

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 10368 - L2 Version 2
Chandra X-Ray Center

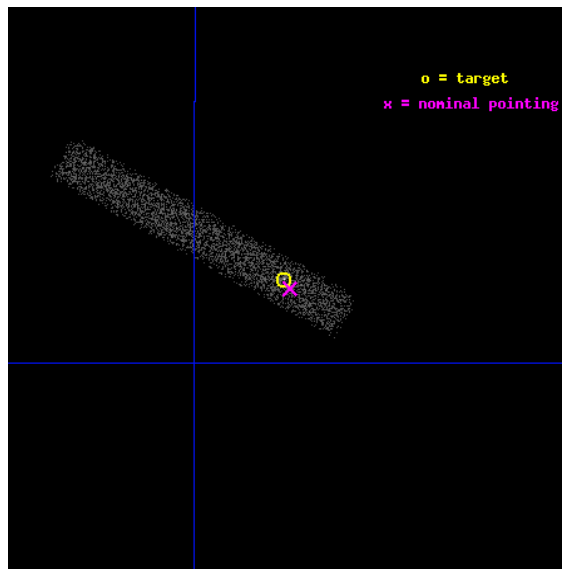
L2 Processing Date : May 29 2012

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1 Front

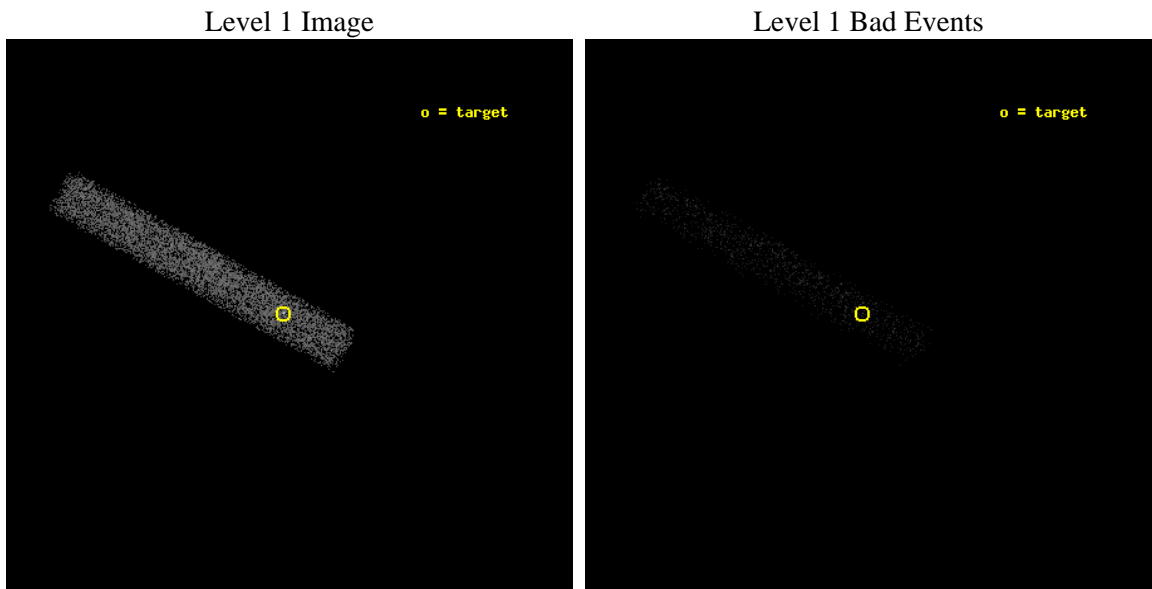
seq_num	701911	Sequence number
obs_id	10368	Observation id
title	Completing a Flux-limited Survey for X-ray Emission from Radio Jets	
observer	Dr. Herman Marshall	Principal investigator
object	0707+476	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	107.692083	Observer's specified target RA [deg]
dec_targ	47.536417	Observer's specified target Dec [deg]
ra_nom	107.6884787278	Nominal RA [deg]
dec_nom	47.532187489496	Nominal Dec [deg]
roll_nom	209.08954266833	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5853.9340755939	Sum of GTIs [s]
liveltime	5309.2092105877	Livetime [s]
ontime7	5853.9340755939	Sum of GTIs [s]
l2events	5495	Number of level 2 events



2 OBI

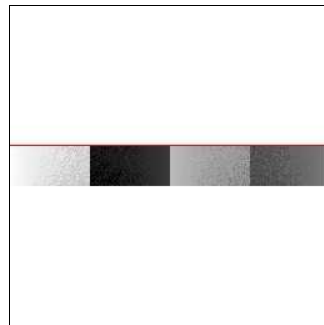
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	6000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	5853.9340755939	Sum of GTIs [s]
caldbver	4.4.9	 	ontime7	5853.9340755939	Sum of GTIs [s]
date	2012-05-29T02:47:53	Date and time of file creation	l1events	11531	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

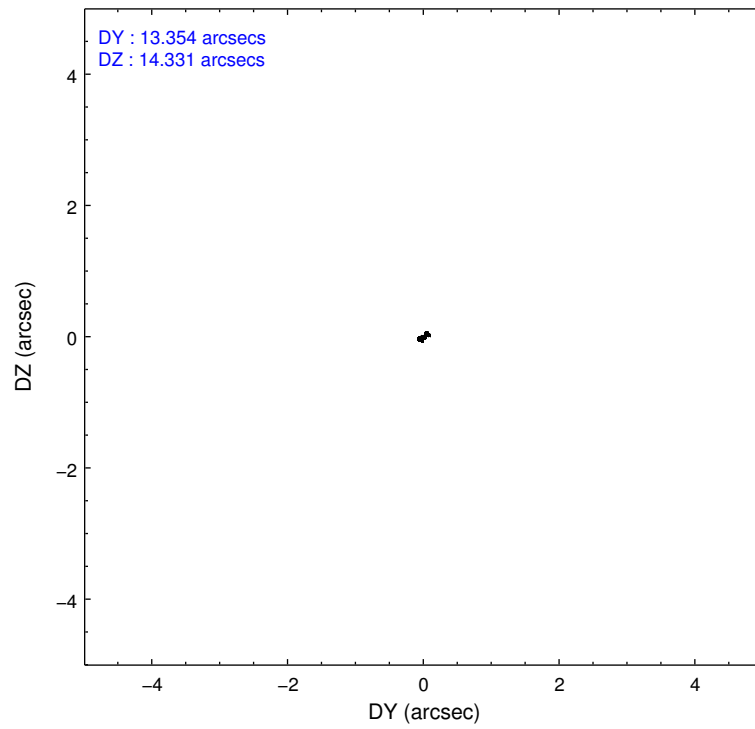
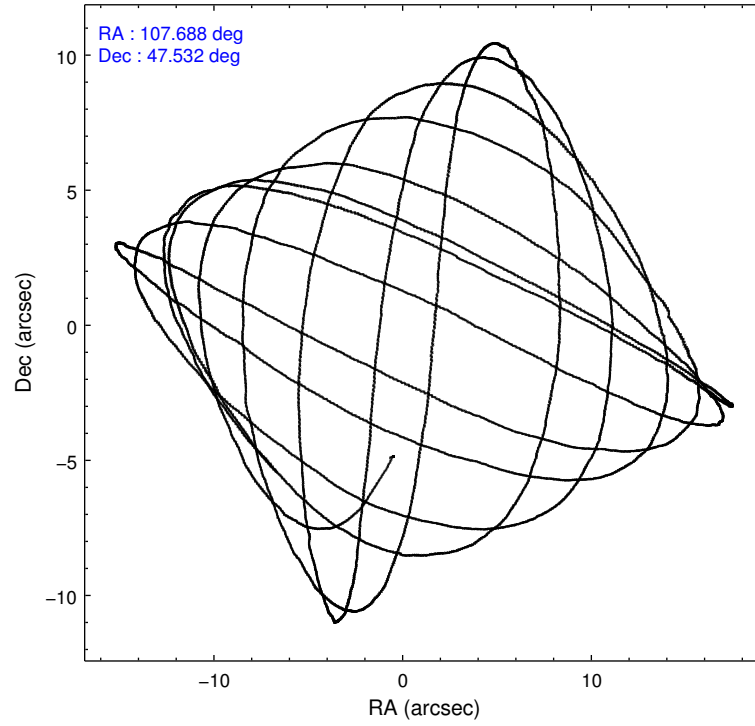
	ccd 7
level 1 events	11531
rejected events	5837
rejected %	50%

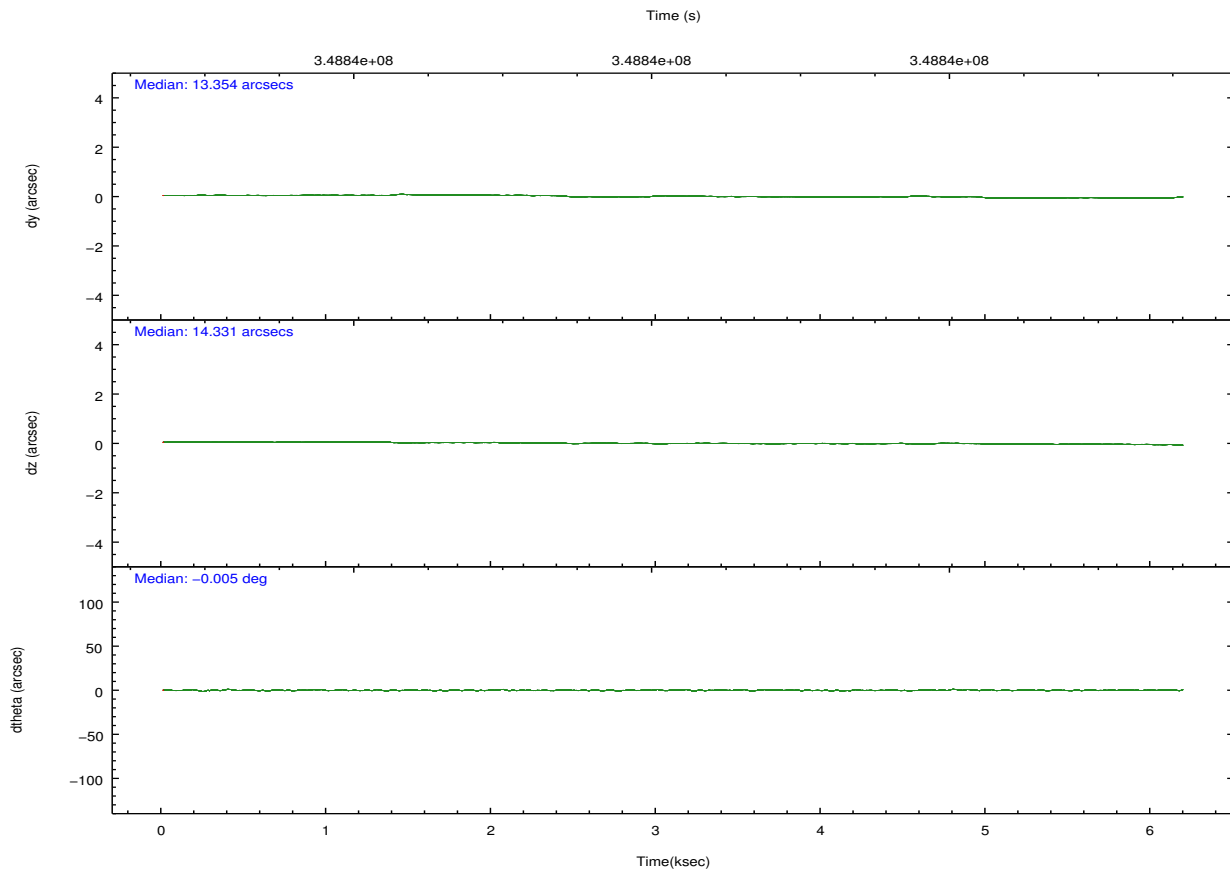
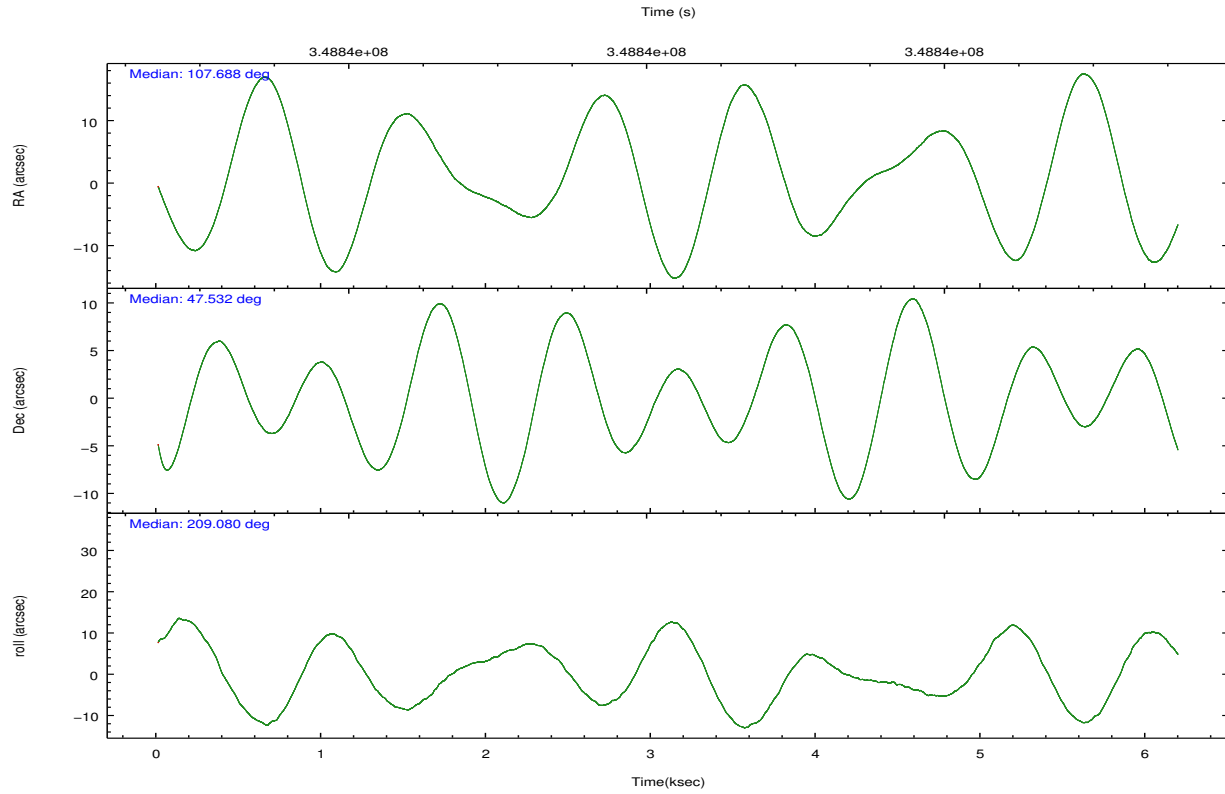
	ccd 7
grade 0 events	659
	5%
grade 1 events	13
	0%
grade 2 events	1127
	9%
grade 3 events	717
	6%
grade 4 events	704
	6%
grade 5 events	1006
	8%
grade 6 events	2487
	21%
grade 7 events	4818
	41%

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	107.708906	107.6884787277963	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	47.555838	47.53218748949566	Subarray start row	449	449
[deg] Pointing Roll	208.917833	209.0895426683257	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)	348839242.184000	348838030.16842			
Observation start date	2009-01-20T11:46:16	2009-01-20T11:27:10			
[s] Observation end time (MET)	348845242.184000	348846589.94384			
Observation end date	2009-01-20T13:26:16	2009-01-20T13:49:49			
Read mode	TIMED	TIMED			

2.3 Aspect



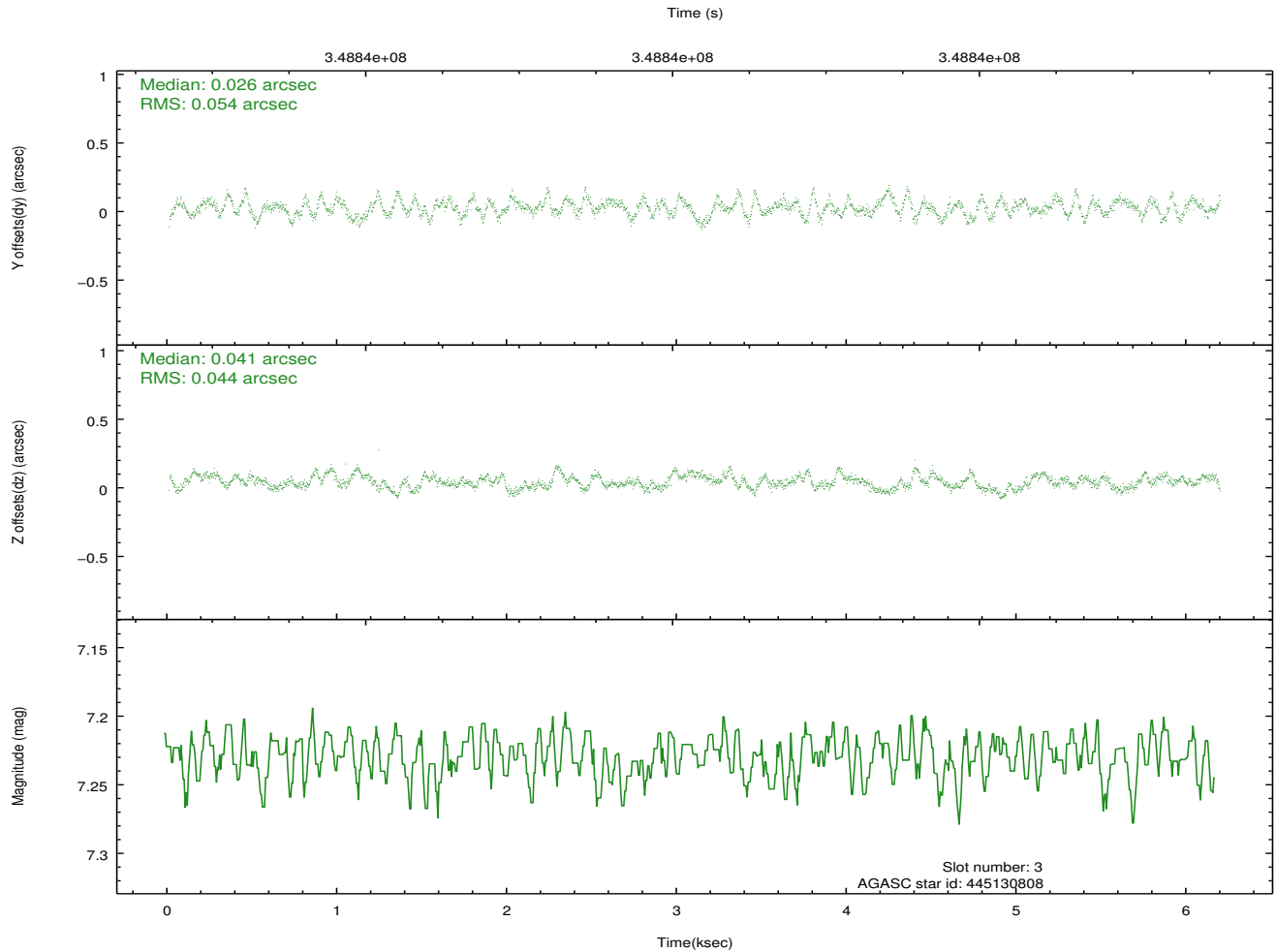
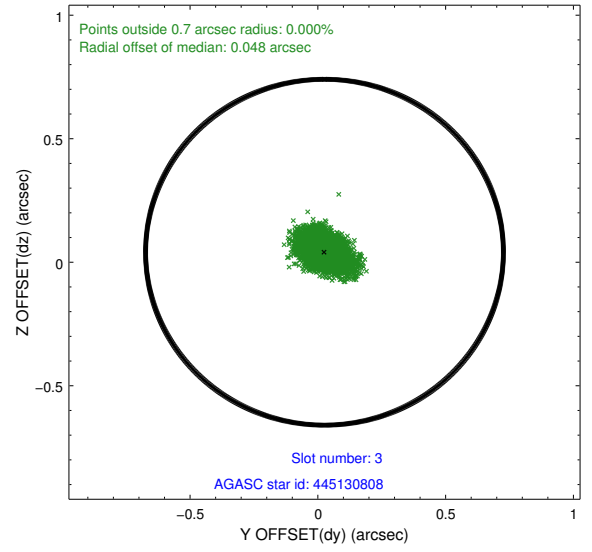
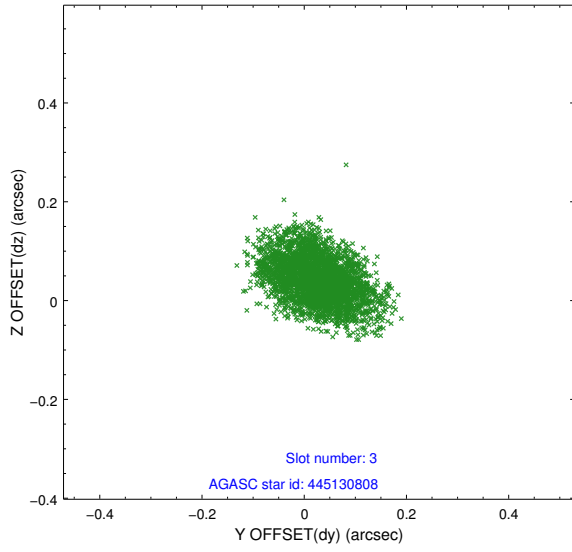


Slot Statistics

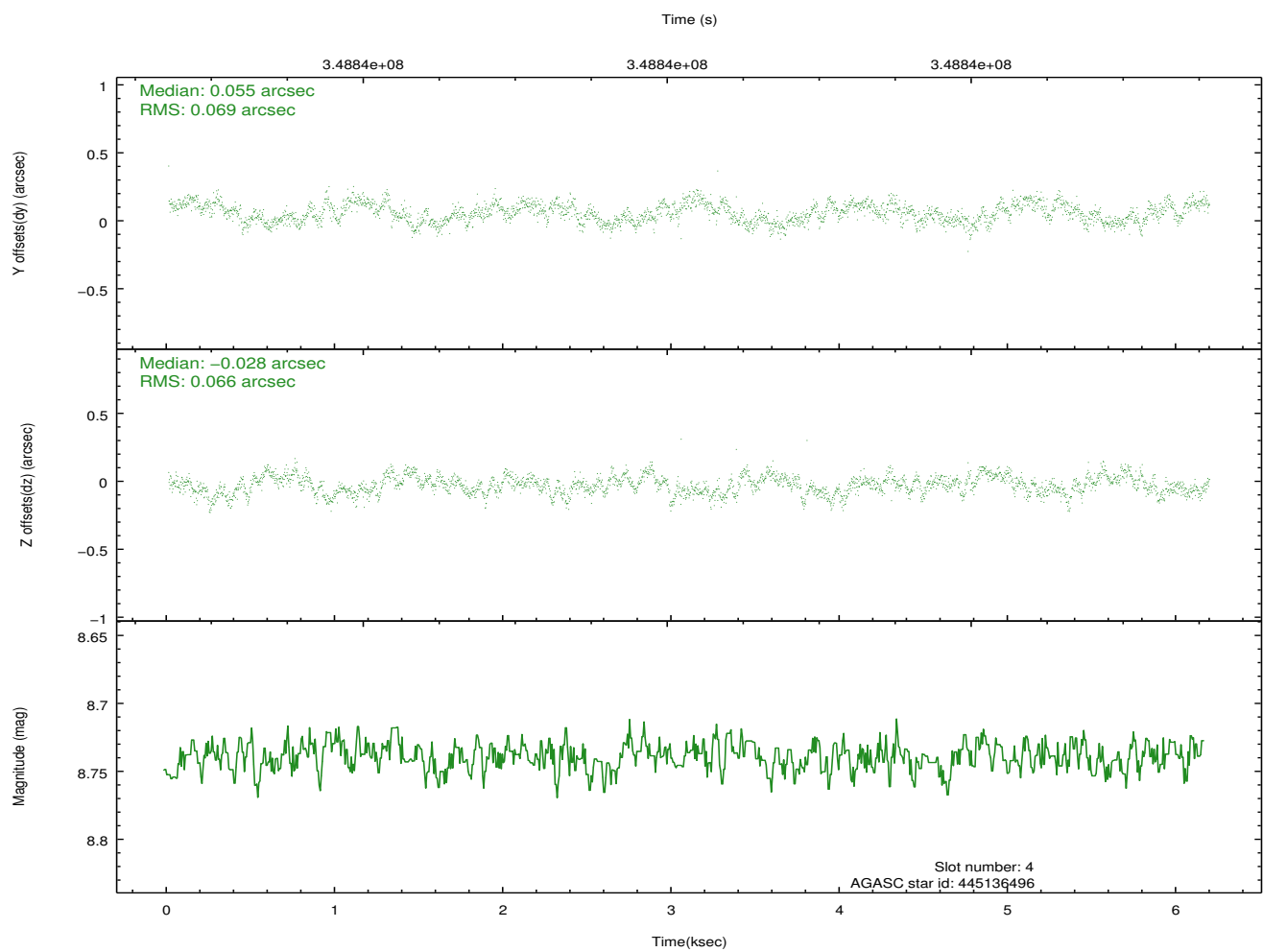
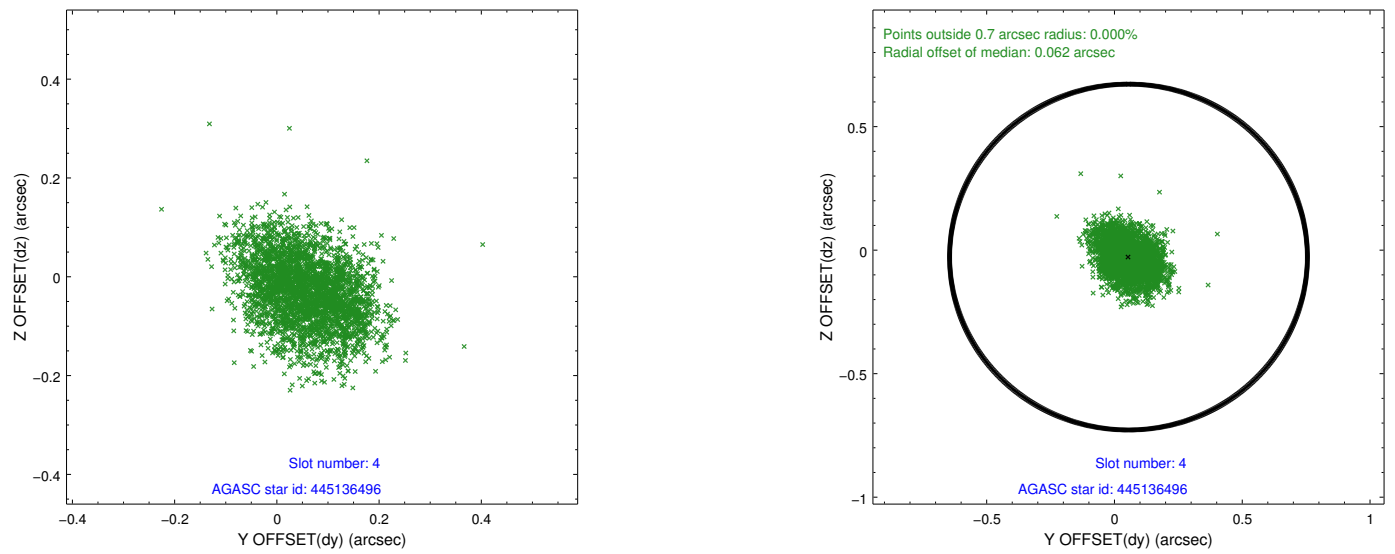
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.95	1510	-0.046	-0.037	0.007	0.012	0.000000	0.000000	-766.32	-1735.74
1	FID	ACIS-S-4	7.03	1510	0.178	0.033	0.006	0.011	0.000000	0.000000	2146.73	171.85
2	FID	ACIS-S-5	7.06	1509	-0.162	0.013	0.007	0.012	0.000000	0.000000	-1818.07	166.55
3	GUIDE	445130808	7.23	3019	0.026	0.041	0.074	0.120	108.405423	47.266746	-990.57	1727.37
4	GUIDE	445136496	8.74	3018	0.055	-0.028	0.102	0.161	106.897543	47.790920	1303.83	-1697.38
5	GUIDE	445136800	8.12	3019	0.030	0.062	0.065	0.105	107.782133	47.910690	-771.59	-1031.37
6	GUIDE	445134984	7.49	3014	-0.051	-0.064	0.076	0.119	107.528284	46.880589	1563.71	1912.62
7	GUIDE	445130792	7.04	3018	-0.071	-0.012	0.075	0.132	108.303783	47.606833	-1354.45	533.94

2.4 Star Slots

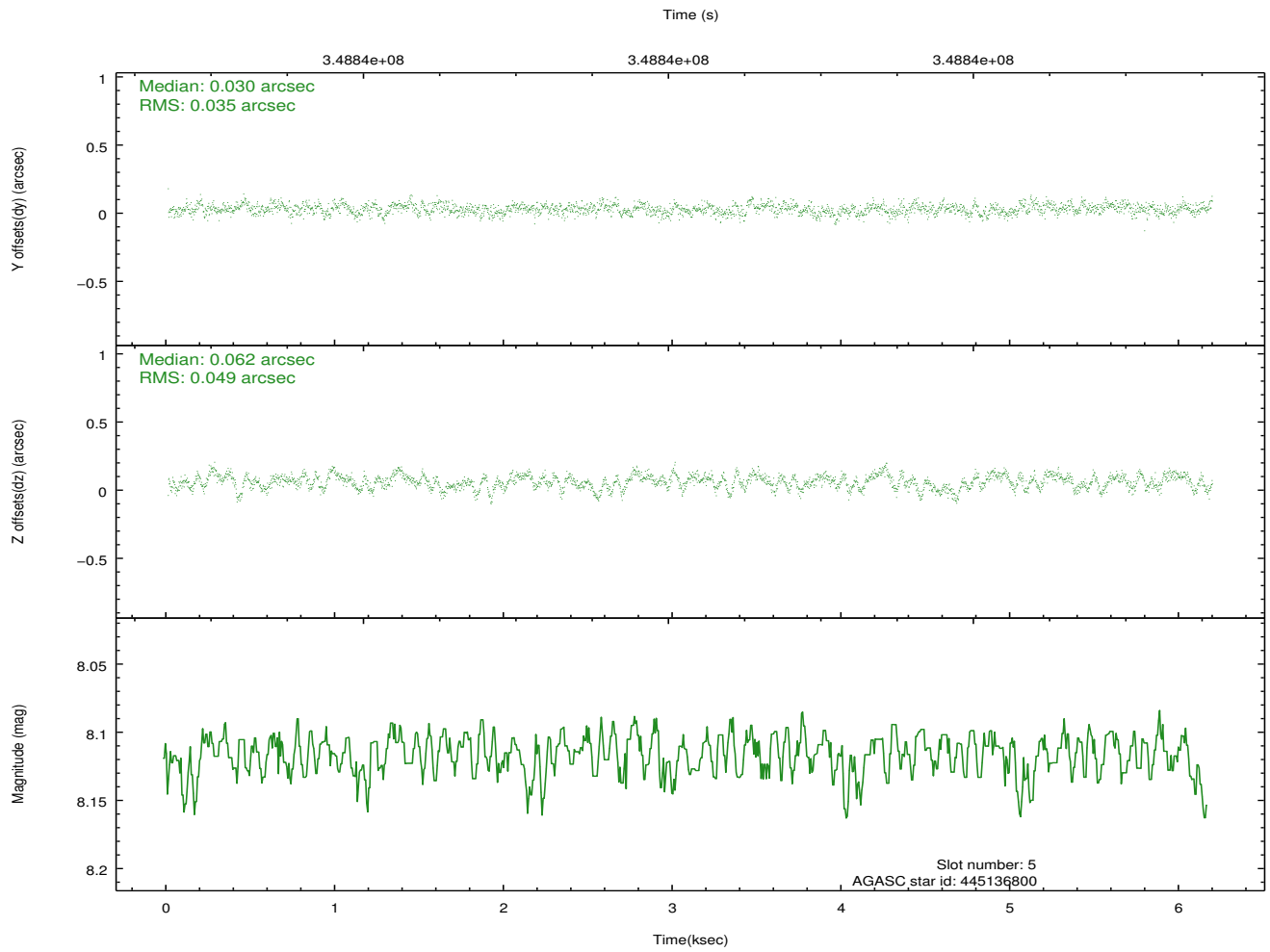
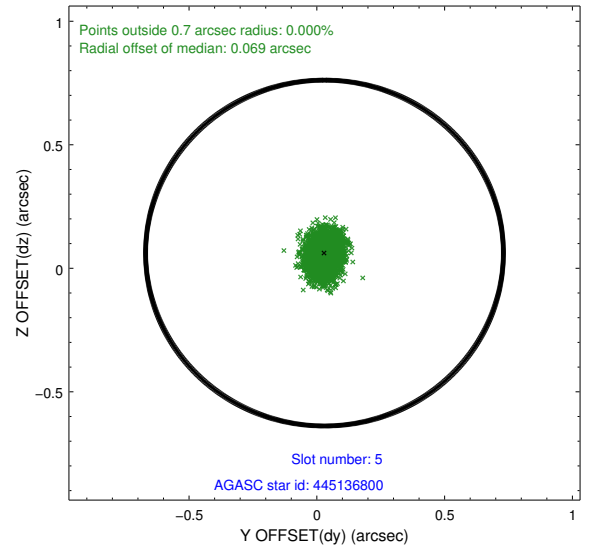
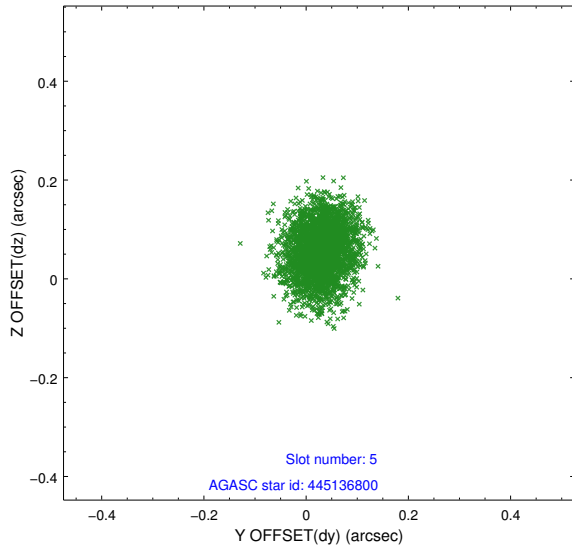
2.4.1 Slot 3



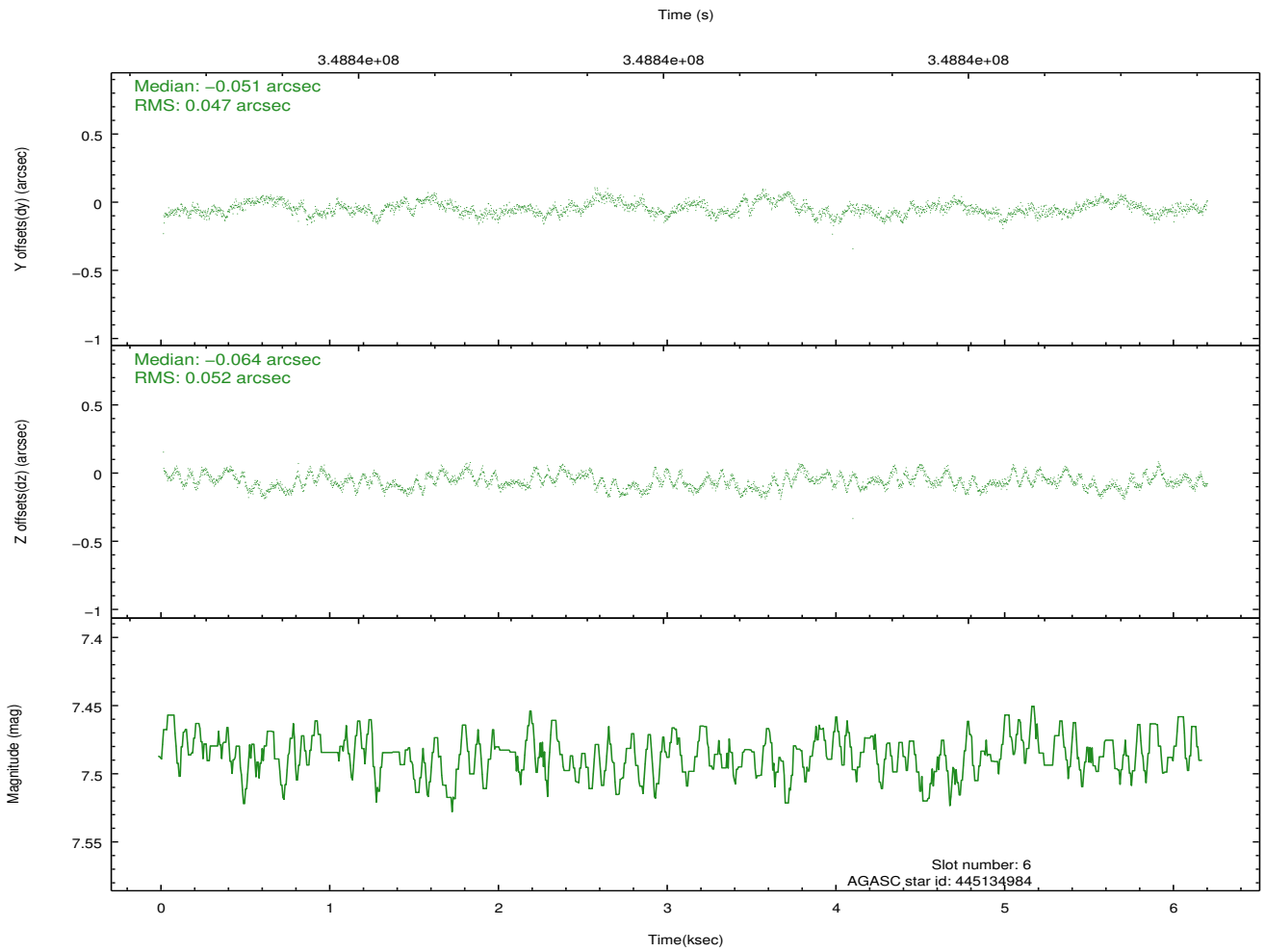
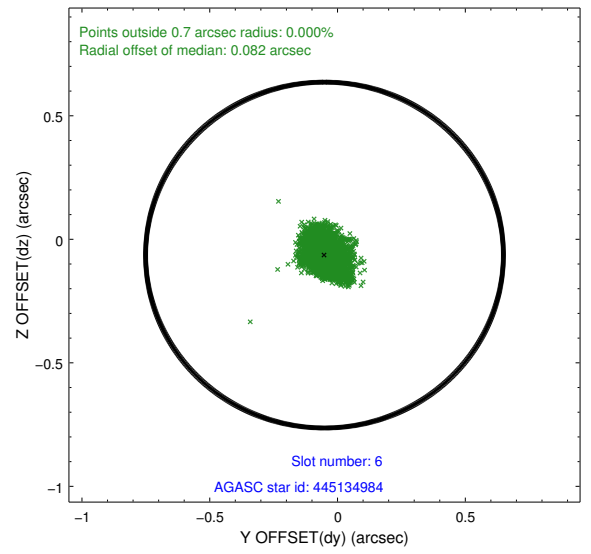
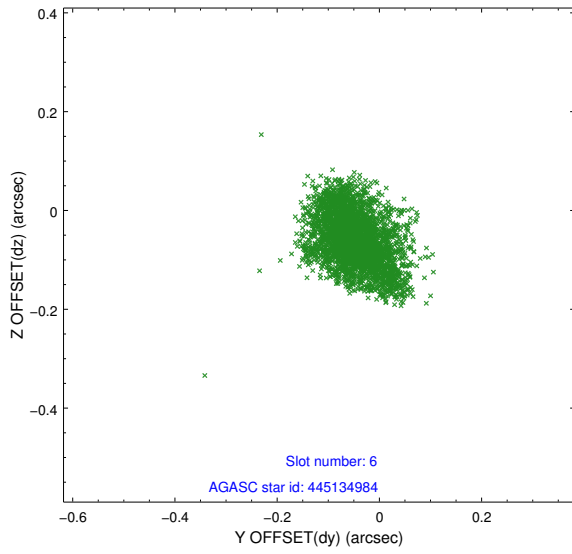
2.4.2 Slot 4



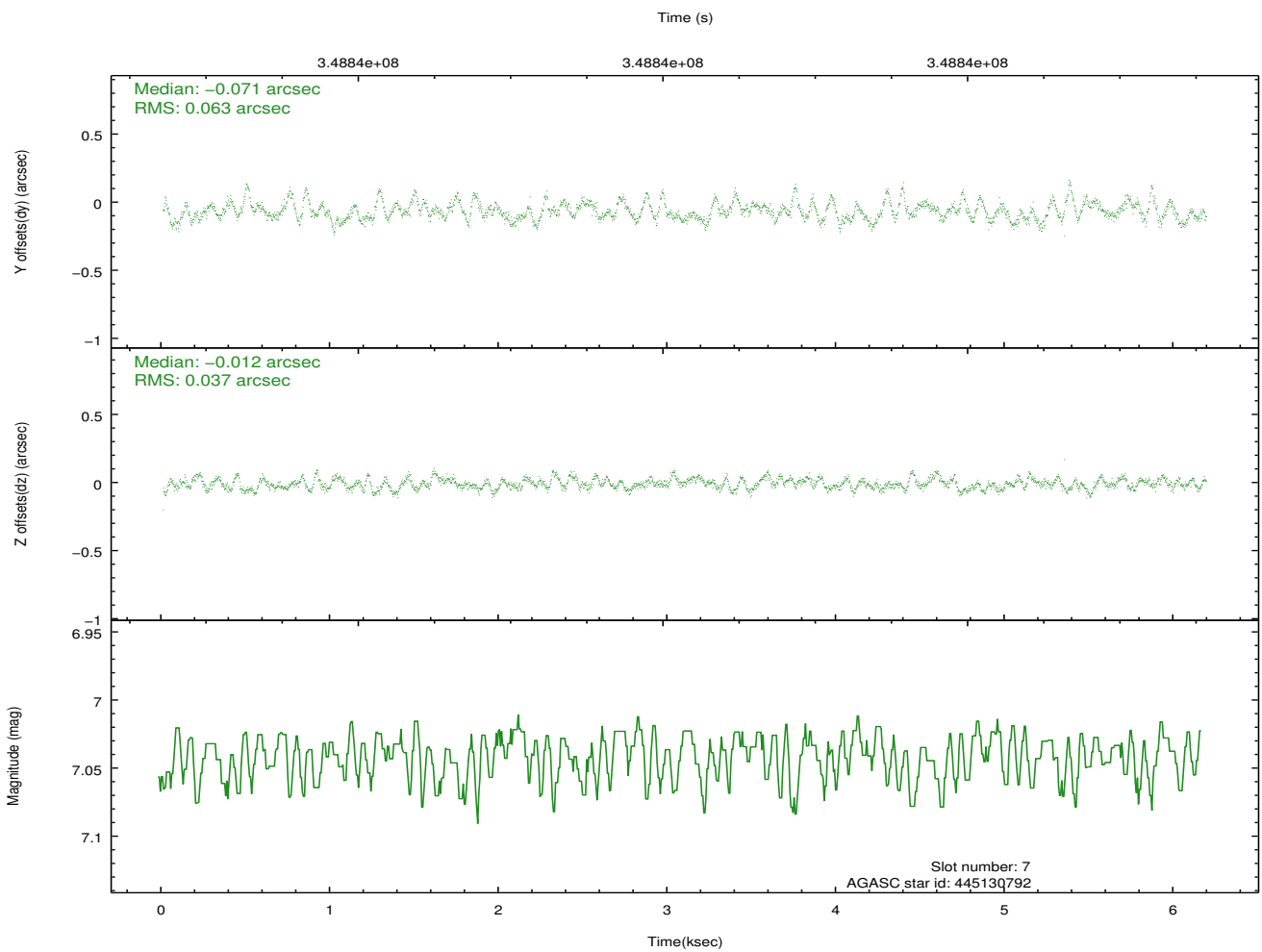
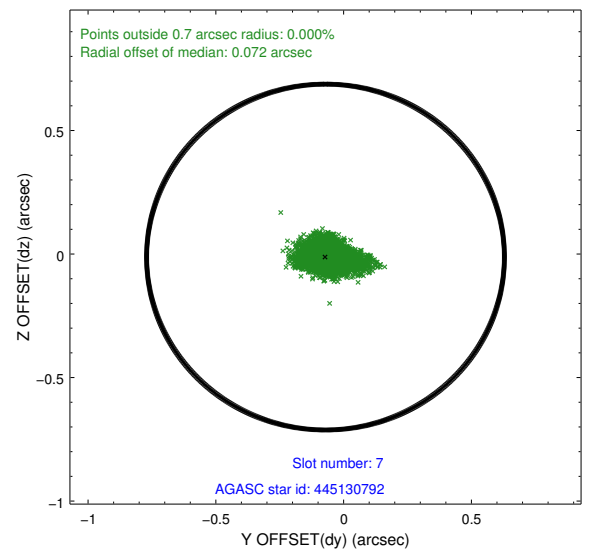
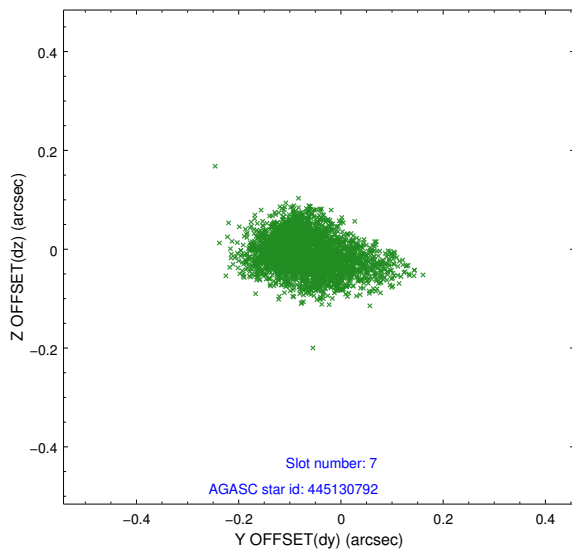
2.4.3 Slot 5



2.4.4 Slot 6

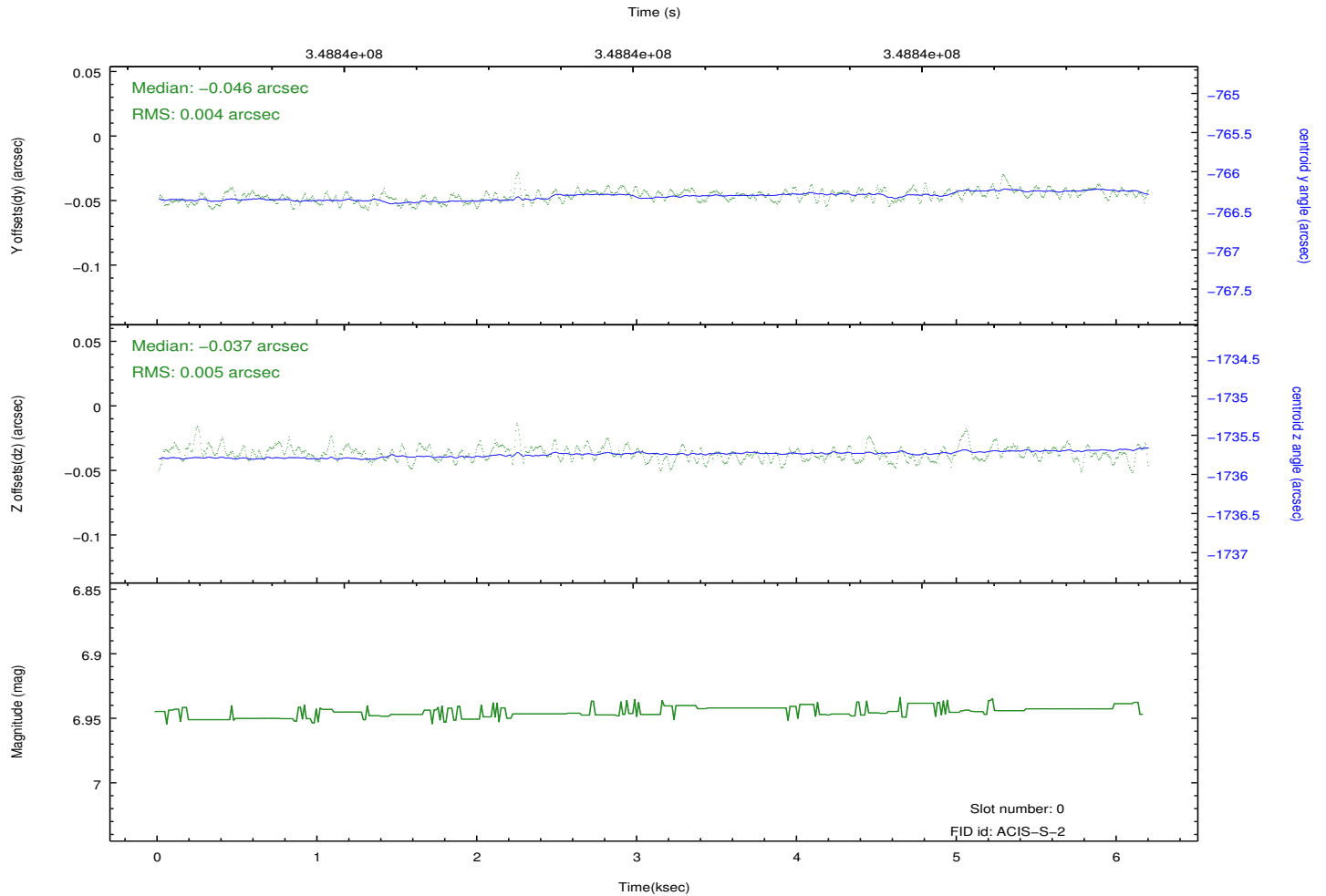
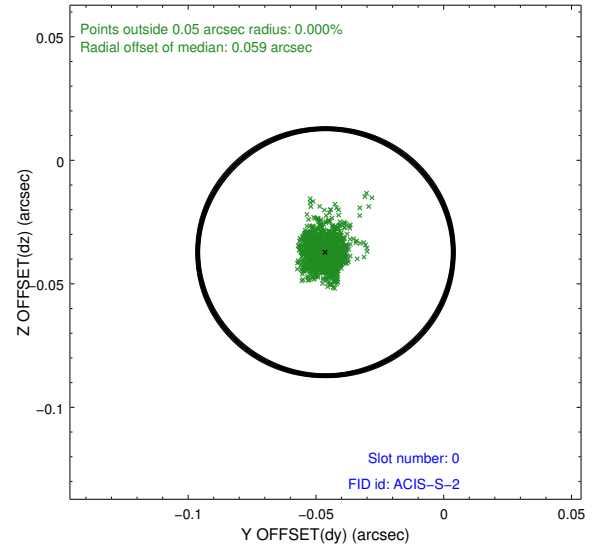
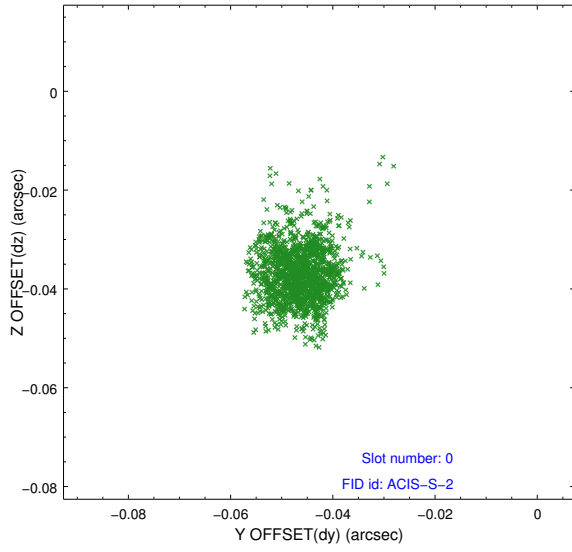


2.4.5 Slot 7

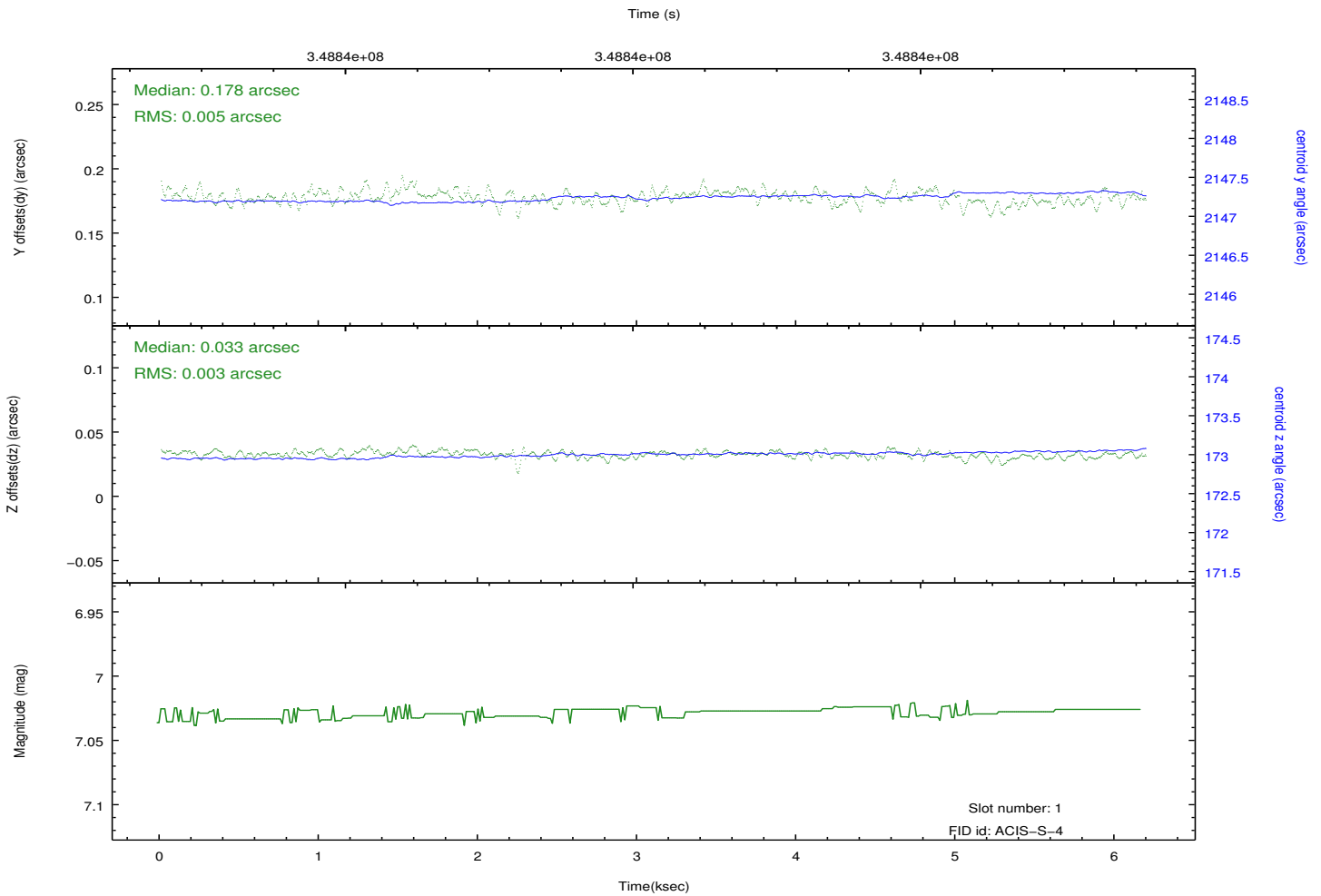
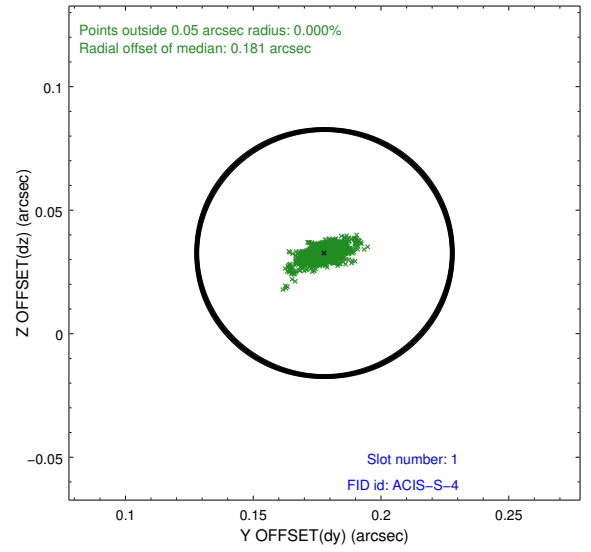
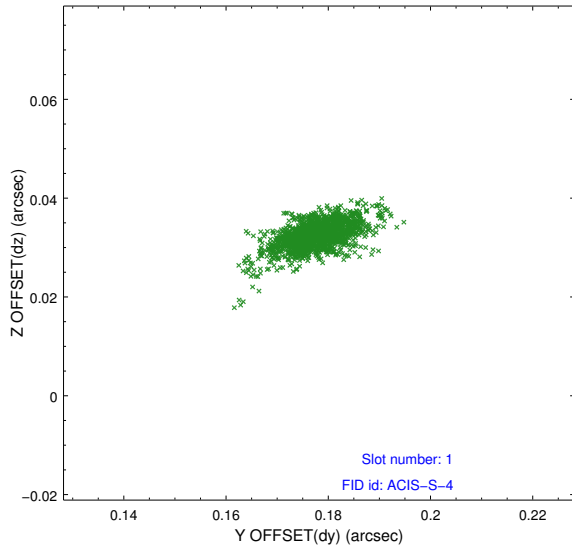


2.5 FID Slots

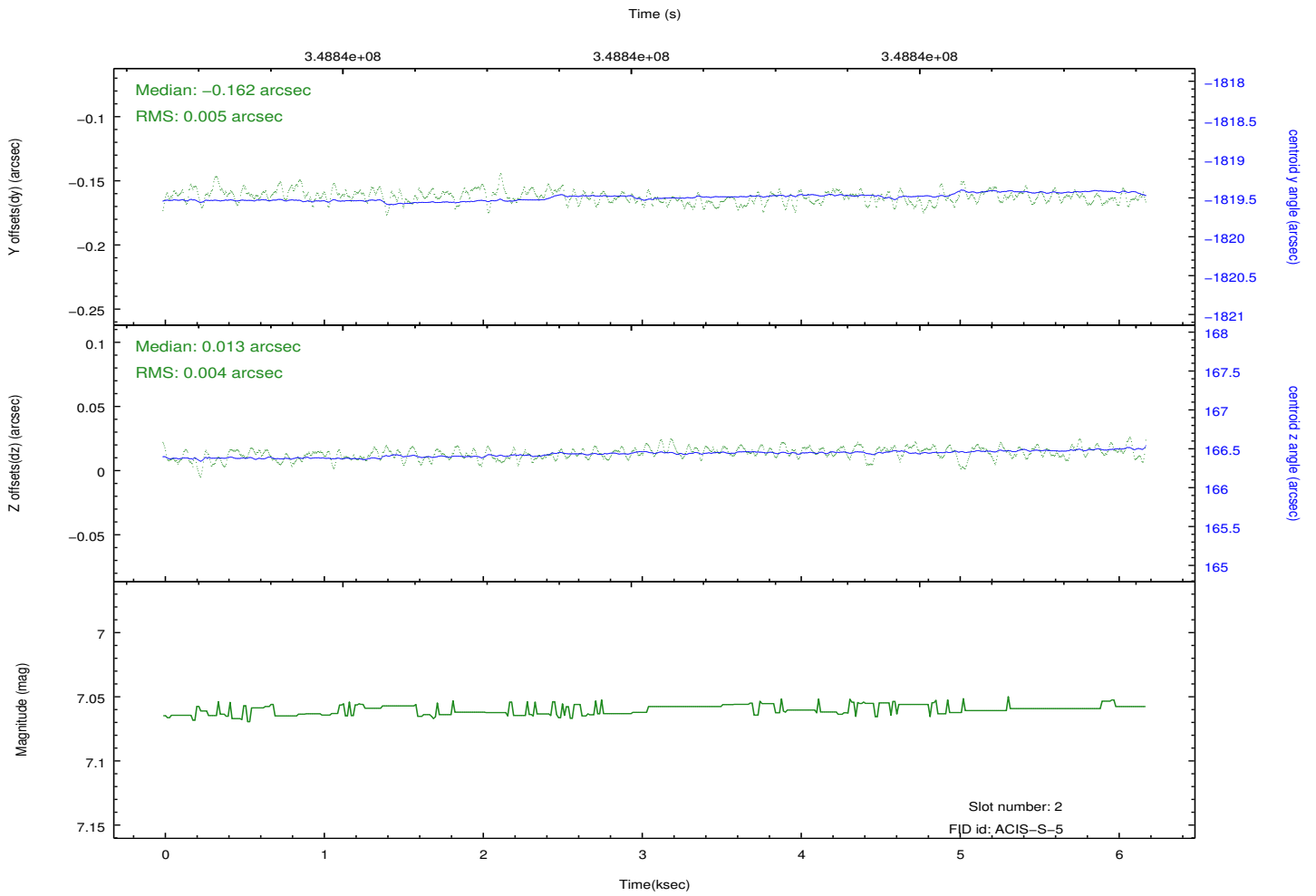
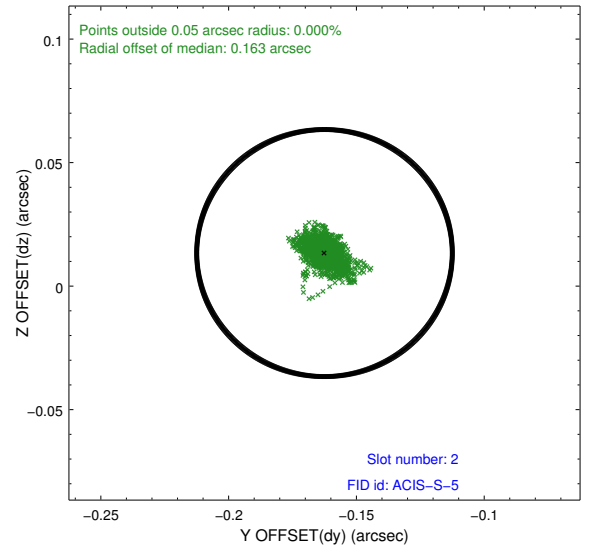
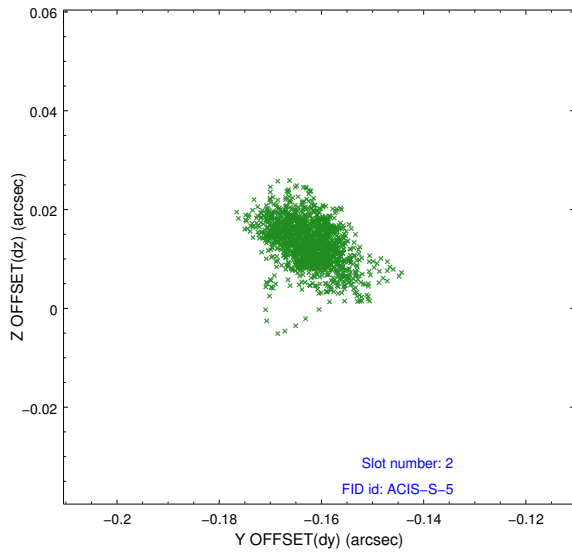
2.5.1 Slot 0



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)	2012.06.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.85399965

A.2 Comments

Joint proposal with HST. Roll preference met.