

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11471 - L2 Version 2
Chandra X-Ray Center

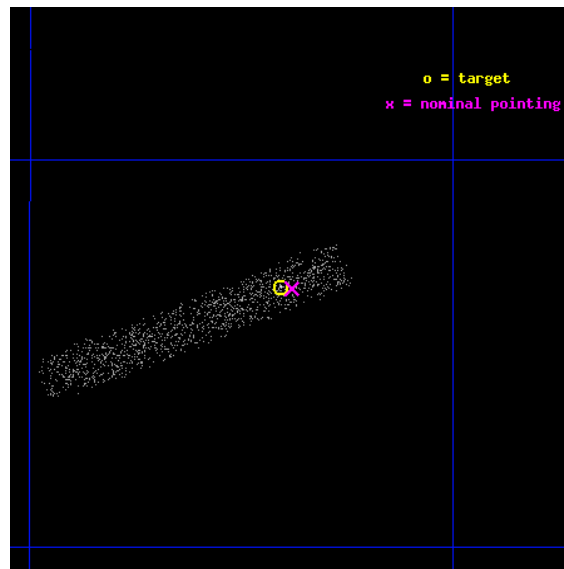
L2 Processing Date : Jun 23 2012

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1 Front

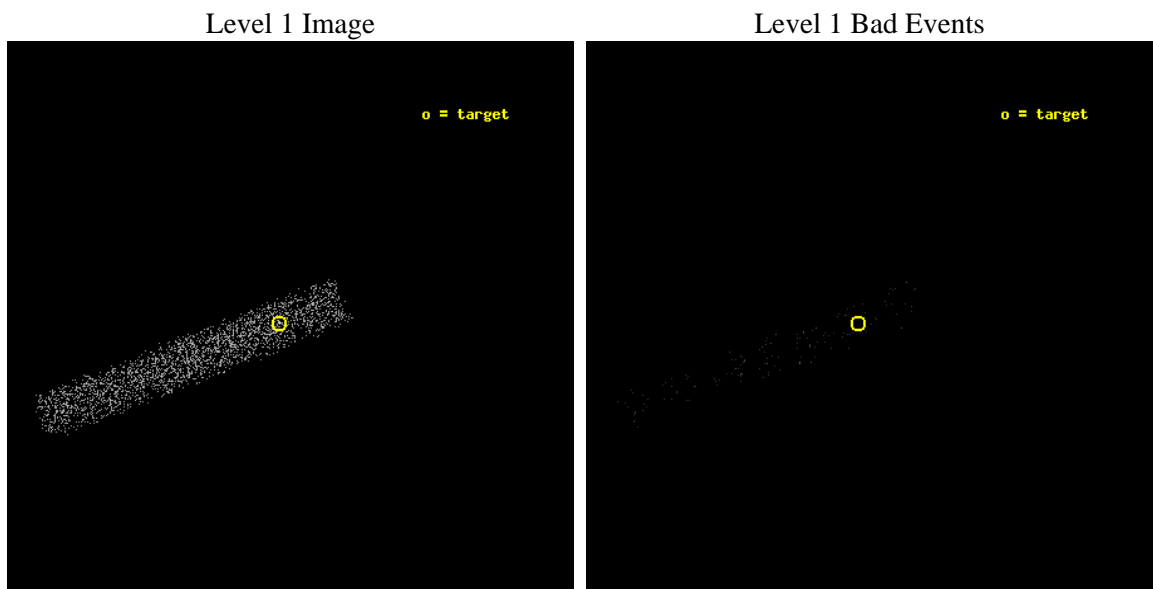
seq_num	702057	Sequence number
obs_id	11471	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J132224.40+422643.3	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	200.601667	Observer's specified target RA [deg]
dec_targ	42.445361	Observer's specified target Dec [deg]
ra_nom	200.59532952191	Nominal RA [deg]
dec_nom	42.444470299425	Nominal Dec [deg]
roll_nom	158.59466943381	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2163.9998710155	Sum of GTIs [s]
livetime	1962.6336577322	Livetime [s]
ontime7	2163.9998710155	Sum of GTIs [s]
l2events	1406	Number of level 2 events



2 OBI

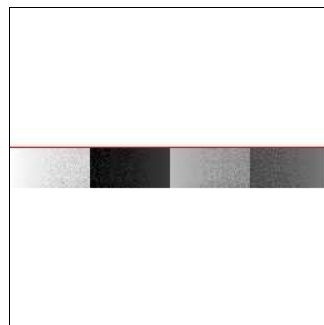
2.1 OBI

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	2163.9998710155	Sum of GTIs [s]
caldbver	4.4.10	 	ontime7	2163.9998710155	Sum of GTIs [s]
date	2012-06-23T05:50:54	Date and time of file creation	l1events	4412	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

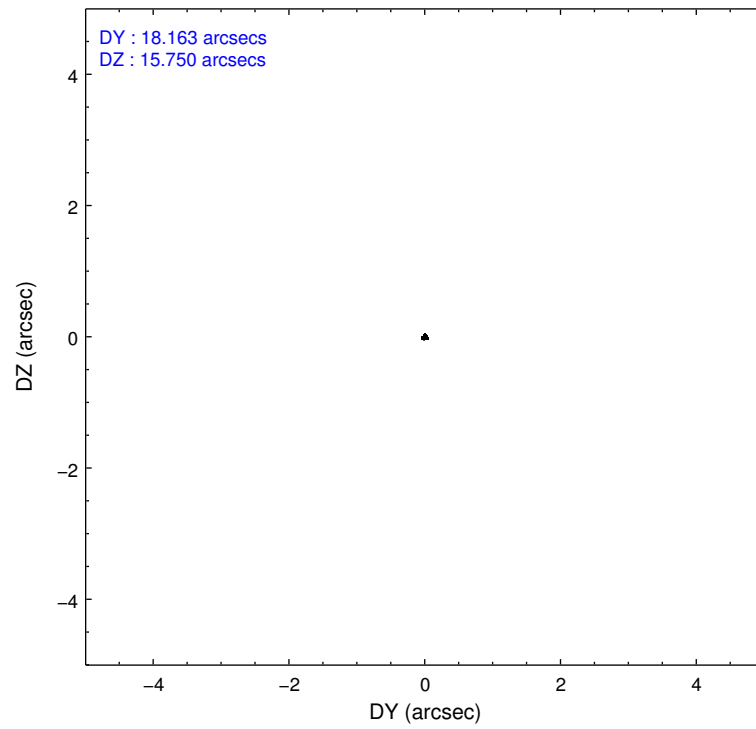
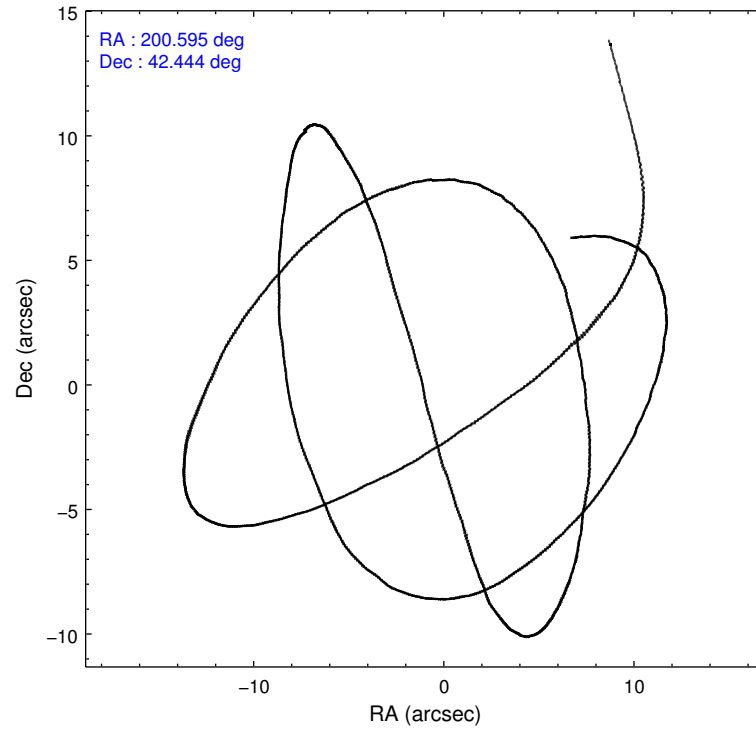
	ccd 7
level 1 events	4412
rejected events	2932
rejected %	66%

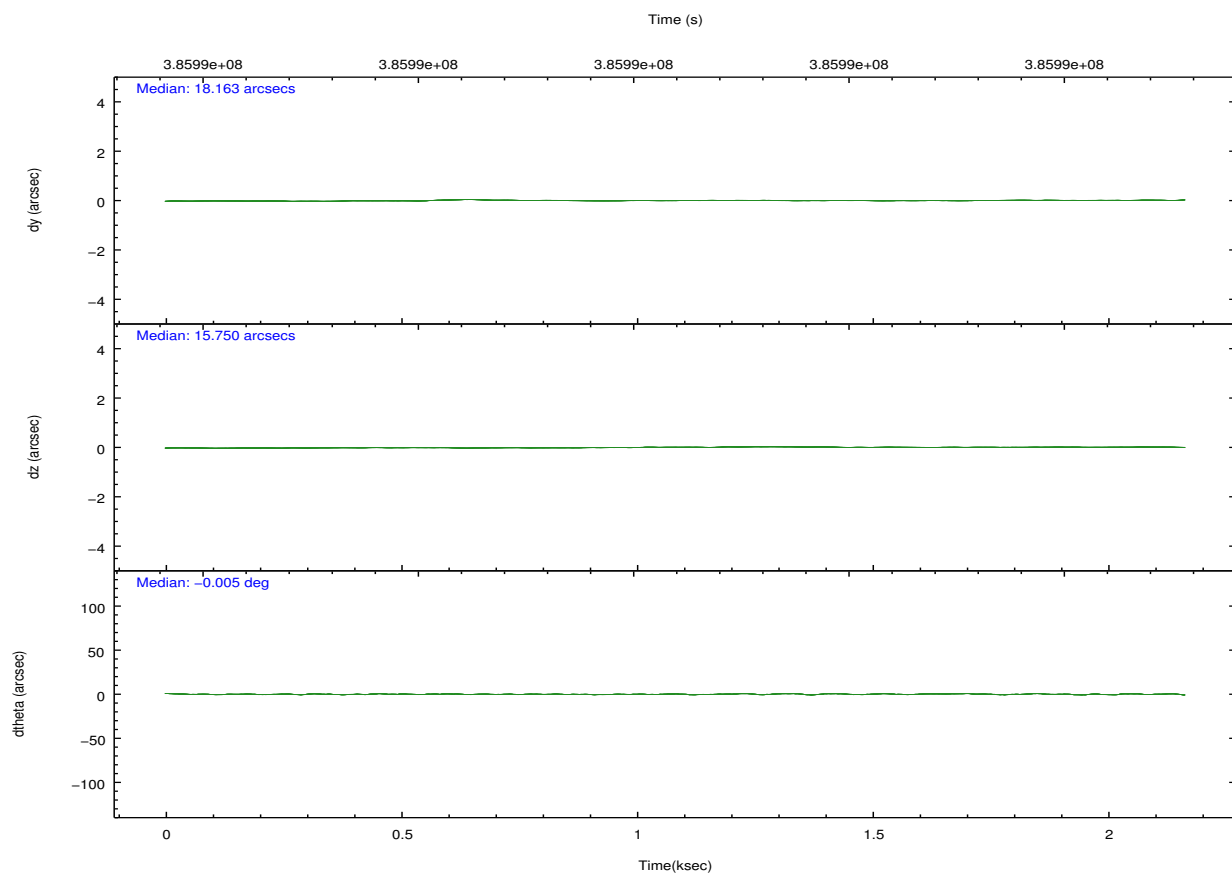
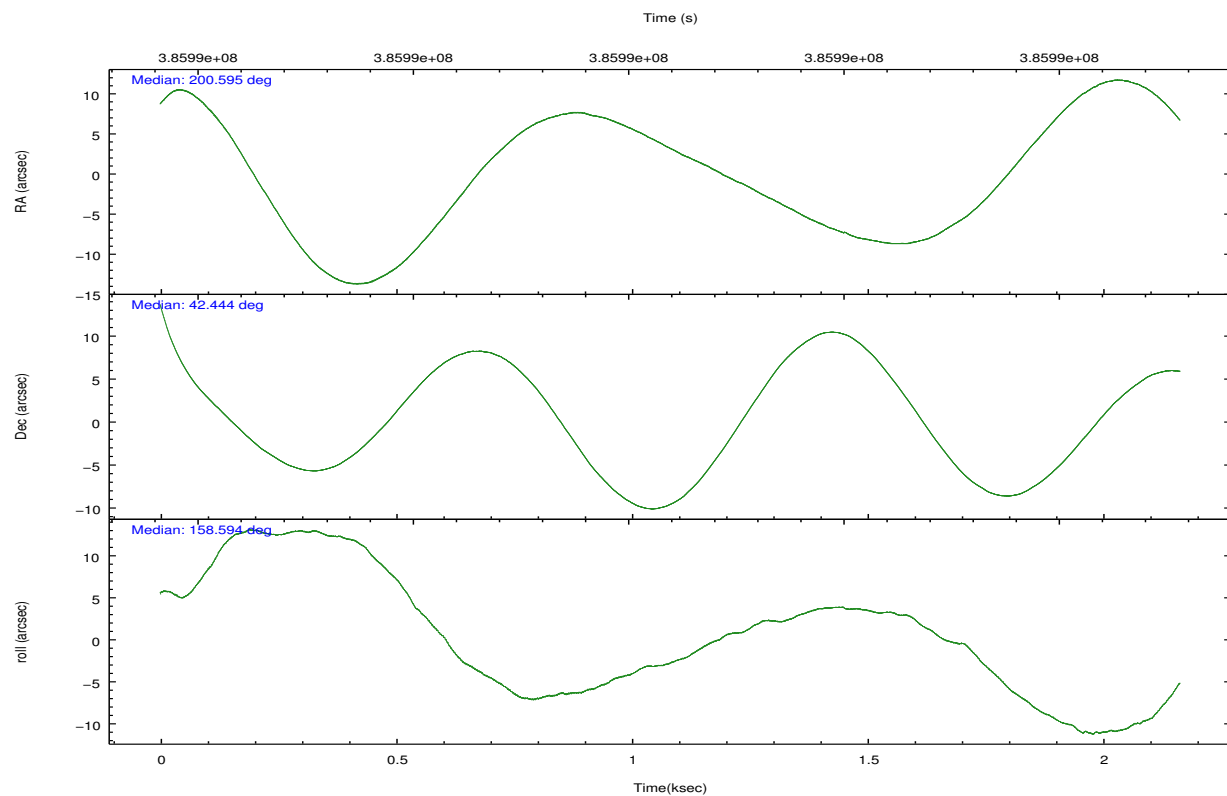
	ccd 7
grade 0 events	255
	5%
grade 1 events	6
	0%
grade 2 events	455
	10%
grade 3 events	305
	6%
grade 4 events	266
	6%
grade 5 events	460
	10%
grade 6 events	991
	22%
grade 7 events	1674
	37%

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	200.631764	200.5953295219059	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	42.448936	42.44447029942509	Subarray start row	449	449
[deg] Pointing Roll	158.413457	158.5946694338134	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)	385991171.184000	385989832.50655			
Observation start date	2010-03-26T11:45:05	2010-03-26T11:23:52			
[s] Observation end time (MET)	385993171.184000	385994191.83177			
Observation end date	2010-03-26T12:18:25	2010-03-26T12:36:31			
Read mode	TIMED	TIMED			

2.3 Aspect



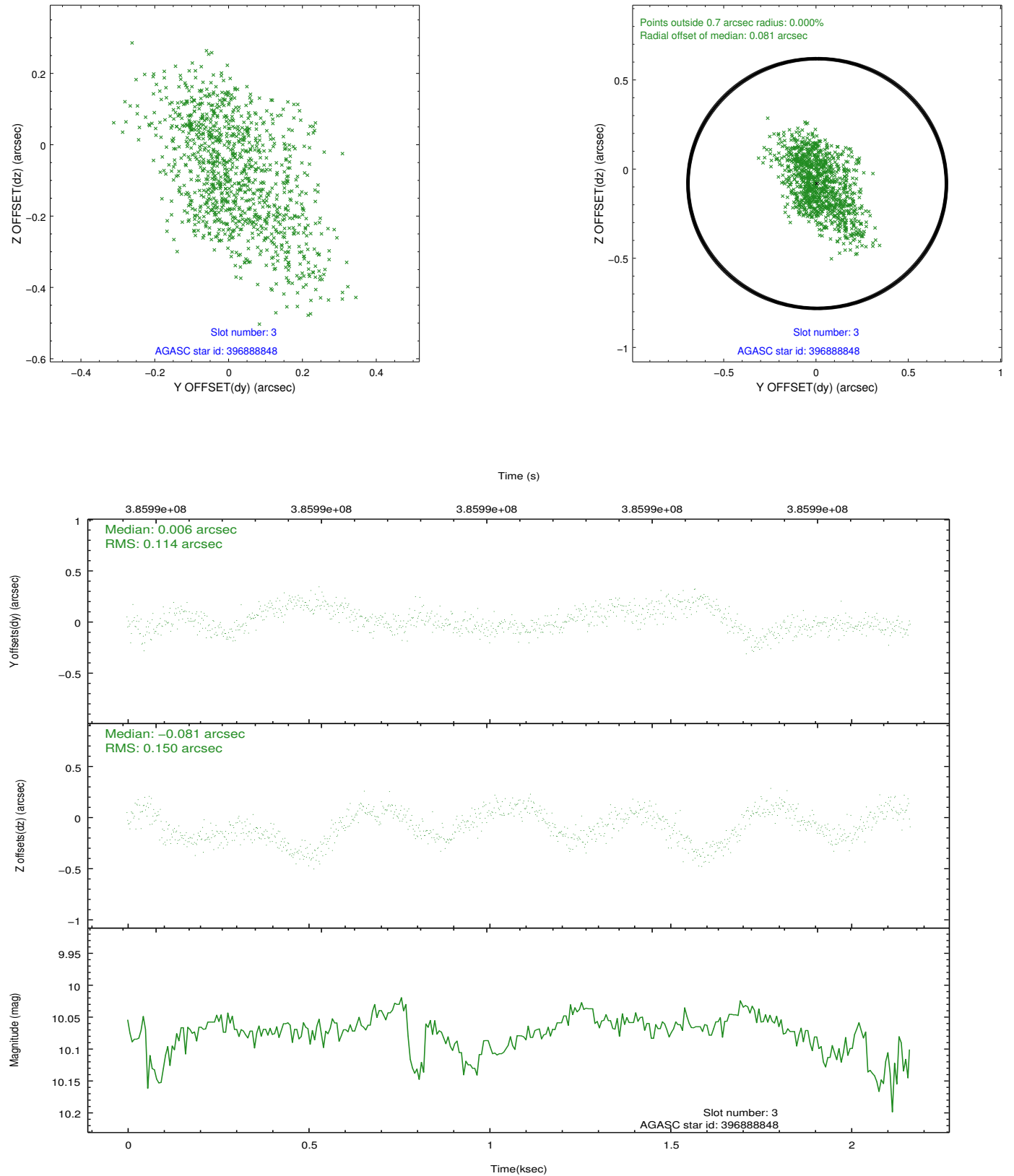


Slot Statistics

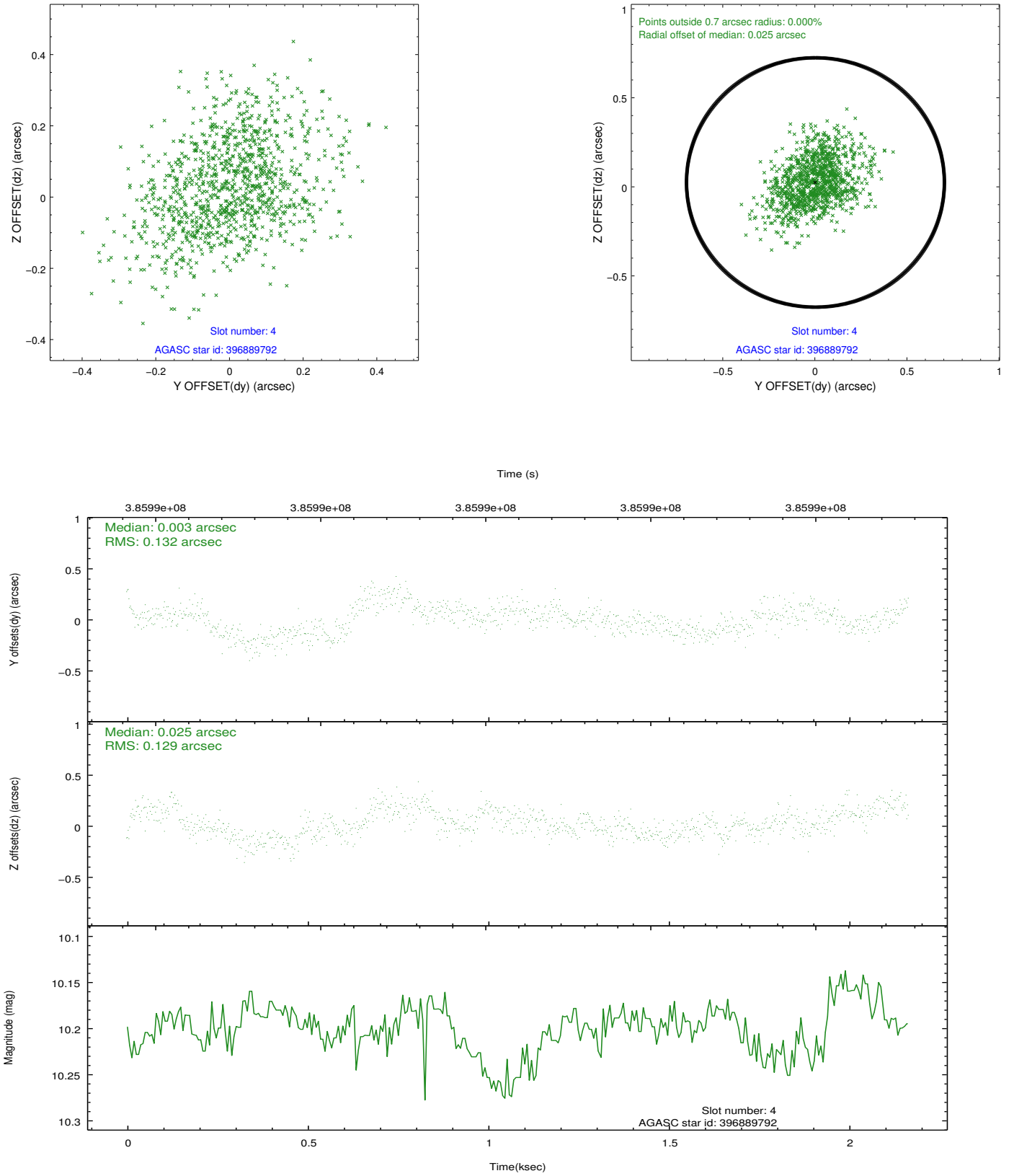
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.92	528	-0.093	-0.027	0.006	0.010	0.000000	0.000000	-771.29	-1737.18
1	FID	ACIS-S-4	6.99	528	0.252	0.052	0.006	0.010	0.000000	0.000000	2140.92	168.29
2	FID	ACIS-S-5	7.02	528	-0.190	-0.016	0.007	0.010	0.000000	0.000000	-1820.39	165.27
3	GUIDE	396888848	10.07	1052	0.006	-0.081	0.196	0.339	201.011108	41.881777	-1695.48	1522.67
4	GUIDE	396889792	10.20	1054	0.003	0.025	0.190	0.327	200.929420	42.146556	-1139.70	720.24
5	GUIDE	397280840	9.54	1053	0.074	-0.018	0.179	0.274	201.595349	42.613179	-2151.51	-1501.65
6	GUIDE	397281448	8.11	1057	-0.089	0.008	0.110	0.162	200.111625	43.111167	2151.91	-1716.53
7	GUIDE	397283920	9.27	1056	-0.011	0.063	0.131	0.206	201.322581	42.699311	-1363.19	-1518.25

2.4 Star Slots

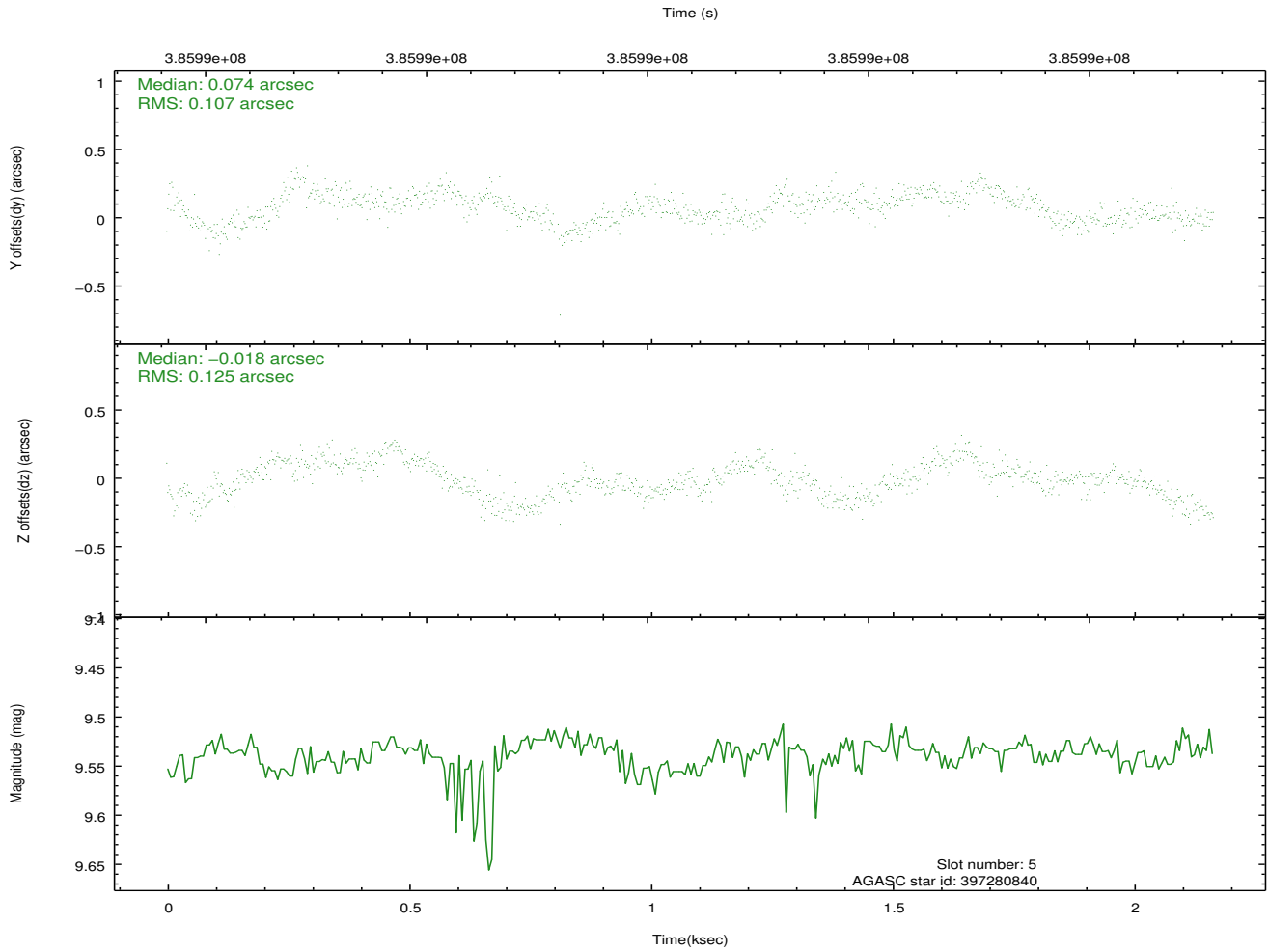
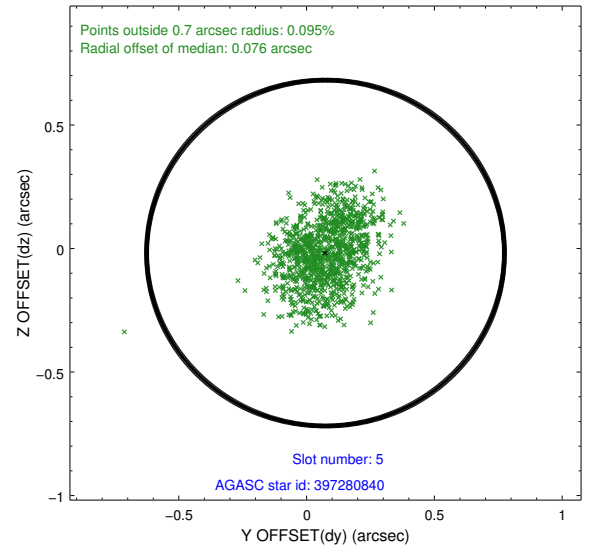
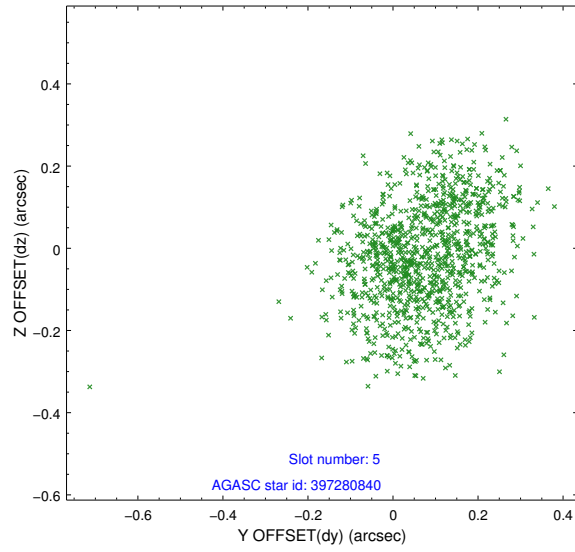
2.4.1 Slot 3



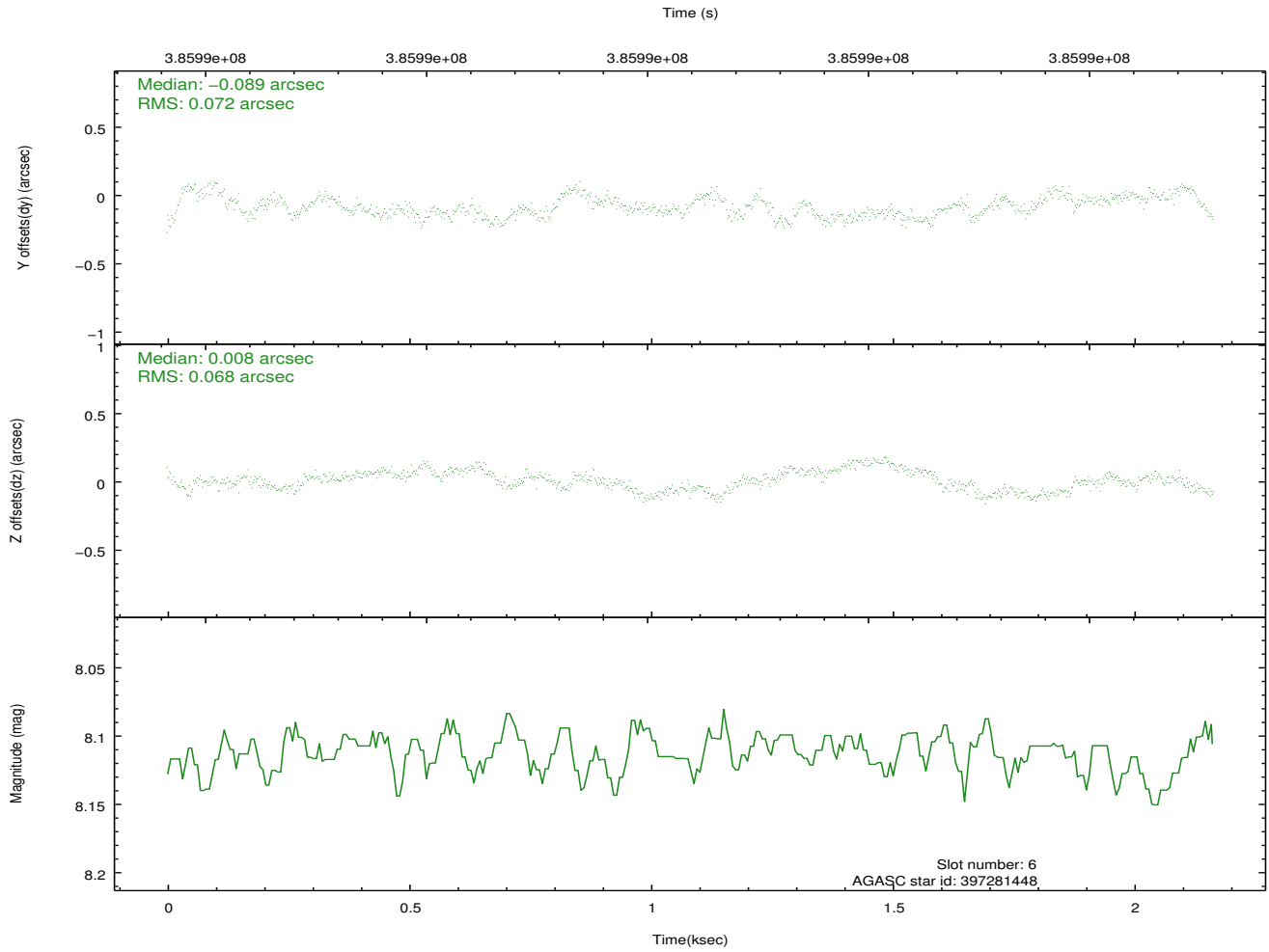
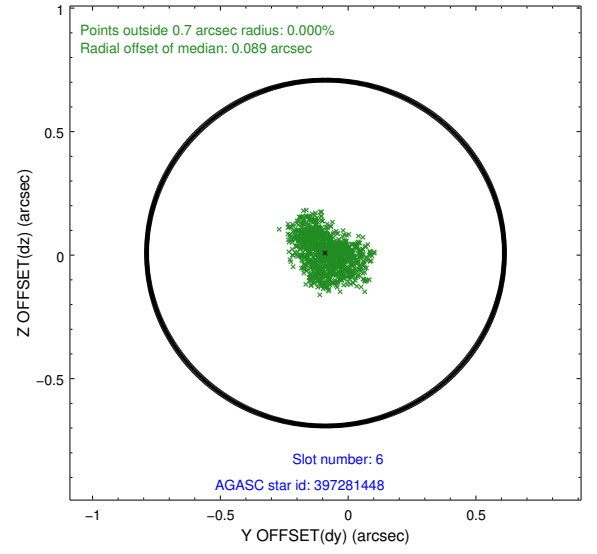
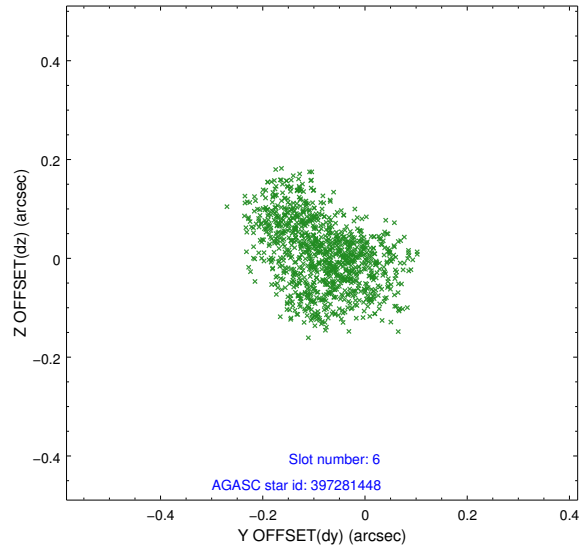
2.4.2 Slot 4



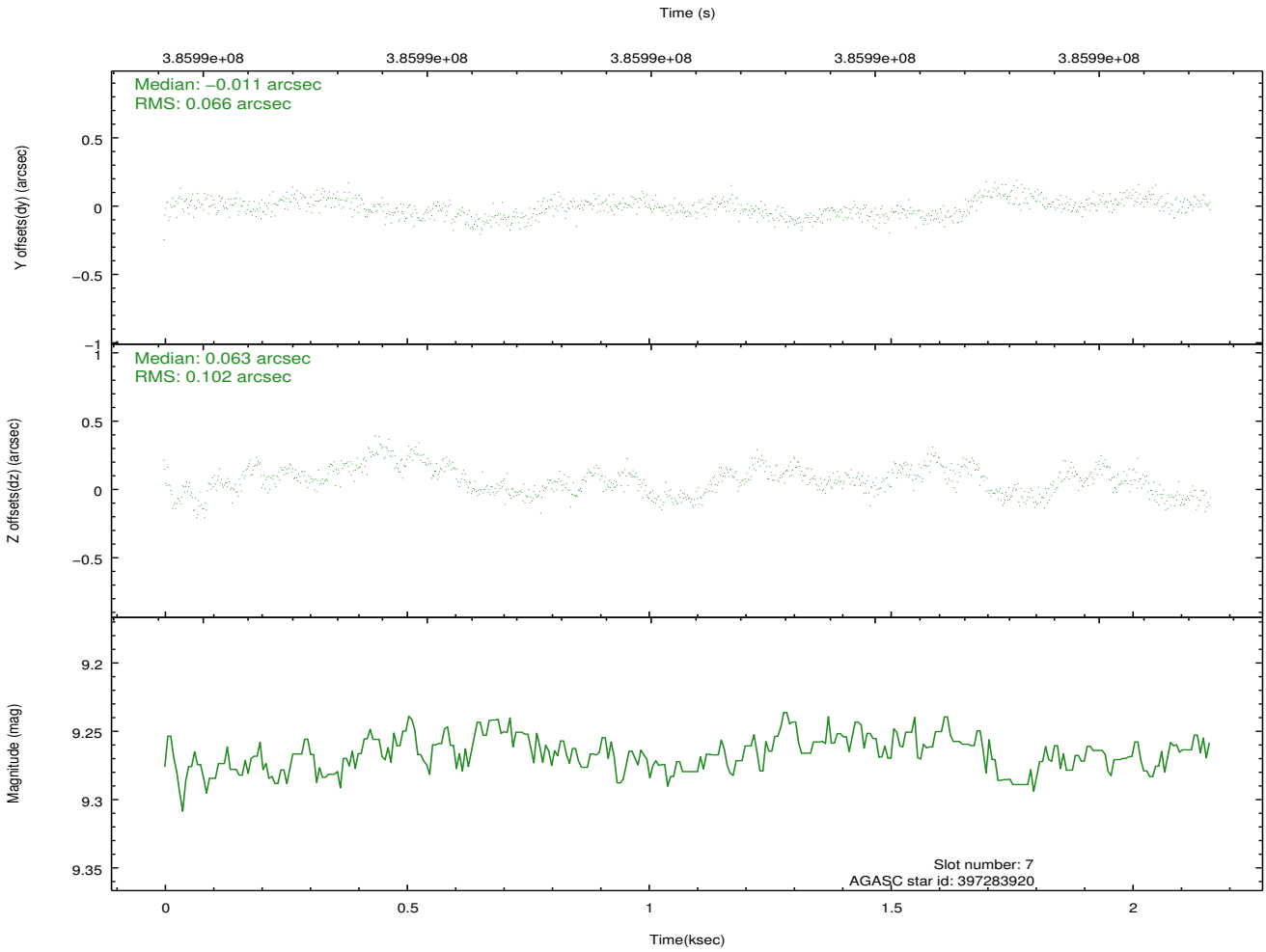
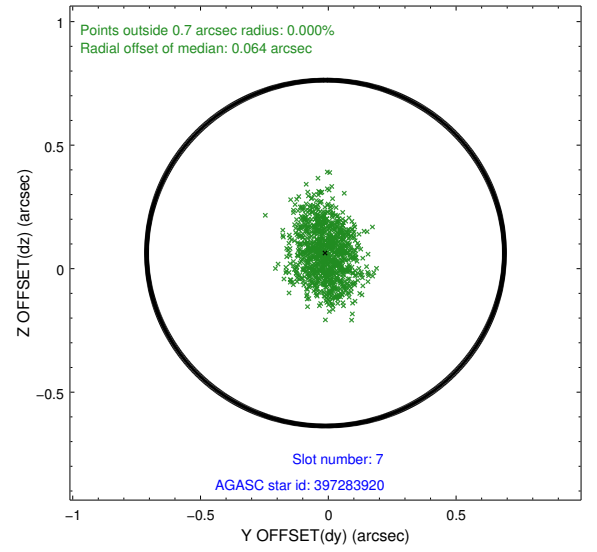
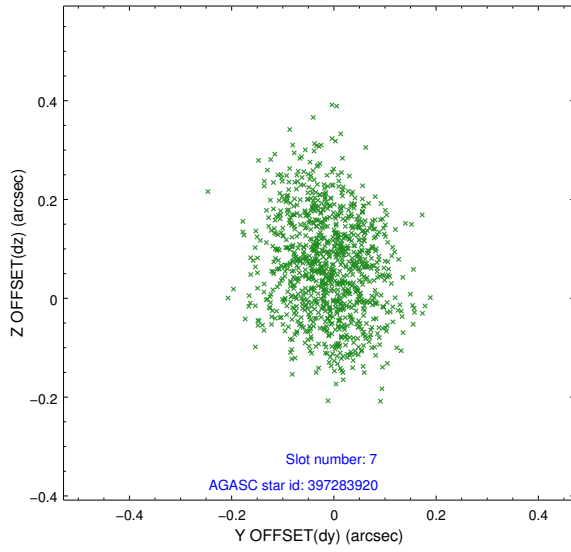
2.4.3 Slot 5



2.4.4 Slot 6

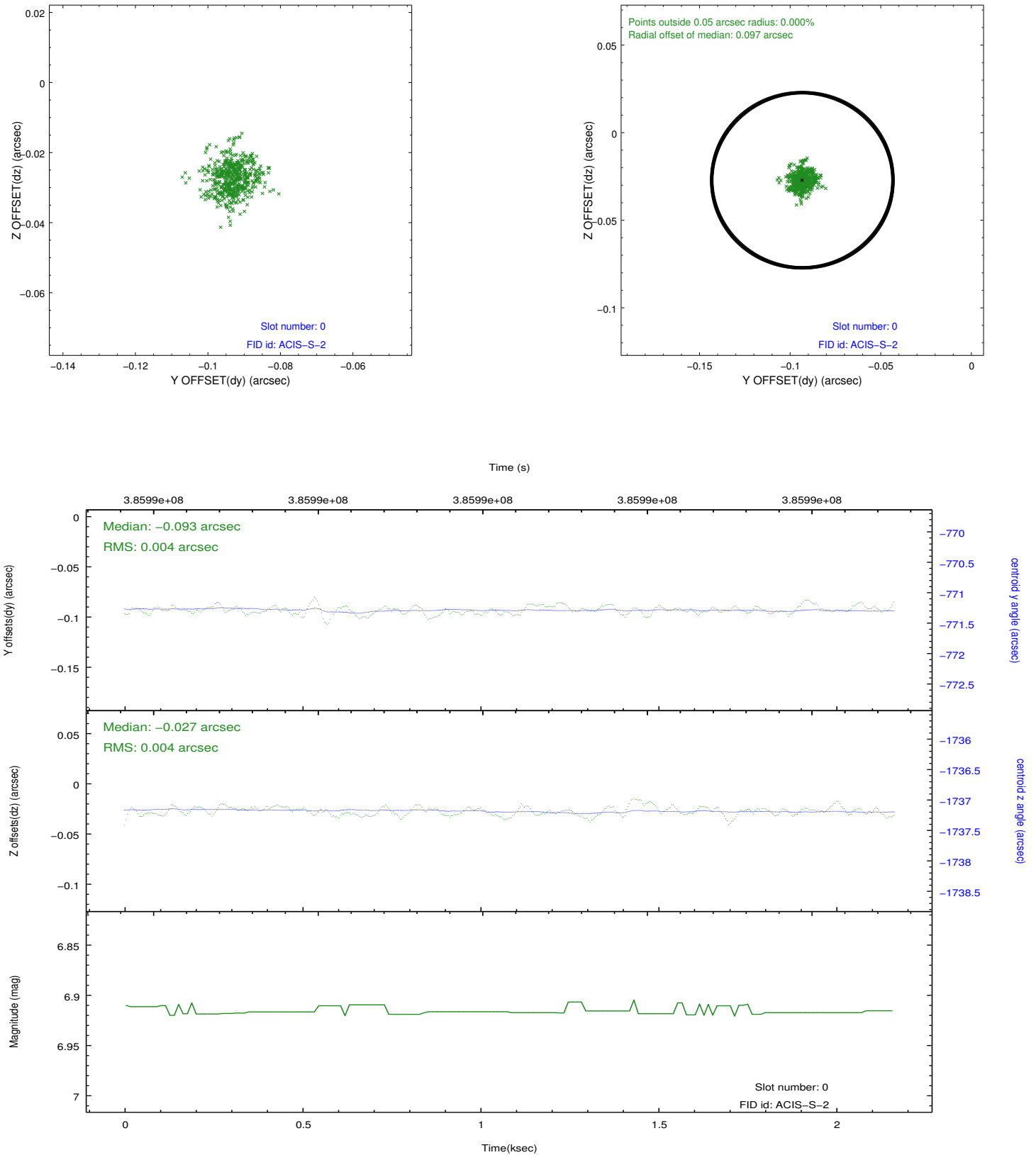


2.4.5 Slot 7

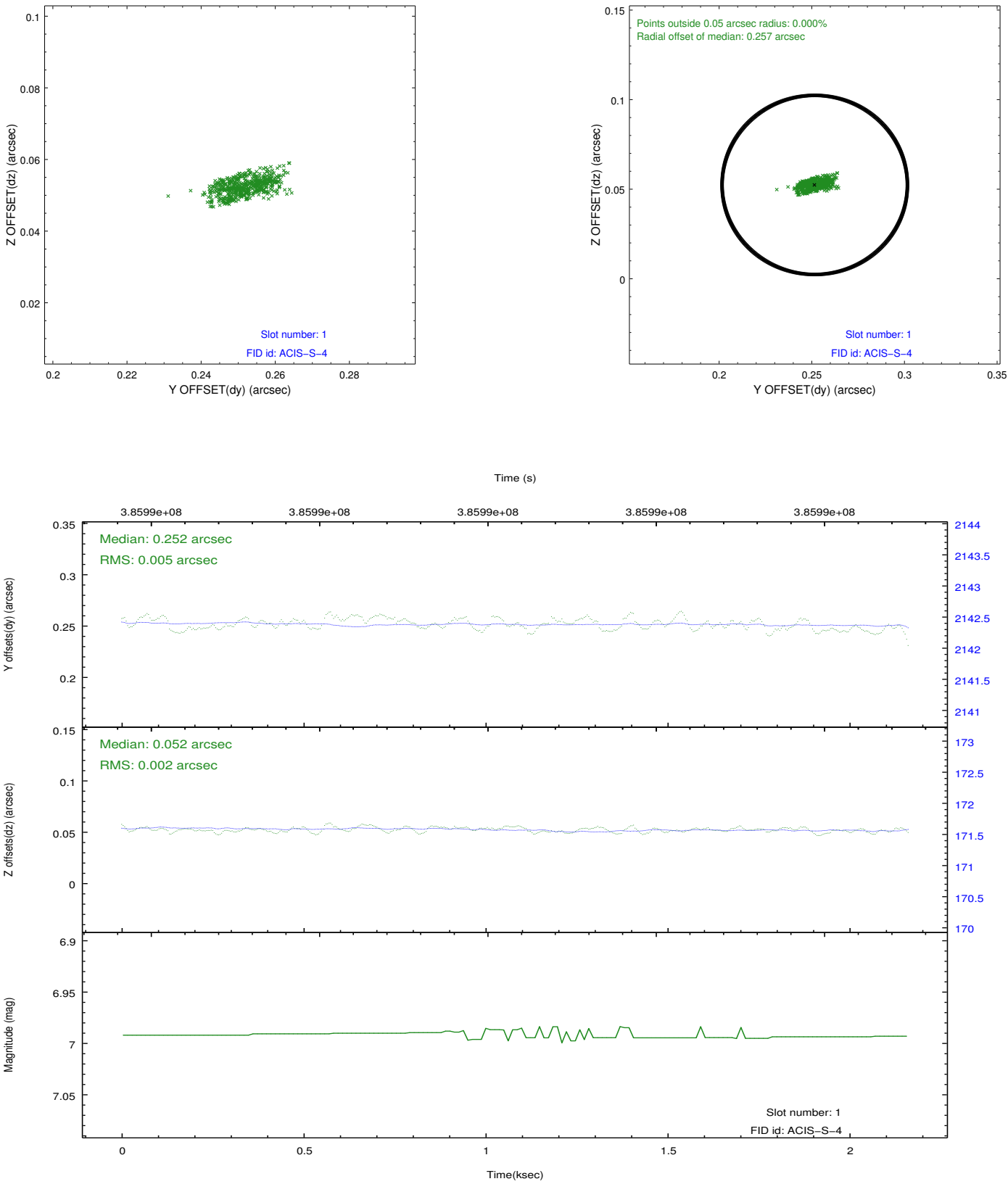


2.5 FID Slots

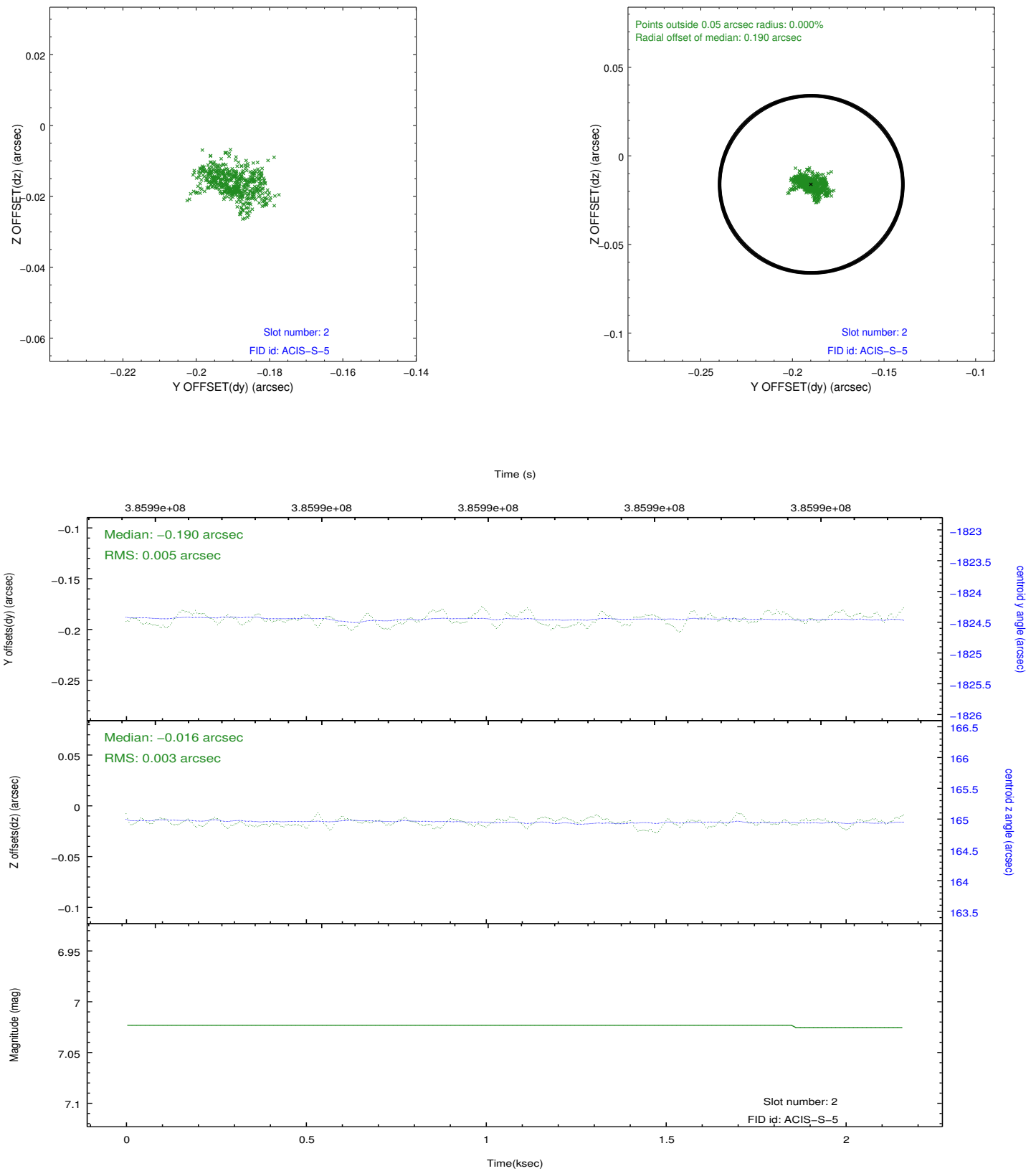
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.06.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1639998710155

A.2 Comments