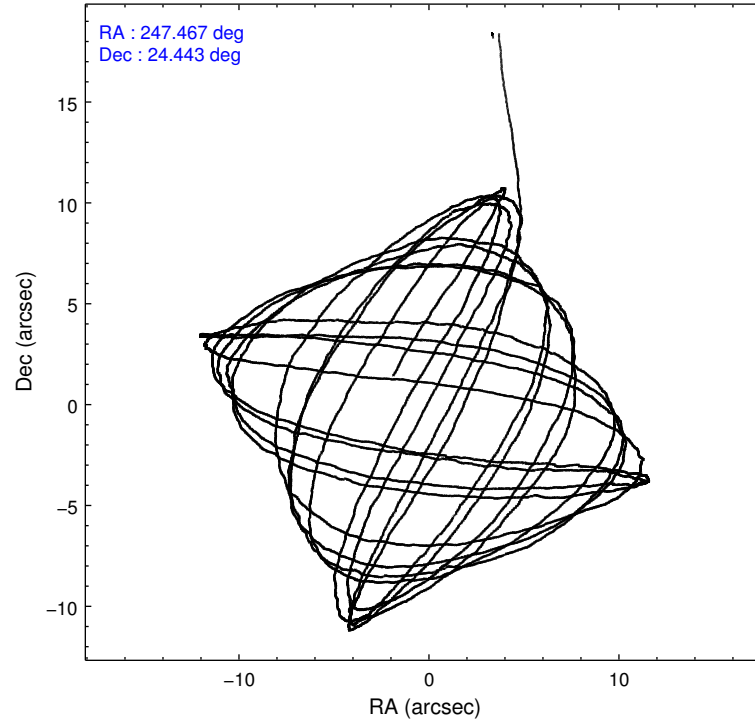
	ccd 7
level 1 events	11738
rejected events	5596
rejected %	47%

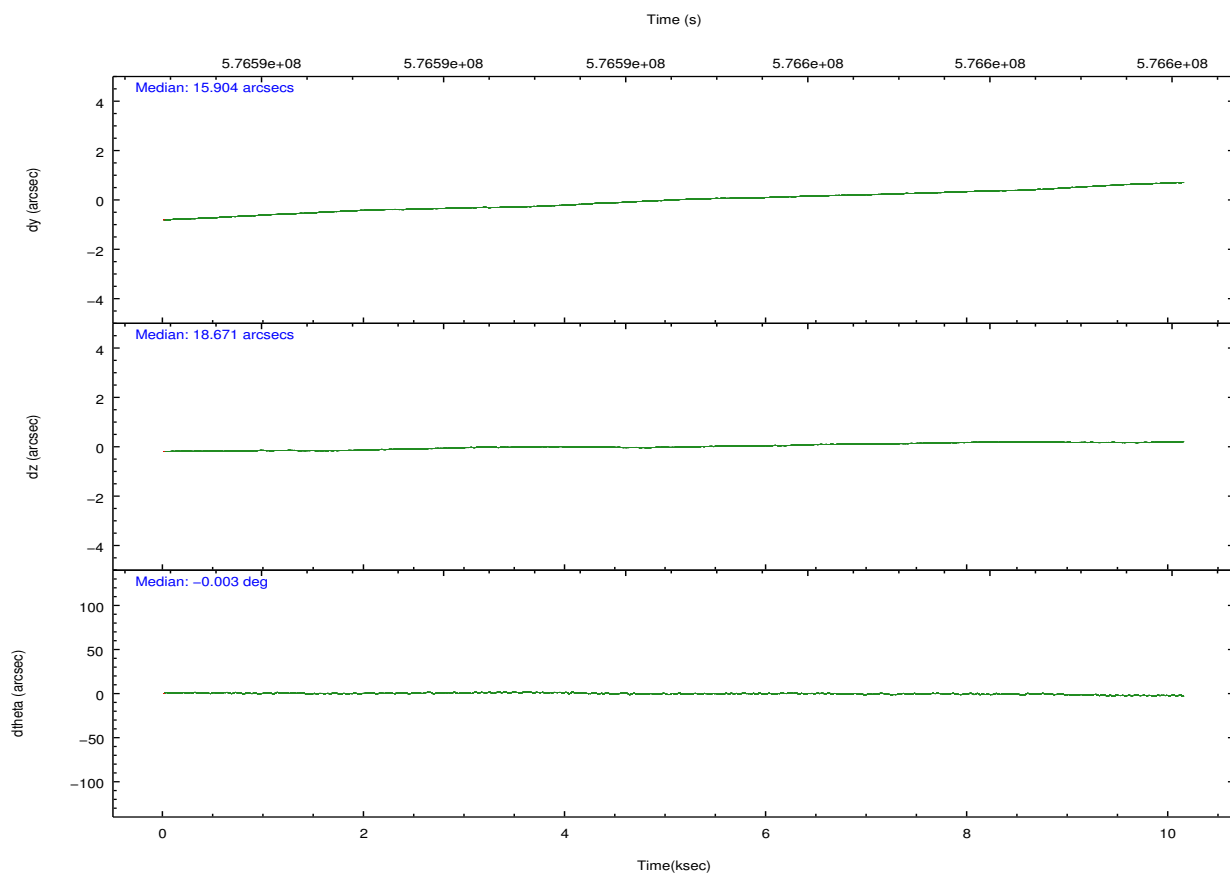
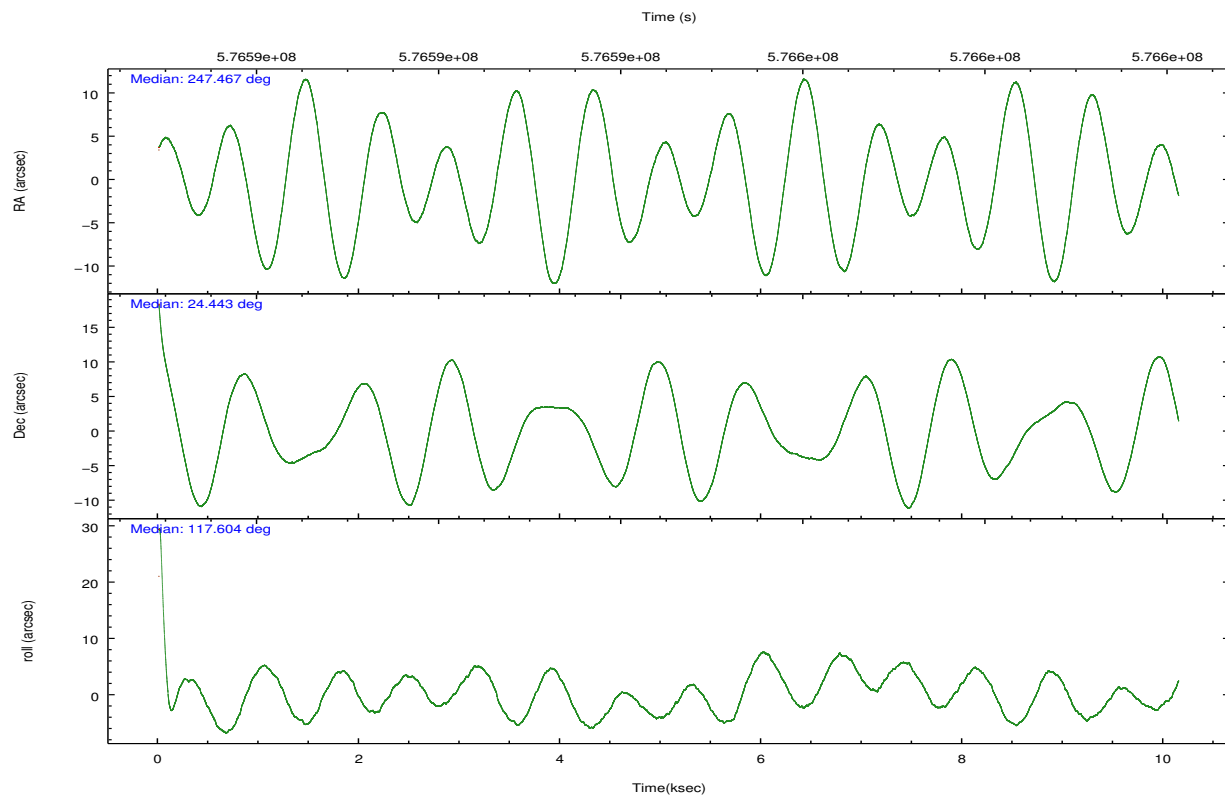
	ccd 7
grade 0 events	753
	6%
grade 1 events	20
	0%
grade 2 events	1221
	10%
grade 3 events	792
	6%
grade 4 events	787
	6%
grade 5 events	1112
	9%
grade 6 events	2589
	22%
grade 7 events	4464
	38%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	247.492725	247.4670715887515	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	24.429033	24.44346685194279	Subarray start row	449	449
[deg] Pointing Roll	117.443410	117.6106901784679	Subarray row count	128	128
[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	0.4
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	576589598.184000	576588022.01472			
Observation start date	2016-04-09T11:45:30	2016-04-09T11:20:22			
[s] Observation end time (MET)	576599598.184000	576600253.34042			
Observation end date	2016-04-09T14:32:10	2016-04-09T14:44:13			
Read mode	TIMED	TIMED			

2.3 Aspect



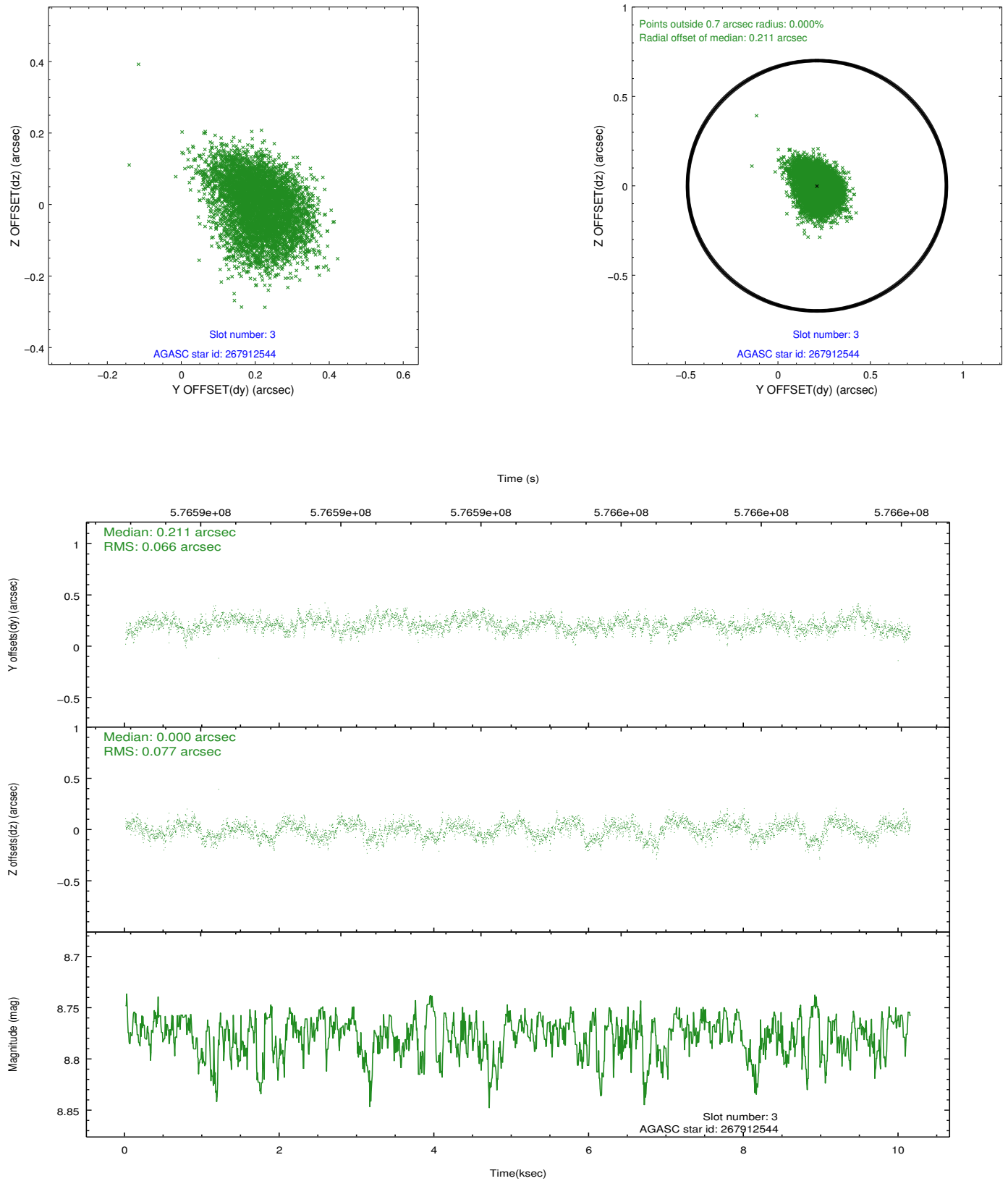


Slot Statistics

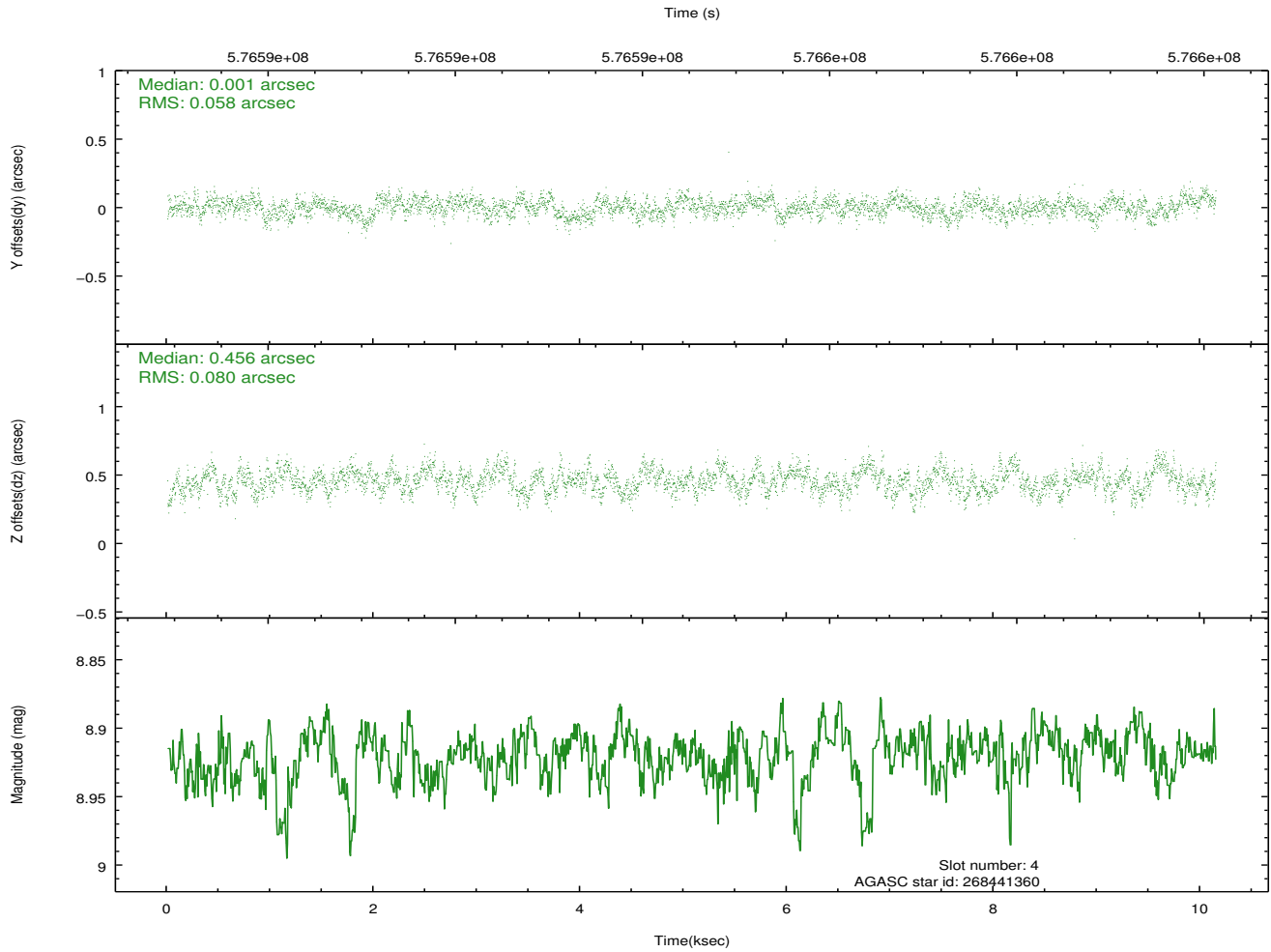
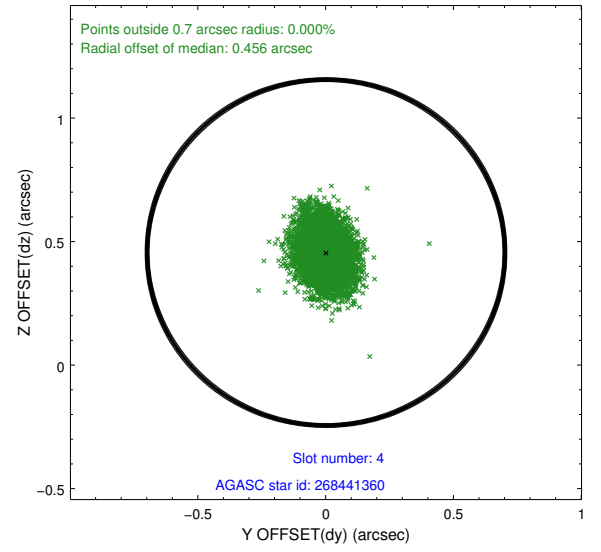
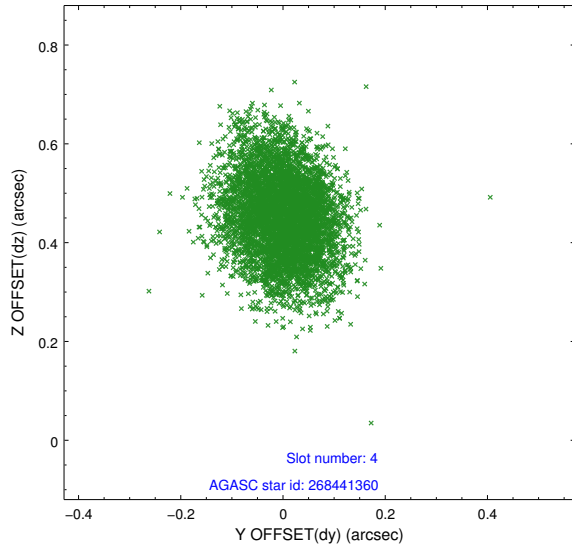
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		ACIS-S-2	7.11	2475	-0.288	-0.199	0.007	0.012	0.000000	0.000000	-769.18	-1740.35
1	FID		ACIS-S-4	7.21	2475	0.330	0.155	0.007	0.012	0.000000	0.000000	2144.51	167.89
2	FID		ACIS-S-6	7.36	2475	-0.069	0.050	0.008	0.014	0.000000	0.000000	393.74	805.81
3	GUIDE	used	267912544	8.78	4948	0.211	0.000	0.108	0.171	247.549678	23.859768	-1905.10	778.92
4	GUIDE	used	268441360	8.92	4948	0.001	0.456	0.105	0.173	247.999125	24.654952	-39.16	-1845.46
5	GUIDE	used	268444776	8.75	4946	-0.246	-0.420	0.102	0.163	247.214335	24.864988	1812.39	83.48
6	GUIDE	used	267918104	7.51	4948	-0.033	-0.256	0.075	0.123	247.355225	23.631151	-2339.70	1726.30
7	GUIDE	used	268437600	8.14	4944	0.068	0.226	0.112	0.181	248.083033	24.849079	456.88	-2408.65

2.4 Star Slots

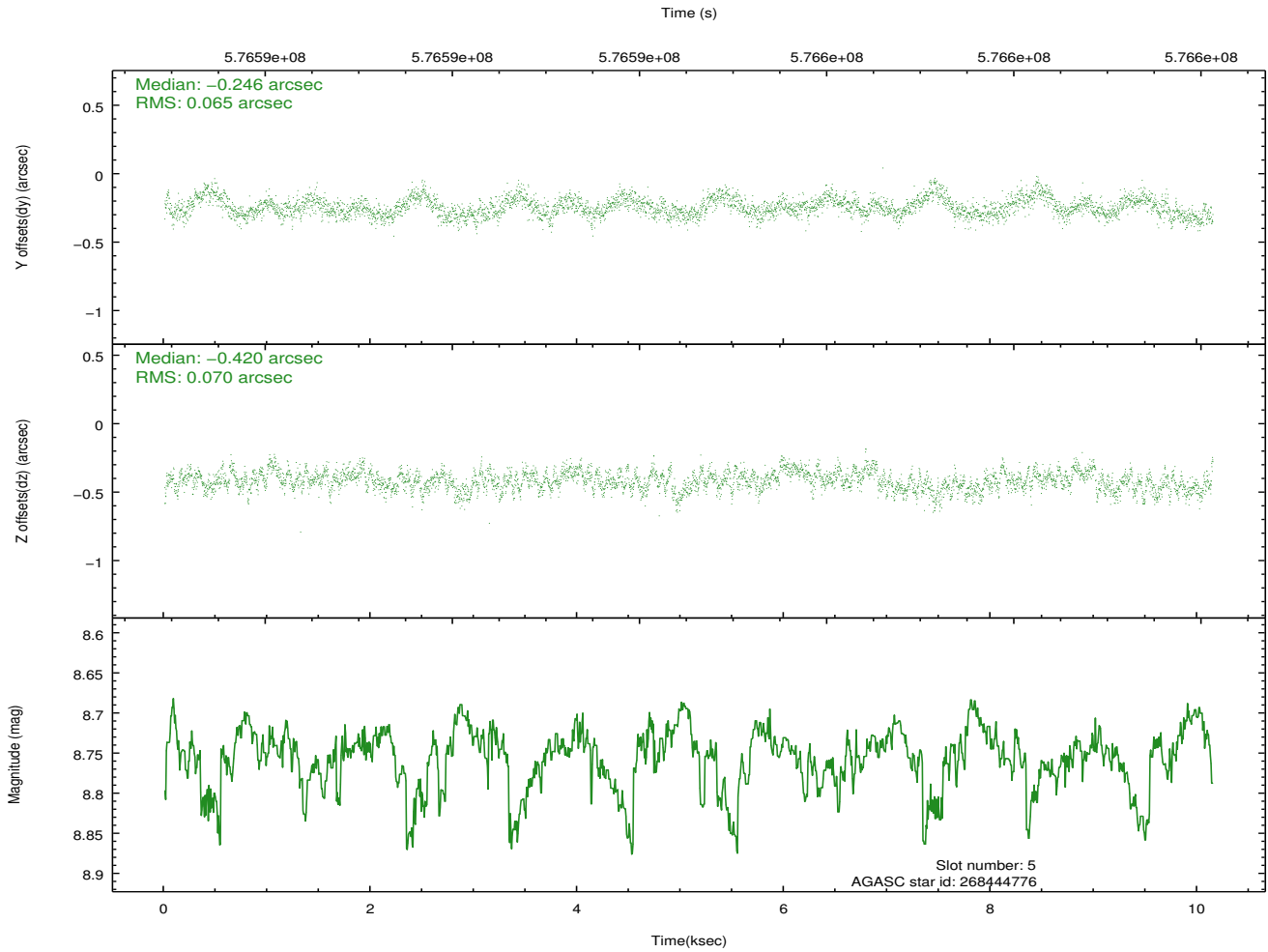
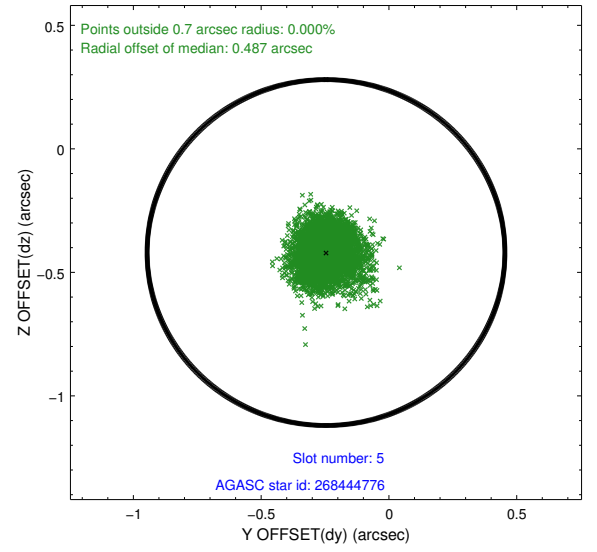
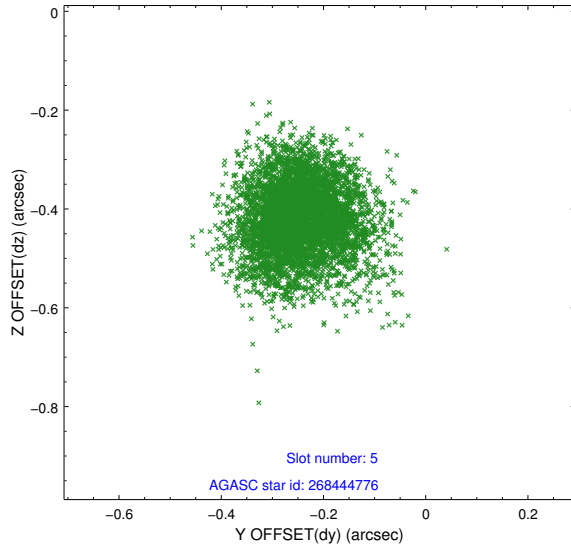
2.4.1 Slot 3



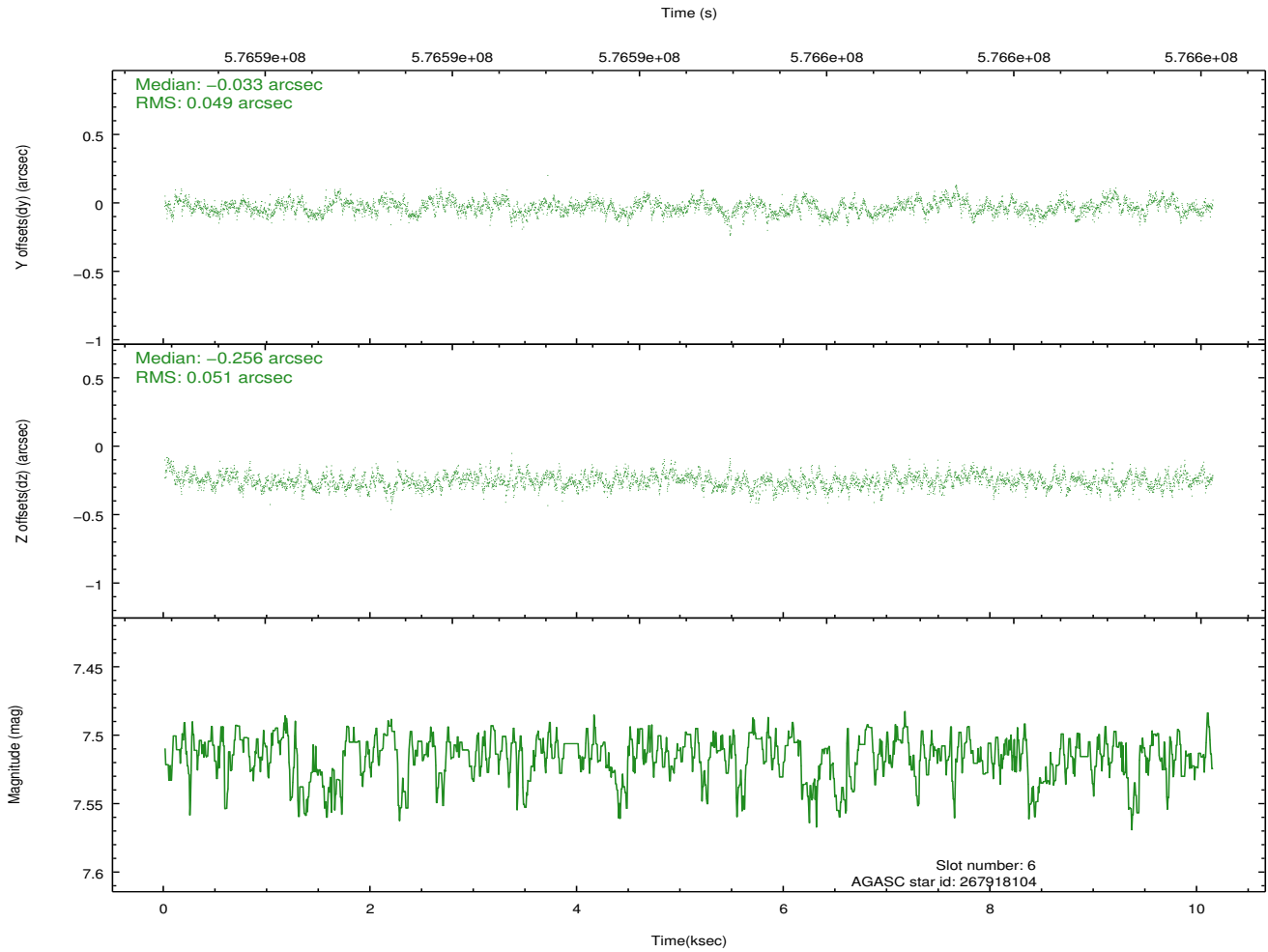
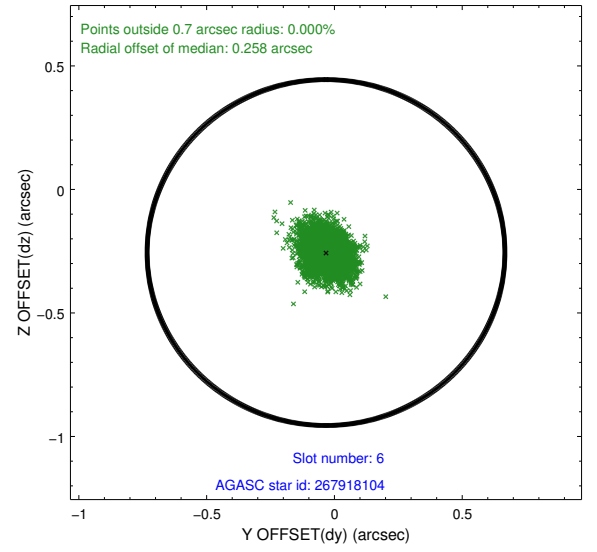
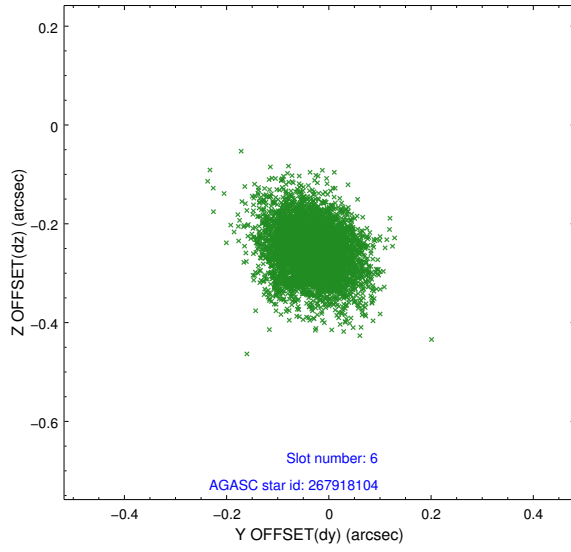
2.4.2 Slot 4



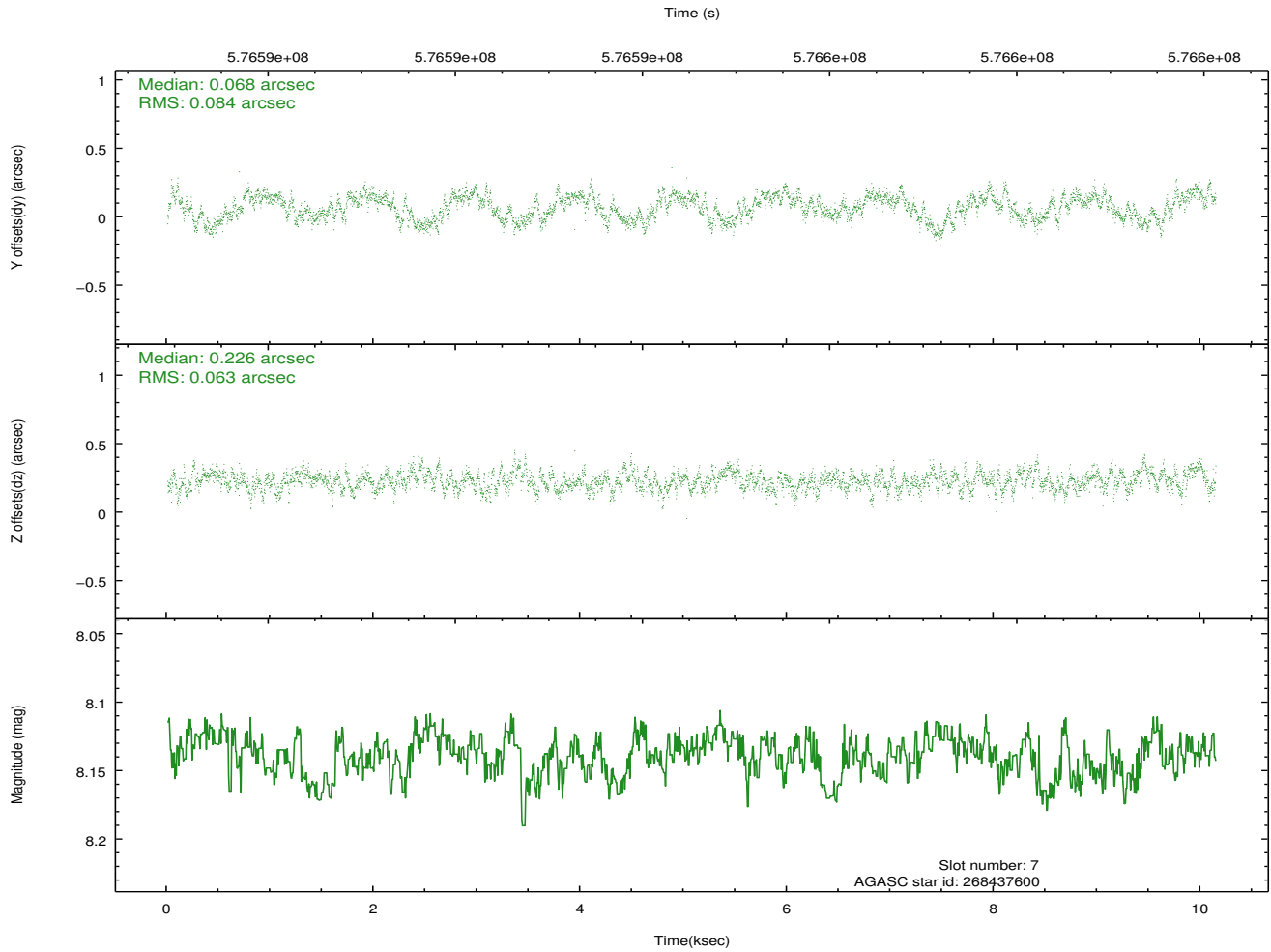
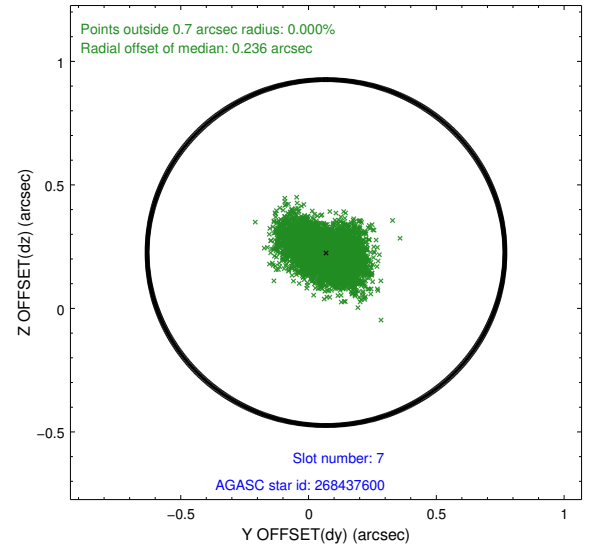
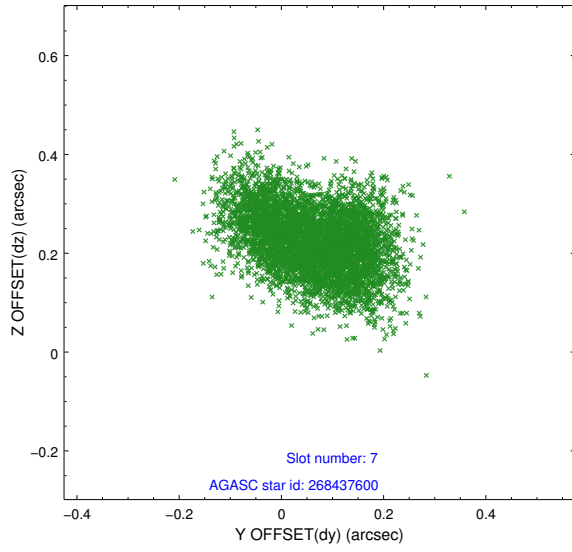
2.4.3 Slot 5



2.4.4 Slot 6

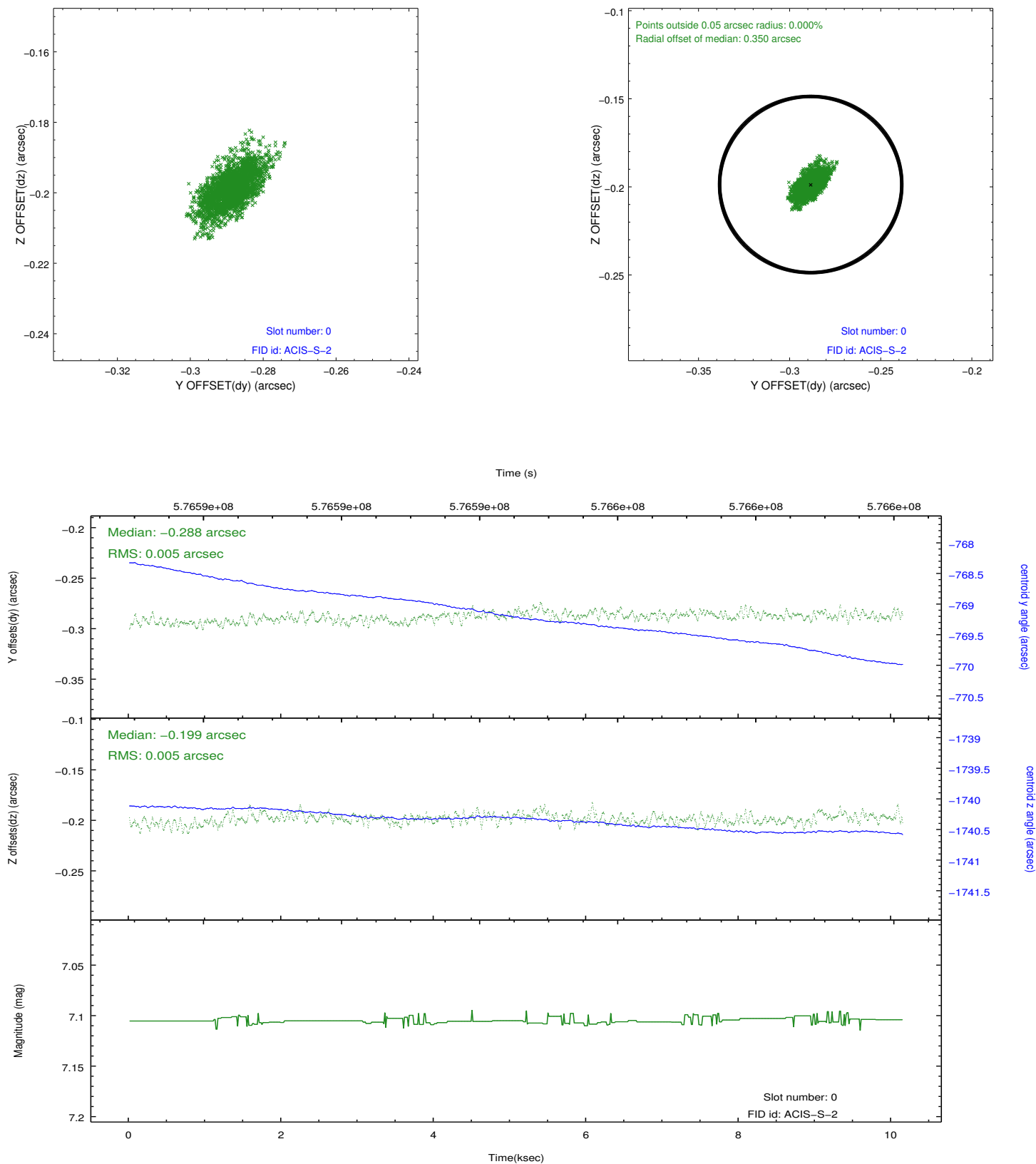


2.4.5 Slot 7

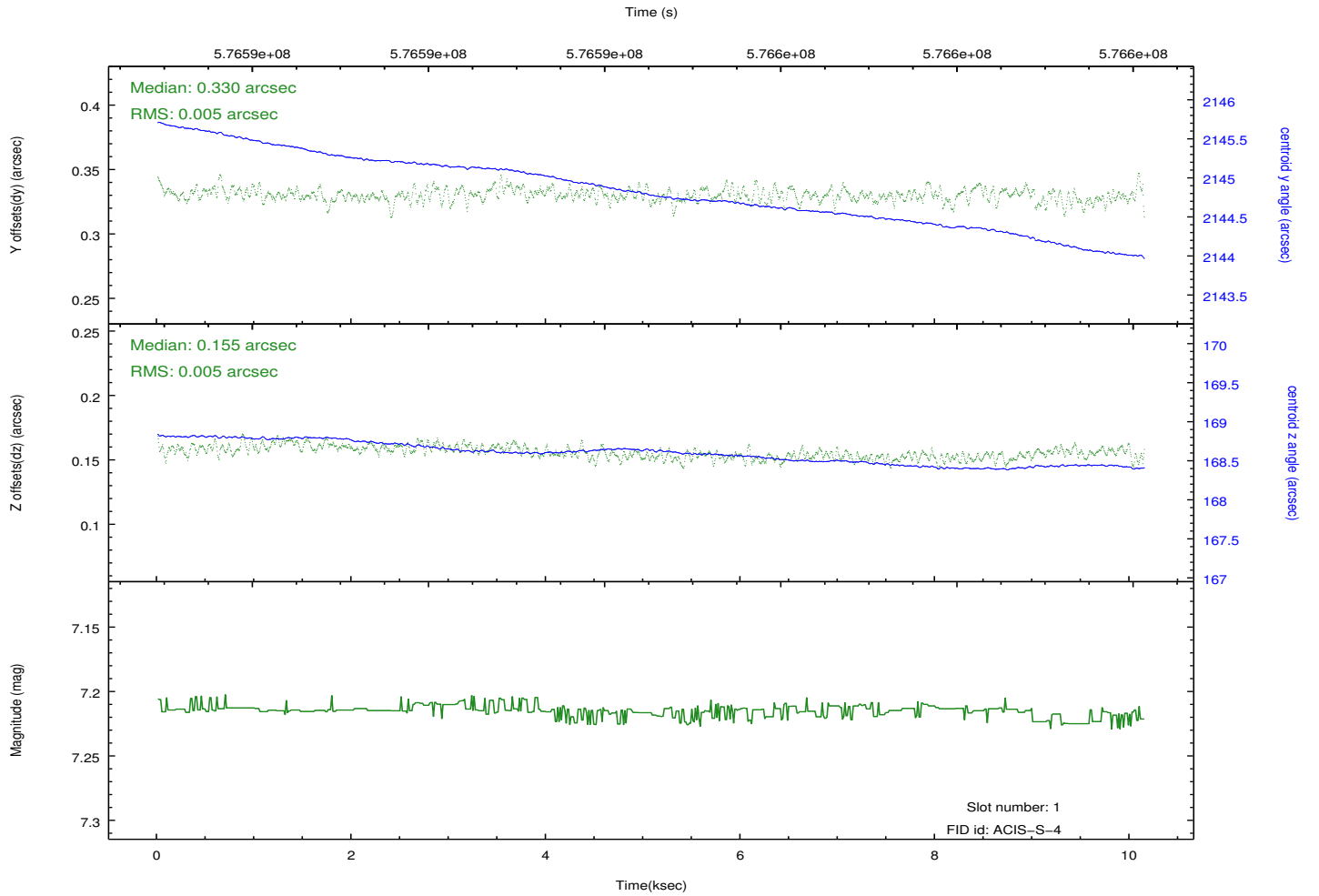
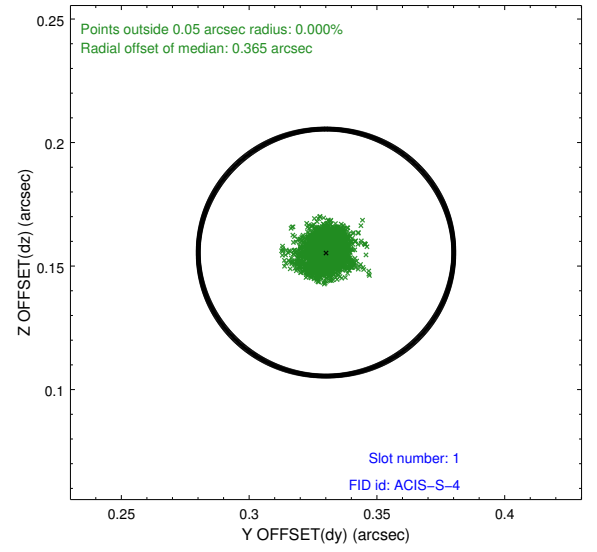
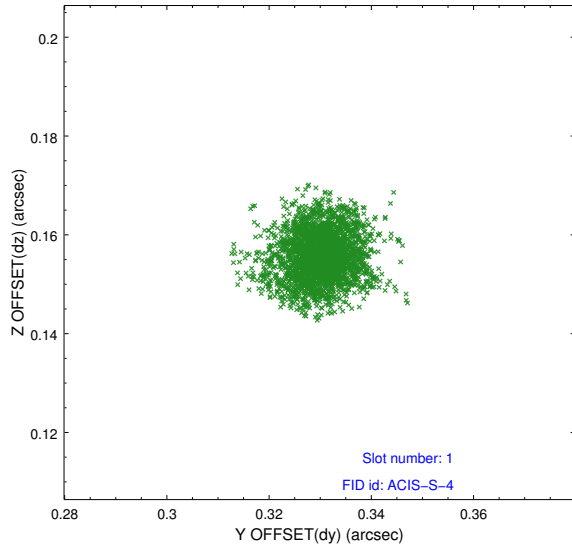


2.5 FID Slots

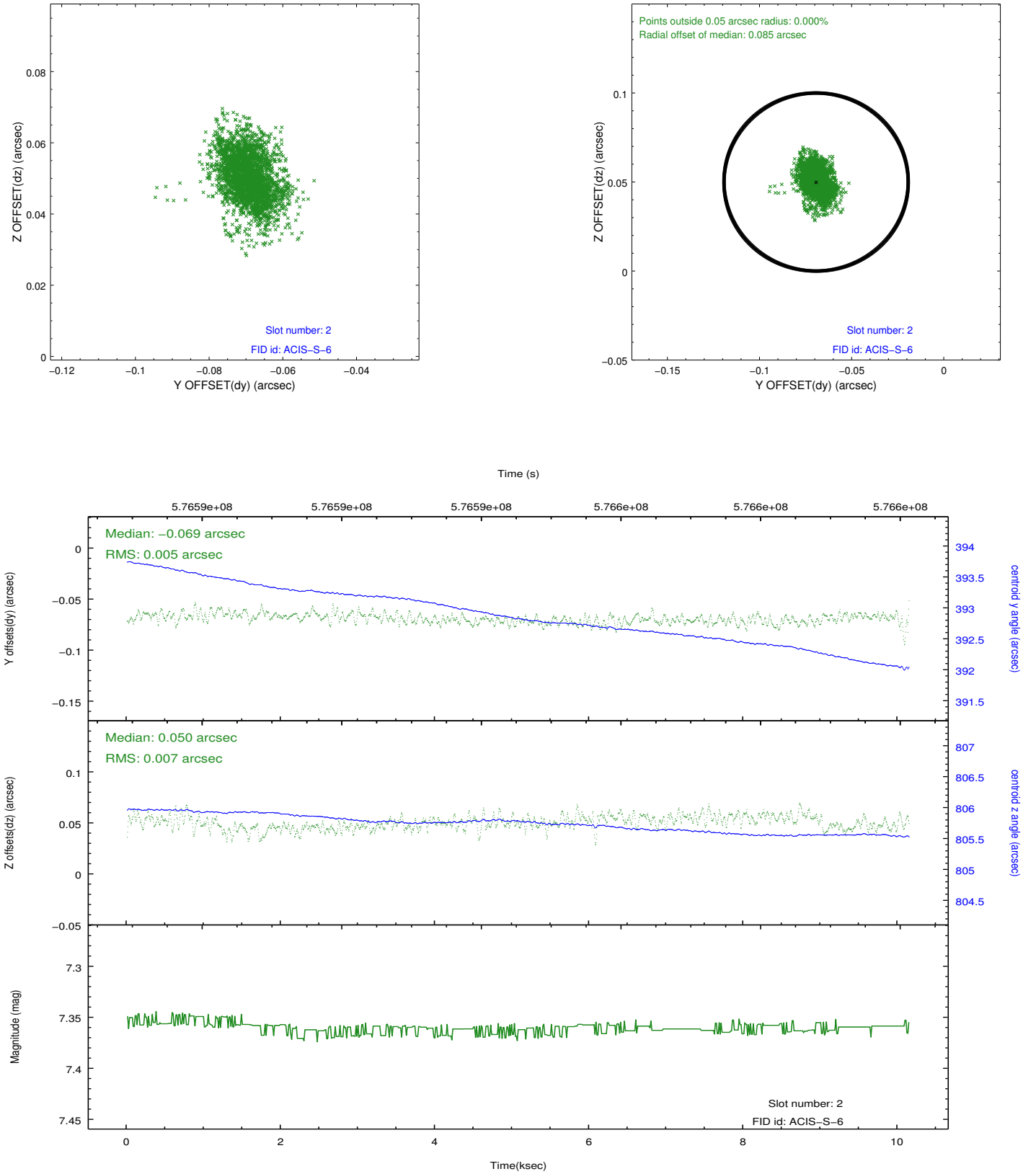
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.04.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.069599399686

A.2 Comments