

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11467 - L2 Version 2
Chandra X-Ray Center

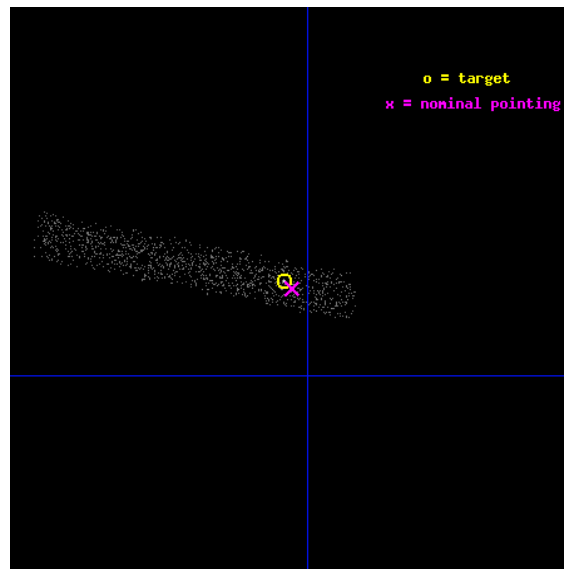
L2 Processing Date : Jun 24 2012

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1 Front

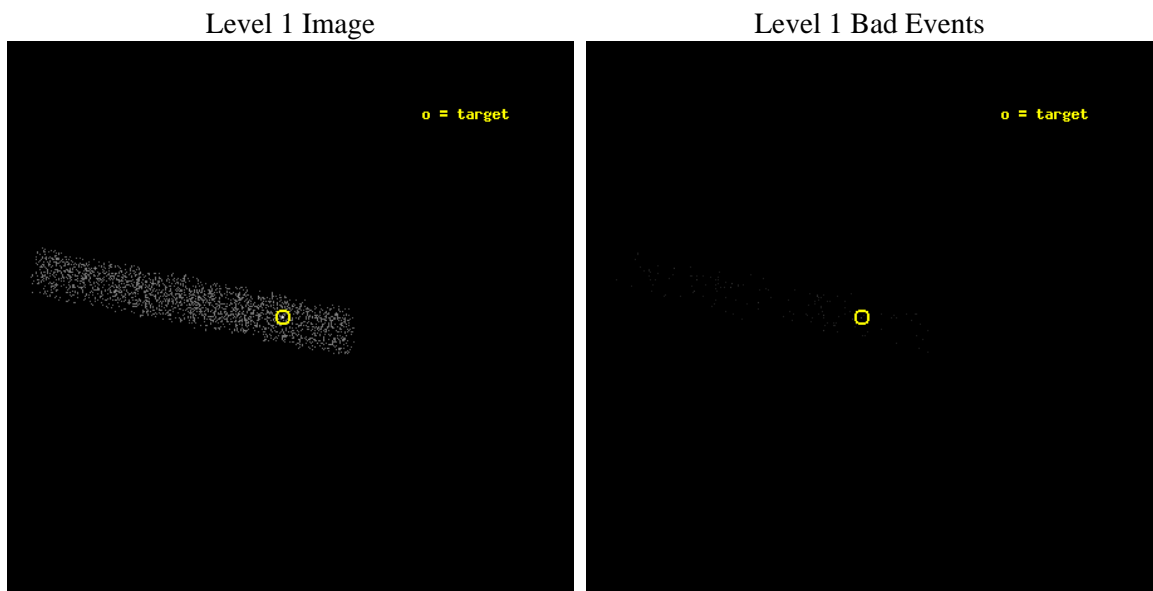
seq_num	702053	Sequence number
obs_id	11467	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J130803.88+505226.7	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	197.01625	Observer's specified target RA [deg]
dec_targ	50.874083	Observer's specified target Dec [deg]
ra_nom	197.0108374723	Nominal RA [deg]
dec_nom	50.870763023502	Nominal Dec [deg]
roll_nom	191.06054554879	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2180.399870038	Sum of GTIs [s]
livetime	1977.5075911827	Livetime [s]
ontime7	2180.399870038	Sum of GTIs [s]
l2events	1594	Number of level 2 events



2 OBI

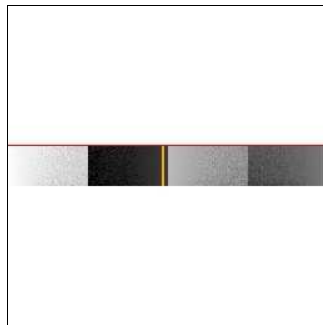
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2180.399870038	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	2180.399870038	Sum of GTIs [s]
date	2012-06-24T09:19:52	Date and time of file creation	l1events	4094	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

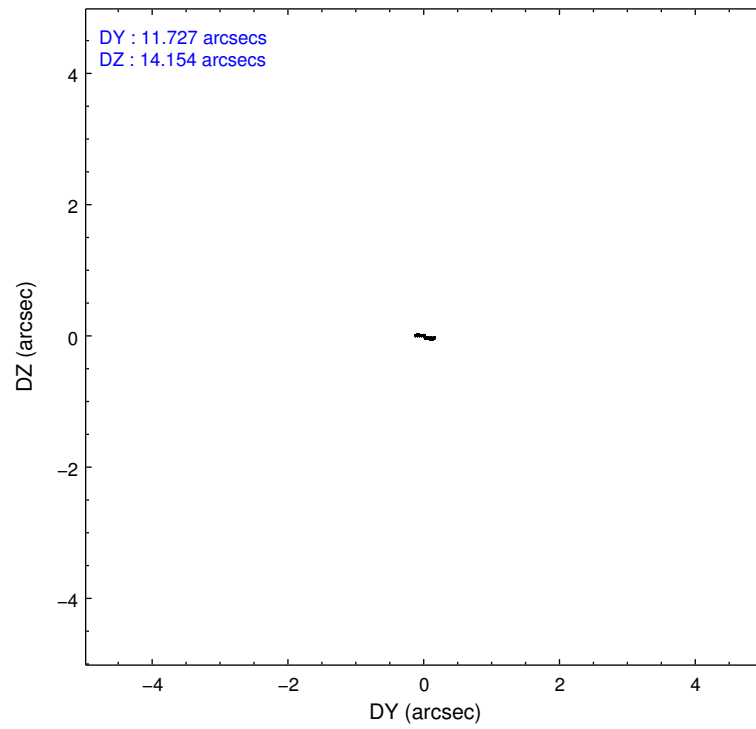
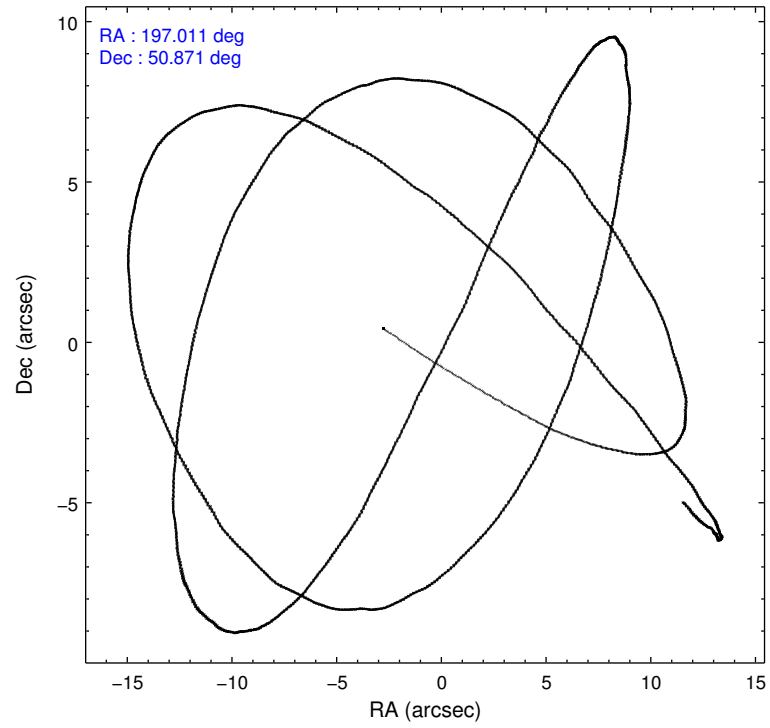
	ccd 7
level 1 events	4094
rejected events	2423
rejected %	59%

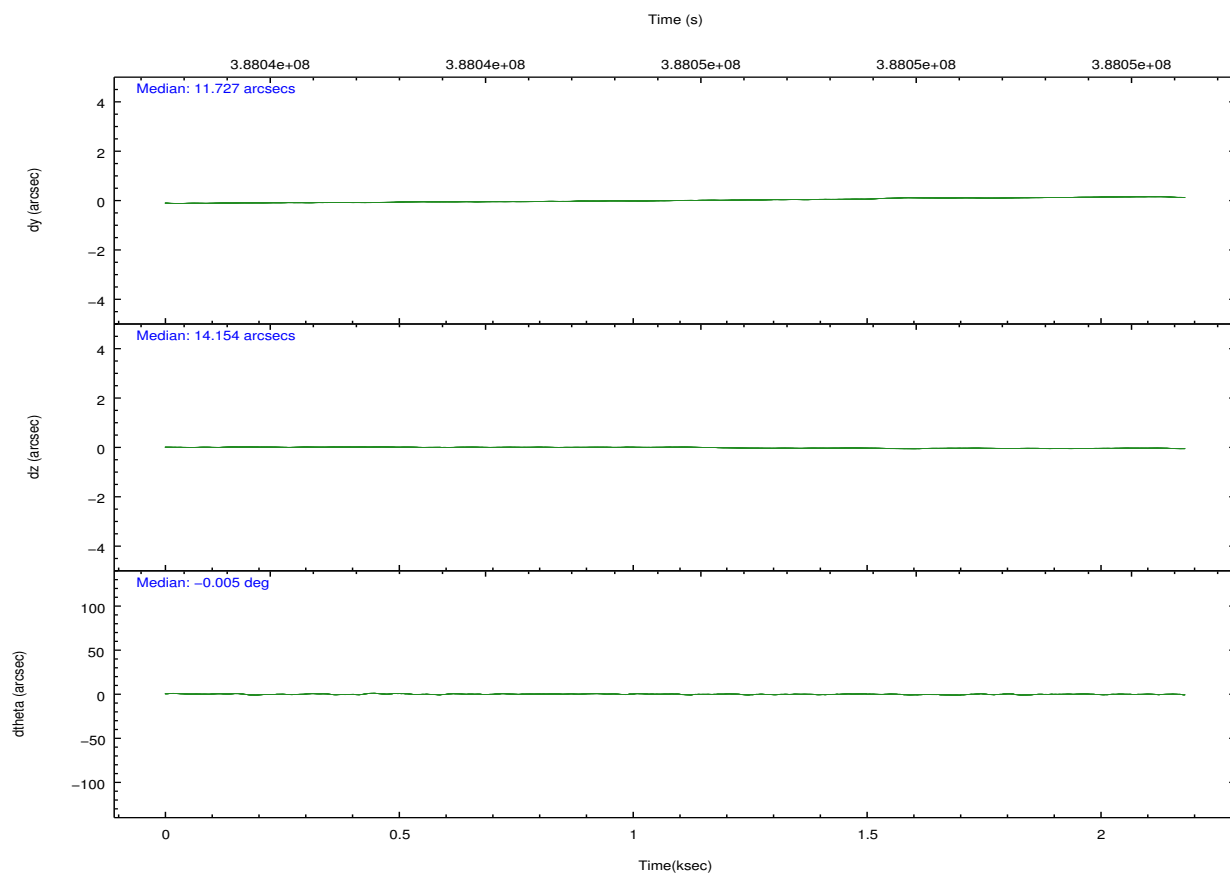
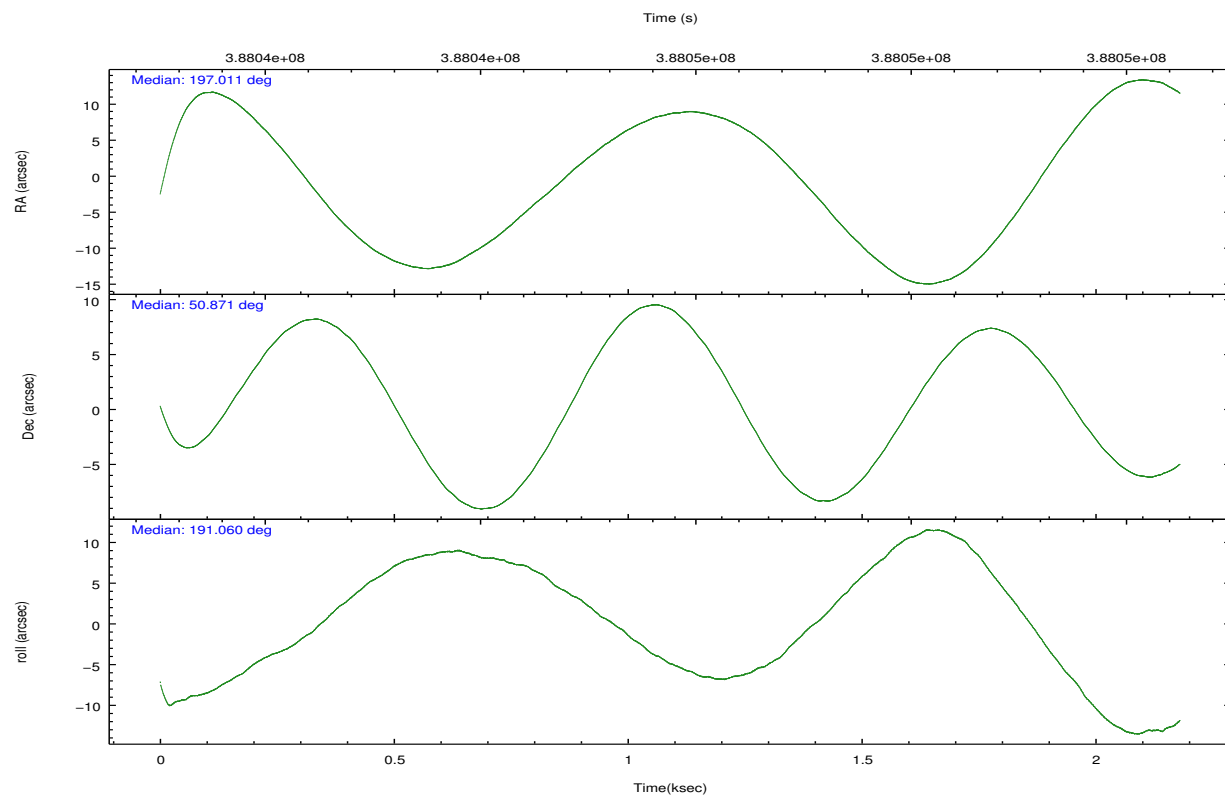
	ccd 7
grade 0 events	289
	7%
grade 1 events	4
	0%
grade 2 events	426
	10%
grade 3 events	336
	8%
grade 4 events	297
	7%
grade 5 events	373
	9%
grade 6 events	922
	22%
grade 7 events	1447
	35%

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	197.042895	197.0108374722966	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	50.889028	50.87076302350241	Subarray start row	449	449
[deg] Pointing Roll	190.879094	191.0605455487918	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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	388044532.184000	388043456.49841			
Observation start date	2010-04-19T06:07:46	2010-04-19T05:50:56			
[s] Observation end time (MET)	388046532.184000	388047212.0986			
Observation end date	2010-04-19T06:41:06	2010-04-19T06:53:32			
Read mode	TIMED	TIMED			

2.3 Aspect



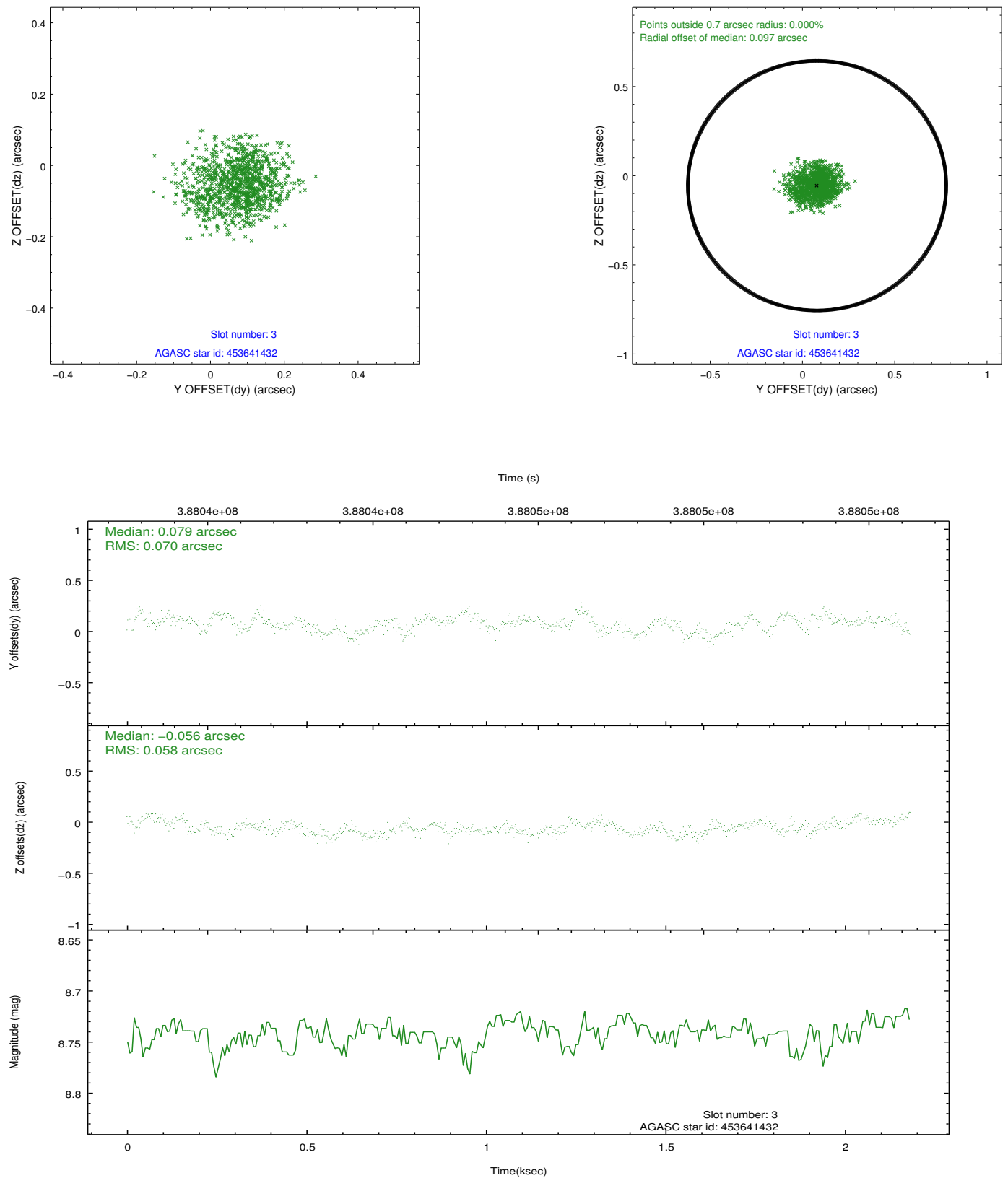


Slot Statistics

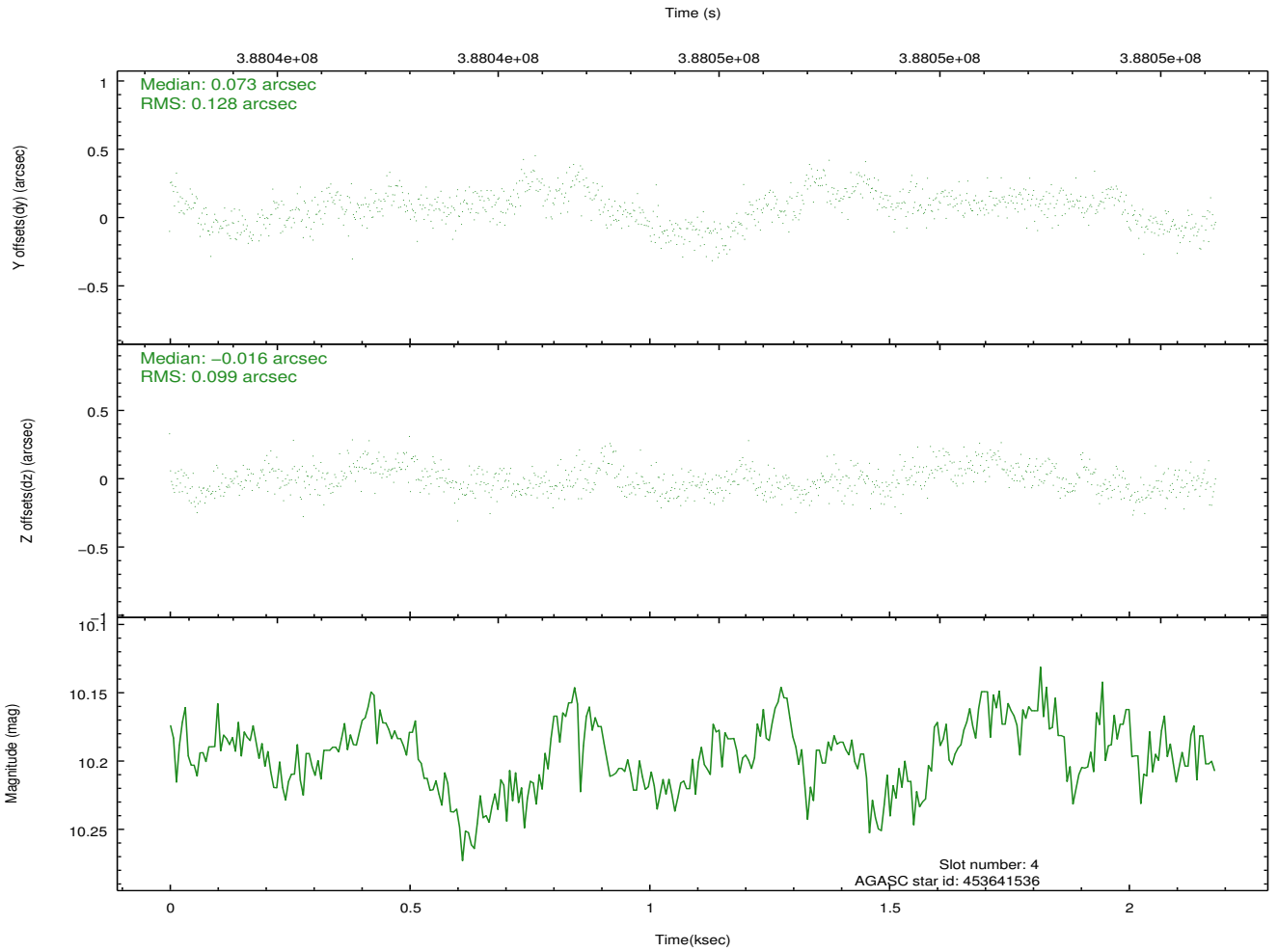
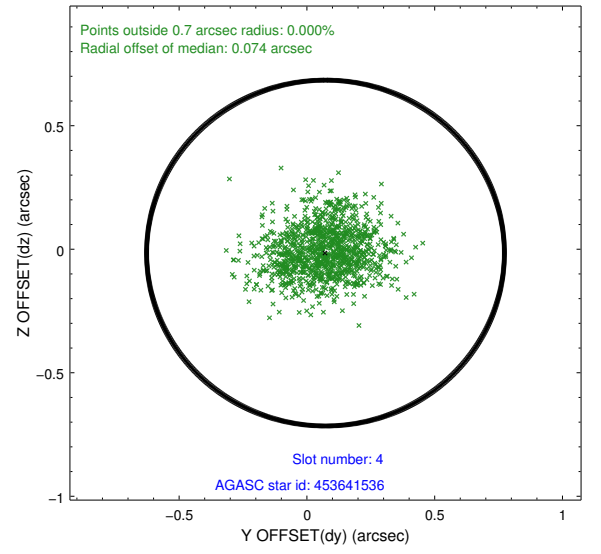
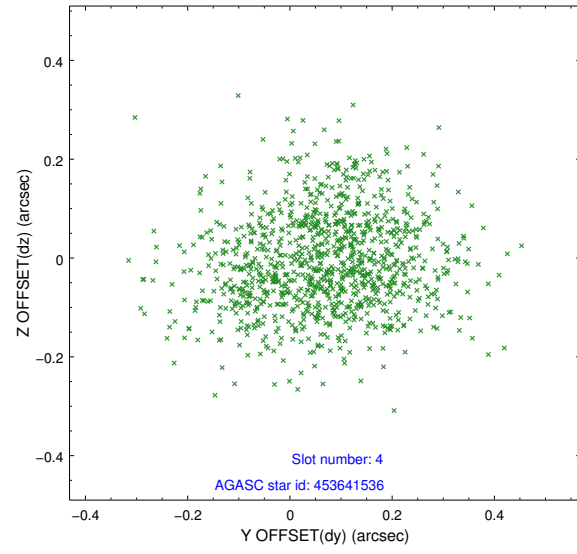
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	6.98	532	0.044	0.004	0.007	0.011	0.000000	0.000000	931.45	-1731.08
1	FID	ACIS-S-4	6.97	532	0.078	-0.020	0.006	0.009	0.000000	0.000000	2150.55	169.96
2	FID	ACIS-S-5	7.01	532	-0.149	0.028	0.006	0.010	0.000000	0.000000	-1813.77	167.01
3	GUIDE	453641432	8.74	1065	0.079	-0.056	0.101	0.153	196.176958	51.202756	1704.13	-1488.76
4	GUIDE	453641536	10.19	1062	0.073	-0.016	0.172	0.282	196.187982	50.502490	2185.47	985.03
5	GUIDE	453660440	9.60	1065	-0.113	0.142	0.105	0.172	196.774397	50.901810	592.67	-160.12
6	GUIDE	453780192	8.41	1064	-0.007	-0.098	0.086	0.141	197.344346	51.154966	-847.14	-813.19
7	GUIDE	453782960	9.72	1062	-0.018	0.014	0.122	0.194	197.607065	51.627605	-1741.09	-2378.23

2.4 Star Slots

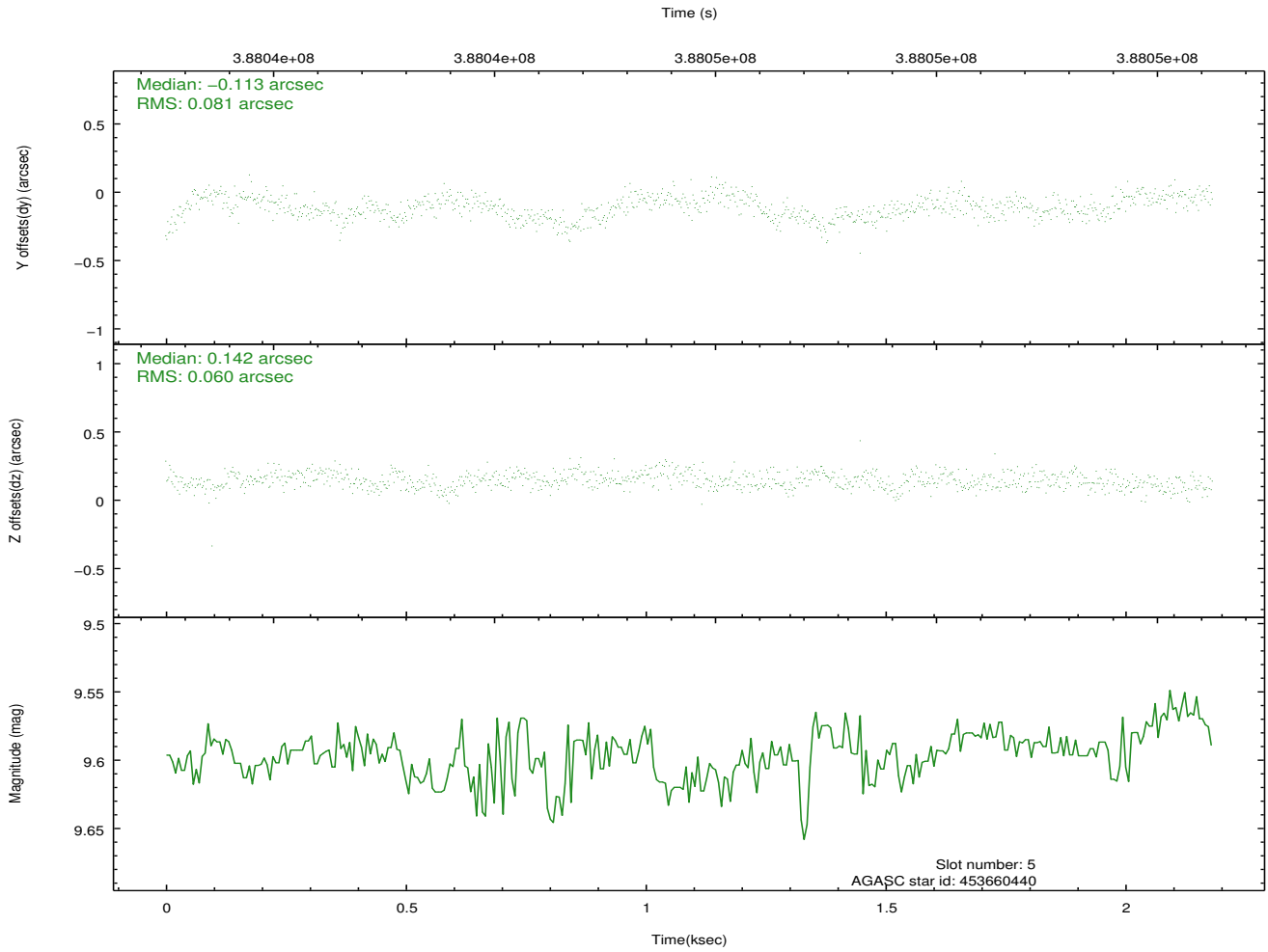
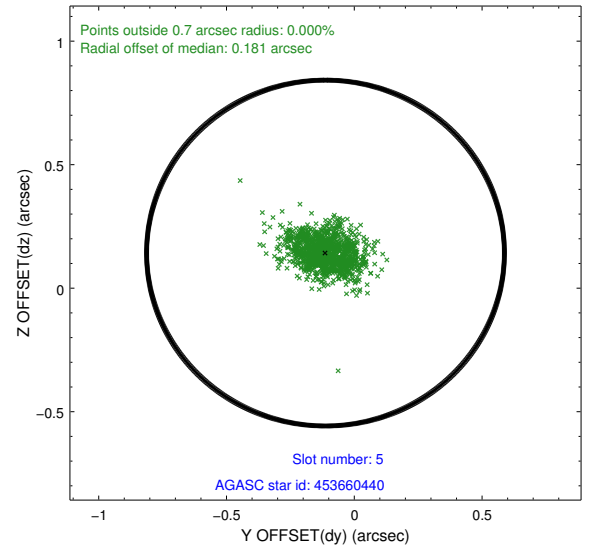
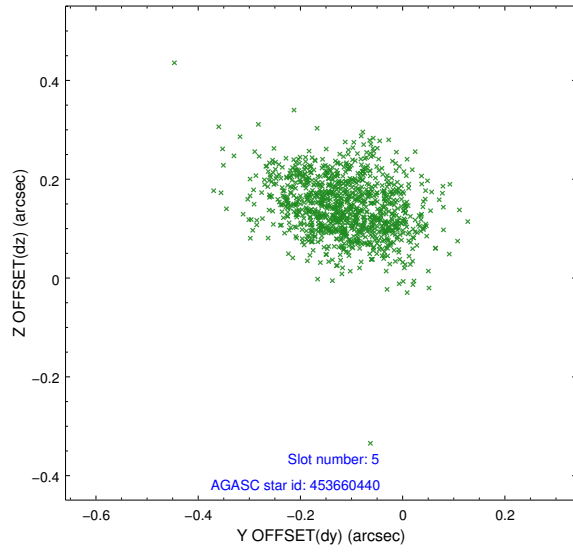
2.4.1 Slot 3



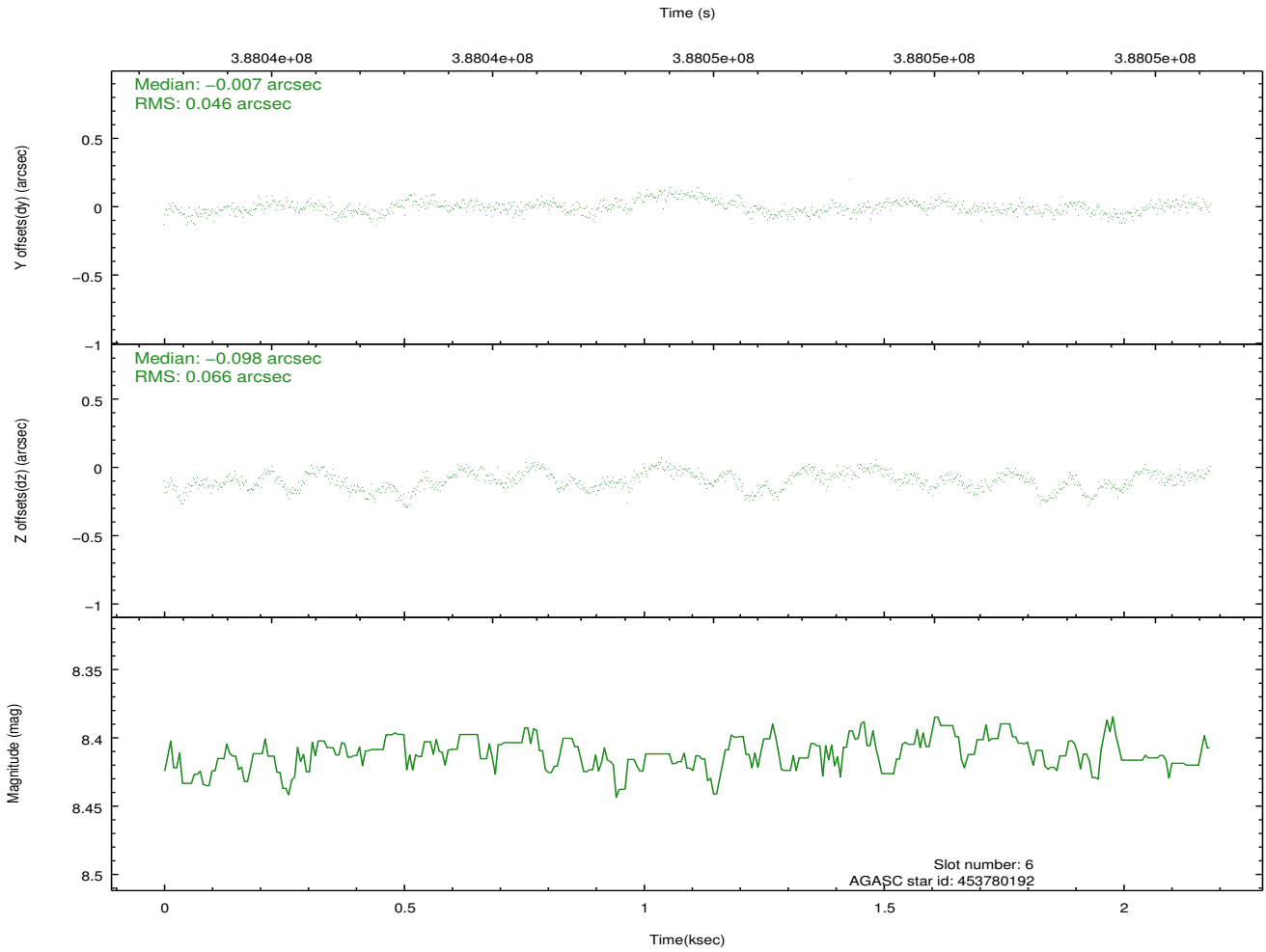
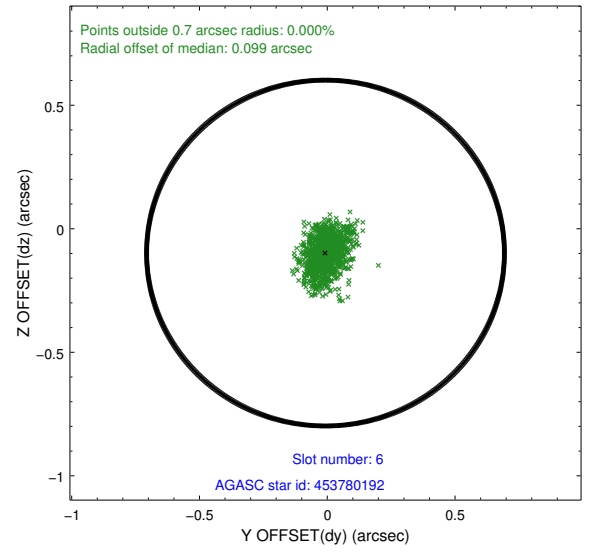
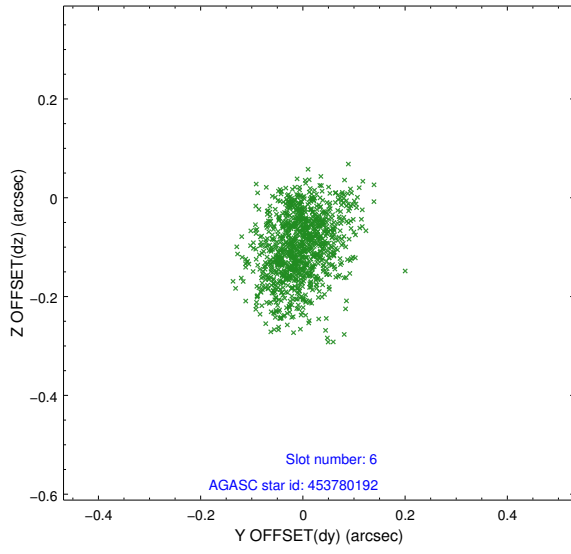
2.4.2 Slot 4



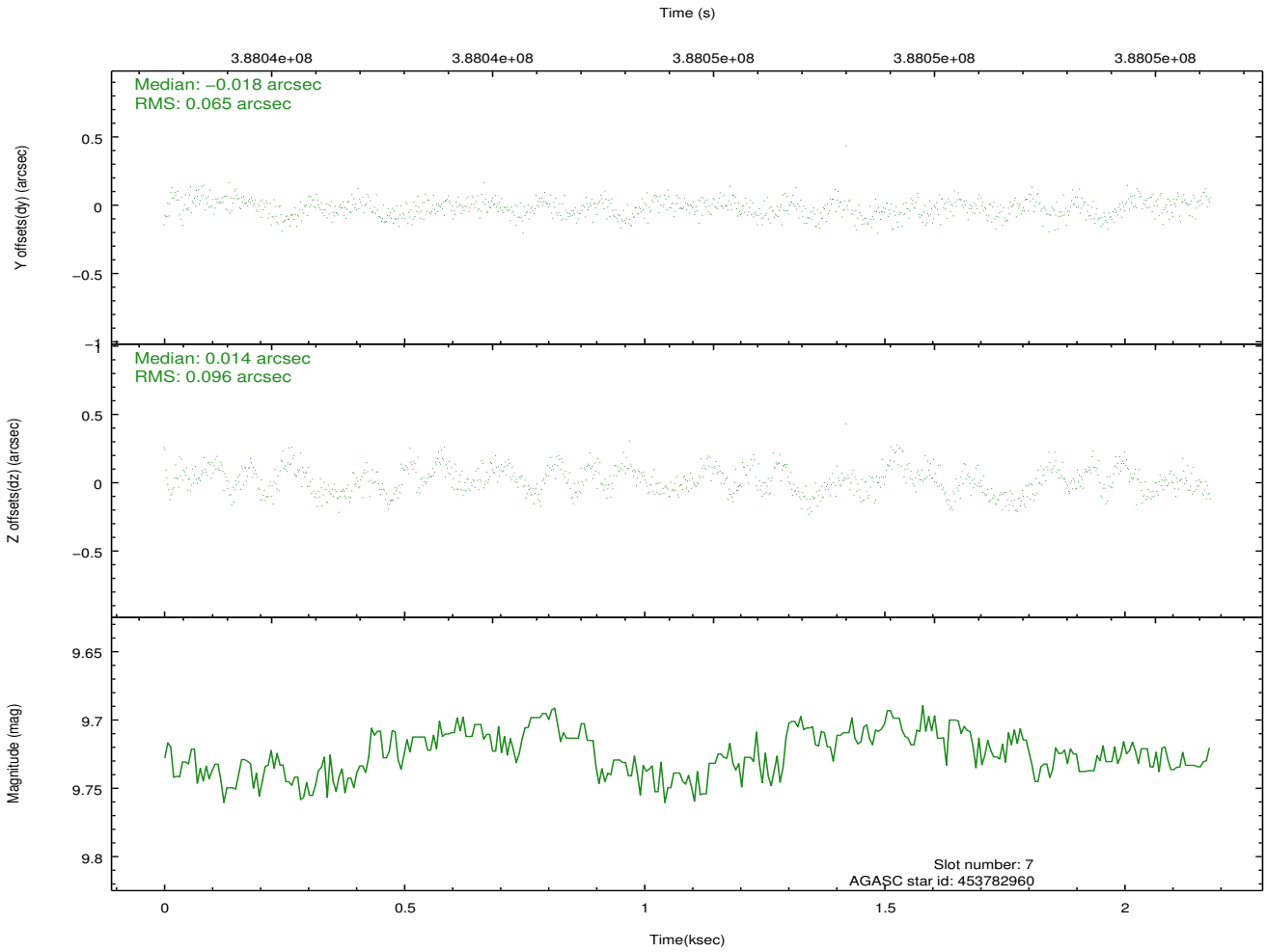
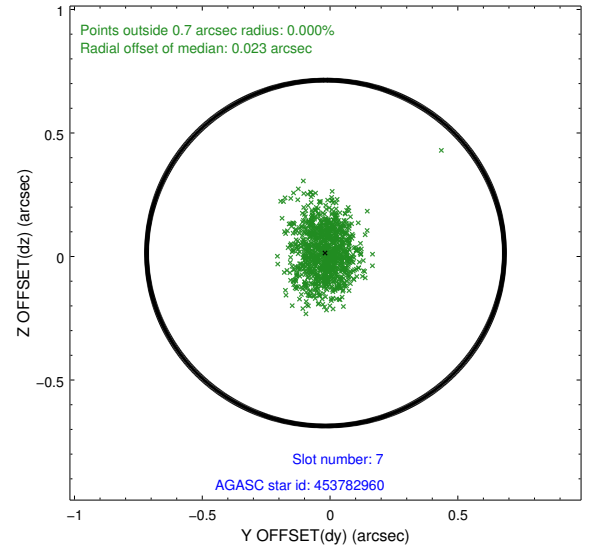
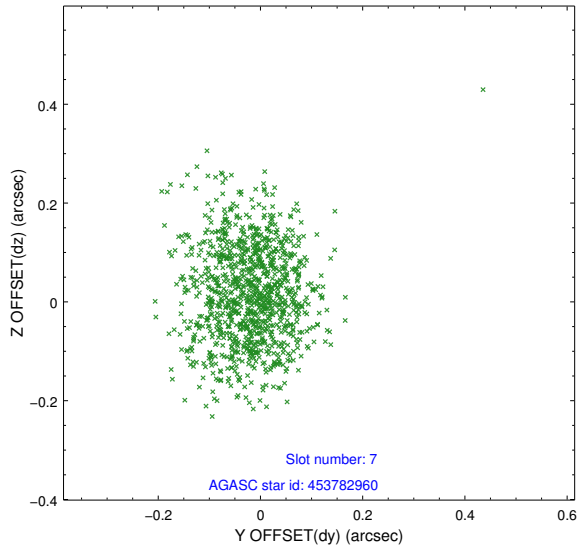
2.4.3 Slot 5



2.4.4 Slot 6

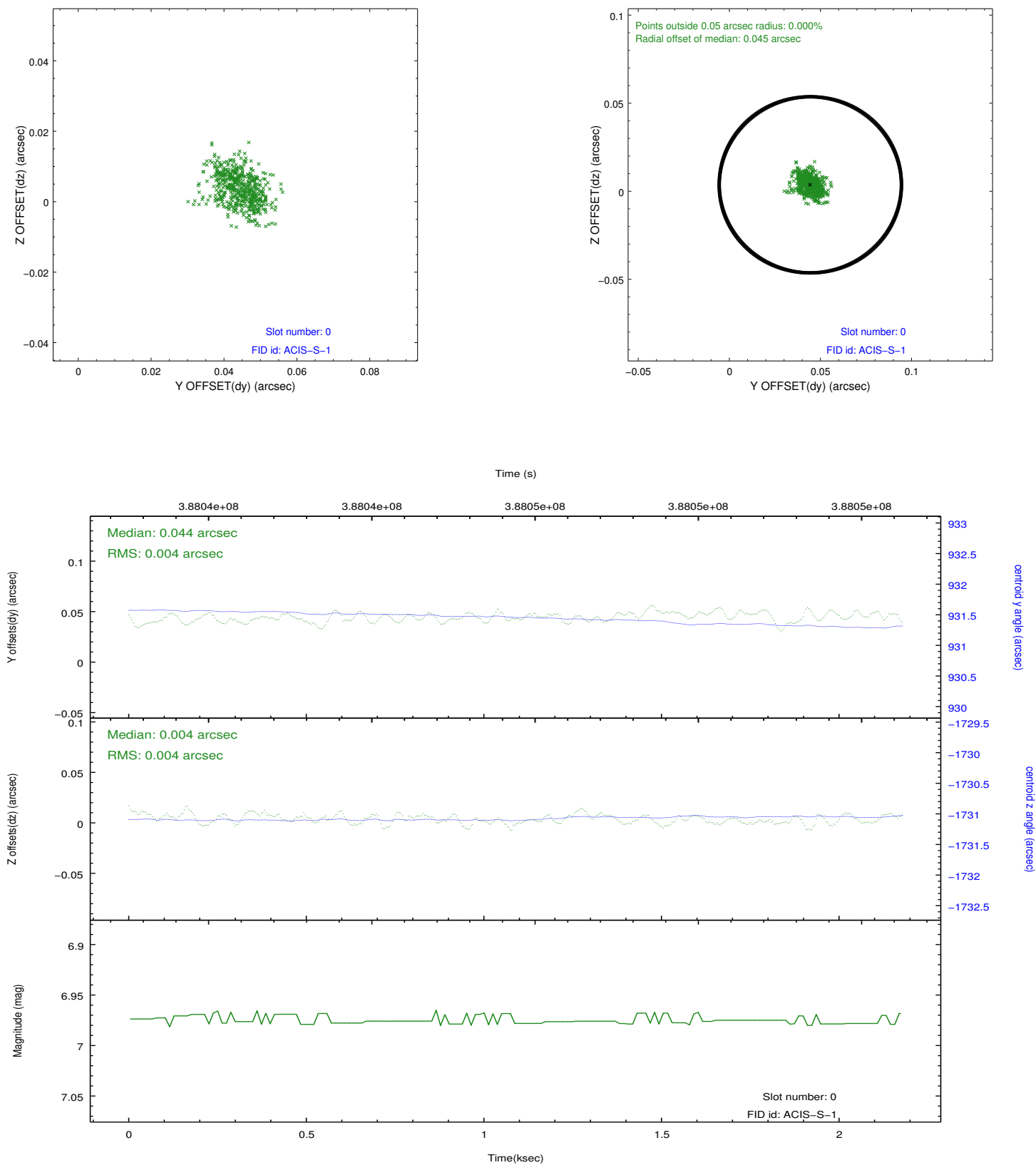


2.4.5 Slot 7

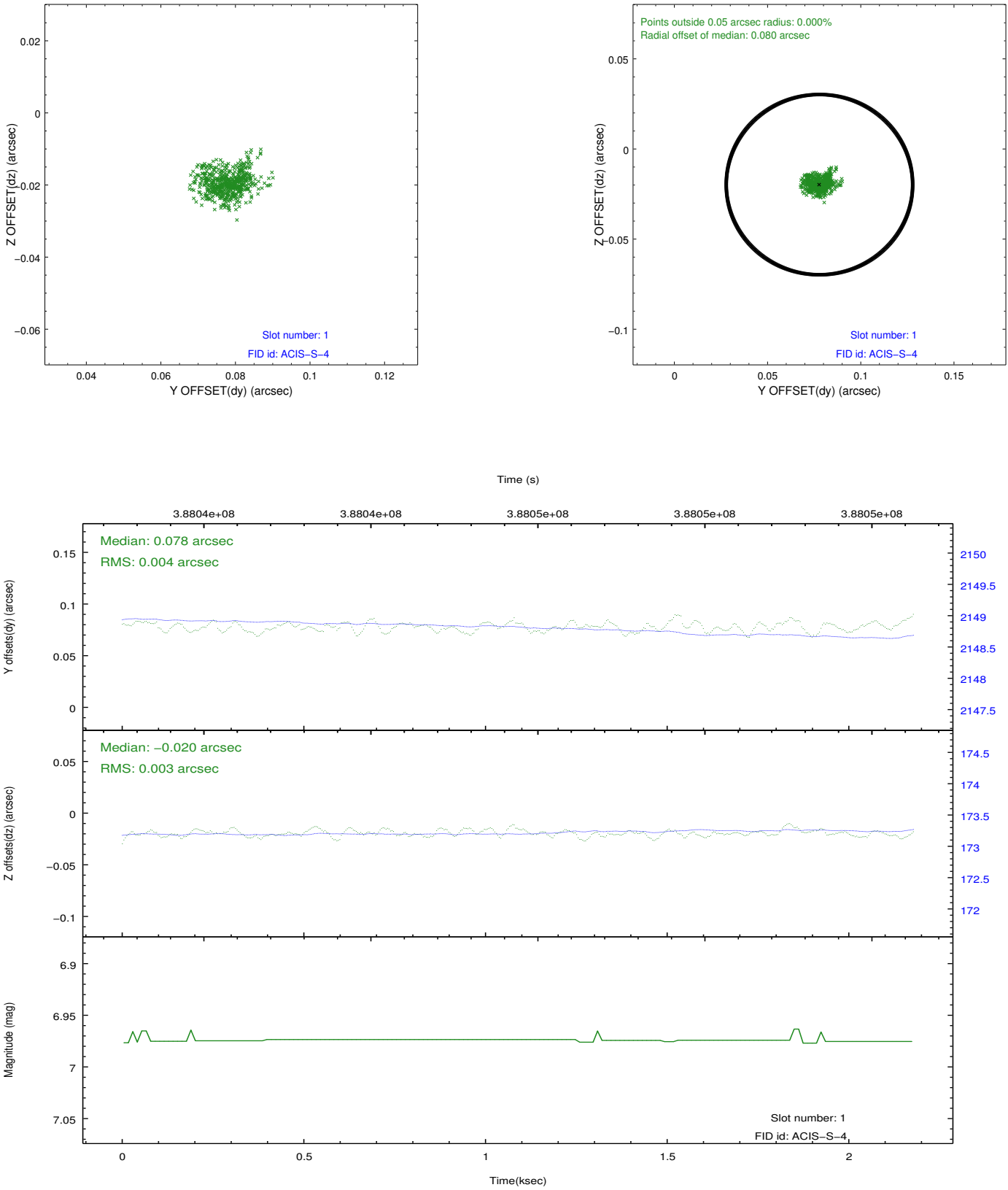


2.5 FID Slots

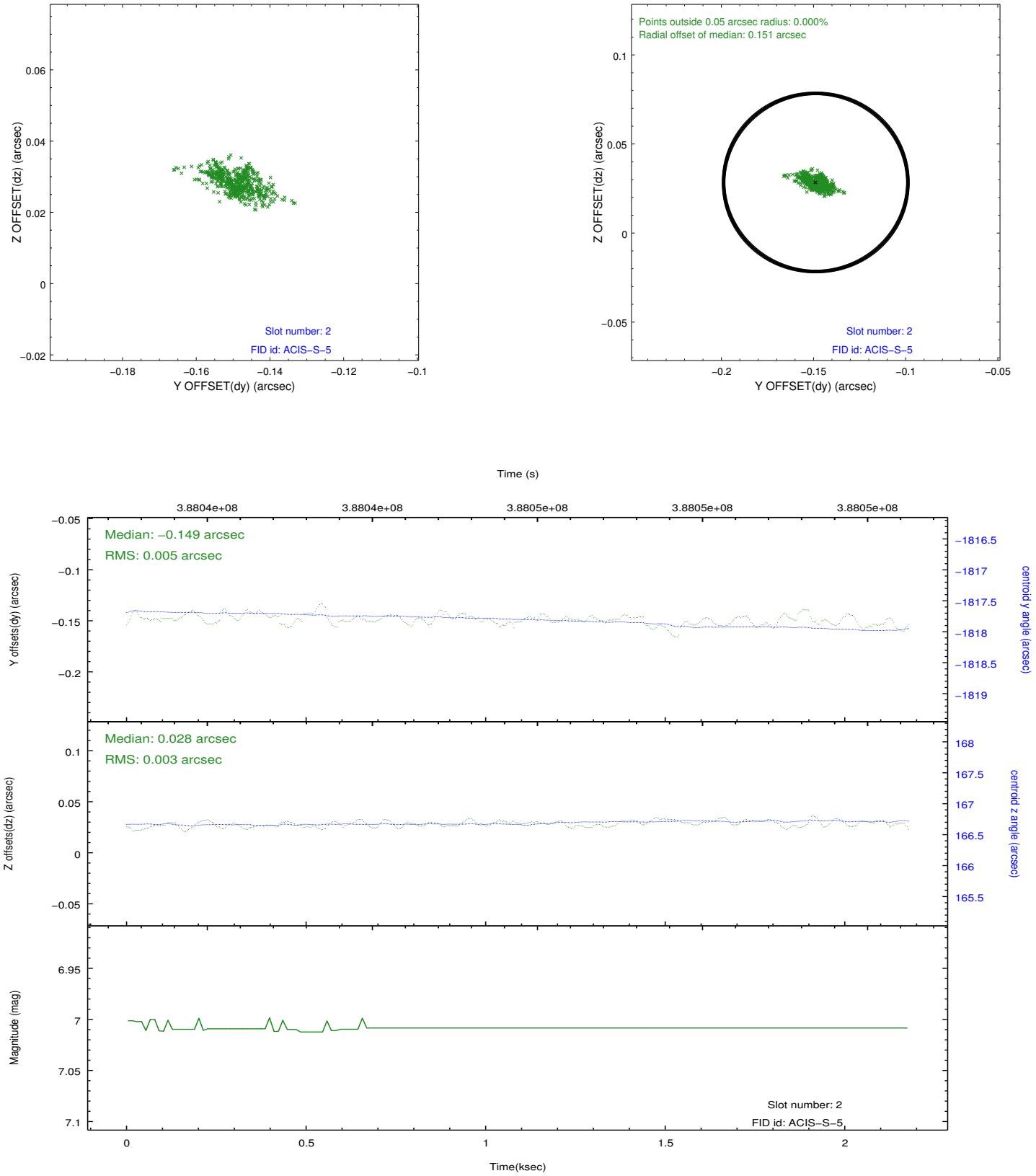
2.5.1 Slot 0



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)	2012.06.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.180399870038

A.2 Comments