

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11442 - L2 Version 2
Chandra X-Ray Center

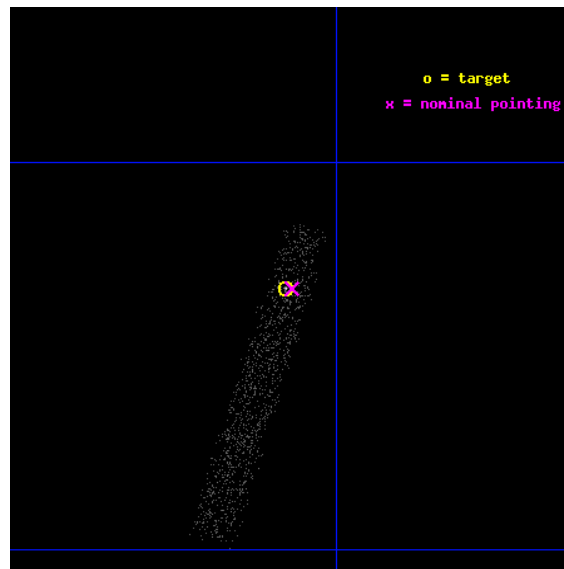
L2 Processing Date : Jun 17 2012

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1 Front

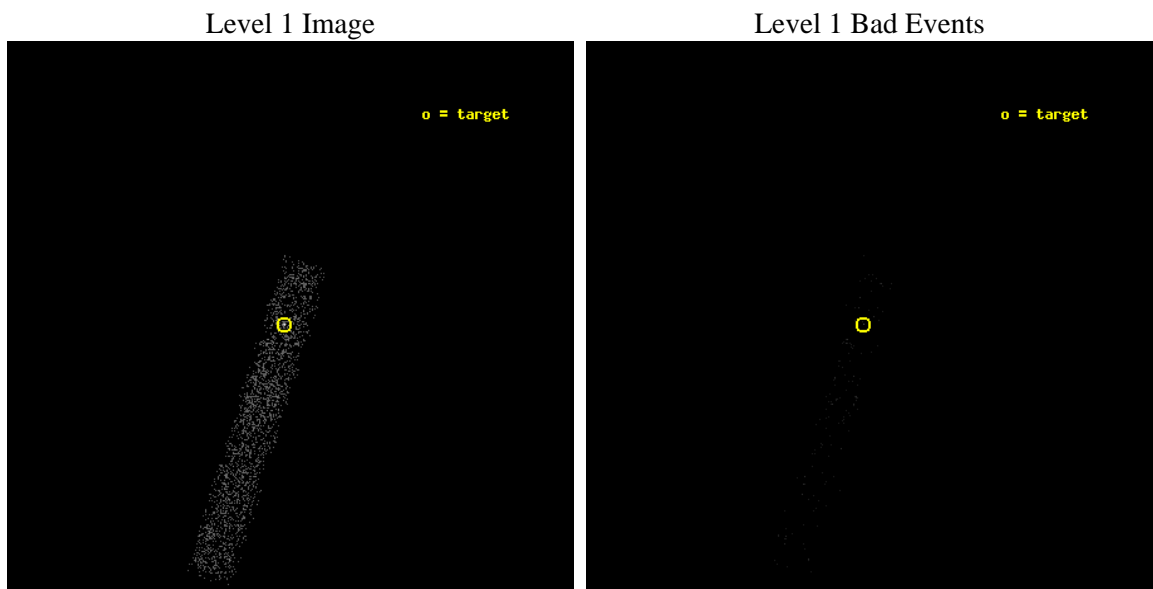
seq_num	702028	Sequence number
obs_id	11442	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J073106.86+392644.6	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	112.77875	Observer's specified target RA [deg]
dec_targ	39.445722	Observer's specified target Dec [deg]
ra_nom	112.77534524082	Nominal RA [deg]
dec_nom	39.445584503536	Nominal Dec [deg]
roll_nom	107.17914550585	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1853.999889493	Sum of GTIs [s]
livetime	1681.480037632	Livetime [s]
ontime7	1853.999889493	Sum of GTIs [s]
l2events	1602	Number of level 2 events



2 OBI

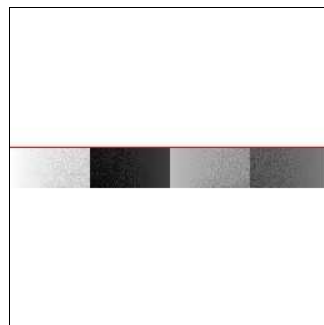
2.1 OBI

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	1853.999889493	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	1853.999889493	Sum of GTIs [s]
date	2012-06-17T17:01:54	Date and time of file creation	l1events	3005	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

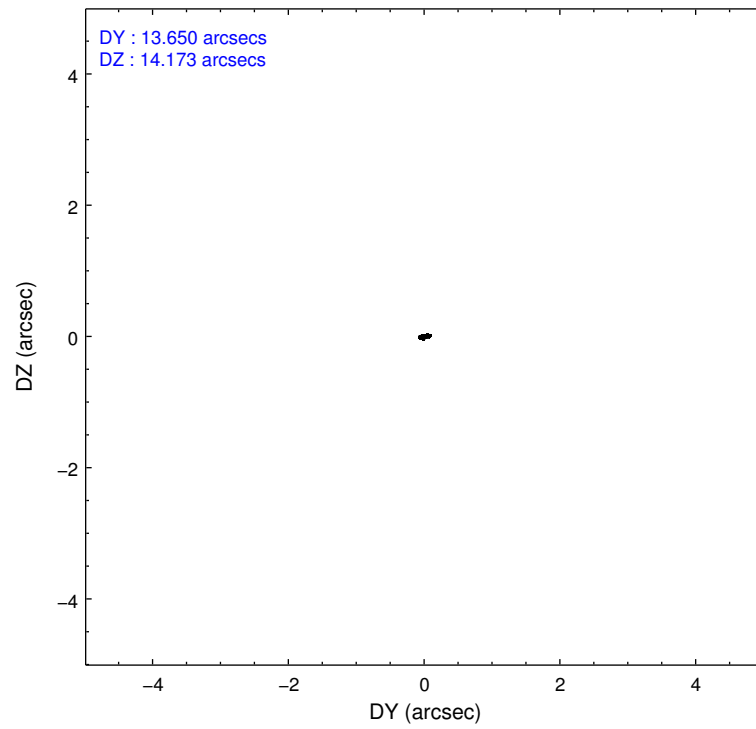
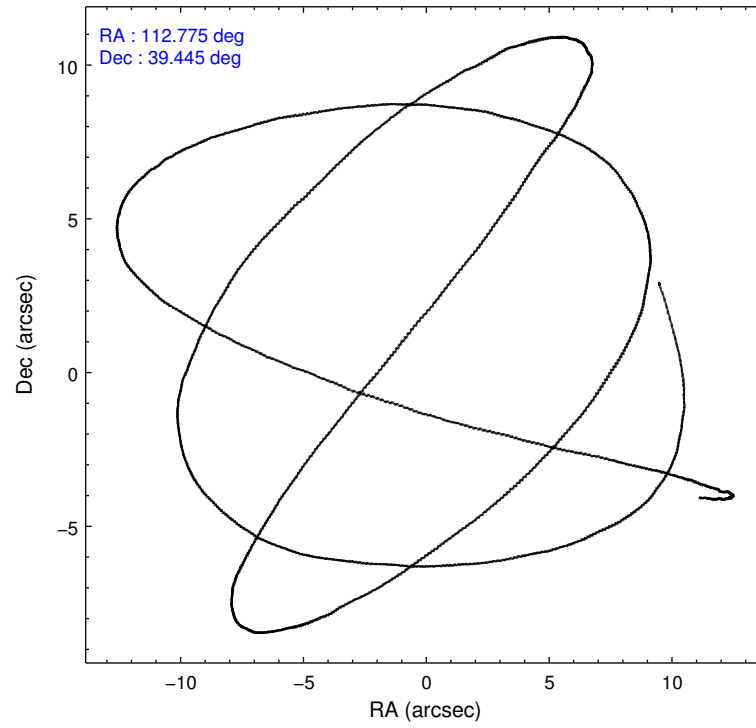
	ccd 7
level 1 events	3005
rejected events	1350
rejected %	44%

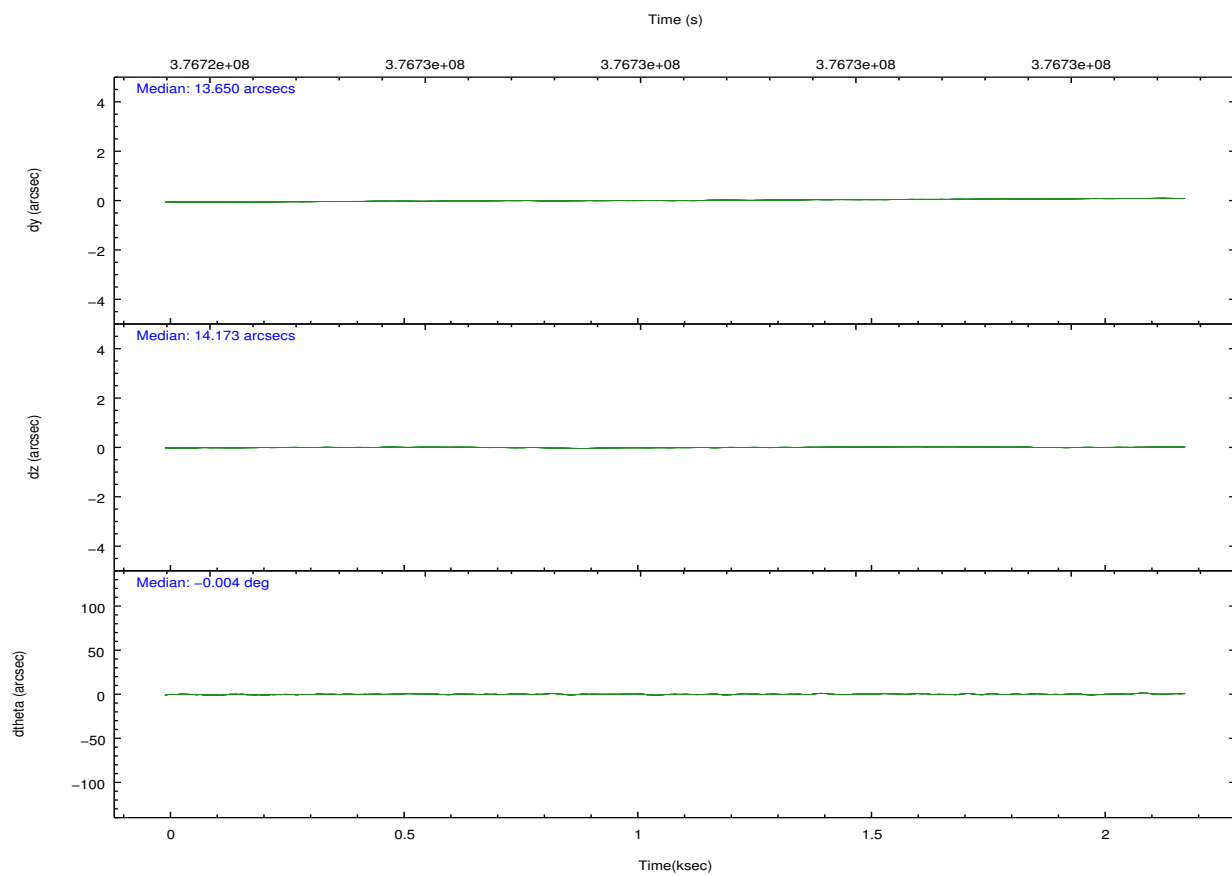
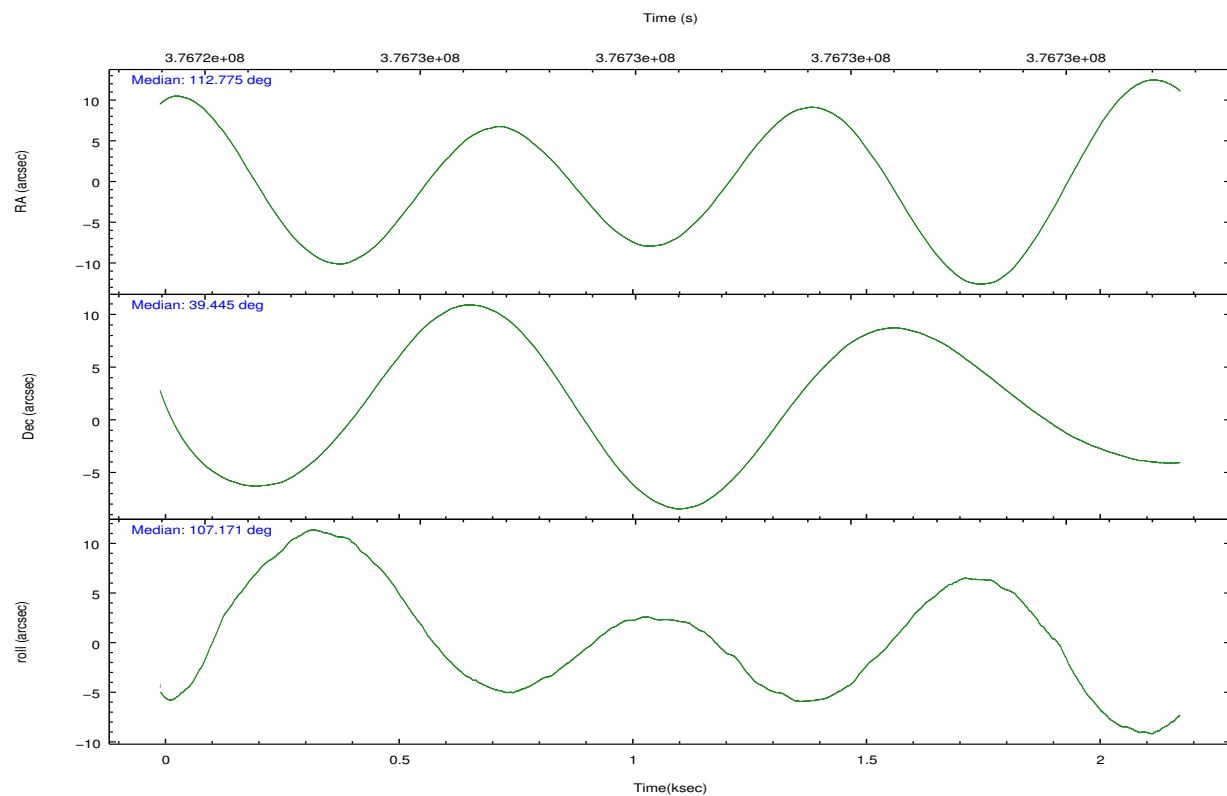
	ccd 7
grade 0 events	256
	8%
grade 1 events	5
	0%
grade 2 events	378
	12%
grade 3 events	201
	6%
grade 4 events	239
	7%
grade 5 events	292
	9%
grade 6 events	581
	19%
grade 7 events	1053
	35%

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	112.801573	112.7753452408215	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	39.427407	39.4455845035364	Subarray start row	449	449
[deg] Pointing Roll	107.005857	107.1791455058523	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)	376725163.184000	376723399.48727			
Observation start date	2009-12-09T05:51:37	2009-12-09T05:23:19			
[s] Observation end time (MET)	376727163.184000	376727506.66248			
Observation end date	2009-12-09T06:24:57	2009-12-09T06:31:46			
Read mode	TIMED	TIMED			

2.3 Aspect



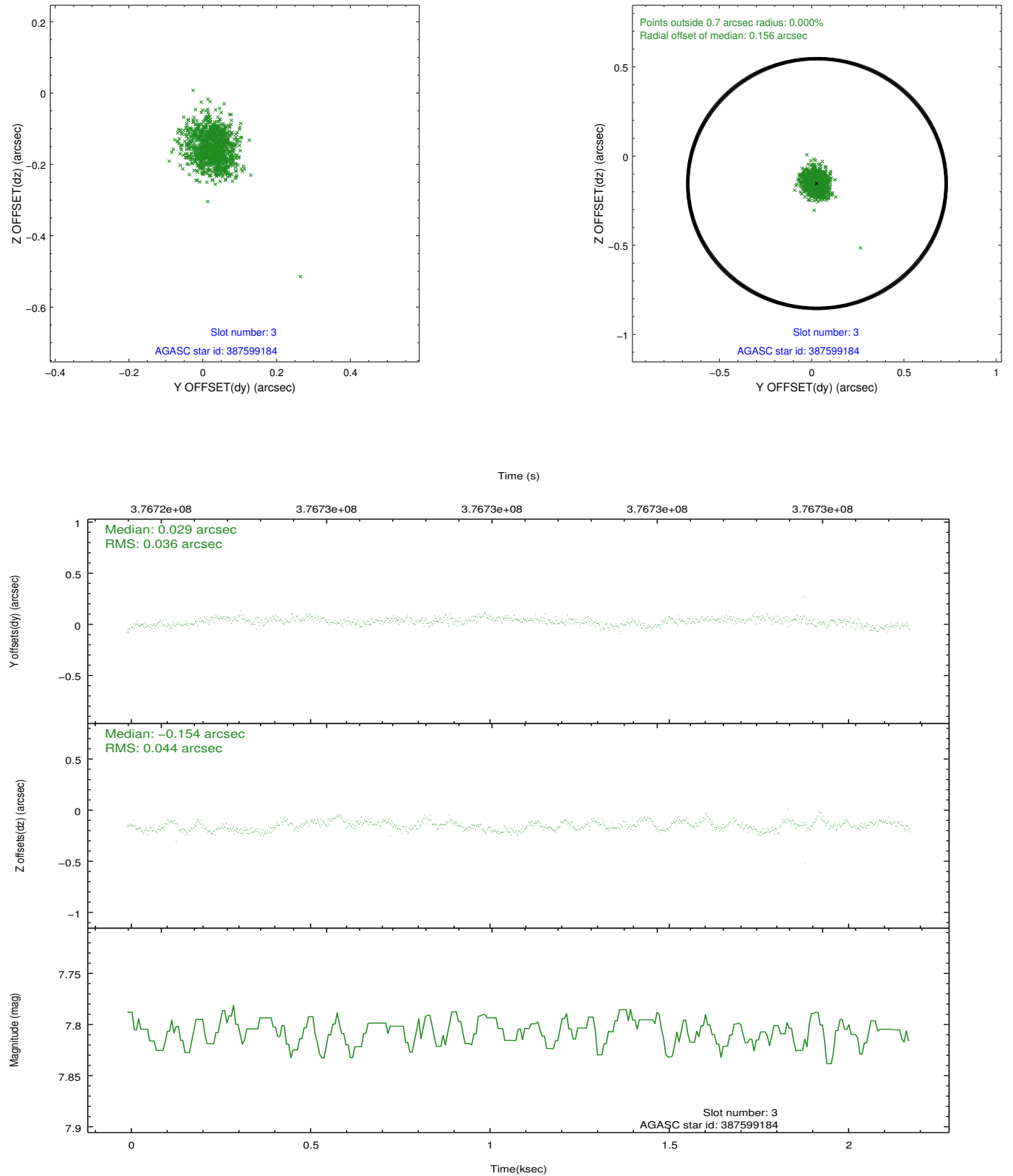


Slot Statistics

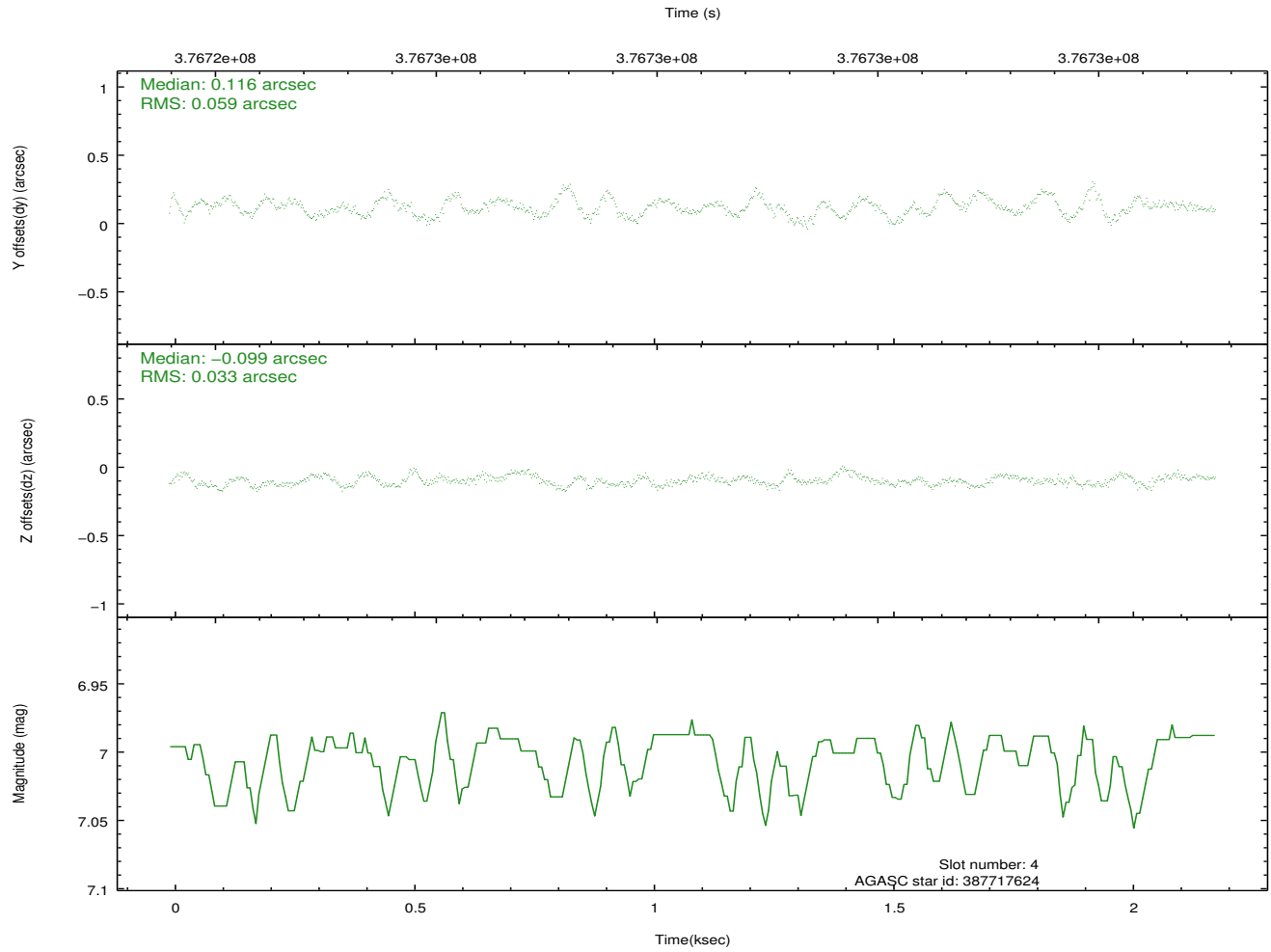
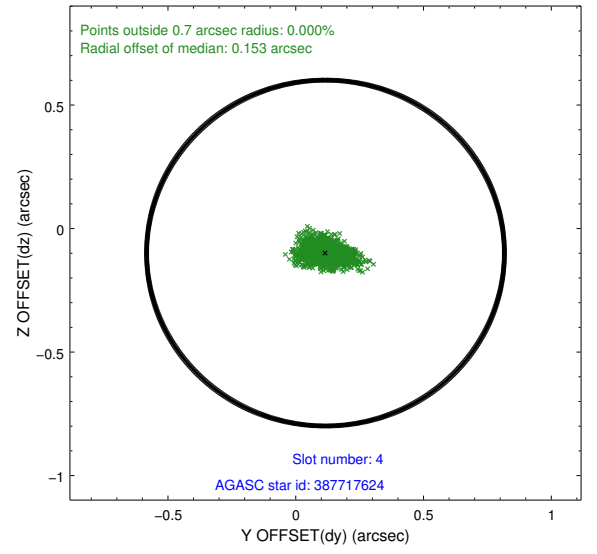
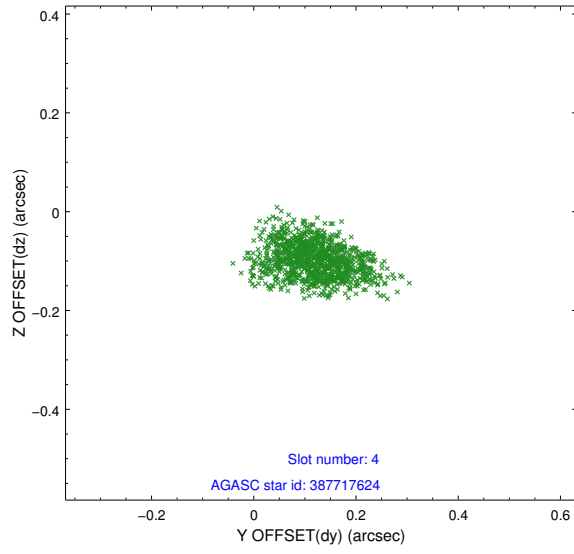
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.93	533	-0.088	-0.047	0.006	0.011	0.000000	0.000000	-766.68	-1735.57
1	FID	ACIS-S-4	7.01	533	0.090	0.052	0.006	0.010	0.000000	0.000000	2145.41	169.91
2	FID	ACIS-S-6	7.15	533	-0.030	0.002	0.006	0.011	0.000000	0.000000	399.19	810.65
3	GUIDE	387599184	7.81	1066	0.029	-0.154	0.060	0.096	112.222551	39.239208	-170.57	1740.45
4	GUIDE	387717624	7.00	1066	0.116	-0.099	0.070	0.119	112.981814	38.896065	-1975.91	78.18
5	GUIDE	388236056	8.84	1066	0.162	0.100	0.085	0.149	113.381538	39.427540	-467.17	-1543.68
6	GUIDE	388243728	9.33	1065	-0.259	0.161	0.109	0.173	113.411312	40.143861	1981.55	-2361.59
7	GUIDE	388246360	8.87	1064	-0.042	-0.007	0.068	0.111	113.216011	39.842478	1098.78	-1534.29

2.4 Star Slots

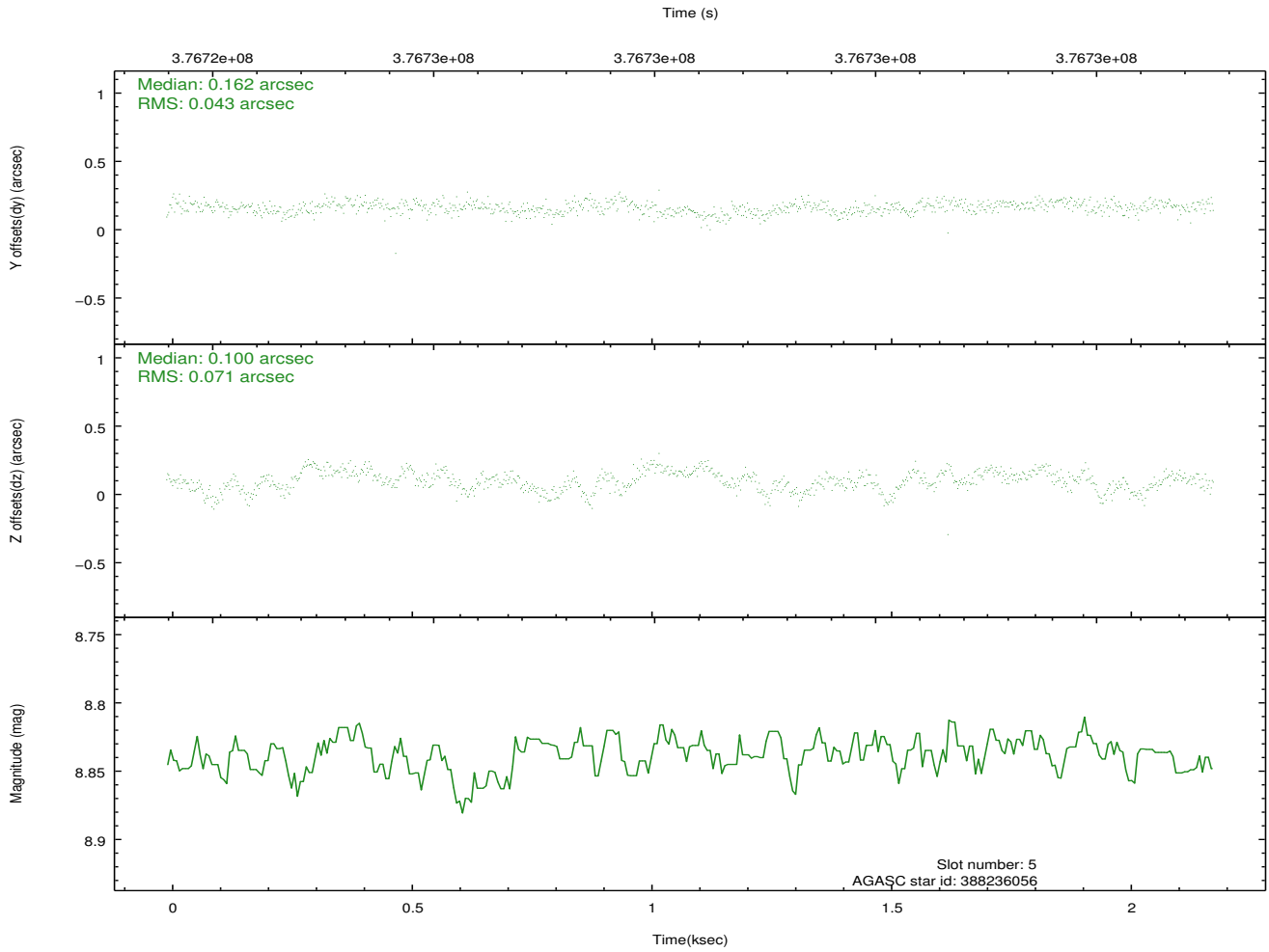
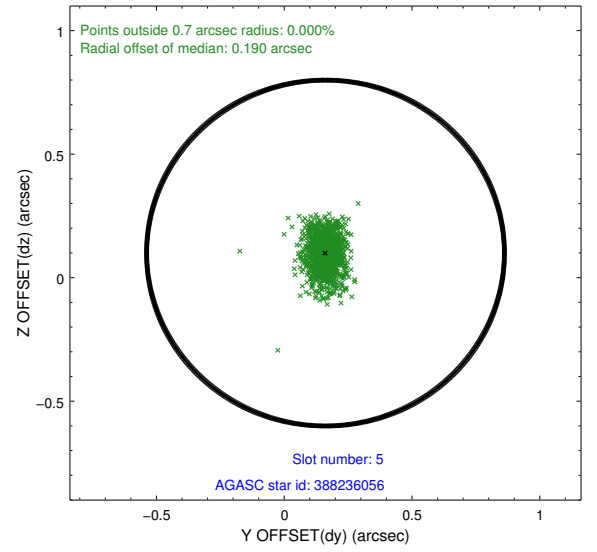
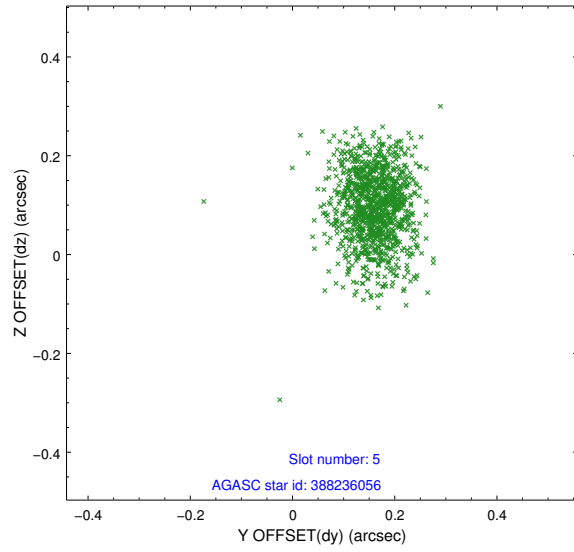
2.4.1 Slot 3



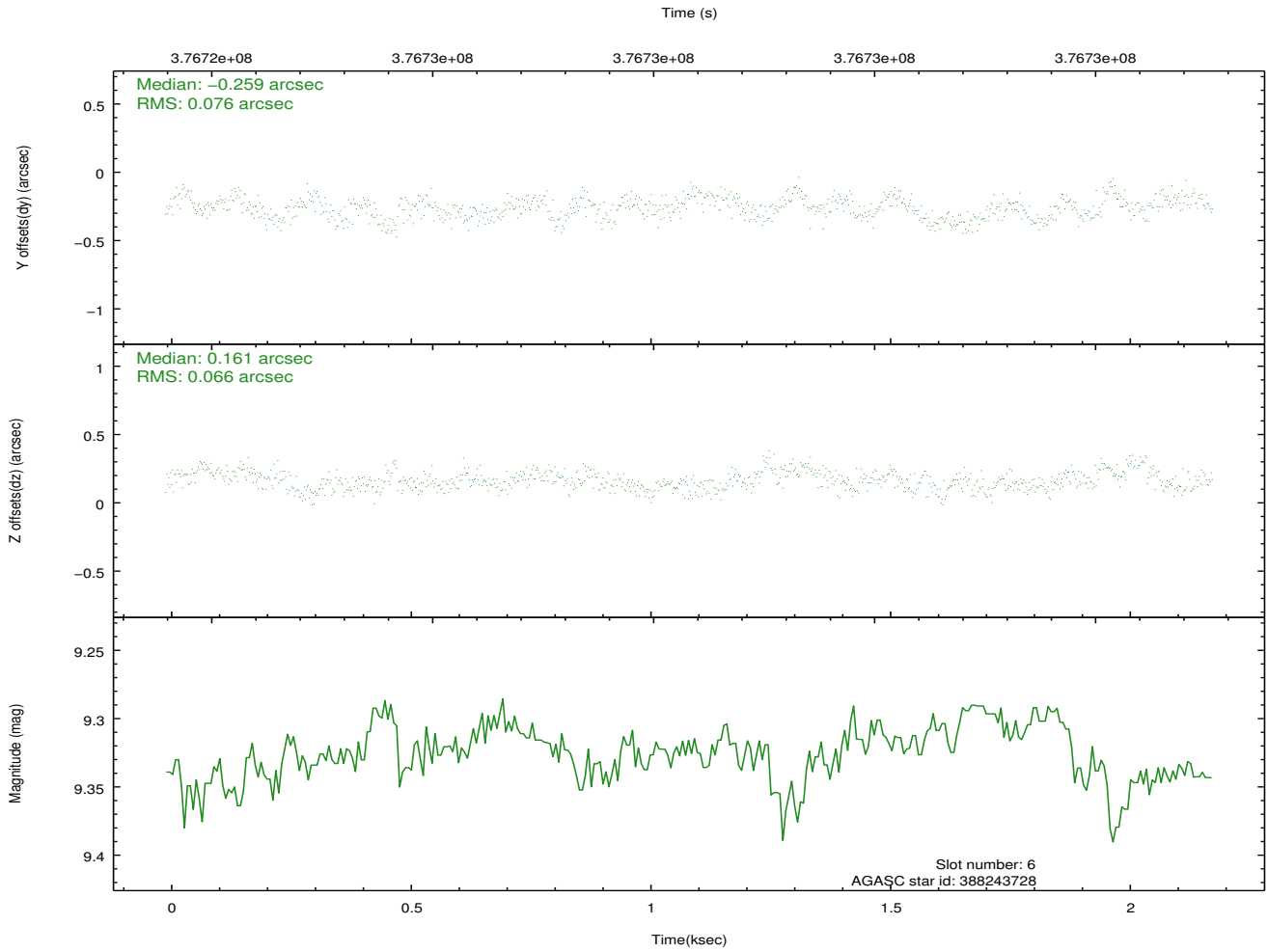
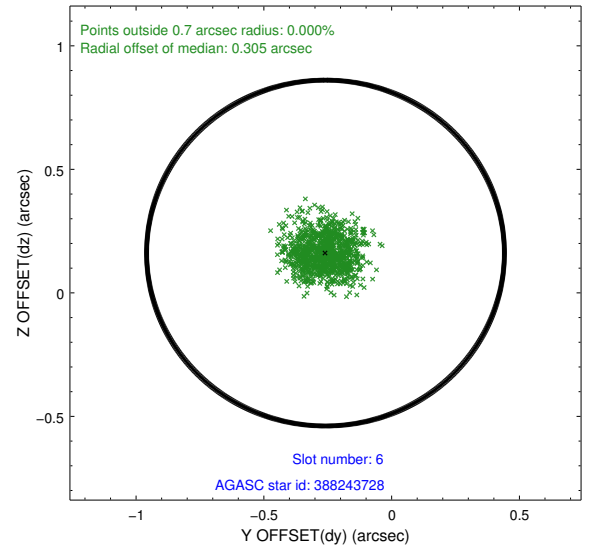
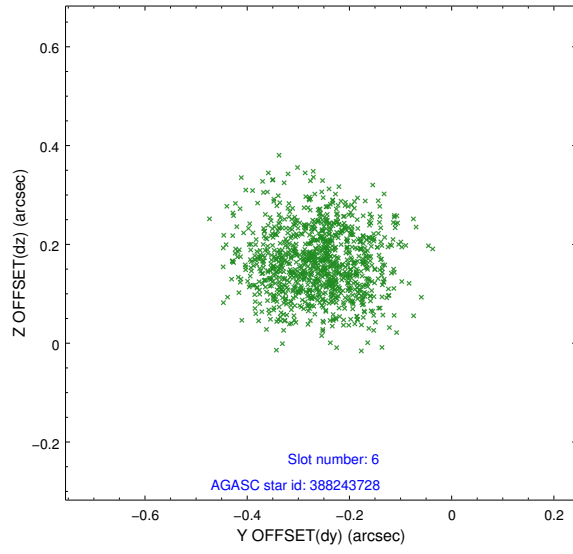
2.4.2 Slot 4



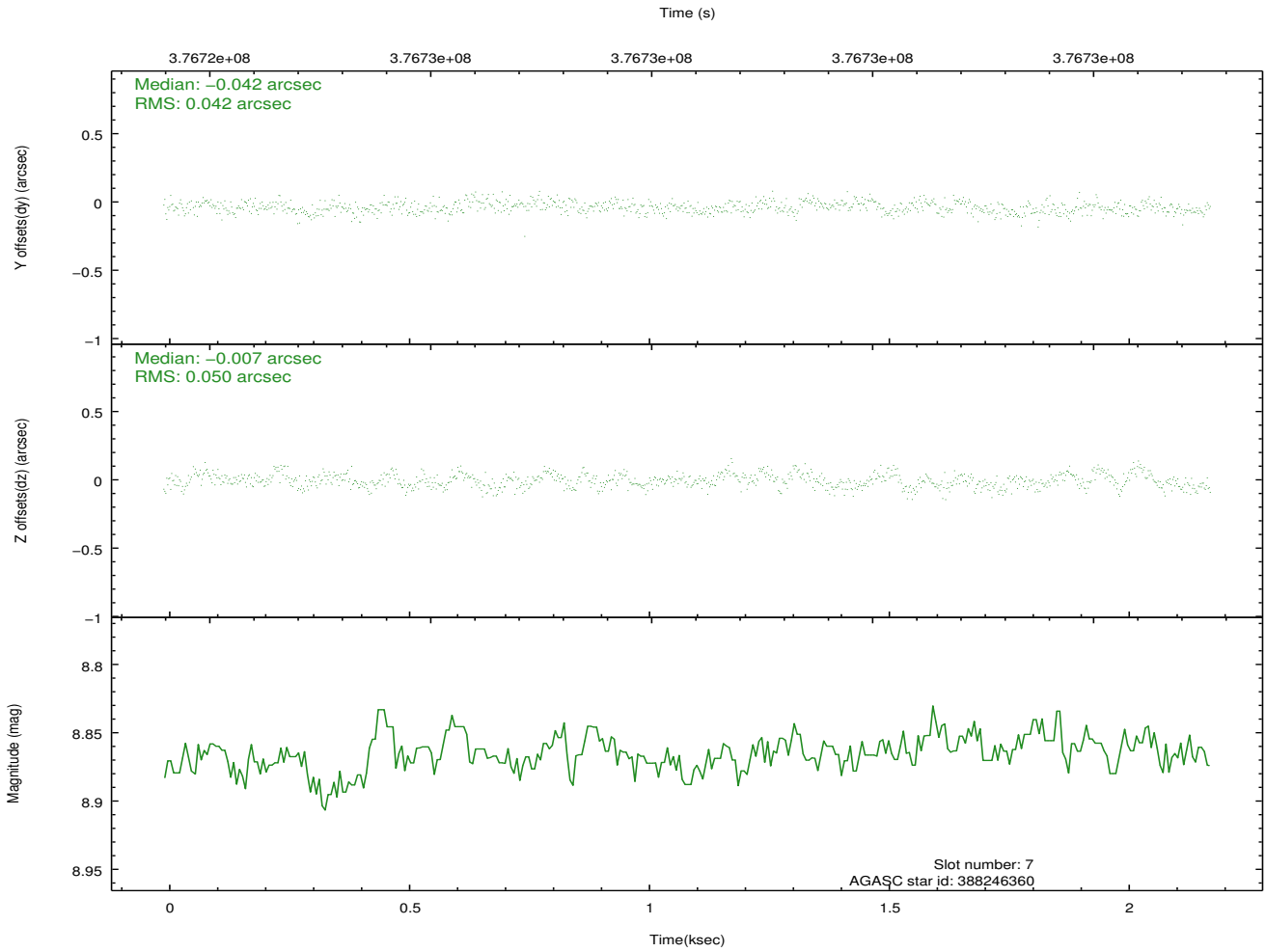
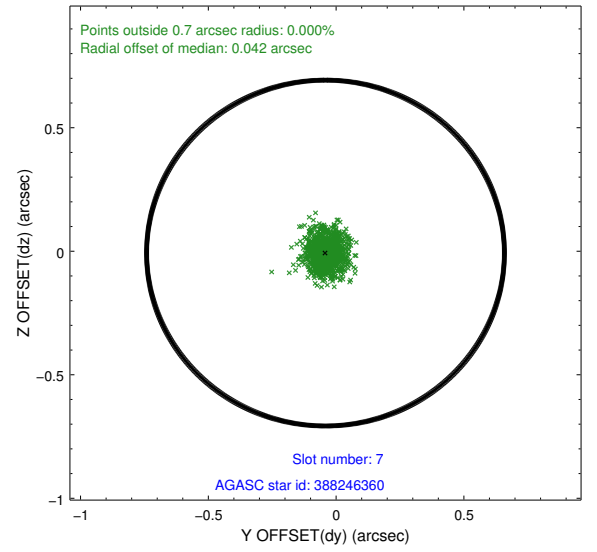
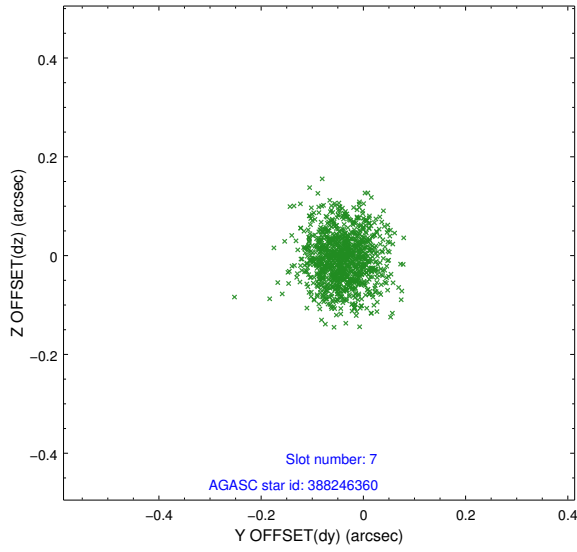
2.4.3 Slot 5



2.4.4 Slot 6

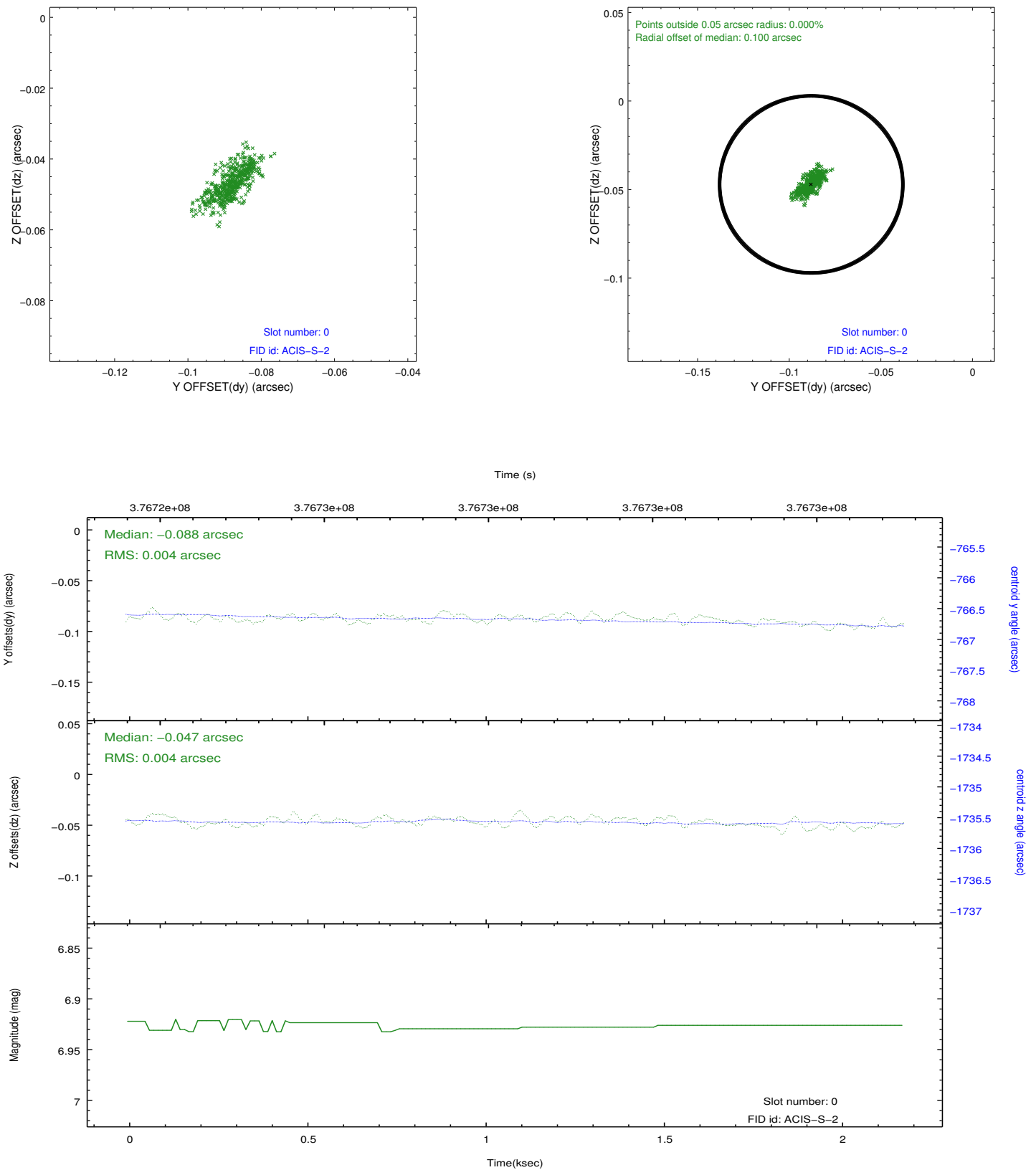


2.4.5 Slot 7

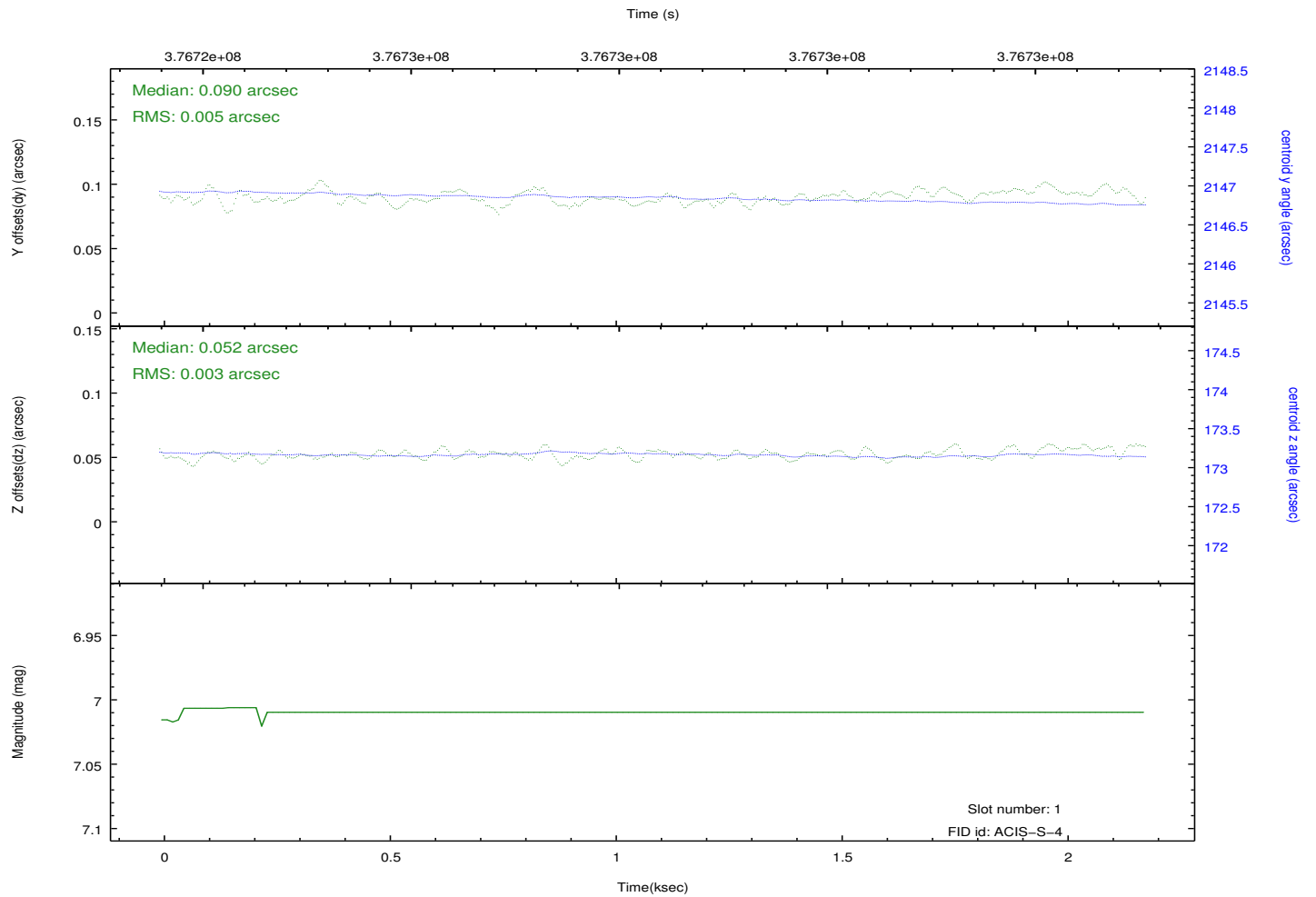
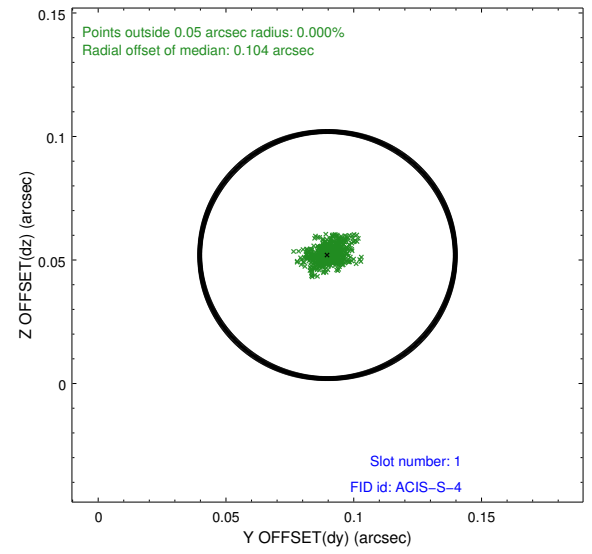
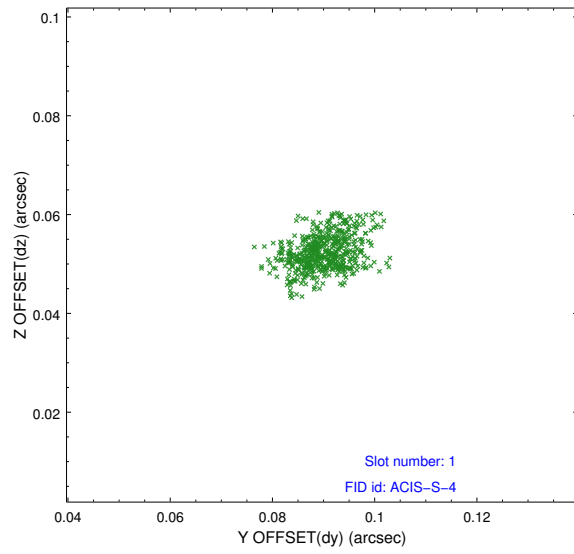


2.5 FID Slots

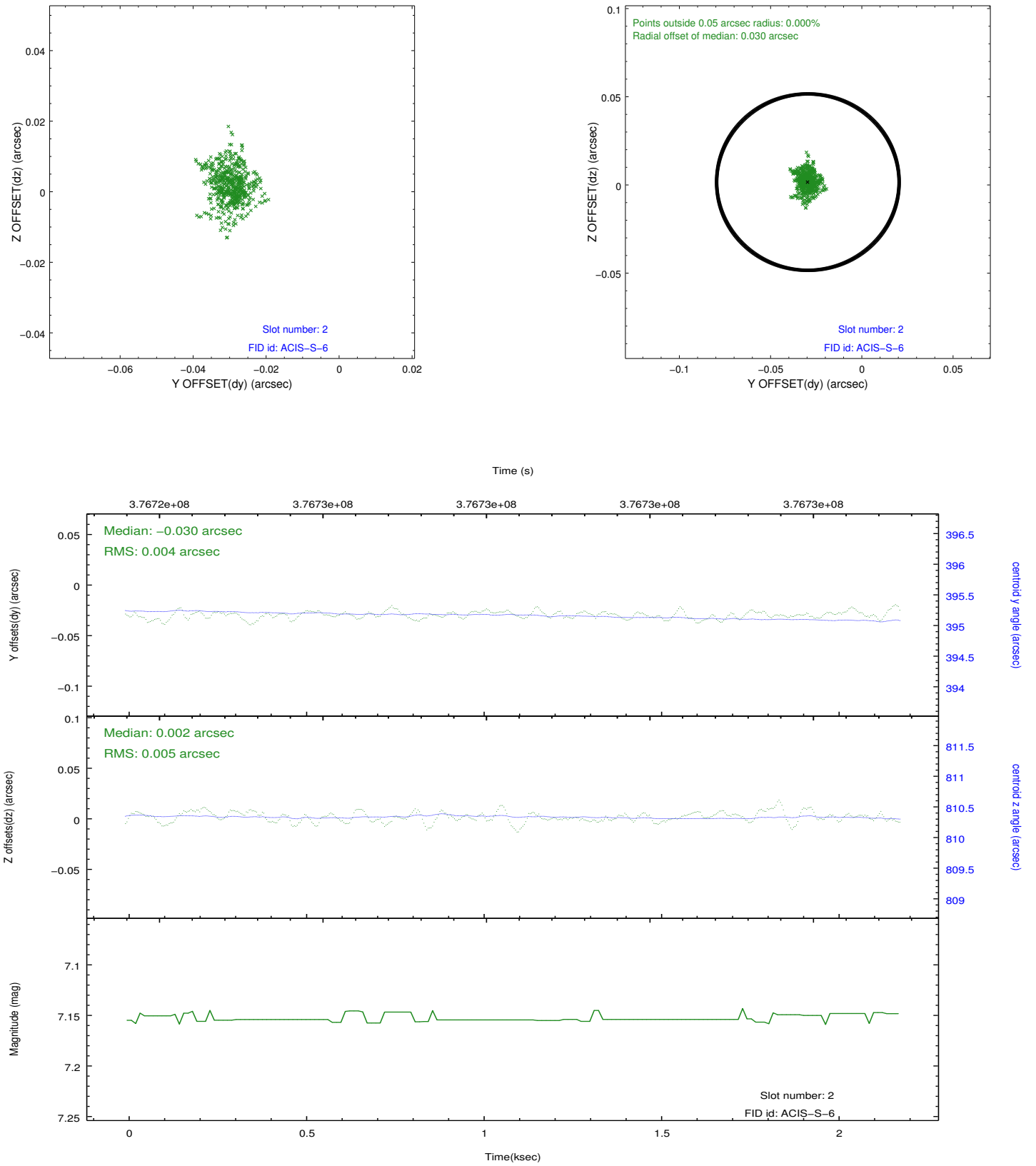
2.5.1 Slot 0



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)	2012.06.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.853999889493

A.2 Comments