

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11486 - L2 Version 2
Chandra X-Ray Center

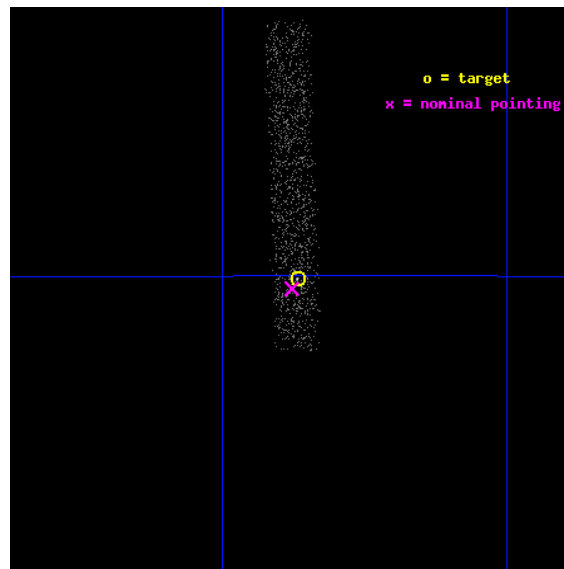
L2 Processing Date : Jun 13 2012

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1 Front

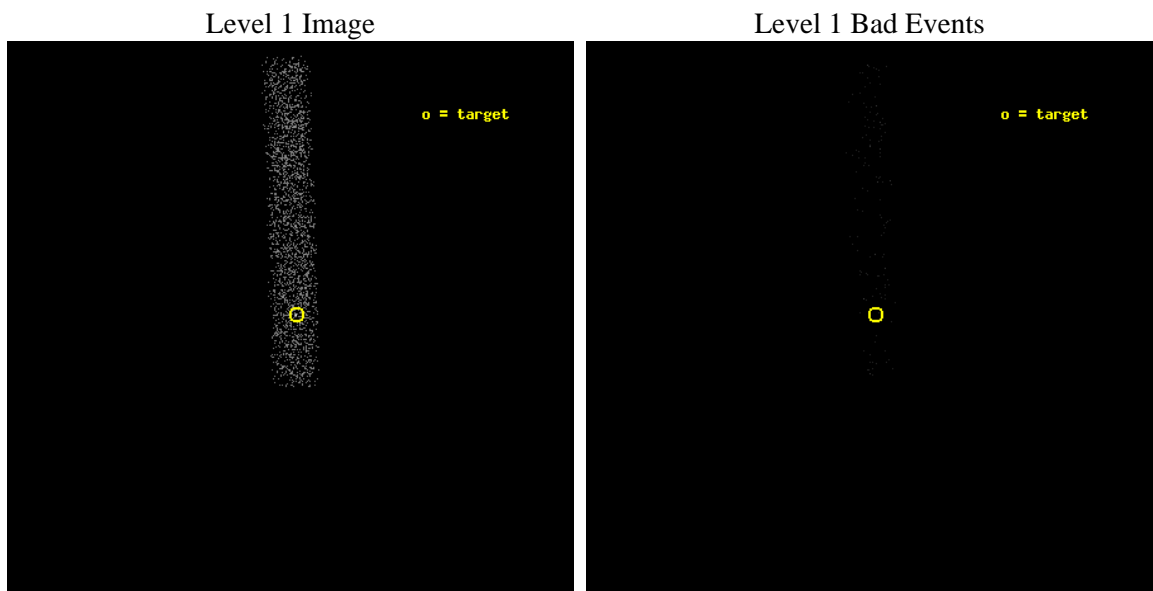
seq_num	702072	Sequence number
obs_id	11486	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J205822.14-065004.3	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	314.592083	Observer's specified target RA [deg]
dec_targ	-6.834528	Observer's specified target Dec [deg]
ra_nom	314.59470177715	Nominal RA [deg]
dec_nom	-6.8388695599415	Nominal Dec [deg]
roll_nom	268.15342042281	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2010.3998801708	Sum of GTIs [s]
livetime	1823.3265737083	Livetime [s]
ontime7	2010.3998801708	Sum of GTIs [s]
l2events	1475	Number of level 2 events



2 OBI

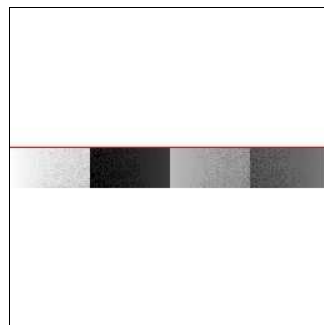
2.1 OBI

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	2010.3998801708	Sum of GTIs [s]
caldbver	4.4.10	 	ontime7	2010.3998801708	Sum of GTIs [s]
date	2012-06-13T02:22:43	Date and time of file creation	l1events	2924	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

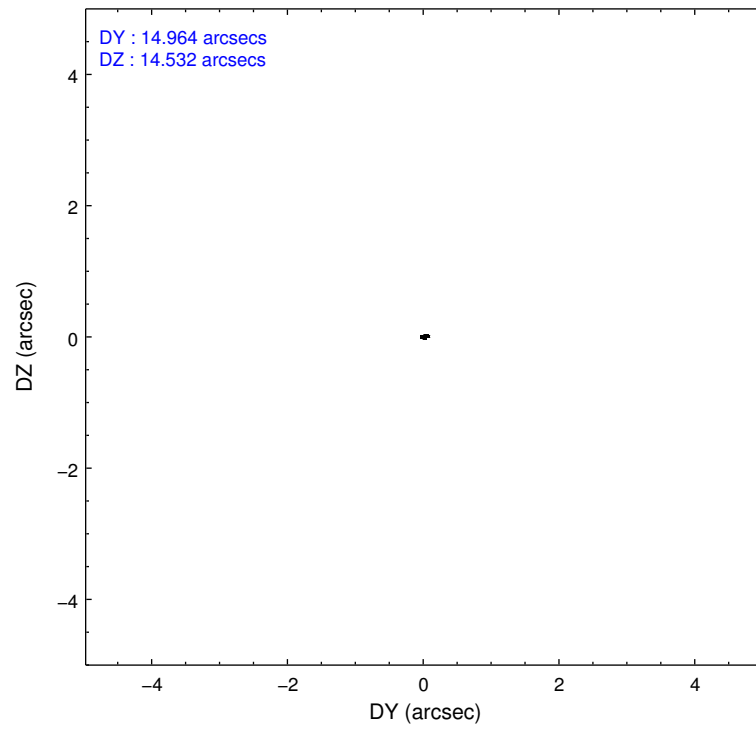
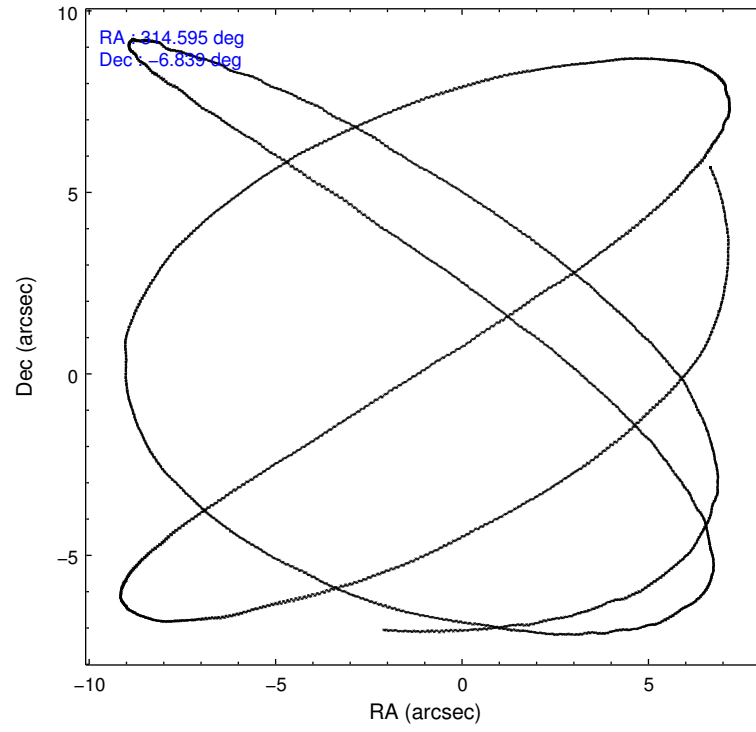
	ccd 7
level 1 events	2924
rejected events	1395
rejected %	47%

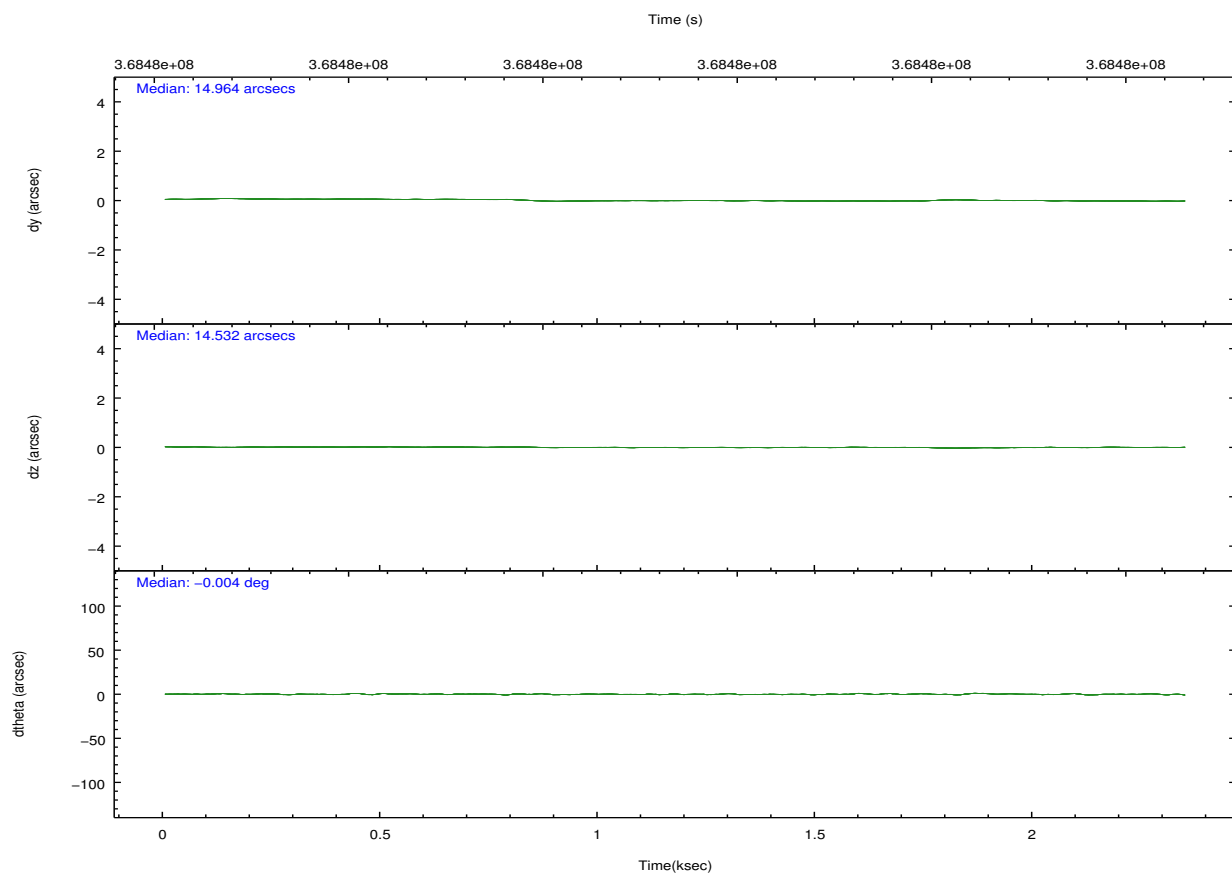
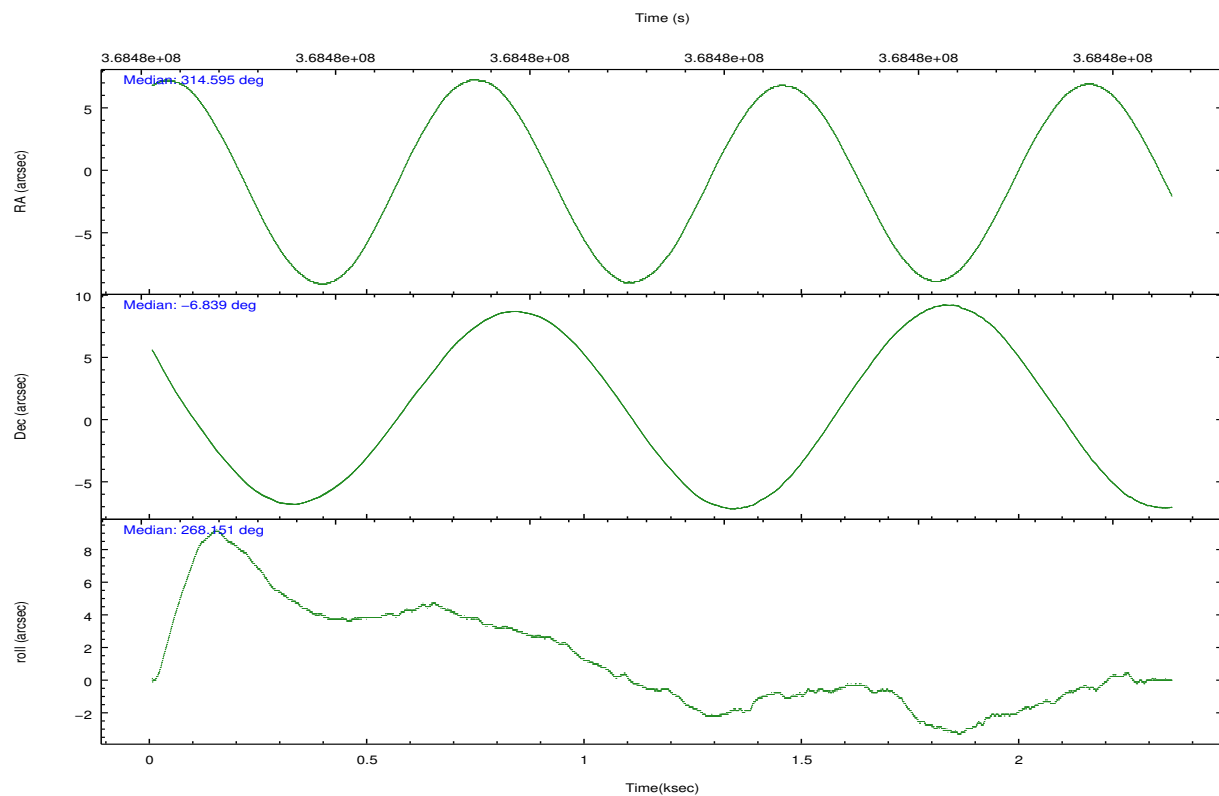
	ccd 7
grade 0 events	179
	6%
grade 1 events	5
	0%
grade 2 events	304
	10%
grade 3 events	216
	7%
grade 4 events	219
	7%
grade 5 events	277
	9%
grade 6 events	611
	20%
grade 7 events	1113
	38%

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	314.581193	314.594701777147	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-6.814802	-6.838869559941536	Subarray start row	449	449
[deg] Pointing Roll	267.995173	268.1534204228104	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)	368479008.184000	368478392.34729			
Observation start date	2009-09-04T19:15:42	2009-09-04T19:06:32			
[s] Observation end time (MET)	368481008.184000	368481511.93494			
Observation end date	2009-09-04T19:49:02	2009-09-04T19:58:31			
Read mode	TIMED	TIMED			

2.3 Aspect



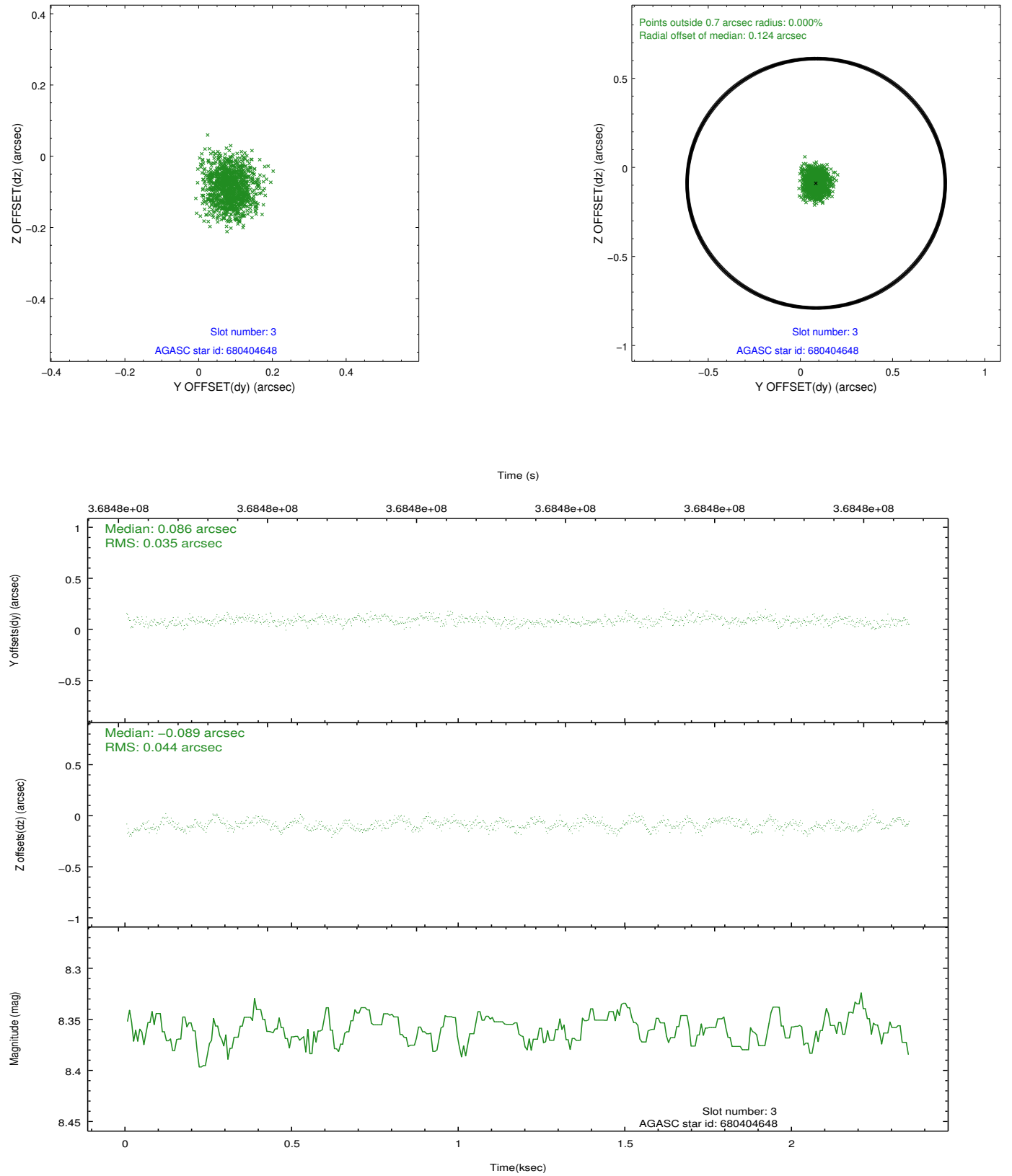


Slot Statistics

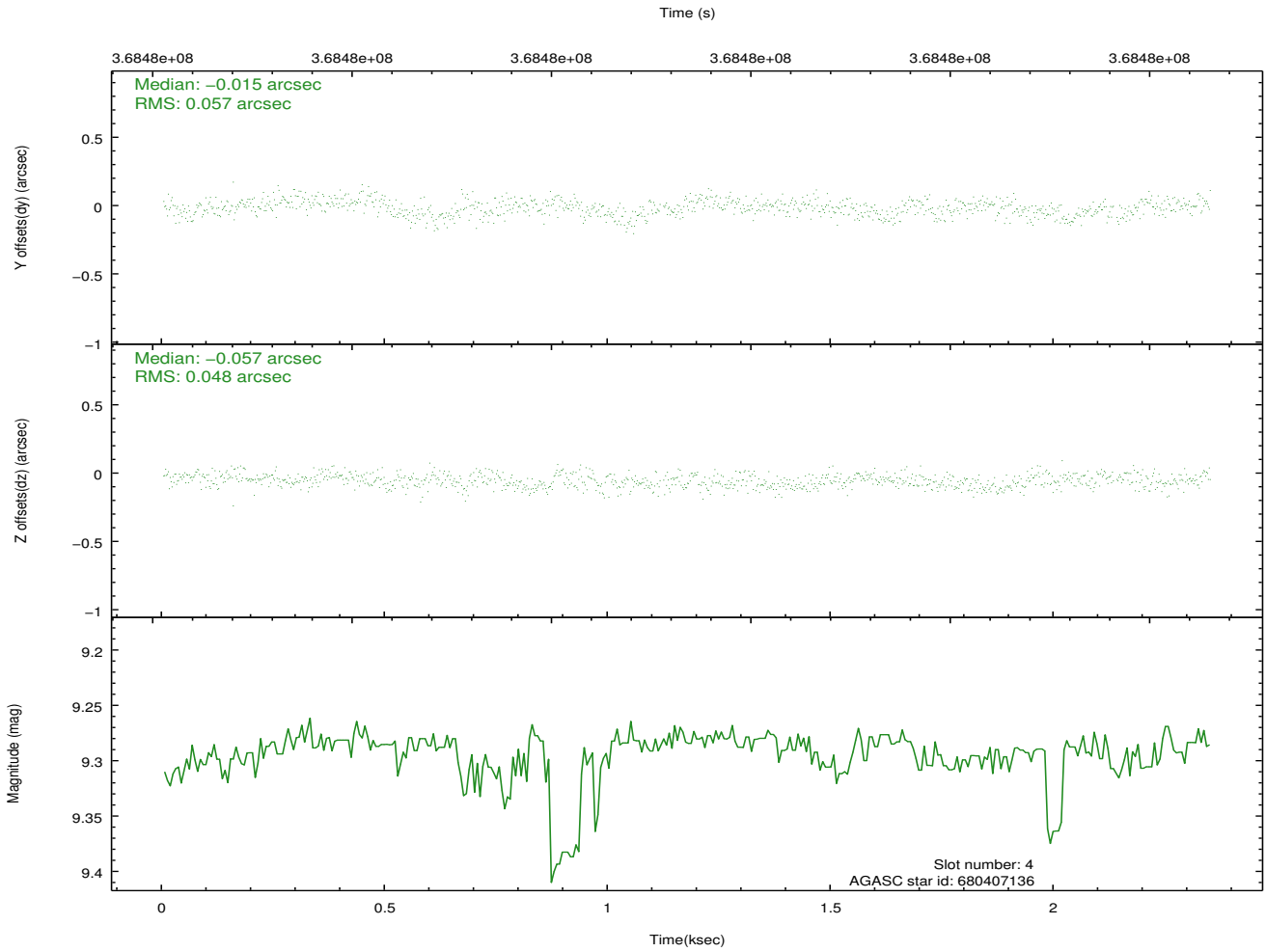
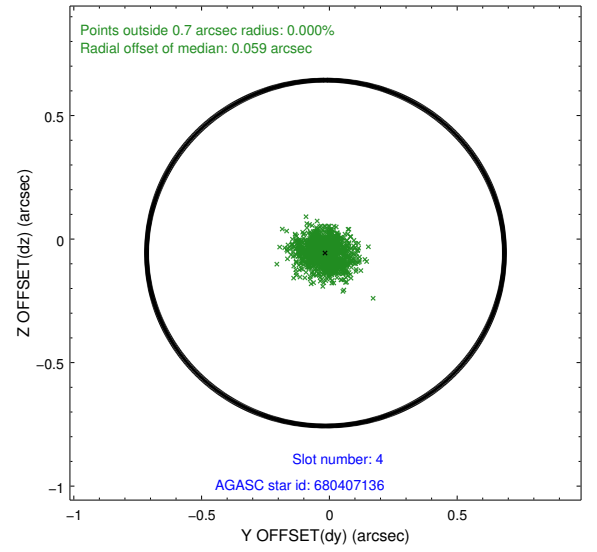
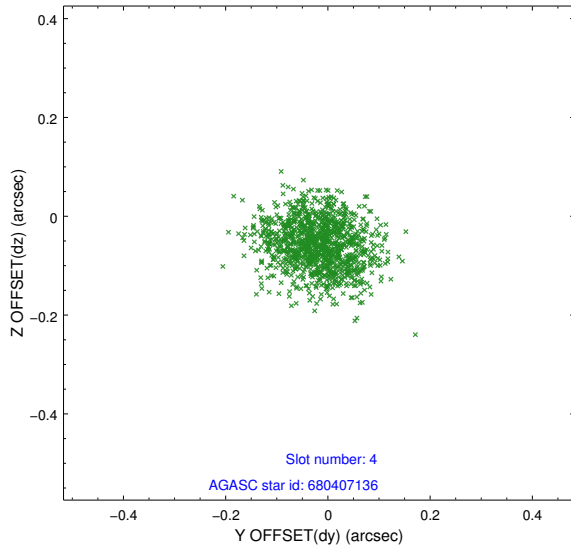
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.96	573	-0.099	-0.059	0.006	0.009	0.000000	0.000000	-768.04	-1735.86
1	FID	ACIS-S-4	7.05	573	0.236	0.064	0.005	0.009	0.000000	0.000000	2144.30	169.89
2	FID	ACIS-S-5	7.07	573	-0.168	0.004	0.006	0.011	0.000000	0.000000	-1817.41	166.63
3	GUIDE	680404648	8.36	1146	0.086	-0.089	0.061	0.096	314.162602	-6.956999	565.06	-1477.27
4	GUIDE	680407136	9.29	1140	-0.015	-0.057	0.080	0.129	314.922893	-6.228037	-2153.24	1146.43
5	GUIDE	680408832	9.11	1146	-0.098	0.137	0.080	0.129	314.523333	-6.175101	-2296.31	-287.17
6	GUIDE	682103008	9.17	1137	0.086	0.051	0.072	0.123	315.061361	-7.427997	2145.67	1790.65
7	GUIDE	682106992	9.24	1142	-0.054	-0.039	0.085	0.135	315.018856	-6.222152	-2184.60	1491.72

2.4 Star Slots

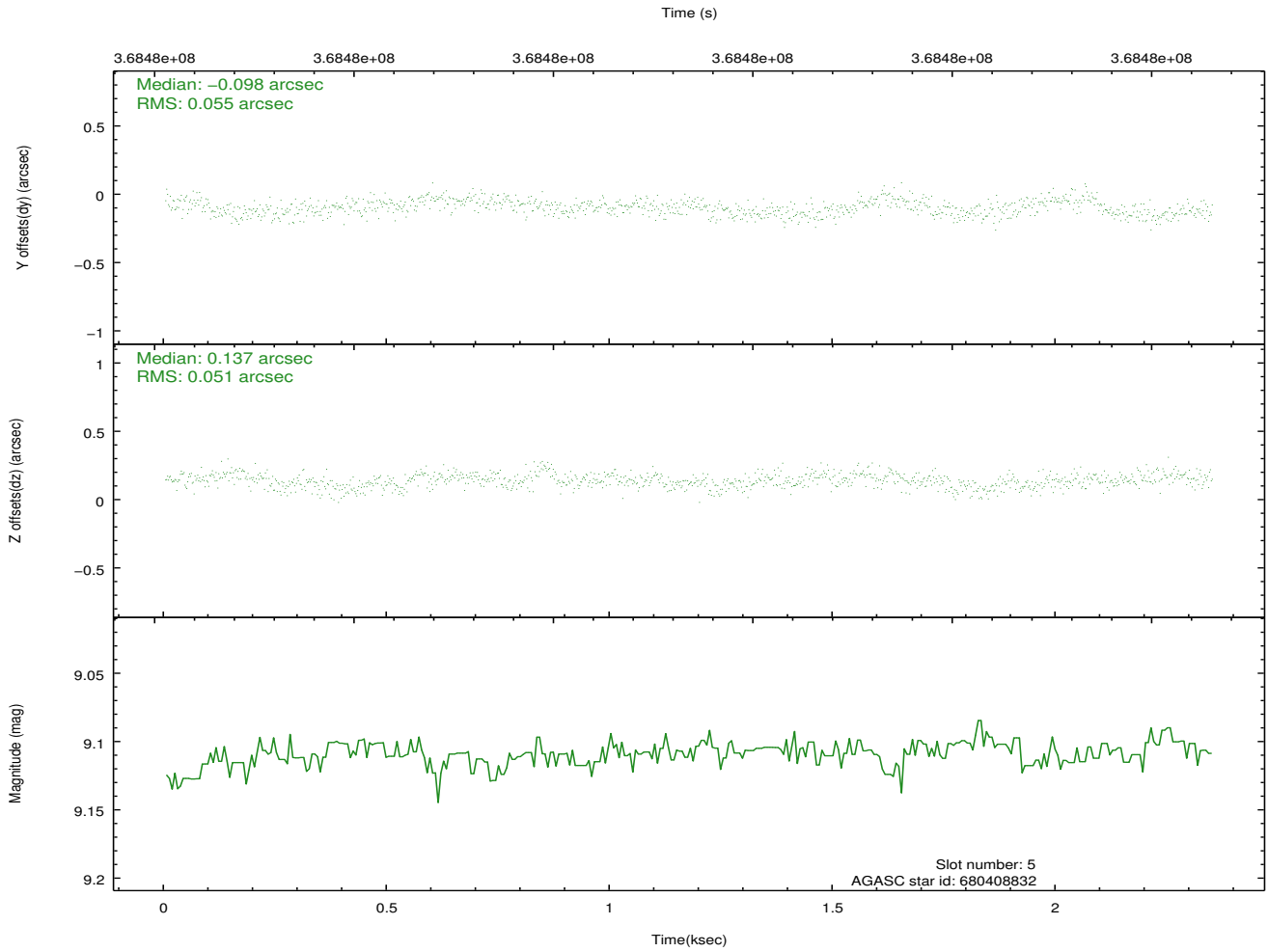
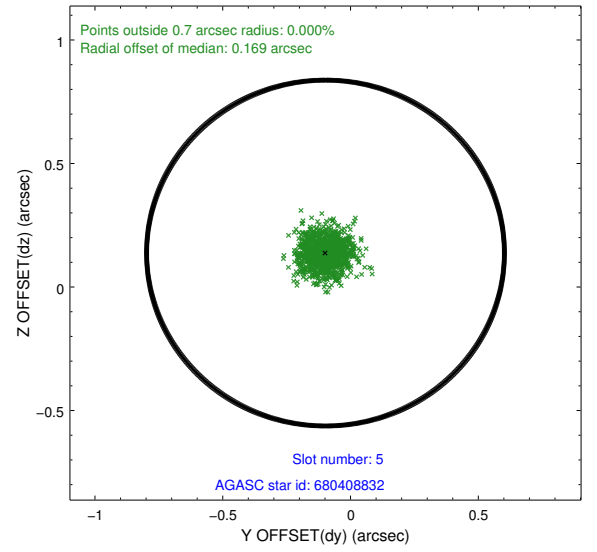
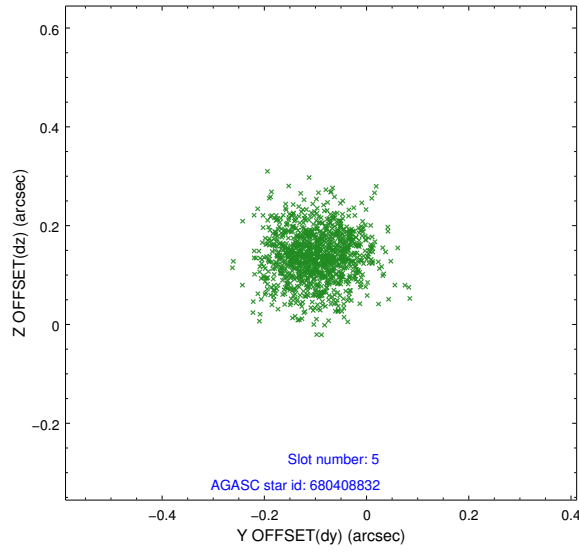
2.4.1 Slot 3



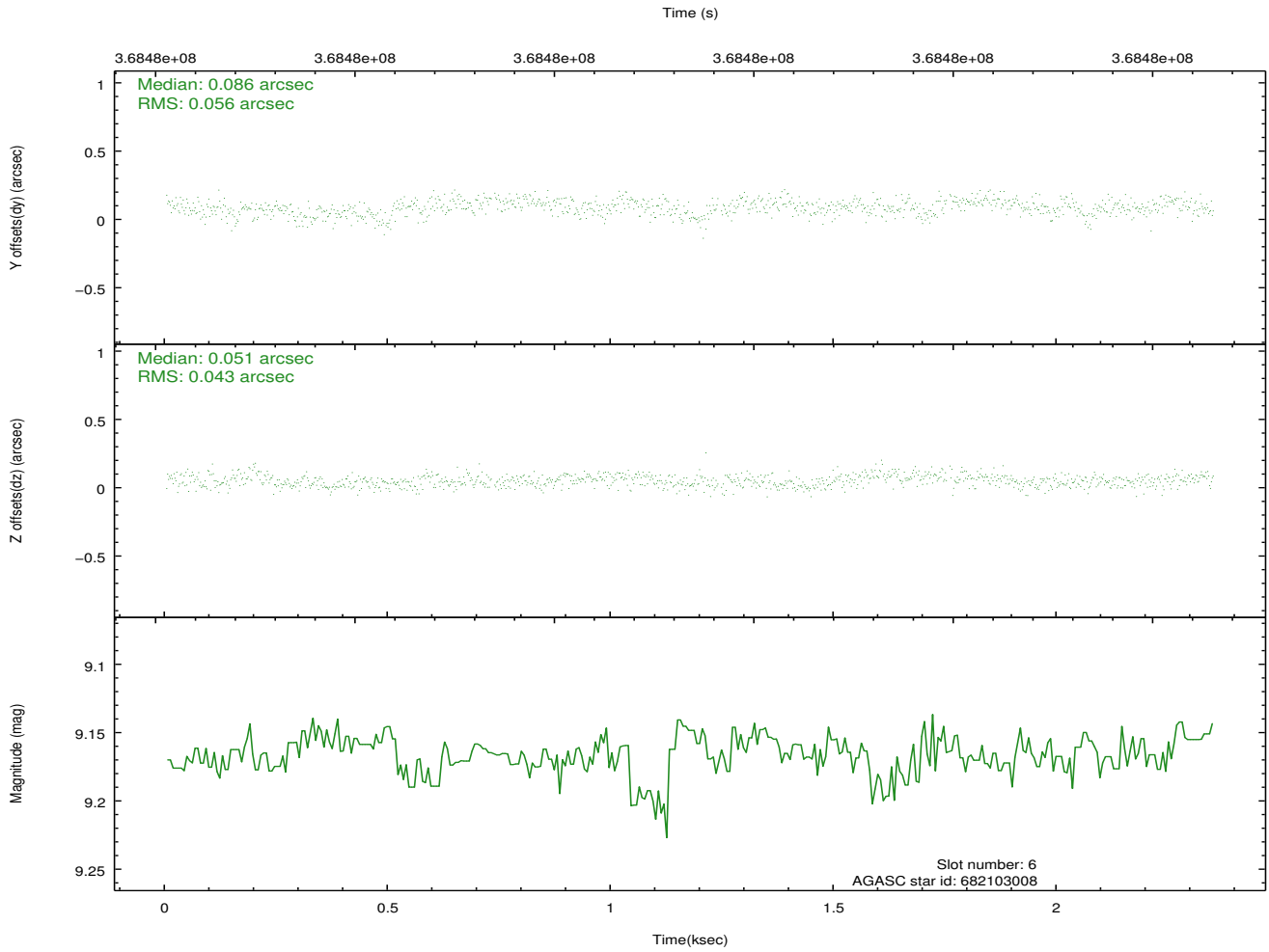
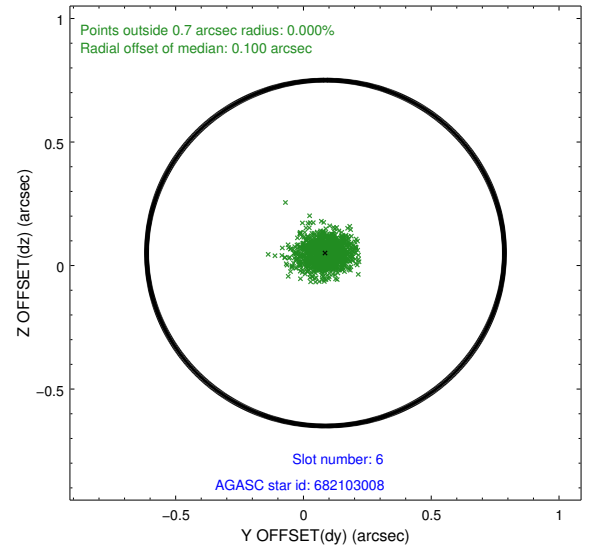
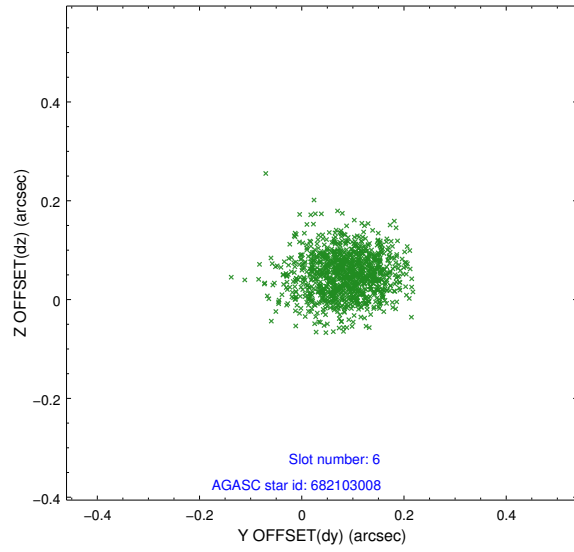
2.4.2 Slot 4



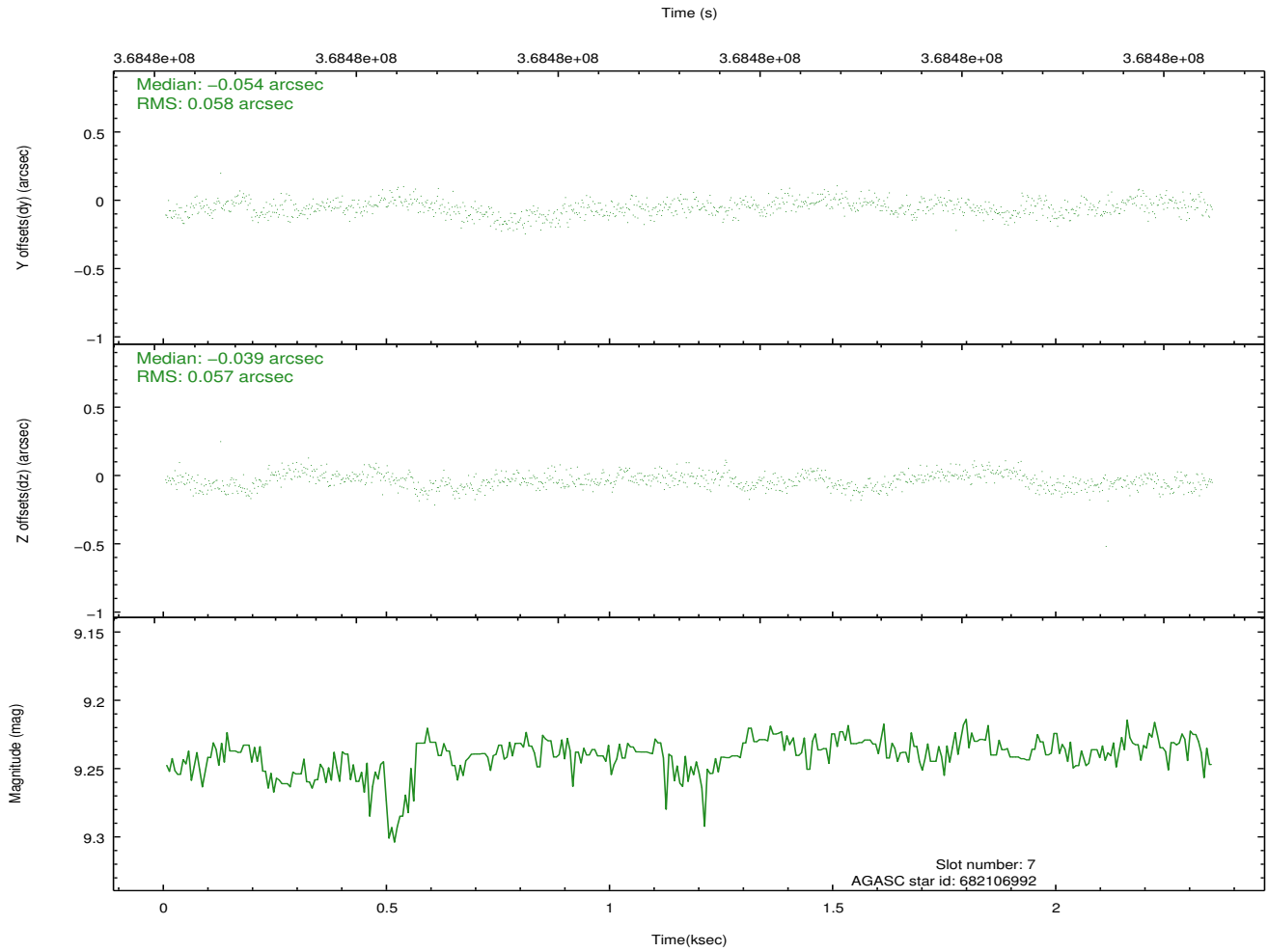
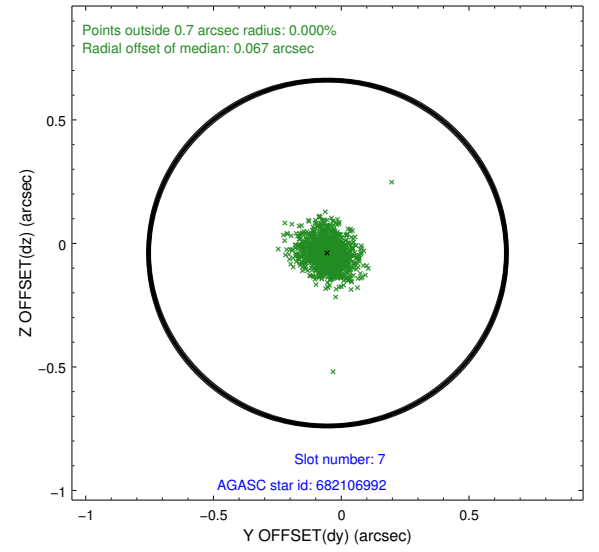
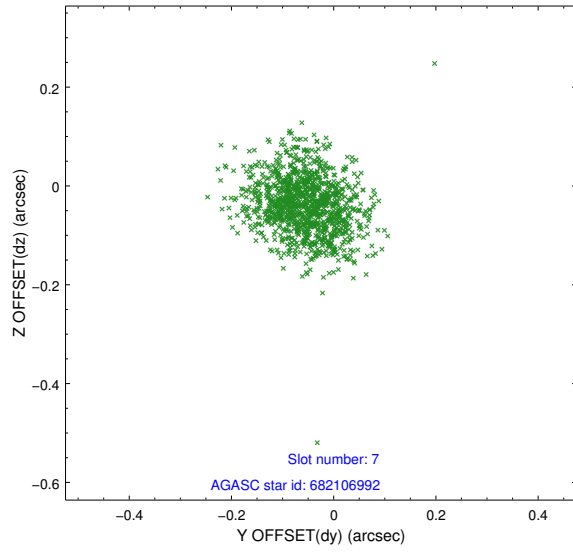
2.4.3 Slot 5



2.4.4 Slot 6

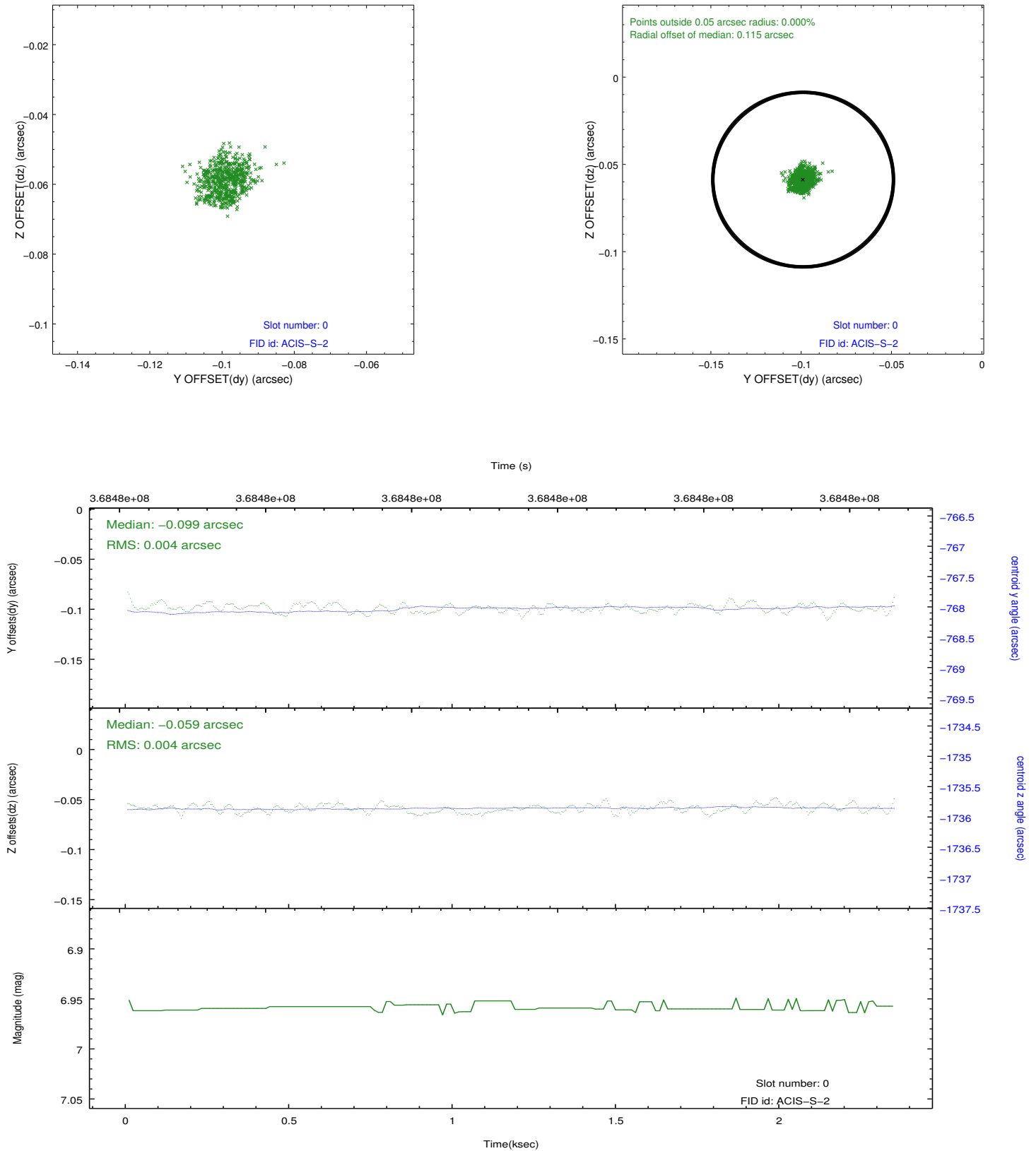


2.4.5 Slot 7

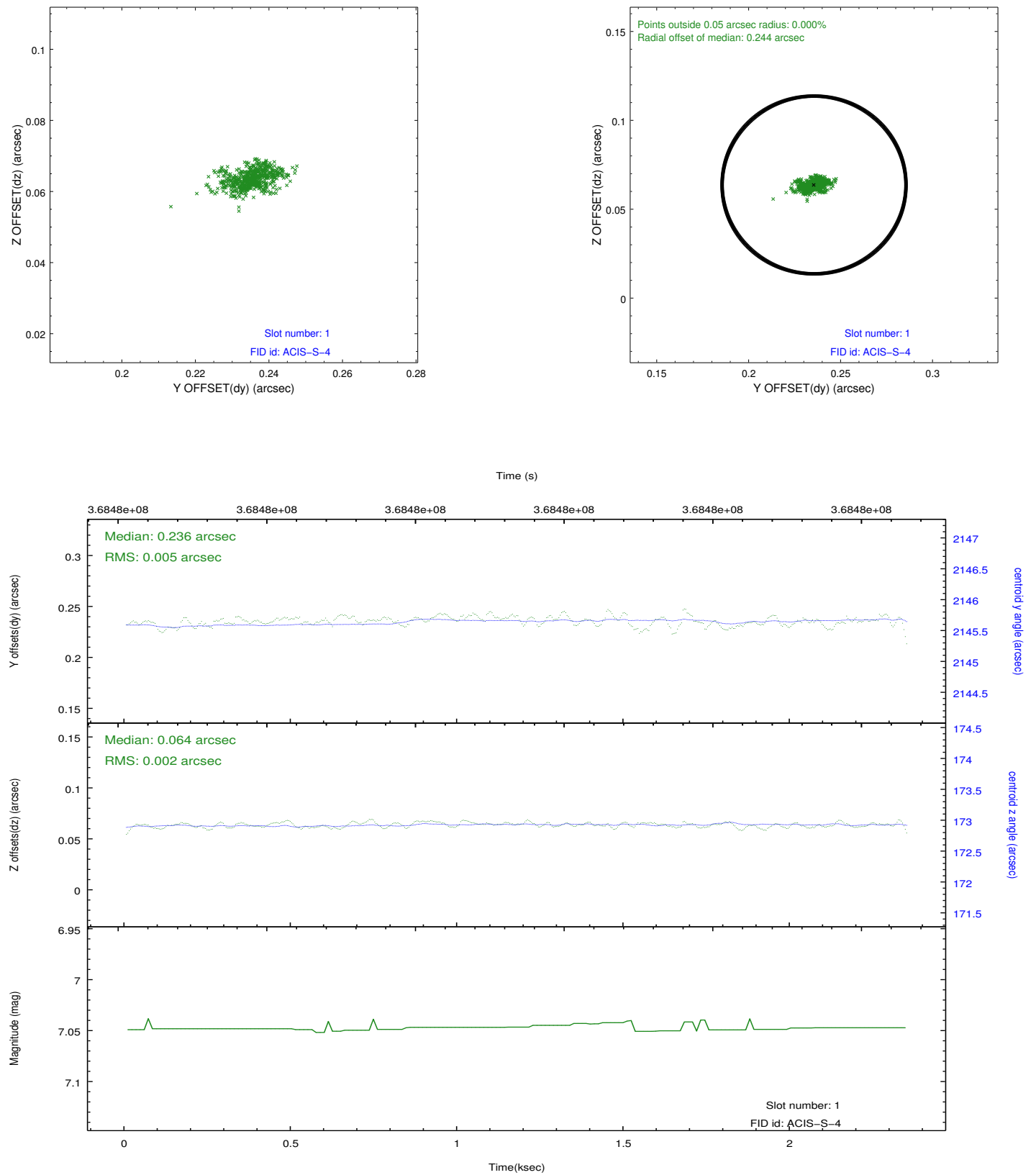


2.5 FID Slots

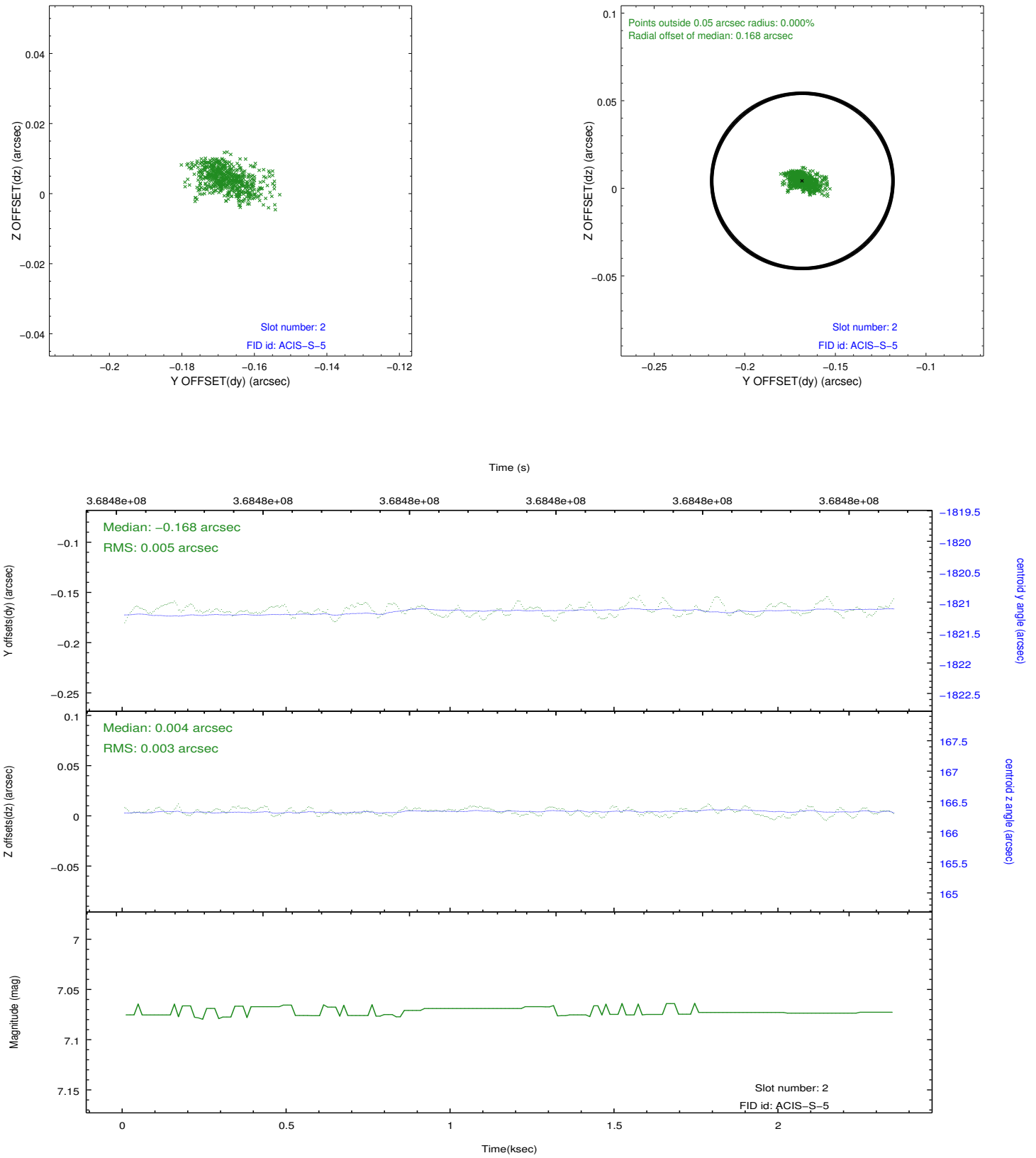
2.5.1 Slot 0



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)	2012.06.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.0103998801708

A.2 Comments