

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4140 - L2 Version 3
Chandra X-Ray Center

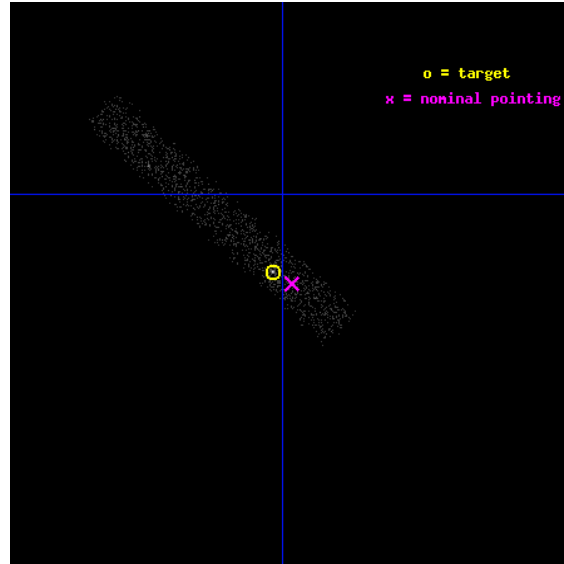
L2 Processing Date : Nov 1 2012

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1 Front

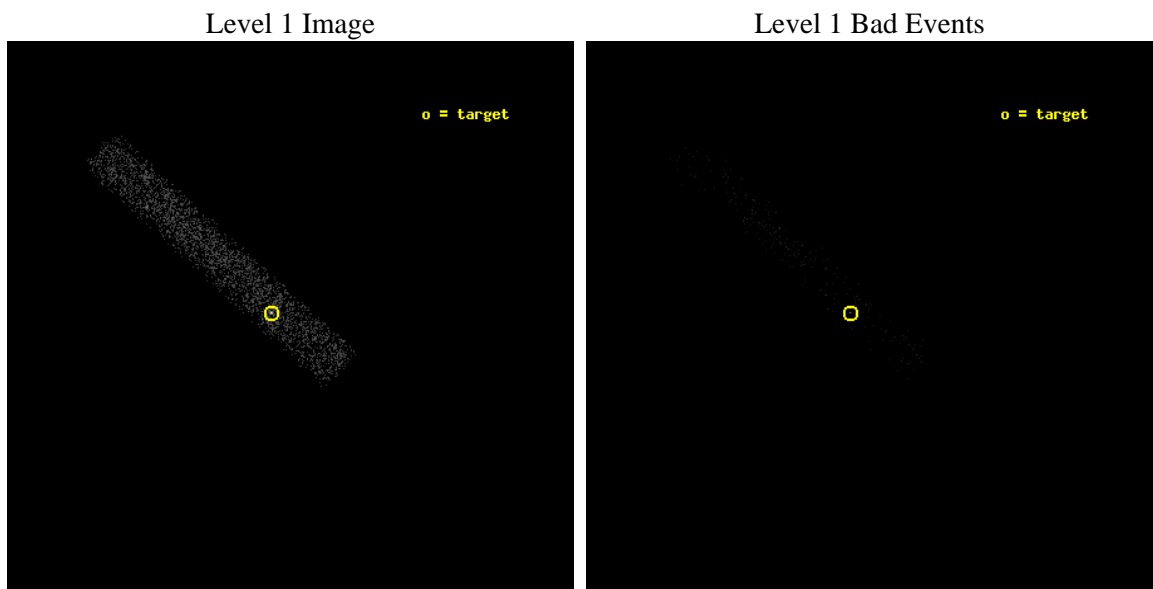
seq_num	700819	Sequence number
obs_id	4140	Observation id
title	CHANDRA OBSERVATIONS OF THE FIRST SAMPLE OF RADIO-LOUD NARROW LINE SEYFERT I GALAXIES	Proposal title
observer	Dr. Sally Laurent-Muehleisen	Principal investigator
object	FIRST J162901+400759	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	247.255417	Observer's specified target RA [deg]
dec_targ	40.133222	Observer's specified target Dec [deg]
ra_nom	247.24470612376	Nominal RA [deg]
dec_nom	40.128141749396	Nominal Dec [deg]
roll_nom	222.03416465288	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3428.0000510514	Sum of GTIs [s]
livetime	3109.0151016247	Livetime [s]
ontime7	3428.0000510514	Sum of GTIs [s]
l2events	2886	Number of level 2 events



2 OBI

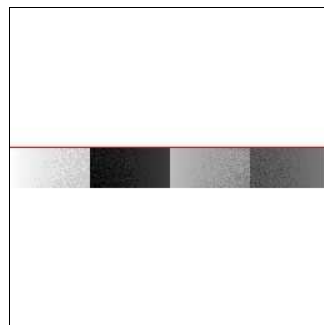
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2967.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	3428.0000510514	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	3428.0000510514	Sum of GTIs [s]
date	2012-11-01T03:32:41	Date and time of file creation	l1events	5443	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

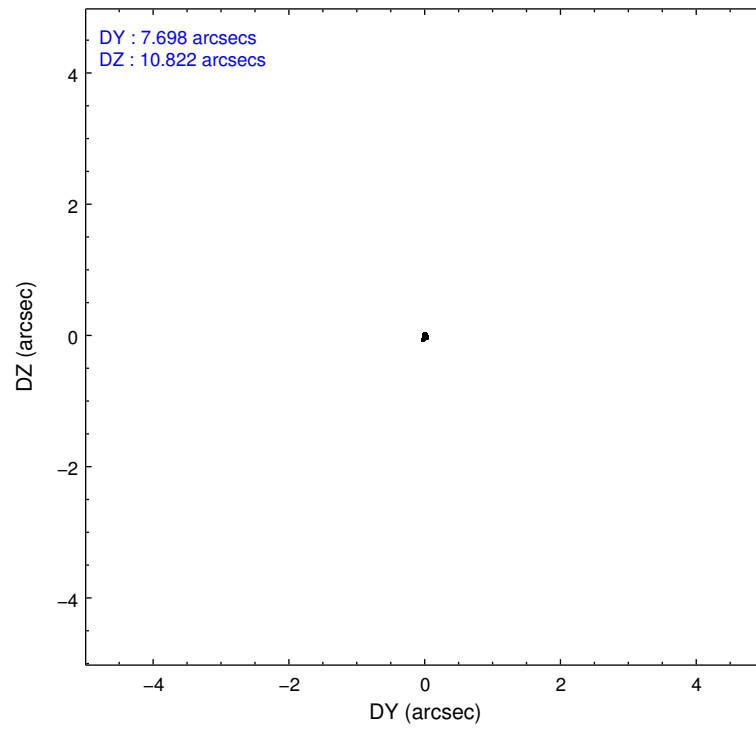
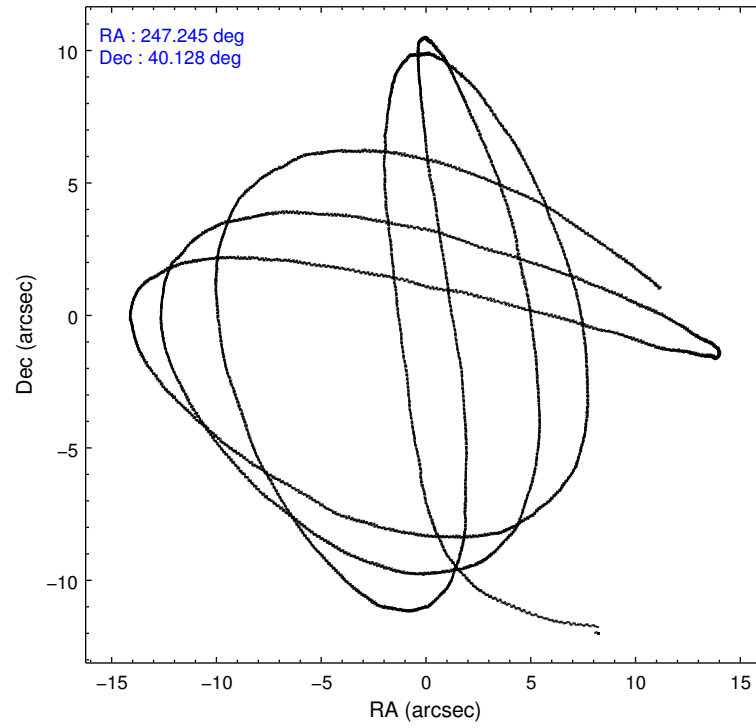
	ccd 7
level 1 events	5443
rejected events	2501
rejected %	45%

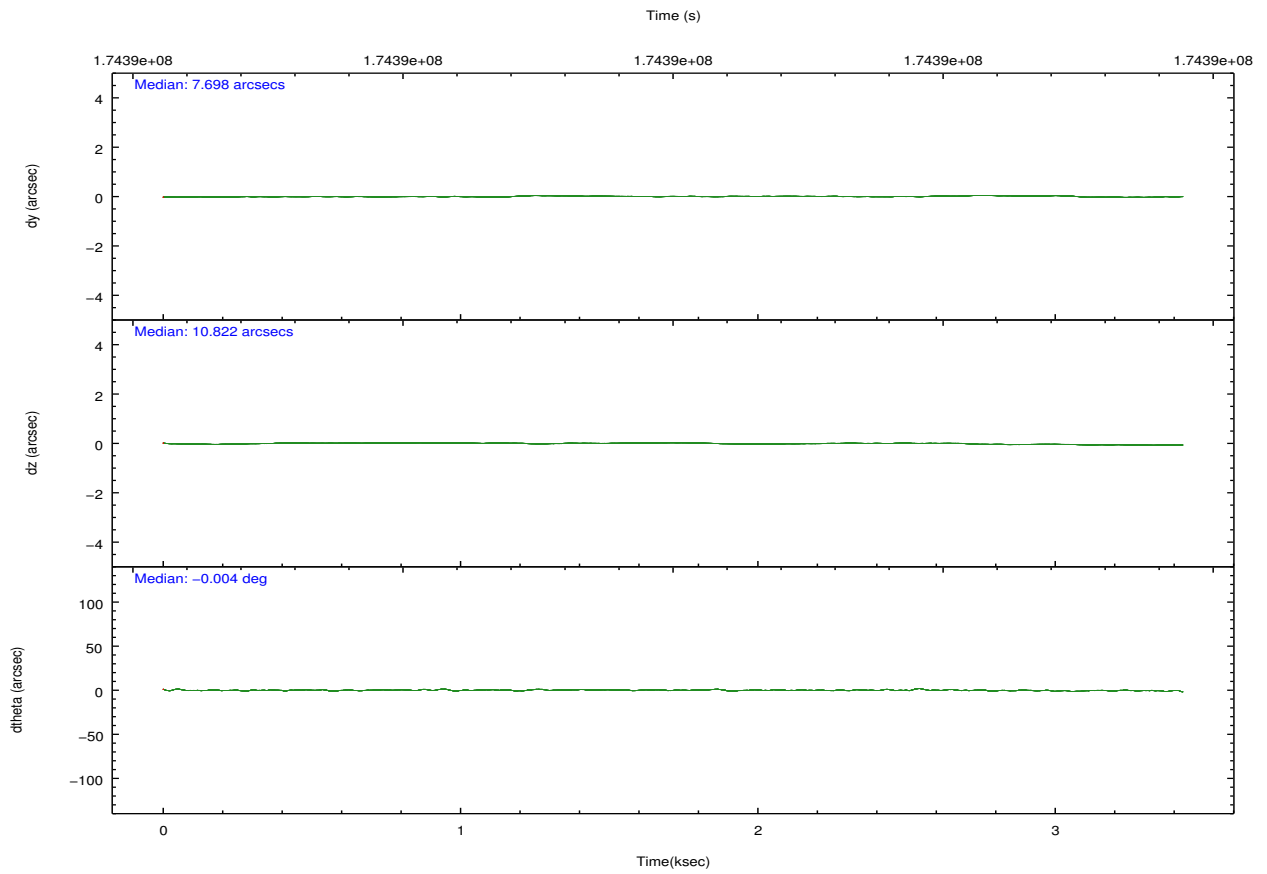
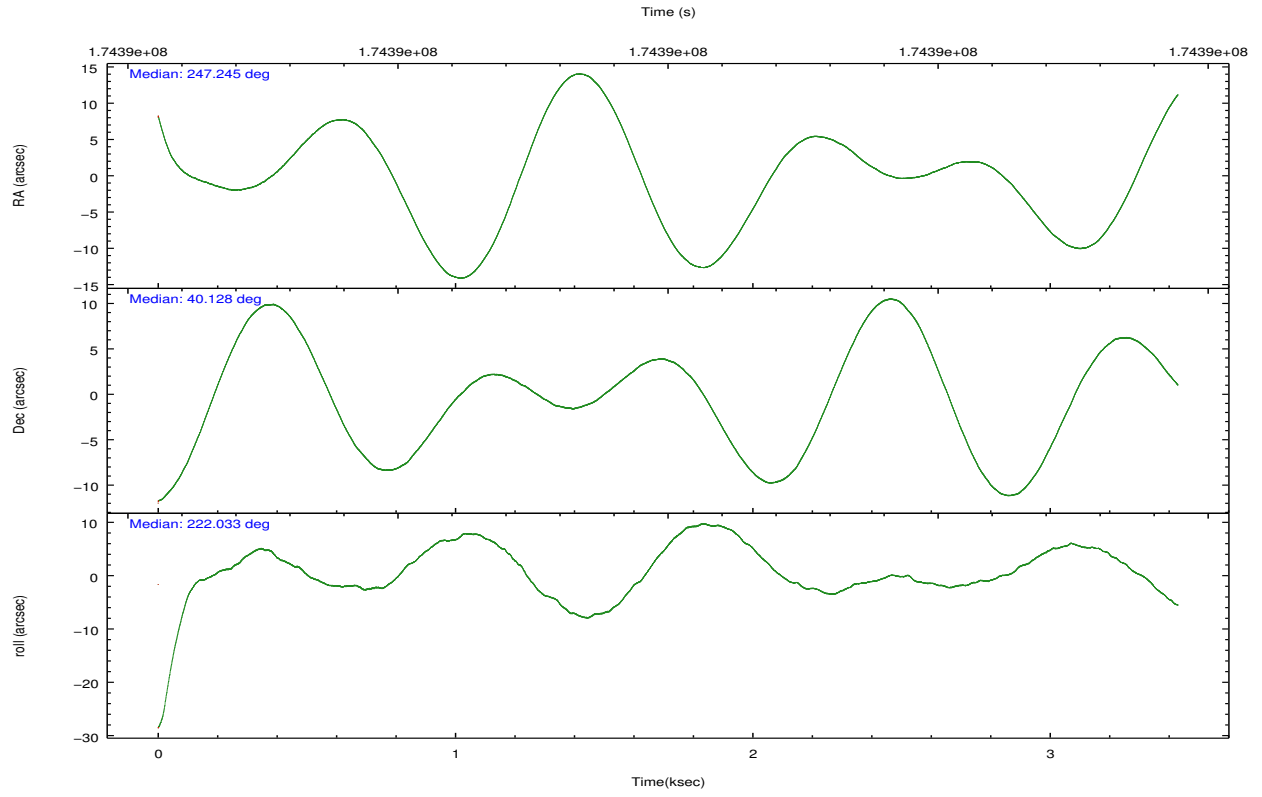
	ccd 7
grade 0 events	980
	18%
grade 1 events	11
	0%
grade 2 events	548
	10%
grade 3 events	343
	6%
grade 4 events	358
	6%
grade 5 events	366
	6%
grade 6 events	914
	16%
grade 7 events	1923
	35%

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	247.255214	247.244706123759	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	40.154122	40.12814174939578	Subarray start row	449	449
[deg] Pointing Roll	221.870830	222.0341646528822	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)	174386750.184000	174385651.93113			
Observation start date	2003-07-12T08:44:46	2003-07-12T08:27:31			
[s] Observation end time (MET)	174389717.184000	174390416.13133			
Observation end date	2003-07-12T09:34:13	2003-07-12T09:46:56			
Read mode	TIMED	TIMED			

2.3 Aspect



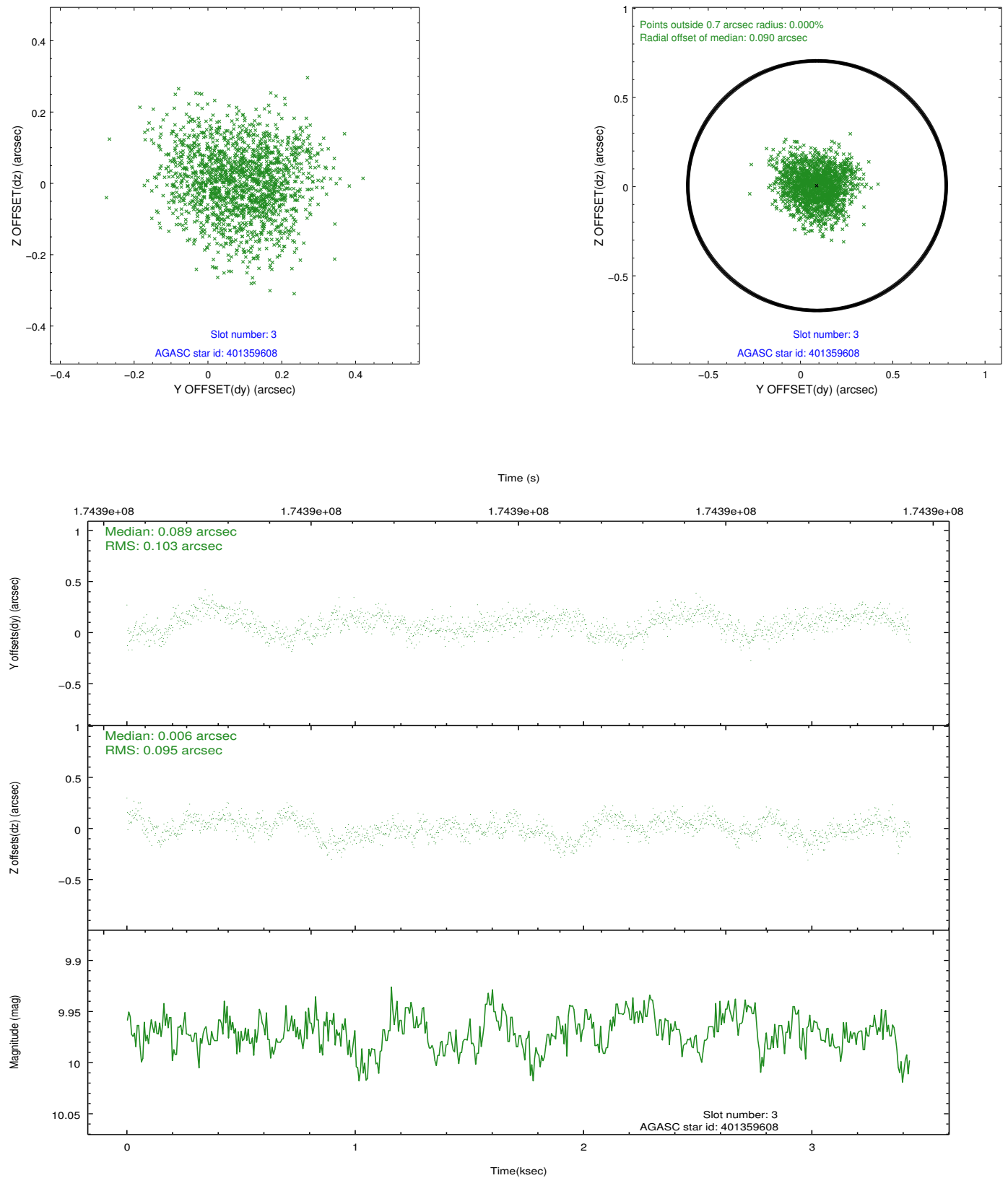


Slot Statistics

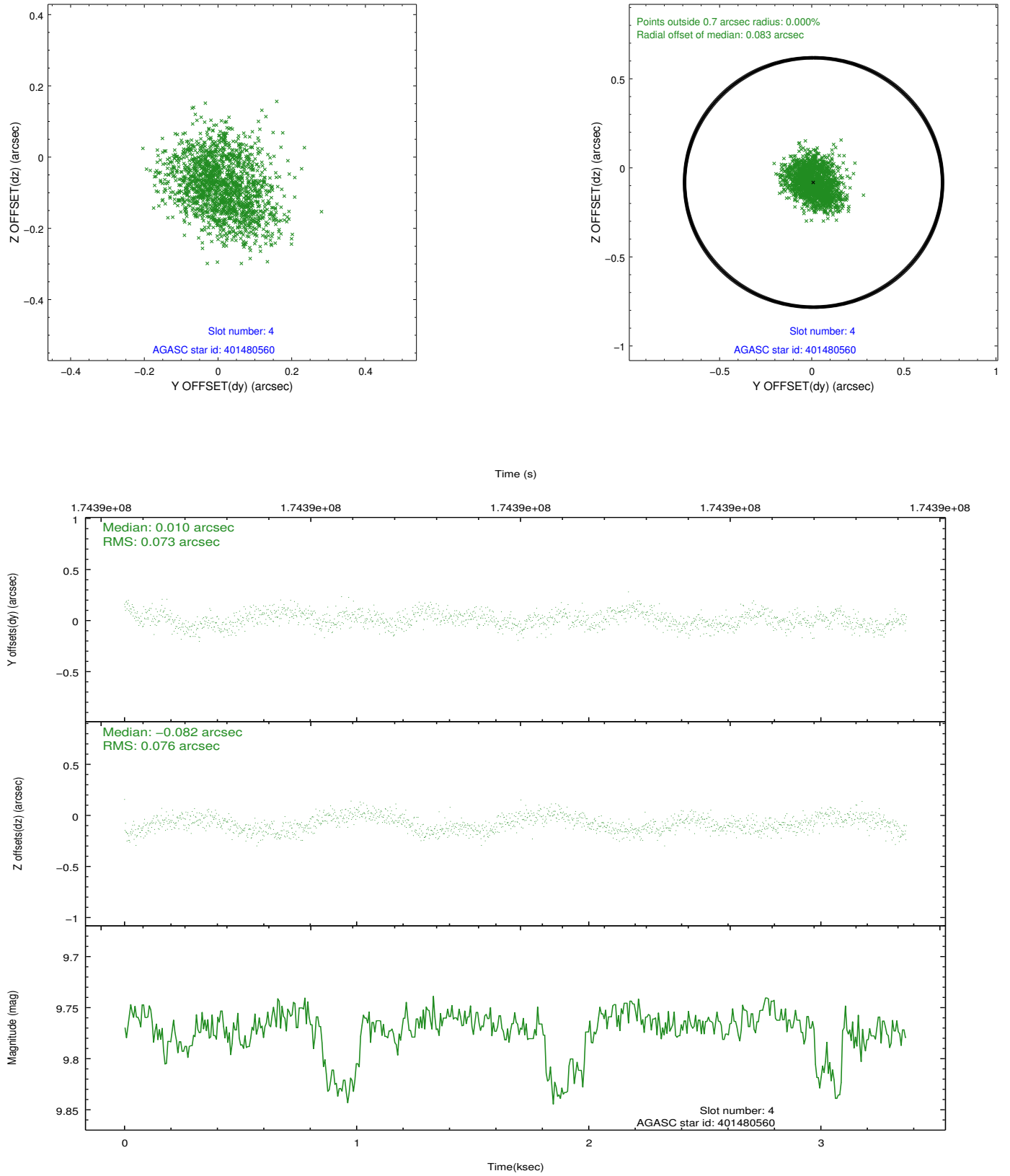
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	837	0.016	-0.062	0.008	0.013	0.000000	0.000000	935.55	-1727.79
1	FID	ACIS-S-2	7.10	837	-0.071	-0.002	0.006	0.010	0.000000	0.000000	-759.41	-1734.15
2	FID	ACIS-S-4	7.20	837	0.030	0.069	0.006	0.010	0.000000	0.000000	2152.00	174.58
3	GUIDE	401359608	9.97	1674	0.089	0.006	0.154	0.237	246.605613	39.978868	1751.64	-730.98
4	GUIDE	401480560	9.77	1642	0.010	-0.082	0.113	0.181	246.896626	39.730877	1756.24	470.19
5	GUIDE	401481984	8.70	1674	0.012	-0.005	0.067	0.105	247.136950	39.776672	1151.90	793.67
6	GUIDE	401482200	9.90	1672	-0.029	0.068	0.134	0.203	247.528025	39.601967	763.48	1985.12
7	GUIDE	401877520	8.47	1673	-0.078	0.017	0.073	0.120	247.833314	40.456560	-1908.62	243.66

2.4 Star Slots

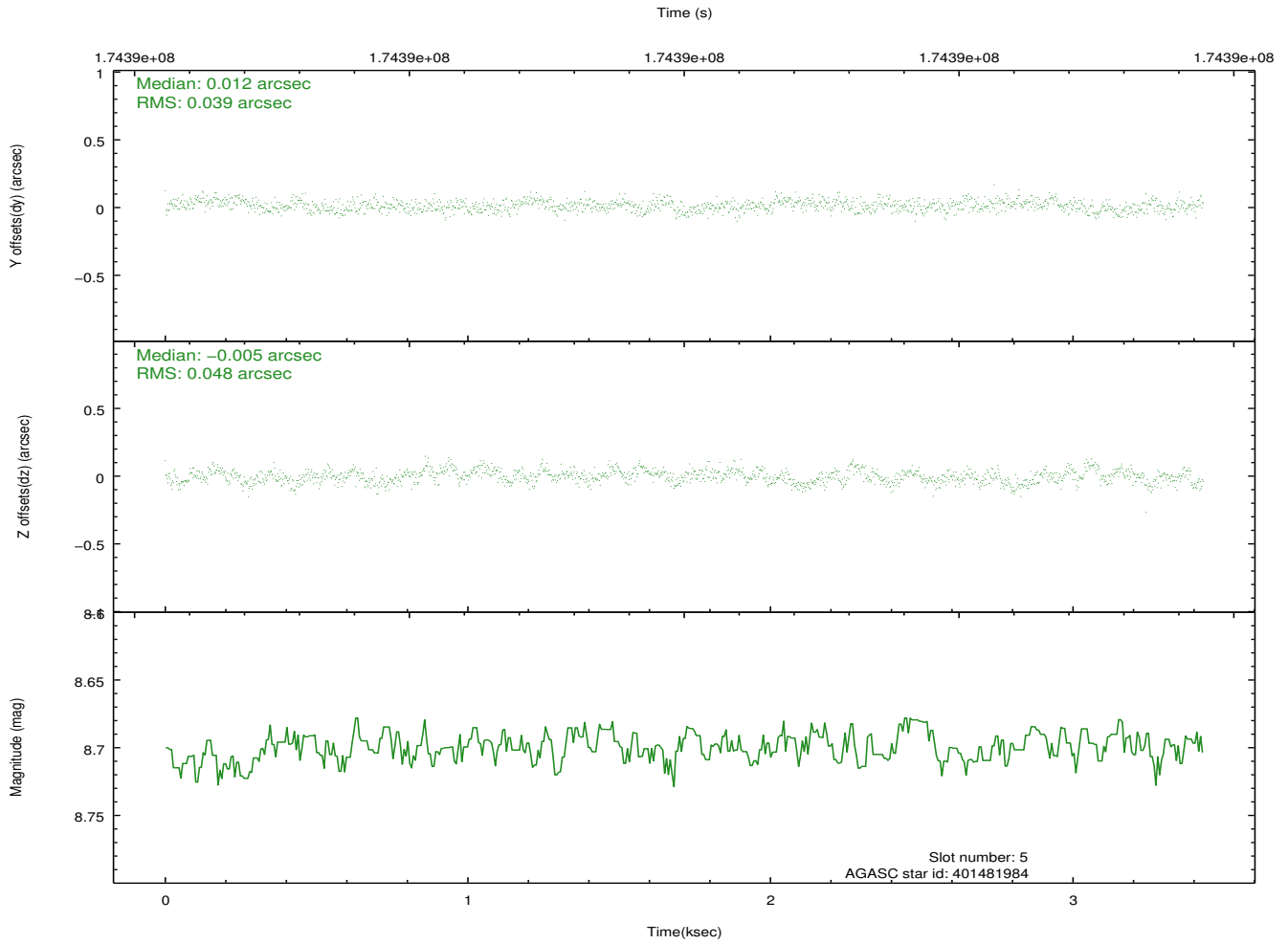
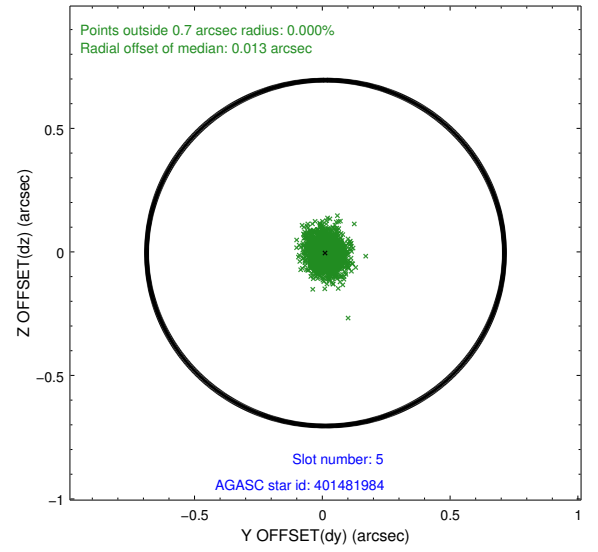
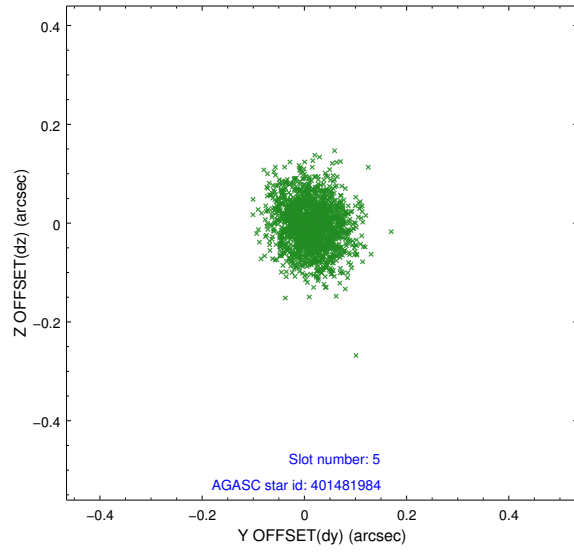
2.4.1 Slot 3



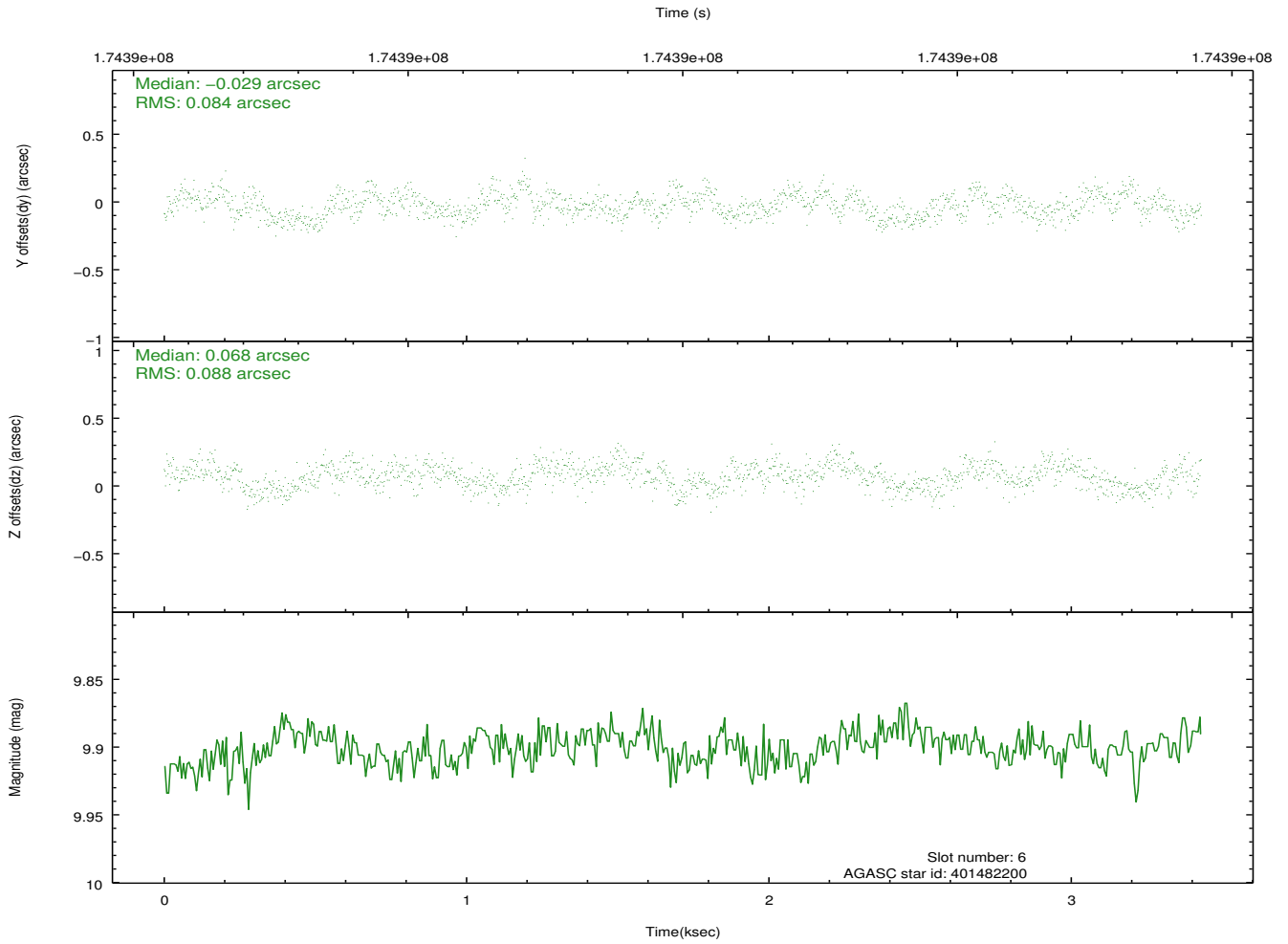
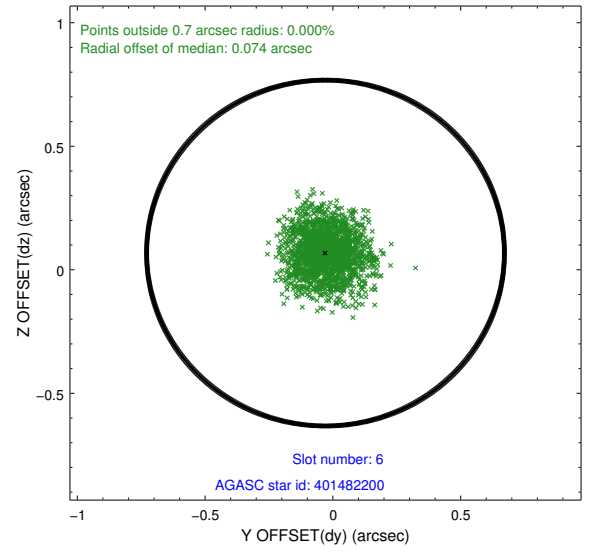
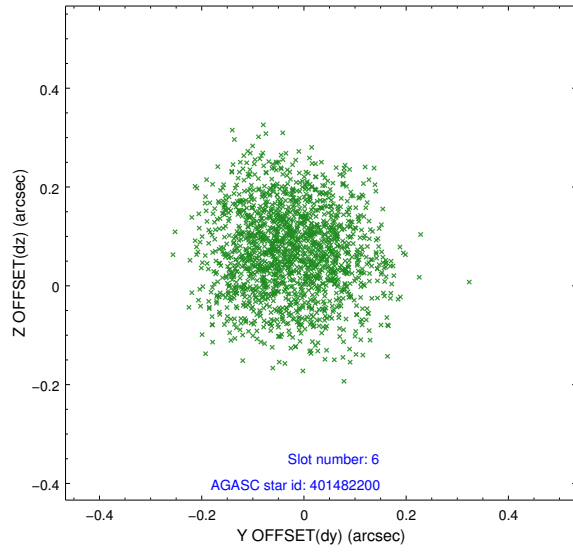
2.4.2 Slot 4



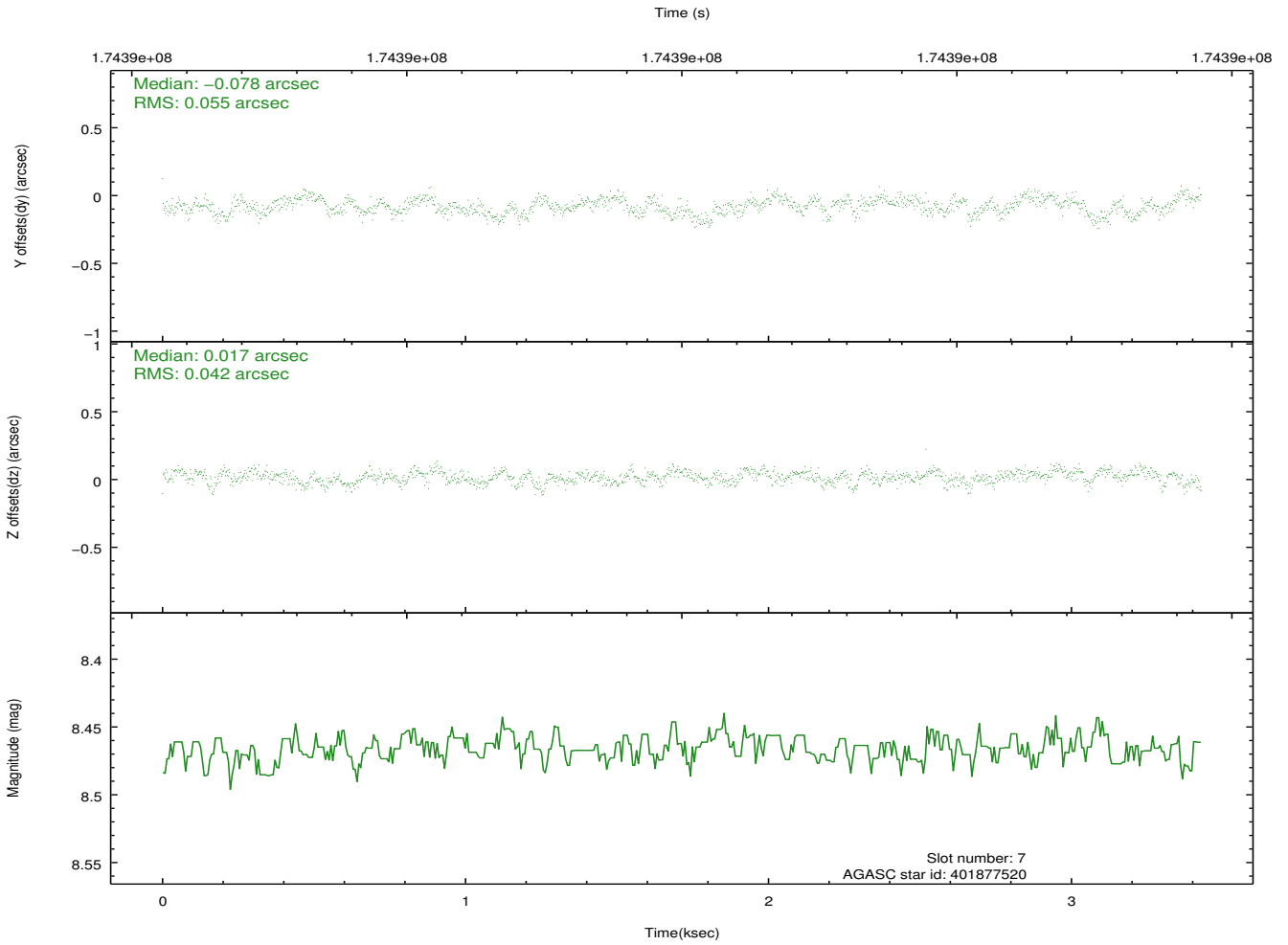
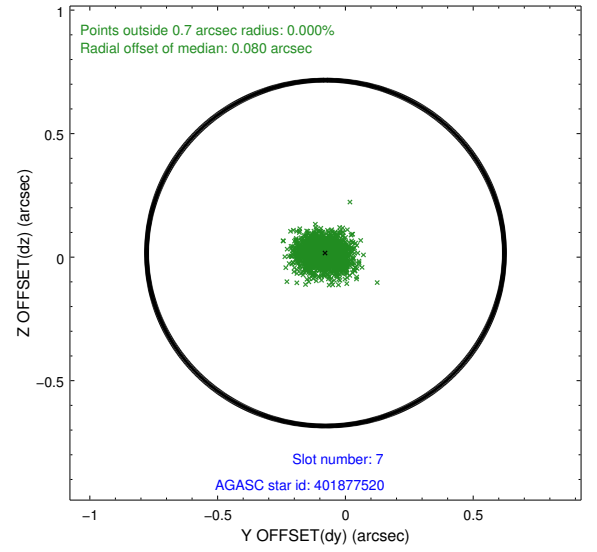
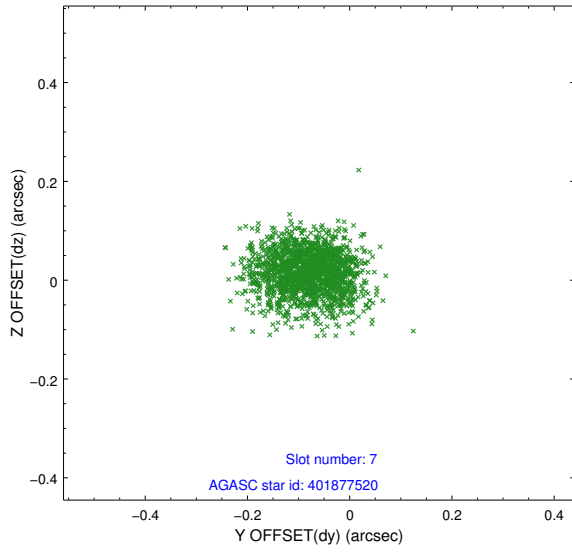
2.4.3 Slot 5



2.4.4 Slot 6

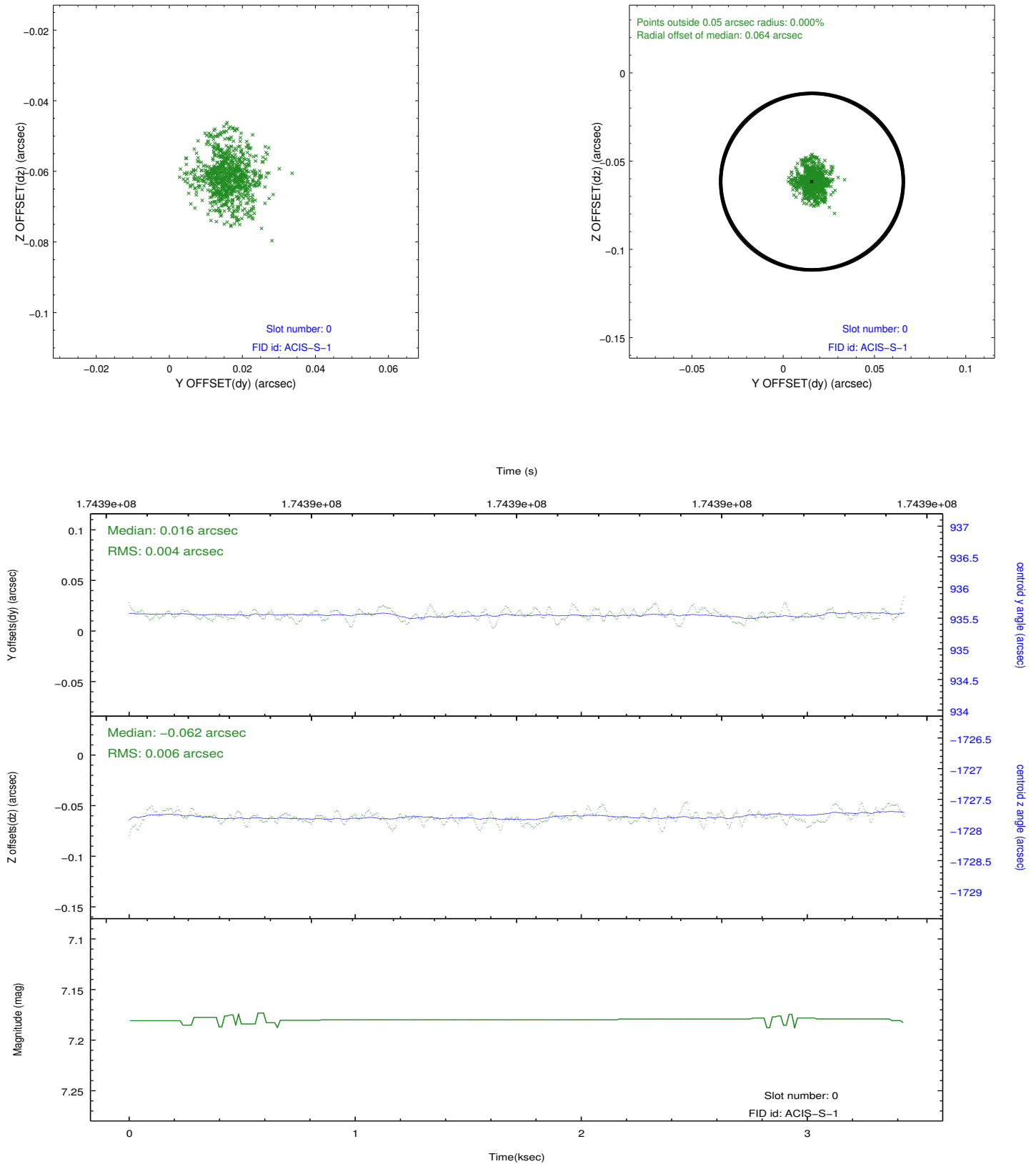


2.4.5 Slot 7

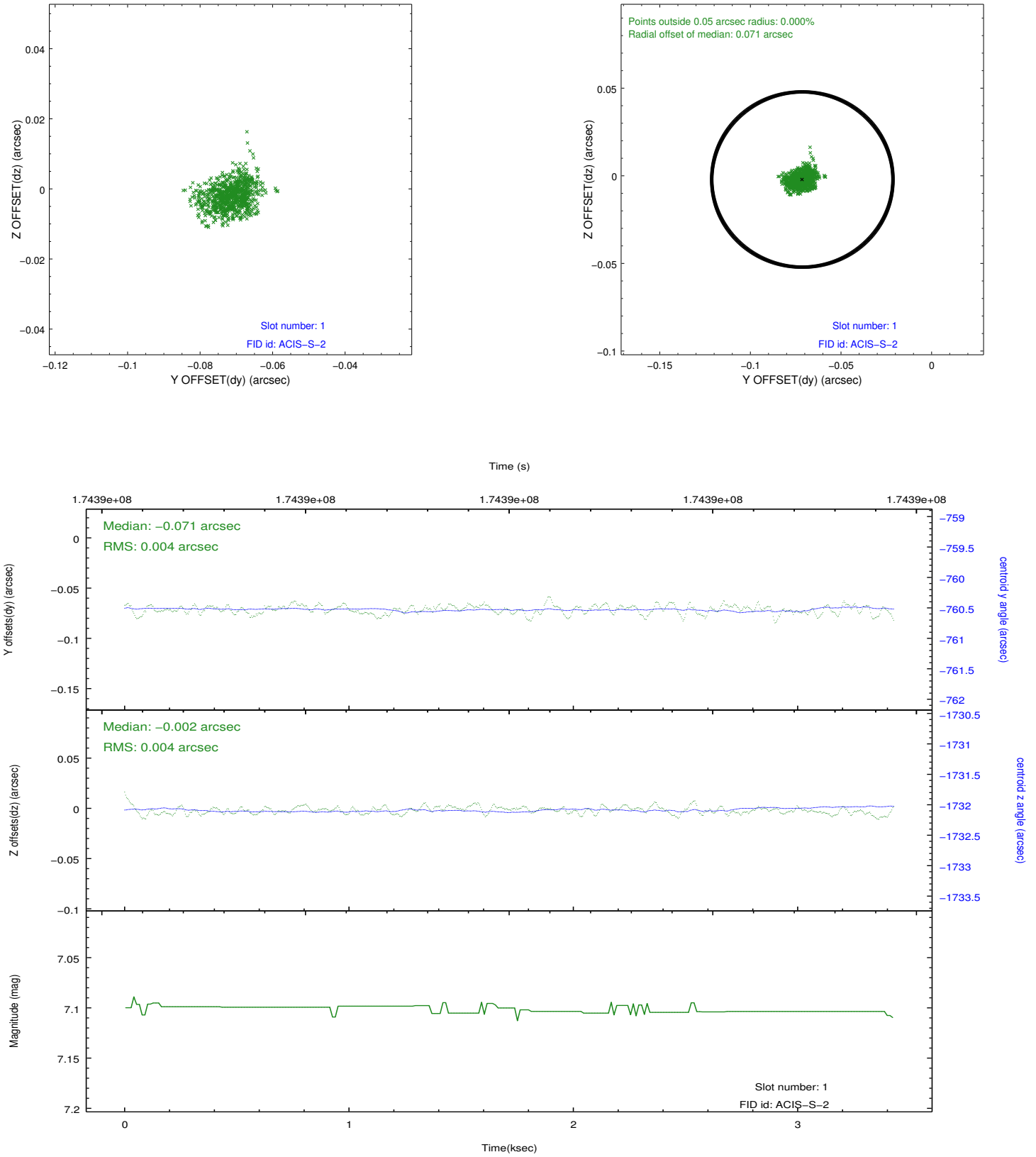


2.5 FID Slots

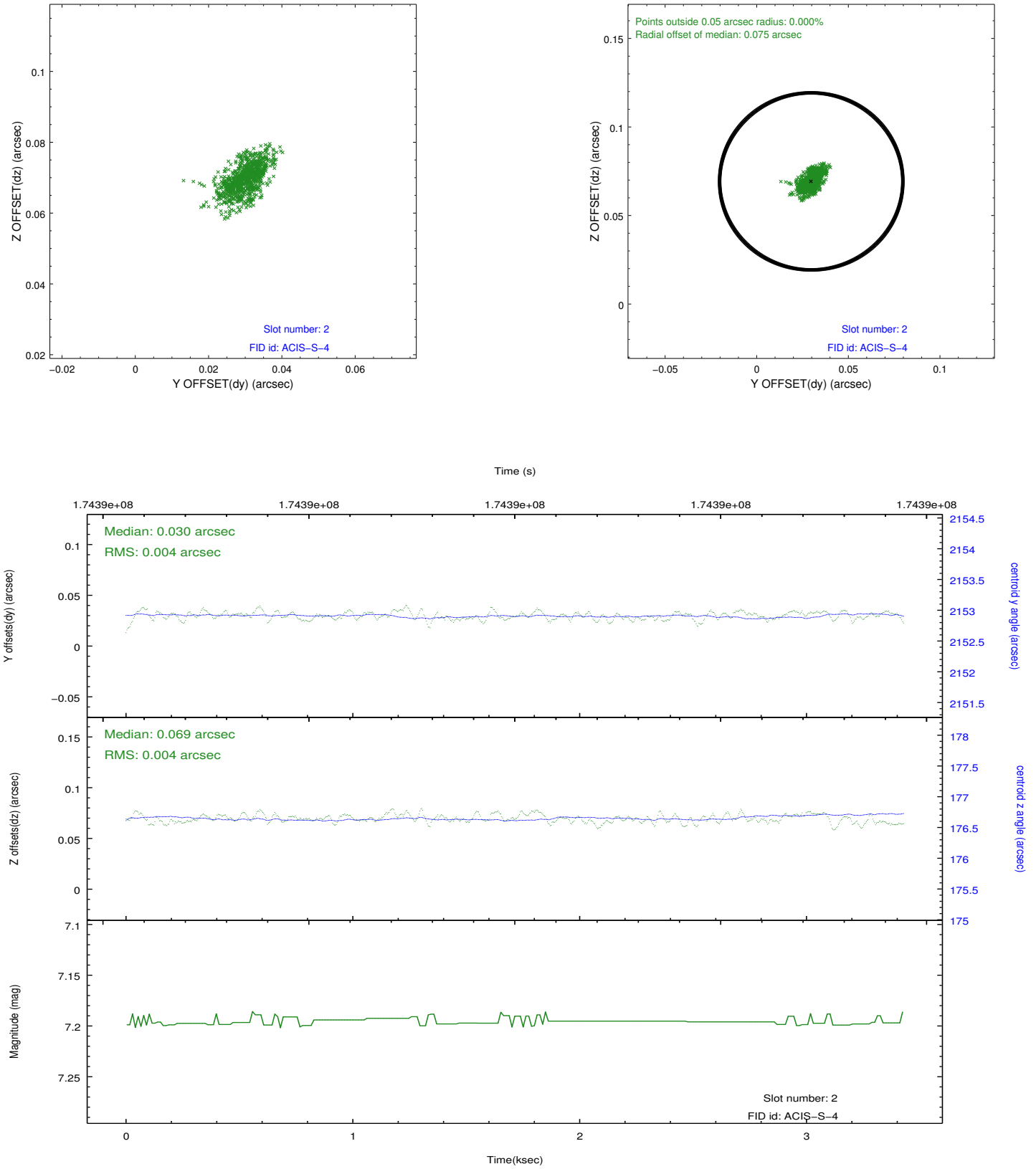
2.5.1 Slot 0



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)	2012.11.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.428

A.2 Comments