

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11458 - L2 Version 2
Chandra X-Ray Center

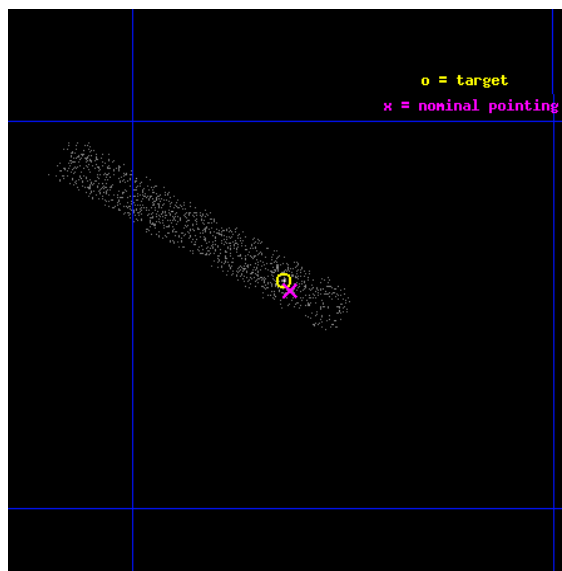
L2 Processing Date : Jun 23 2012

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1 Front

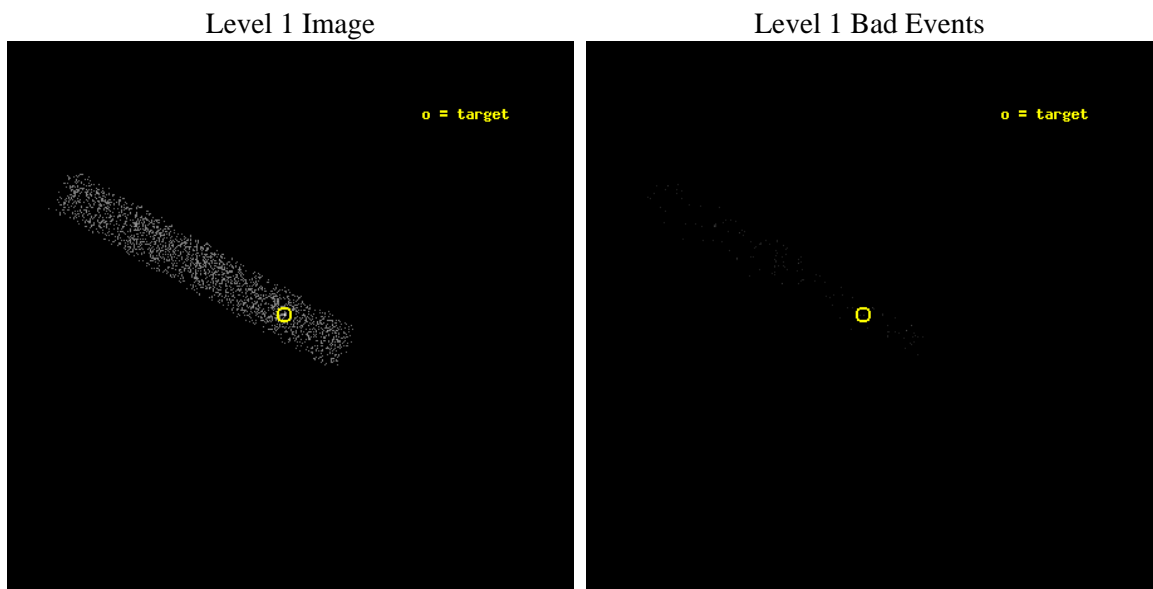
seq_num	702044	Sequence number
obs_id	11458	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J113638.38+424552.9	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	174.16	Observer's specified target RA [deg]
dec_targ	42.764694	Observer's specified target Dec [deg]
ra_nom	174.15670329064	Nominal RA [deg]
dec_nom	42.760280005139	Nominal Dec [deg]
roll_nom	209.21178432341	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2182.3998699188	Sum of GTIs [s]
livetime	1979.3214855059	Livetime [s]
ontime7	2182.3998699188	Sum of GTIs [s]
l2events	1511	Number of level 2 events



2 OBI

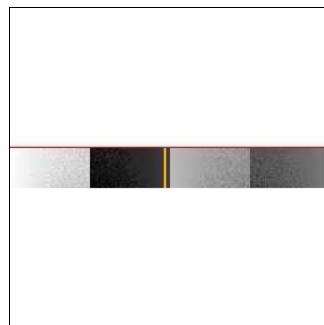
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2182.3998699188	Sum of GTIs [s]
caldbver	4.4.10	 	ontime7	2182.3998699188	Sum of GTIs [s]
date	2012-06-23T19:24:35	Date and time of file creation	l1events	4333	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

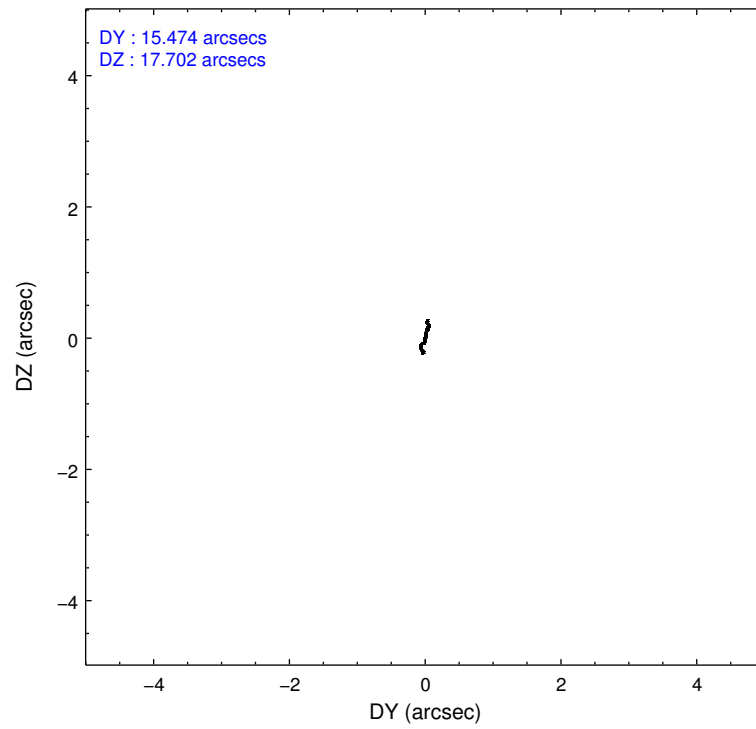
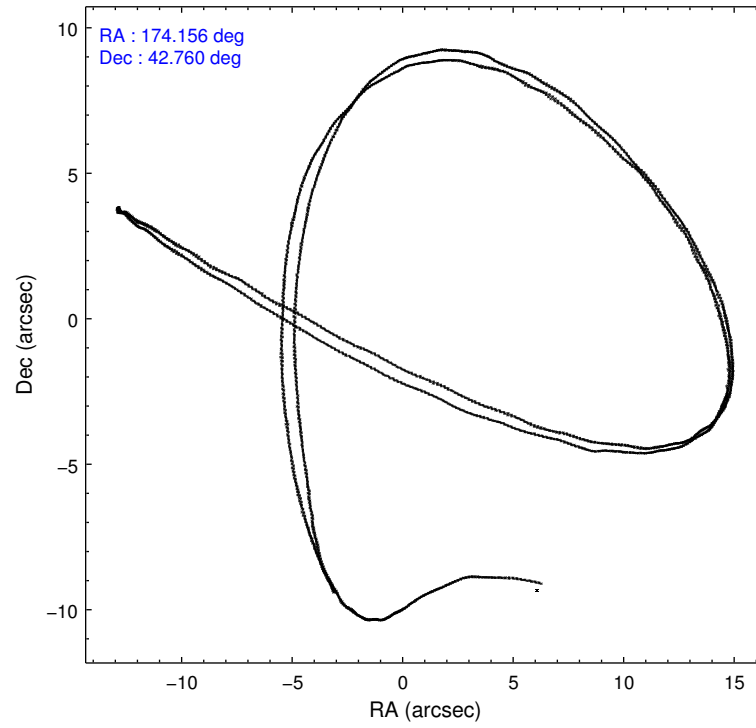
	ccd 7
level 1 events	4333
rejected events	2763
rejected %	63%

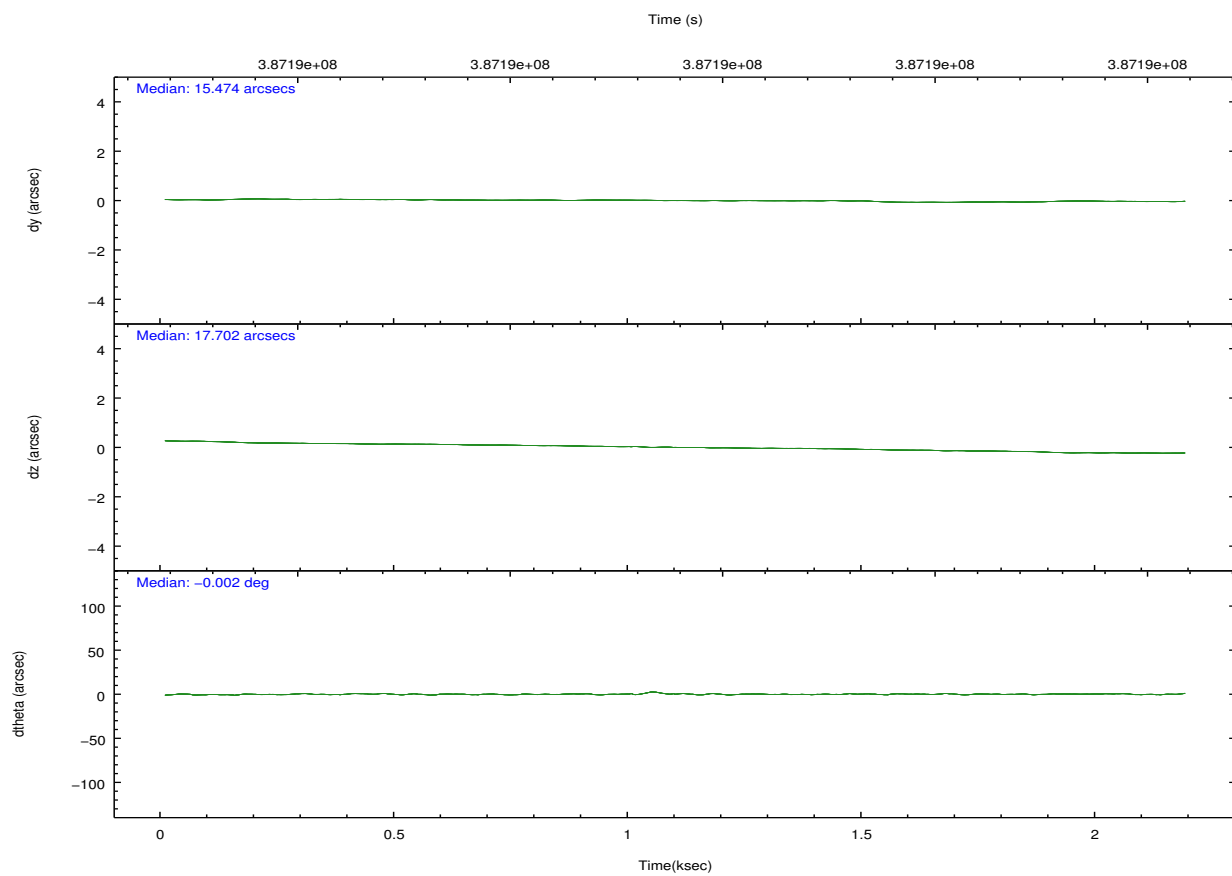
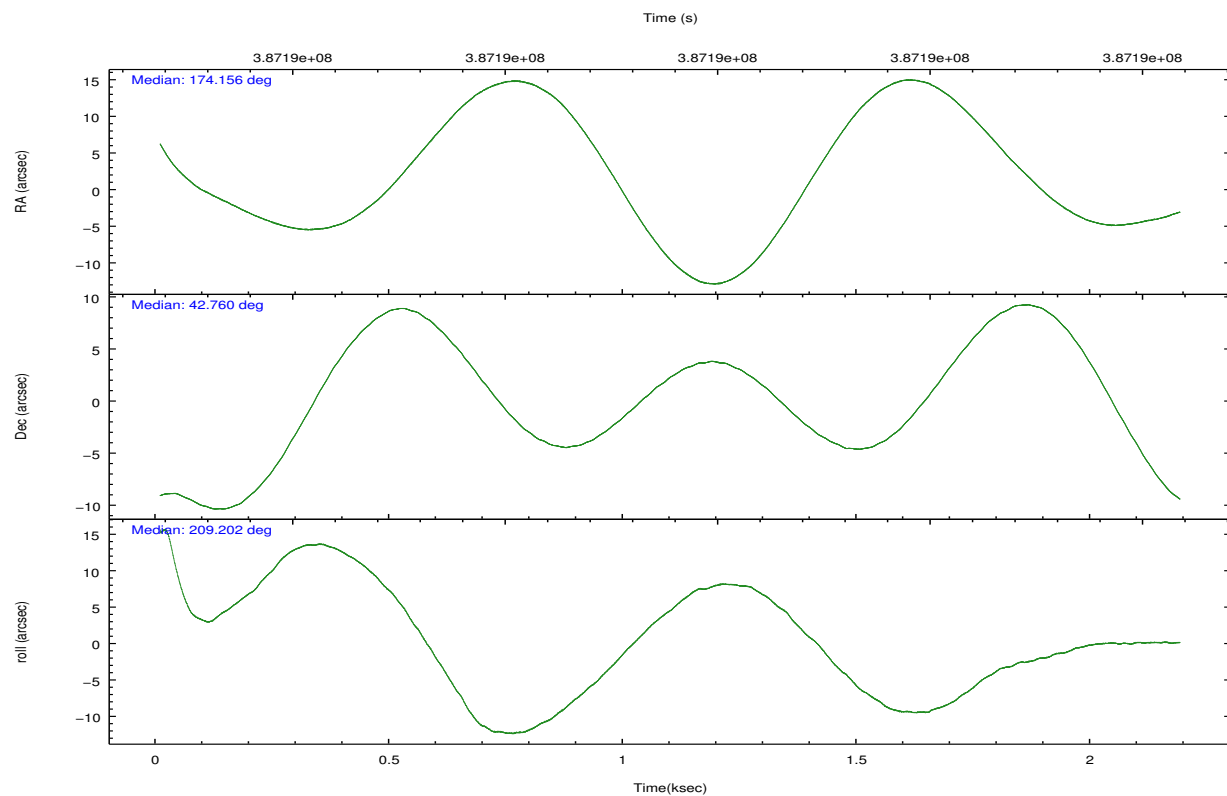
	ccd 7
grade 0 events	279
	6%
grade 1 events	7
	0%
grade 2 events	473
	10%
grade 3 events	336
	7%
grade 4 events	301
	6%
grade 5 events	435
	10%
grade 6 events	947
	21%
grade 7 events	1555
	35%

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	174.175427	174.1567032906448	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	42.784134	42.76028000513933	Subarray start row	449	449
[deg] Pointing Roll	209.042333	209.2117843234063	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	-190.145094680475			
[mm] SIM translation stage offset	0	0.01257209746719923			
[s] Observation start time (MET)	387186978.184000	387185638.56731			
Observation start date	2010-04-09T07:55:12	2010-04-09T07:33:58			
[s] Observation end time (MET)	387188978.184000	387189726.26751			
Observation end date	2010-04-09T08:28:32	2010-04-09T08:42:06			
Read mode	TIMED	TIMED			

2.3 Aspect



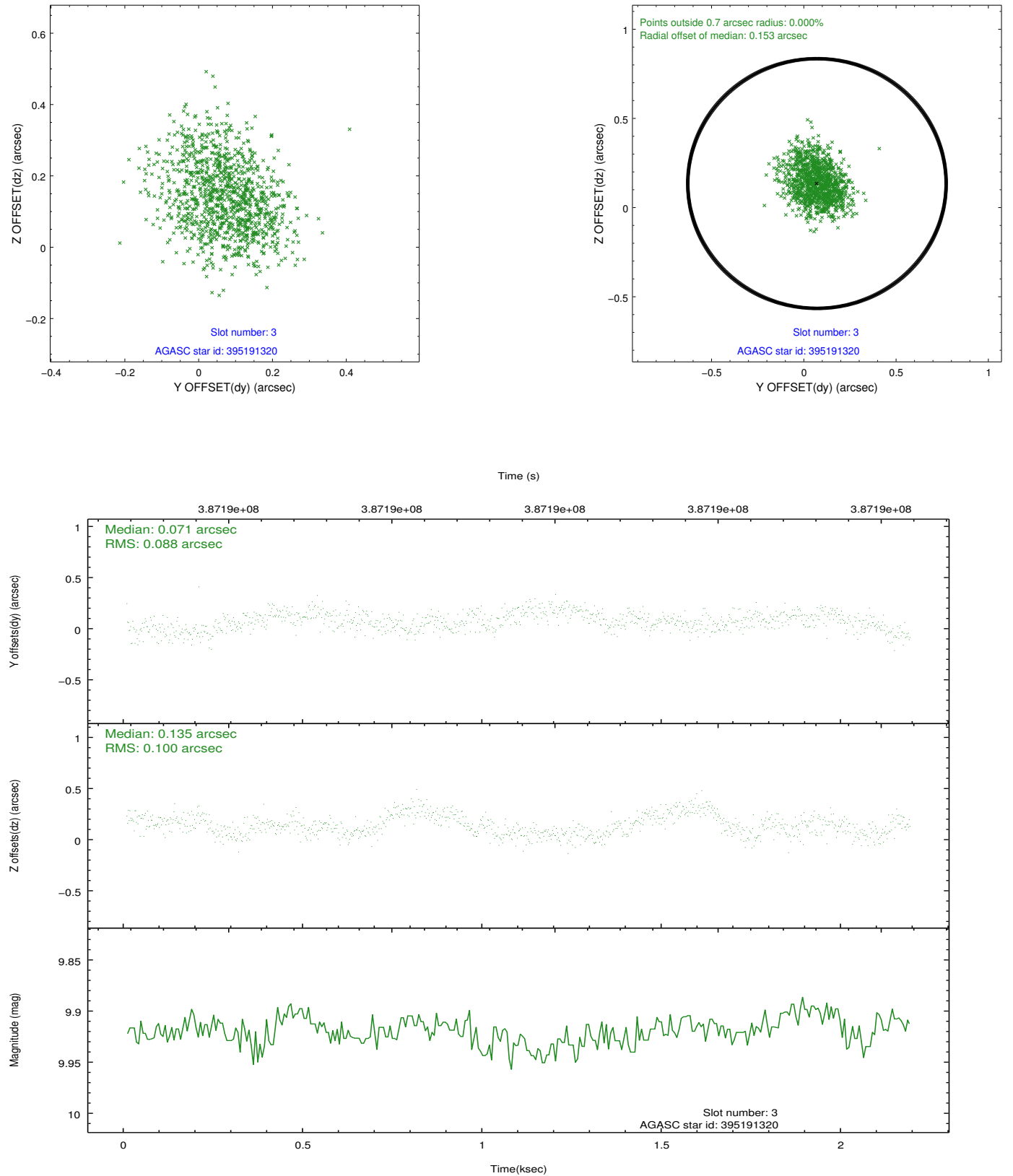


Slot Statistics

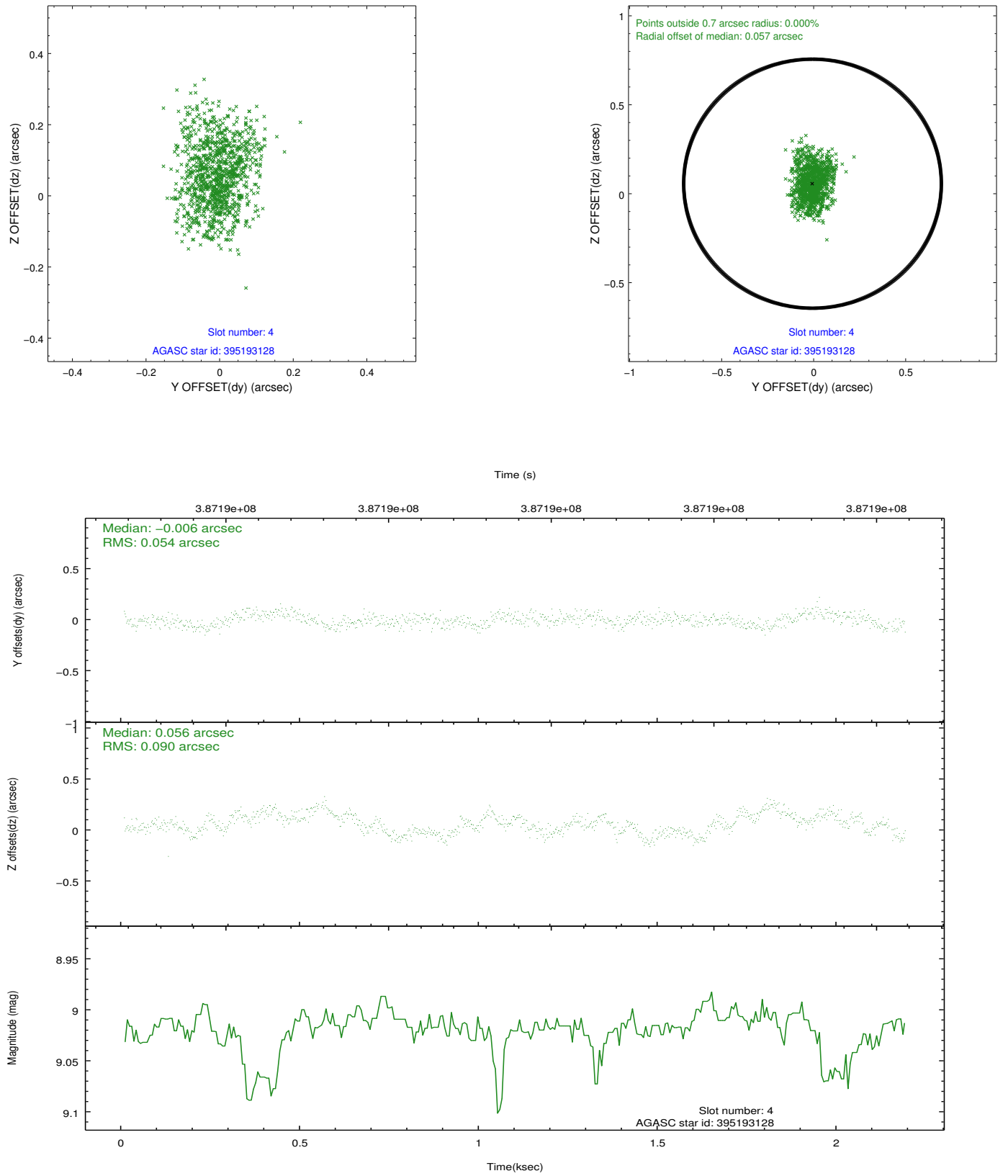
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.88	533	-0.098	-0.053	0.005	0.011	0.000000	0.000000	-768.62	-1739.07
1	FID	ACIS-S-4	6.97	533	0.114	0.055	0.006	0.010	0.000000	0.000000	2143.57	166.31
2	FID	ACIS-S-6	7.11	533	-0.044	0.005	0.006	0.011	0.000000	0.000000	397.33	807.11
3	GUIDE	395191320	9.92	1064	0.071	0.135	0.142	0.226	174.713268	43.213666	-1986.61	-671.26
4	GUIDE	395193128	9.02	1058	-0.006	0.056	0.111	0.181	174.099141	42.310250	1004.23	1391.90
5	GUIDE	395194008	9.52	1065	-0.058	-0.146	0.114	0.183	174.104184	42.708630	296.79	147.84
6	GUIDE	395195688	8.01	1065	-0.081	-0.086	0.077	0.124	174.748829	42.328807	-542.37	2164.54
7	GUIDE	395197368	9.75	1060	0.087	0.034	0.136	0.239	173.969660	42.470749	1024.30	722.47

2.4 Star Slots

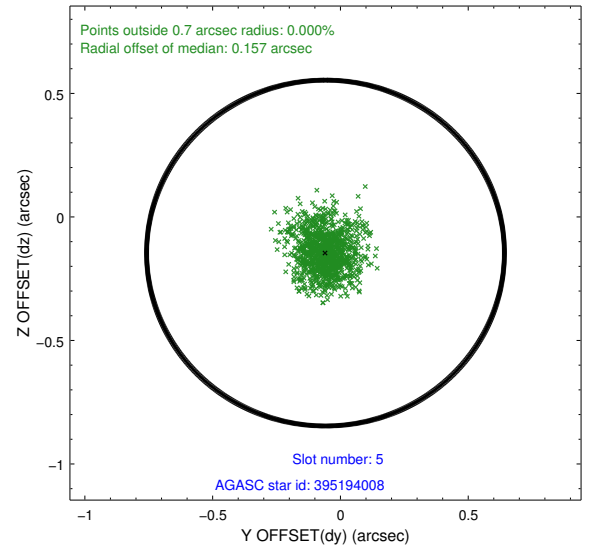
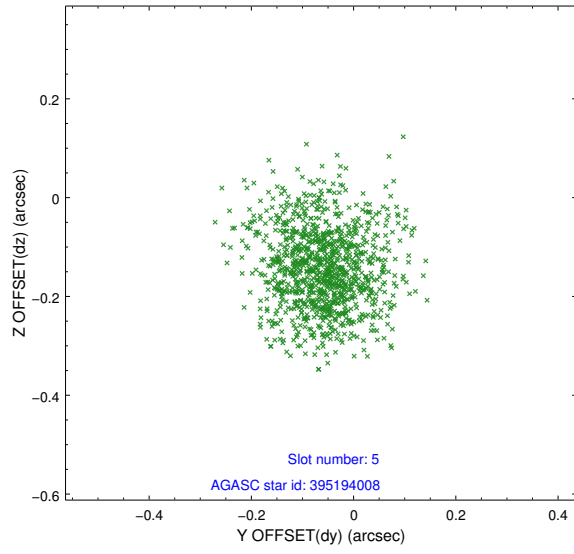
2.4.1 Slot 3



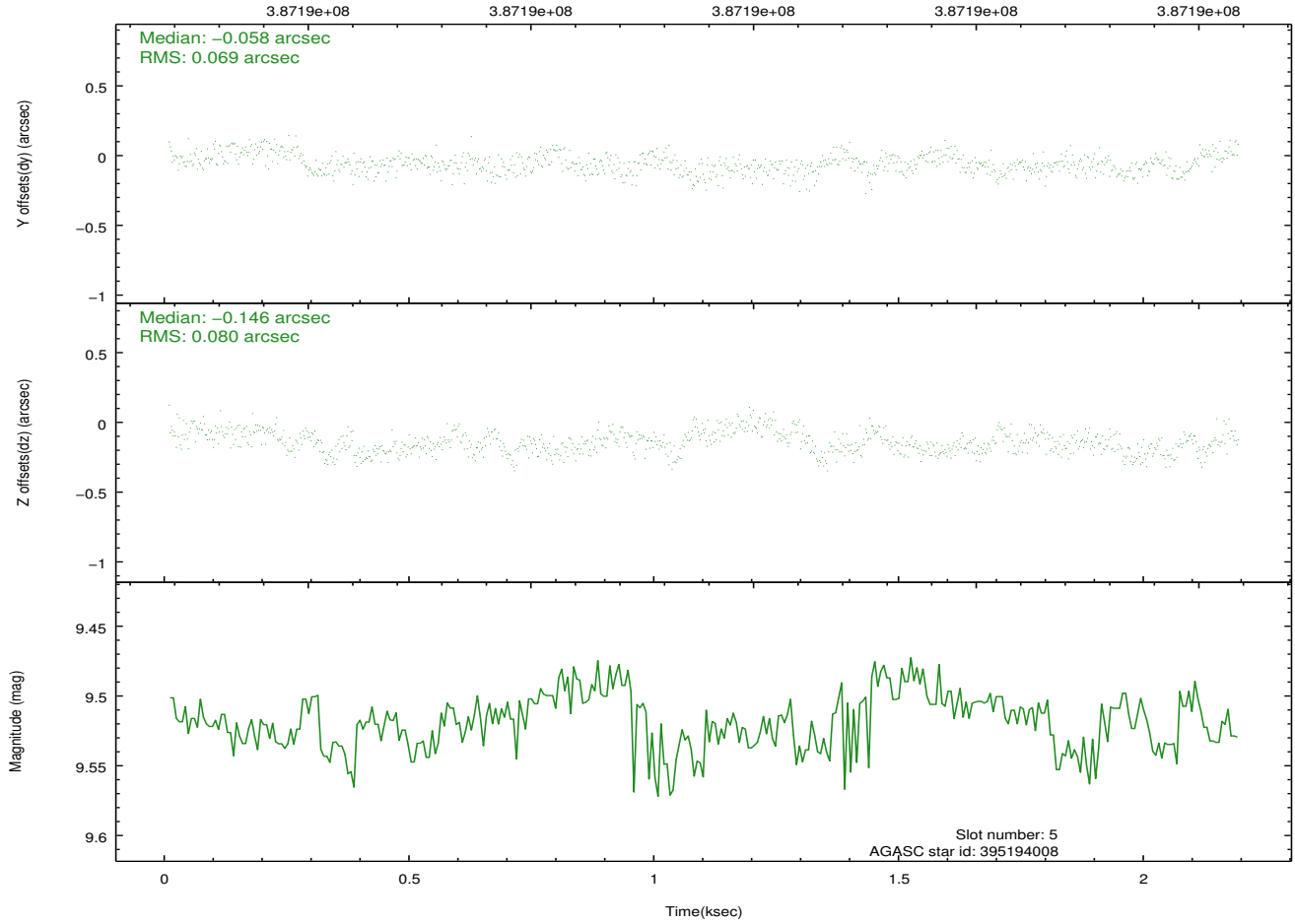
2.4.2 Slot 4



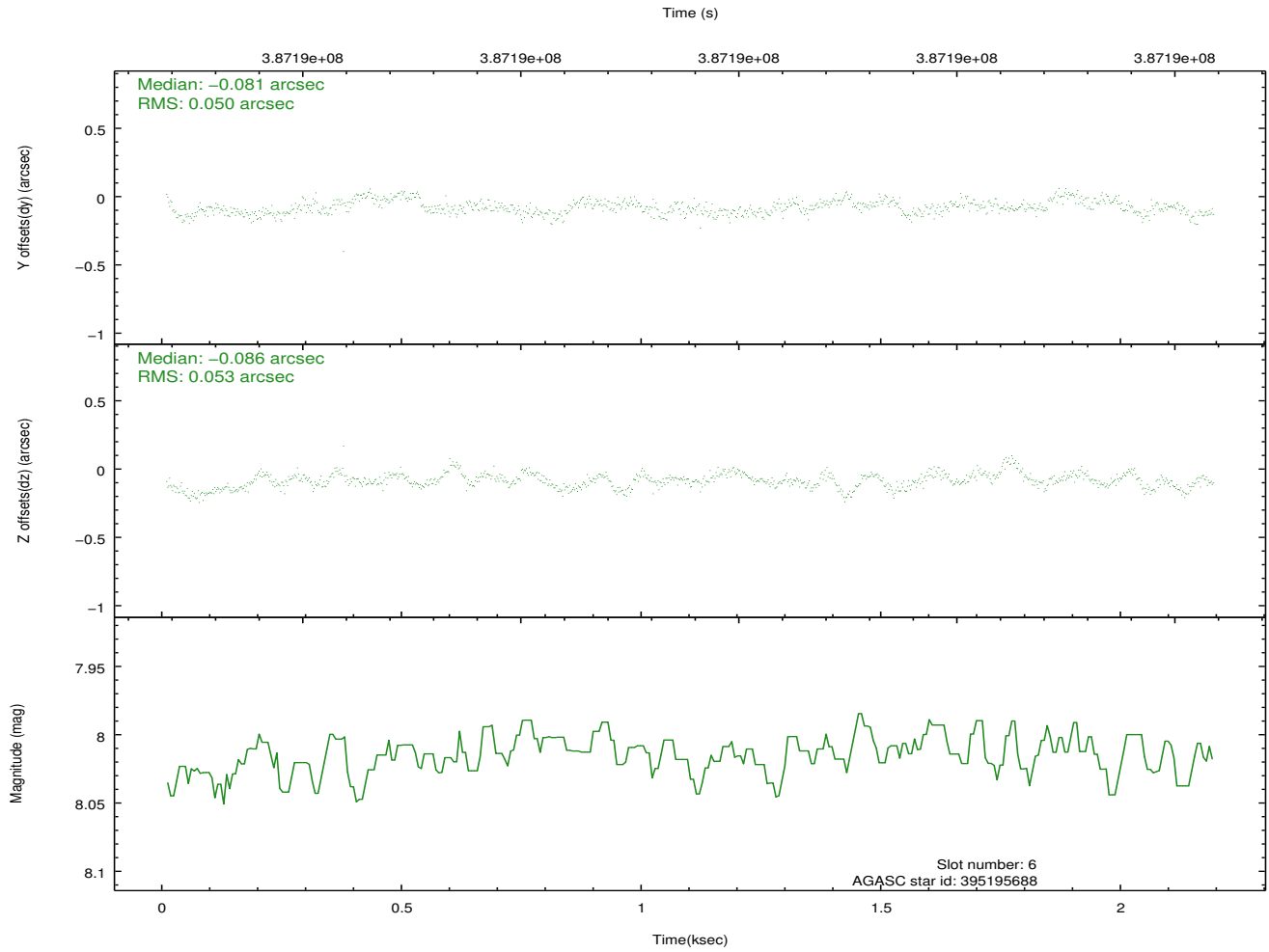
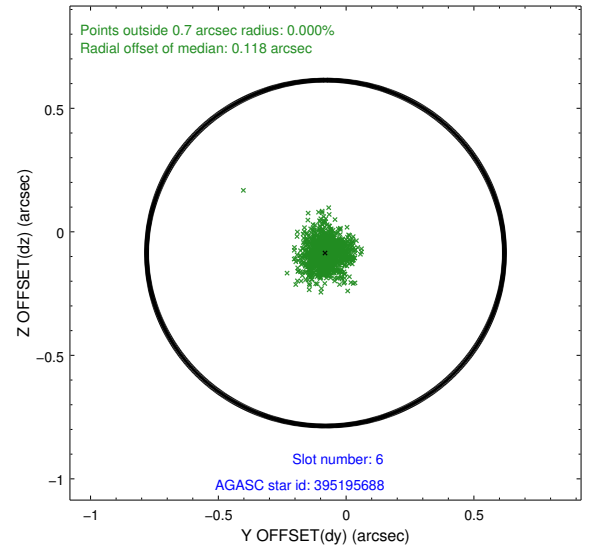
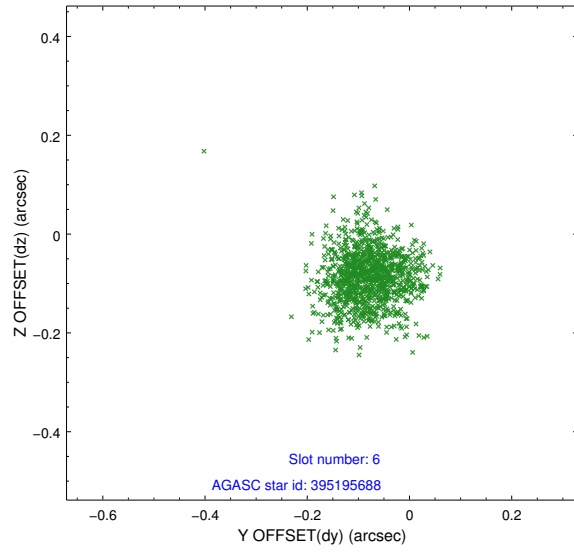
2.4.3 Slot 5



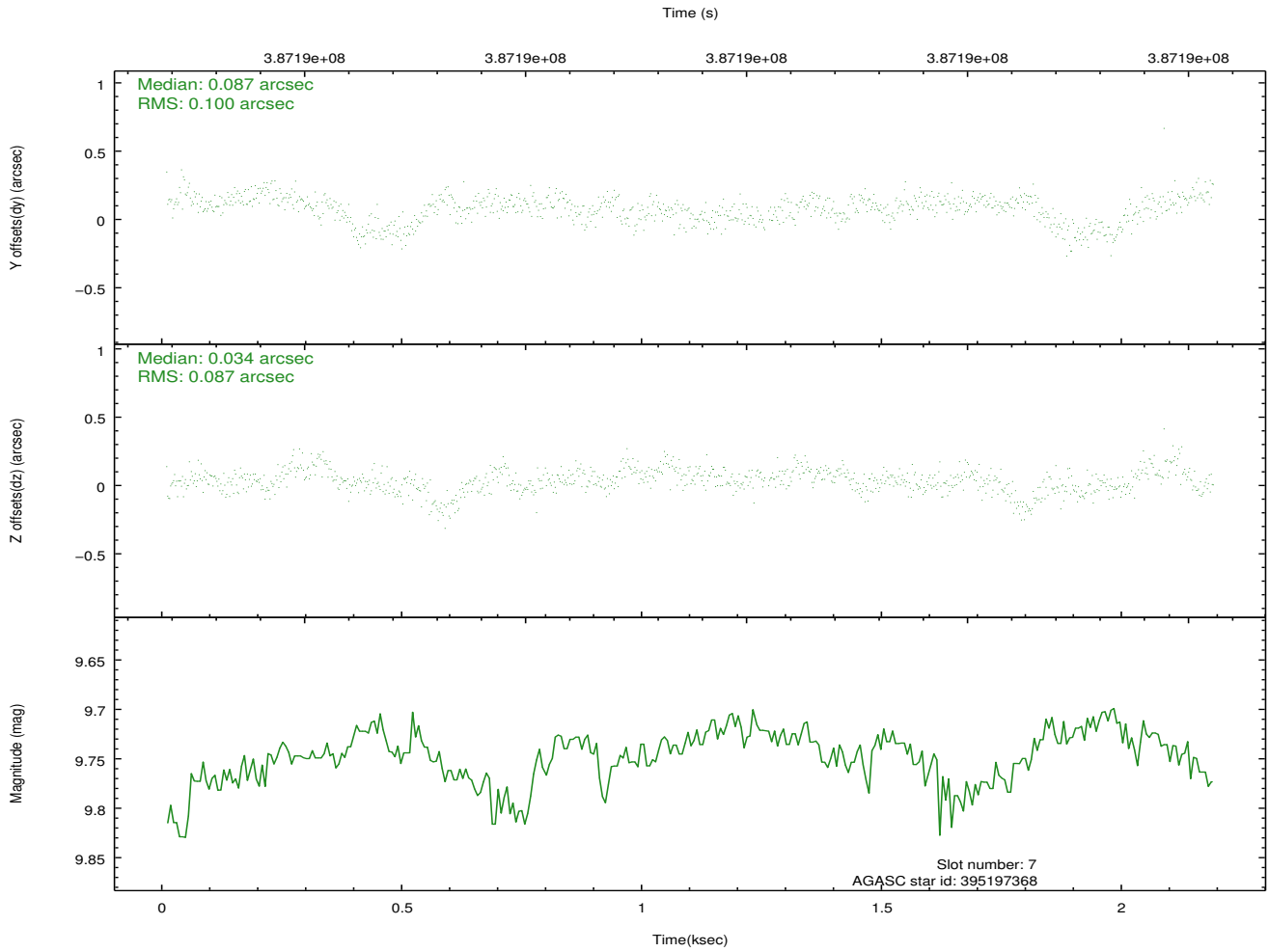
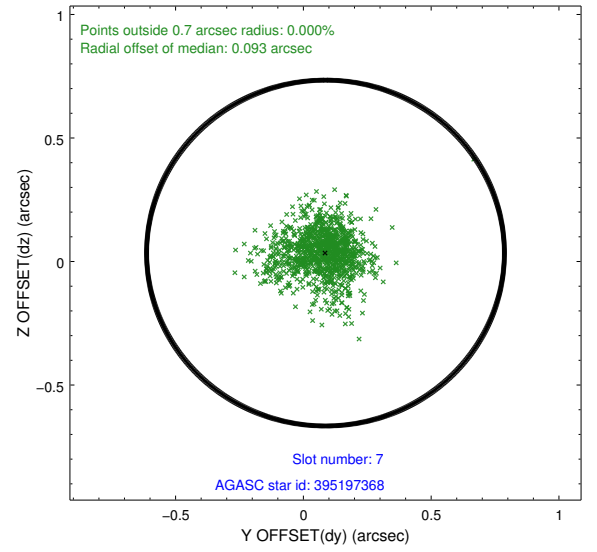
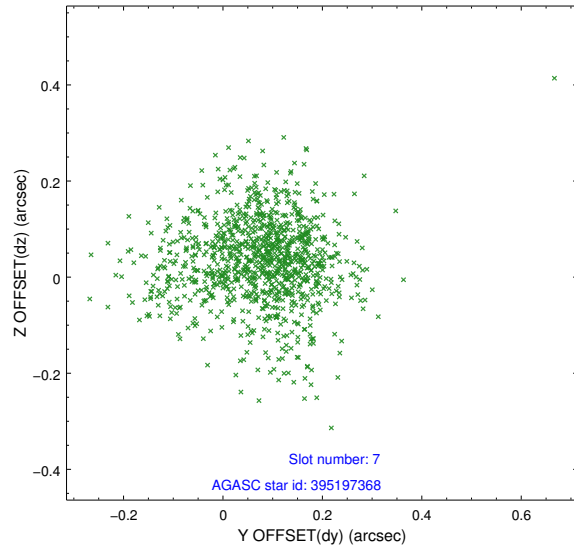
Time (s)



2.4.4 Slot 6

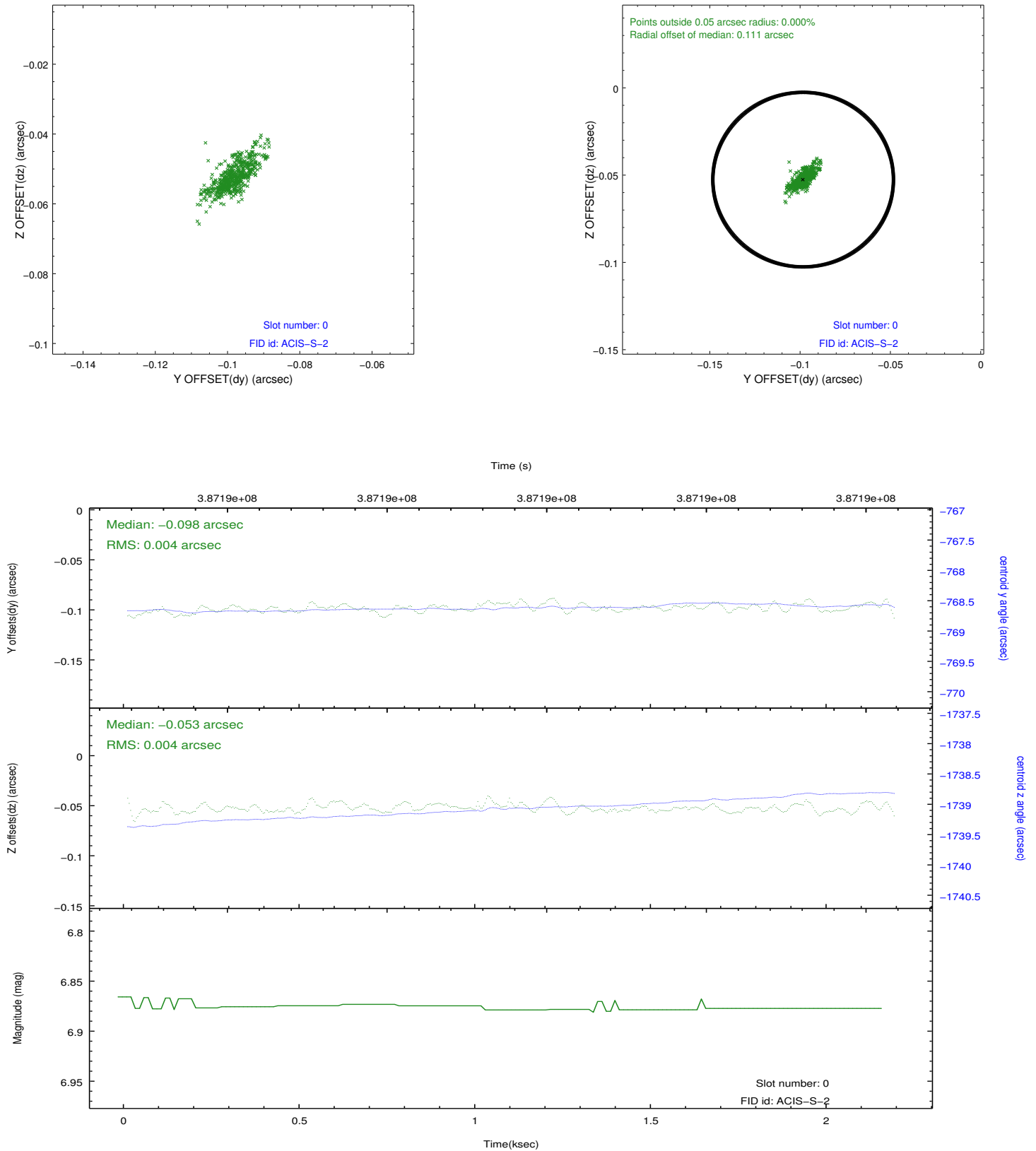


2.4.5 Slot 7

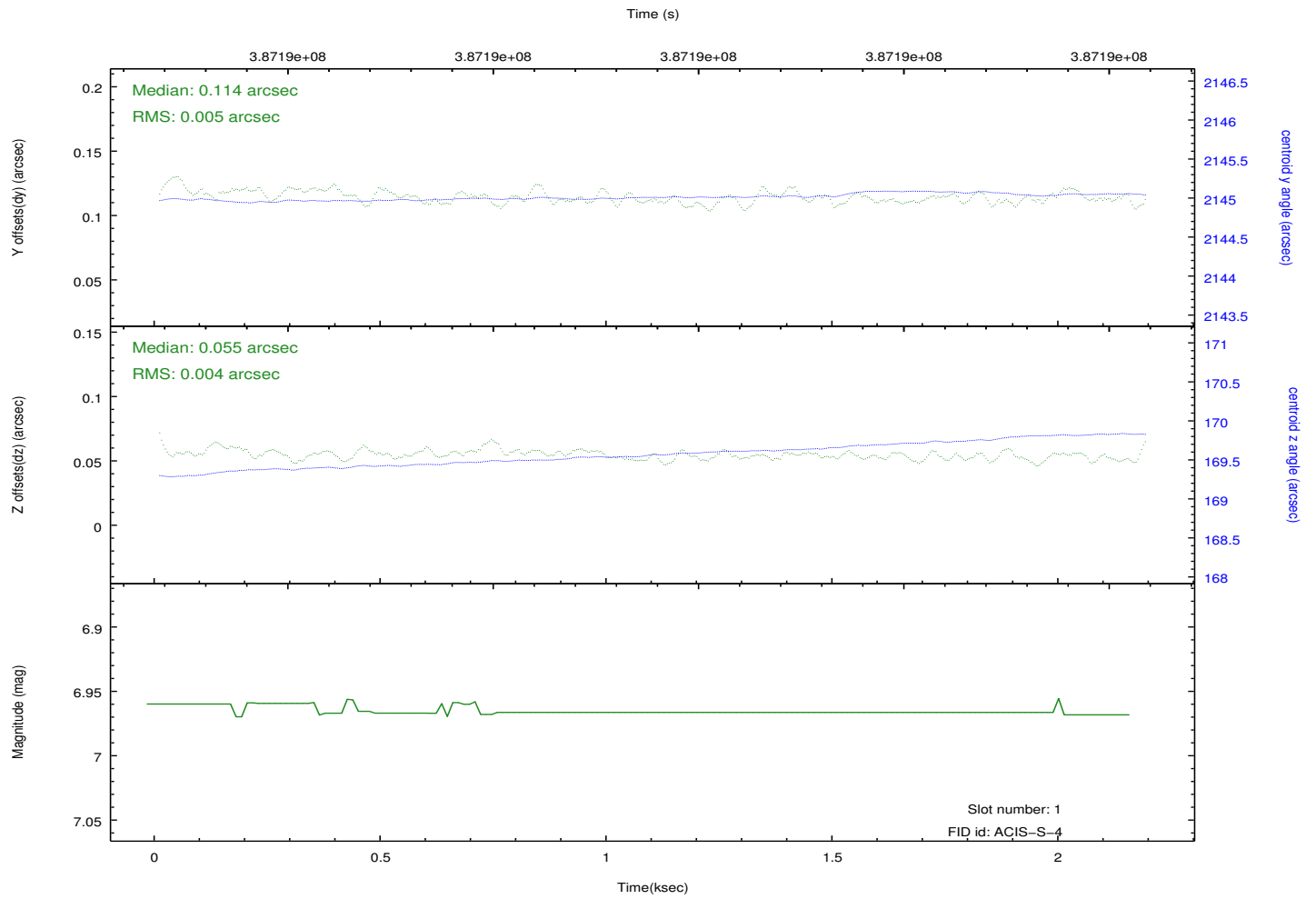
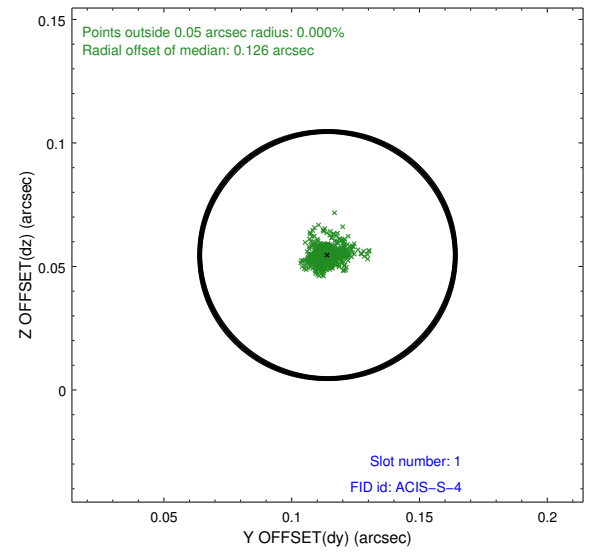
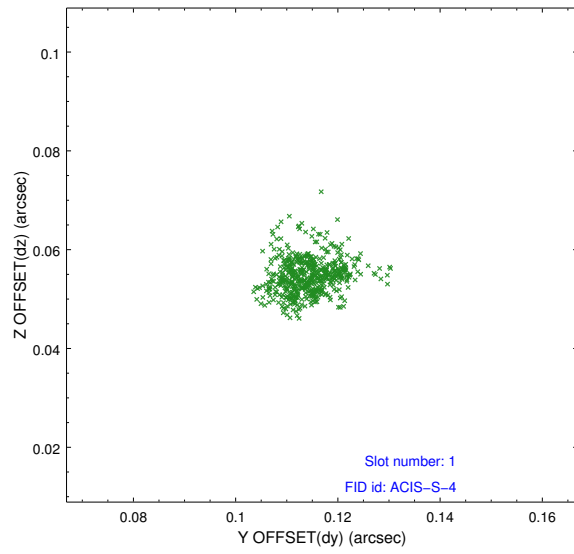


2.5 FID Slots

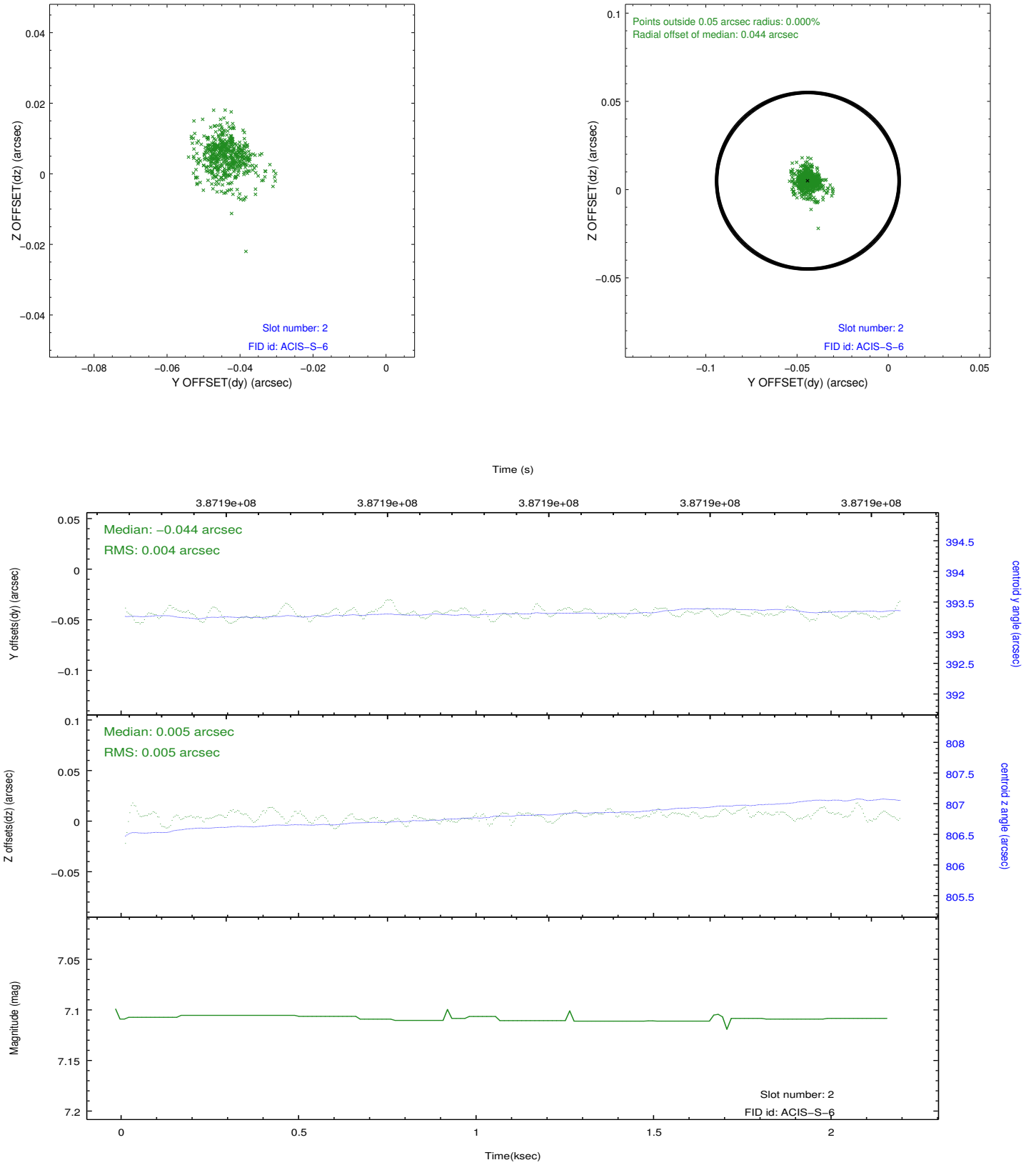
2.5.1 Slot 0



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	2.1823998699188

A.2 Comments