

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13583 - L2 Version 2
Chandra X-Ray Center

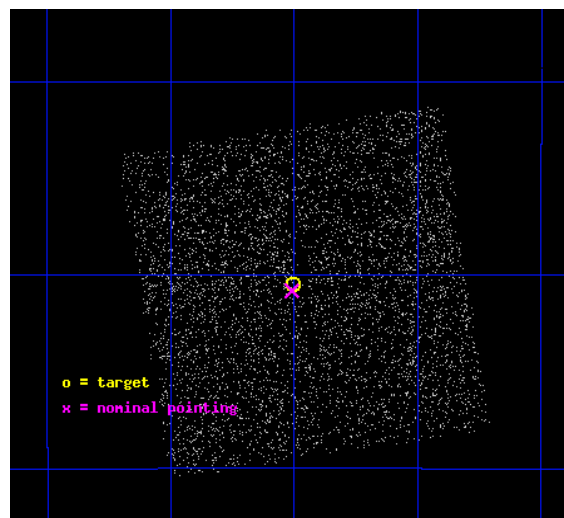
L2 Processing Date : Mar 2 2012

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1 Front

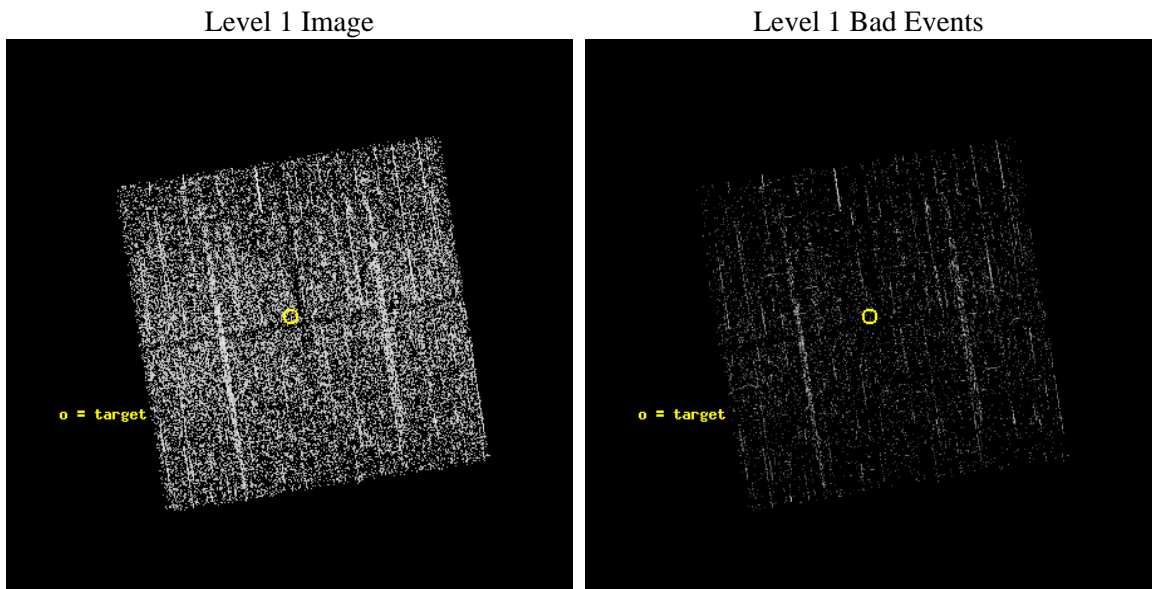
seq_num	401359	Sequence number
obs_id	13583	Observation id
title	Completing the Galactic Bulge Survey: categorizing the plethora of faint X-ray sources in the Galactic Bulge	Proposal title
observer	dr P Jonker	Principal investigator
object	GBS13-6	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	263.500662	Observer's specified target RA [deg]
dec_targ	-30.508215	Observer's specified target Dec [deg]
ra_nom	263.50239766719	Nominal RA [deg]
dec_nom	-30.513798167979	Nominal Dec [deg]
roll_nom	260.93869864075	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1971.6000151634	Sum of GTIs [s]
livetime	1945.8396094945	Livetime [s]
ontime0	1971.6000151634	Sum of GTIs [s]
ontime1	1971.6000151634	Sum of GTIs [s]
ontime2	1971.6000151634	Sum of GTIs [s]
ontime3	1971.6000151634	Sum of GTIs [s]
l2events	5366	Number of level 2 events



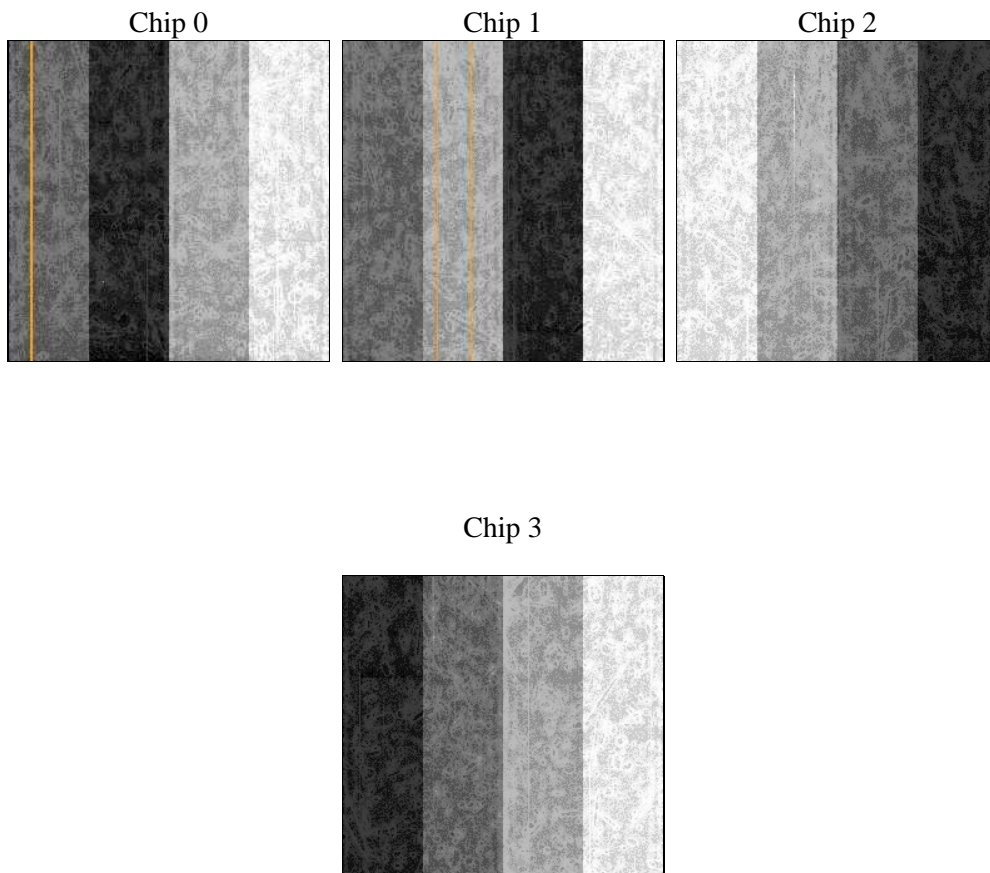
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2180.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	1971.6000151634	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	1971.6000151634	Sum of GTIs [s]
date	2012-03-02T14:19:41	Date and time of file creation	ontime1	1971.6000151634	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	1971.6000151634	Sum of GTIs [s]
			ontime3	1971.6000151634	Sum of GTIs [s]
			l1events	44516	Number of level 1 events

2.1.4 Events

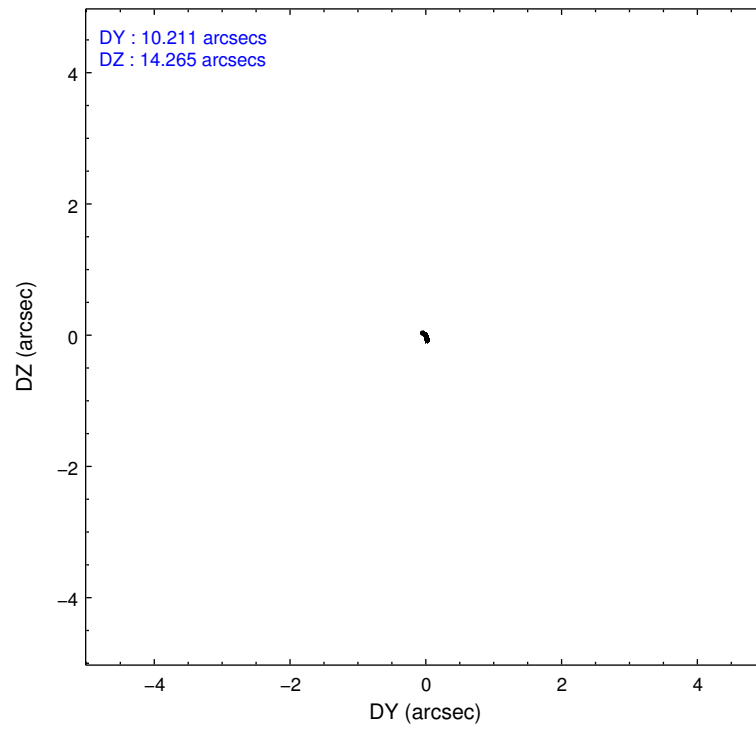
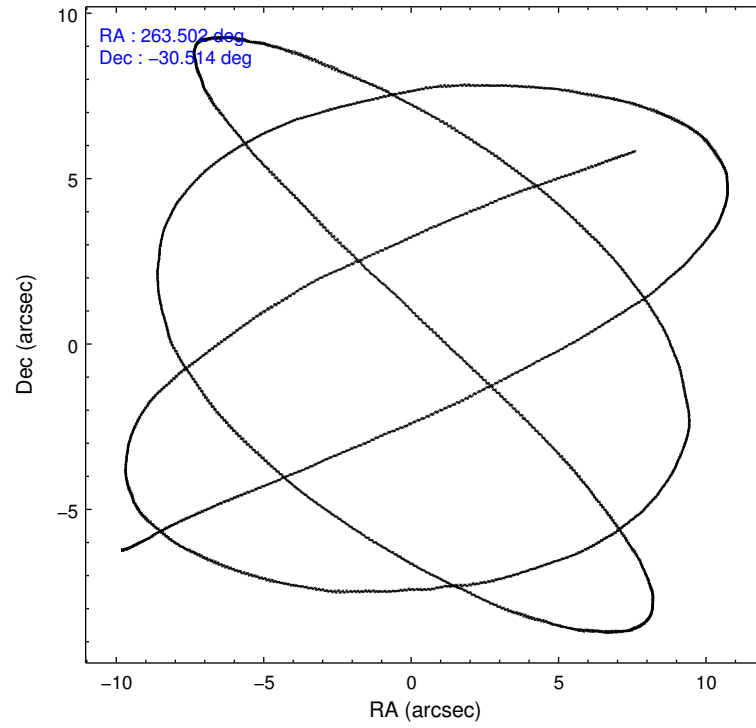
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	10478	11335	11417	11286
rejected events	8955	9670	9890	9734
rejected %	85%	85%	86%	86%

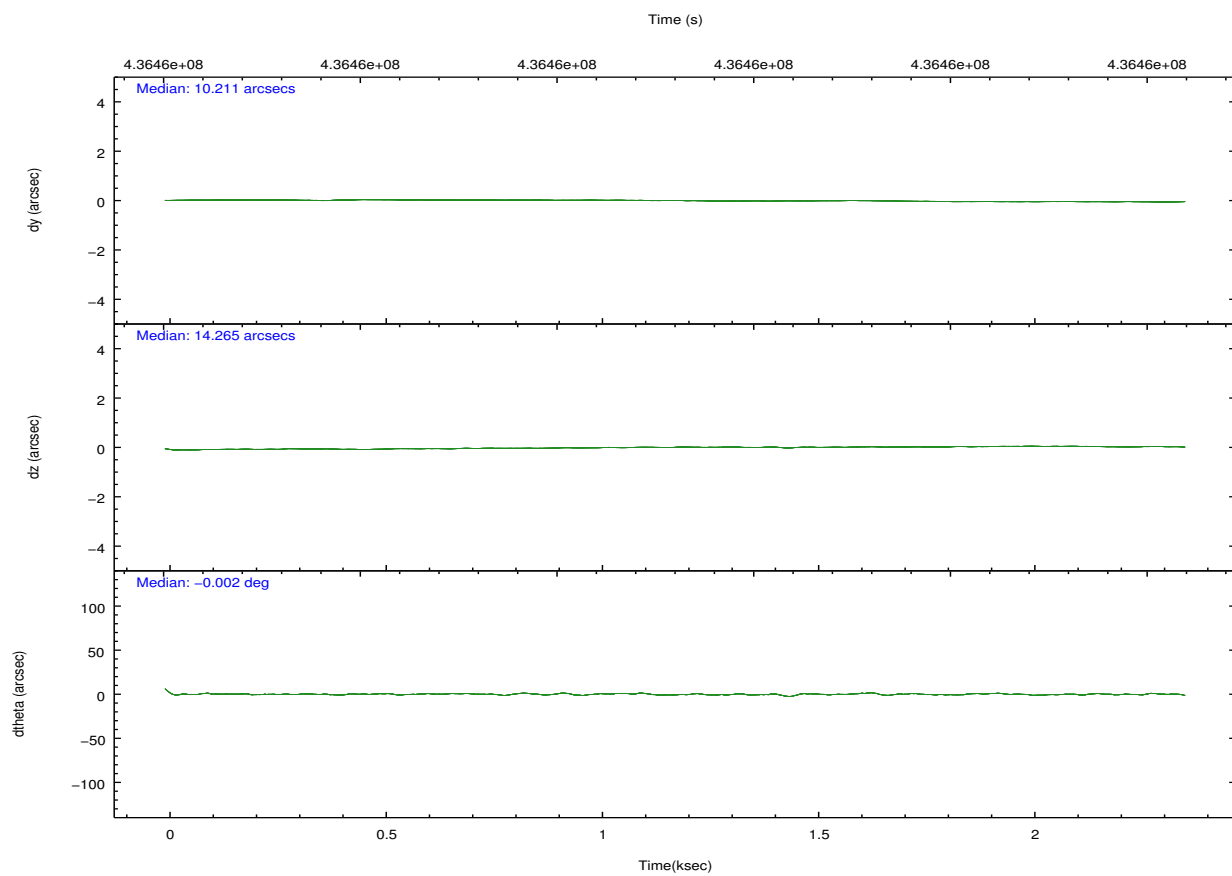
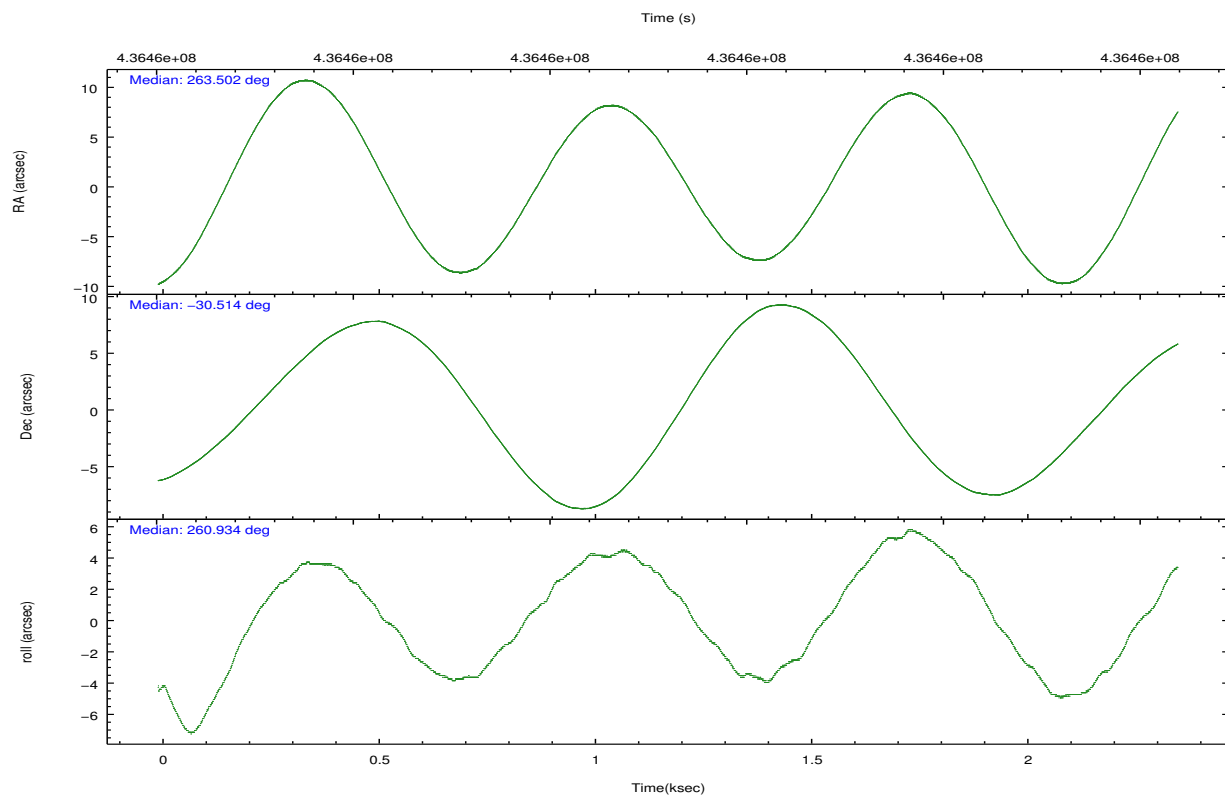
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	621	675	590	659
	5%	5%	5%	5%
grade 1 events	8	5	11	7
	0%	0%	0%	0%
grade 2 events	348	409	378	330
	3%	3%	3%	2%
grade 3 events	143	136	147	145
	1%	1%	1%	1%
grade 4 events	130	124	164	147
	1%	1%	1%	1%
grade 5 events	552	549	469	548
	5%	4%	4%	4%
grade 6 events	283	322	252	272
	2%	2%	2%	2%
grade 7 events	8393	9115	9406	9178
	80%	80%	82%	81%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-0123	ACIS-0123	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	263.490952	263.502397667194	Subarray requested	NONE	NONE
[deg] Pointing Dec	-30.488108	-30.51379816797877	Alternating exposures requested	N	N
[deg] Pointing Roll	260.724208	260.9386986407534	[s] Primary exposure time	0.000000	3.1
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.001439871863259334			
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	436457799.184000	436457423.32856			
Observation start date	2011-10-31T14:15:33	2011-10-31T14:10:23			
[s] Observation end time (MET)	436459979.184000	436460113.4412			
Observation end date	2011-10-31T14:51:53	2011-10-31T14:55:13			
Read mode	TIMED	TIMED			

2.3 Aspect



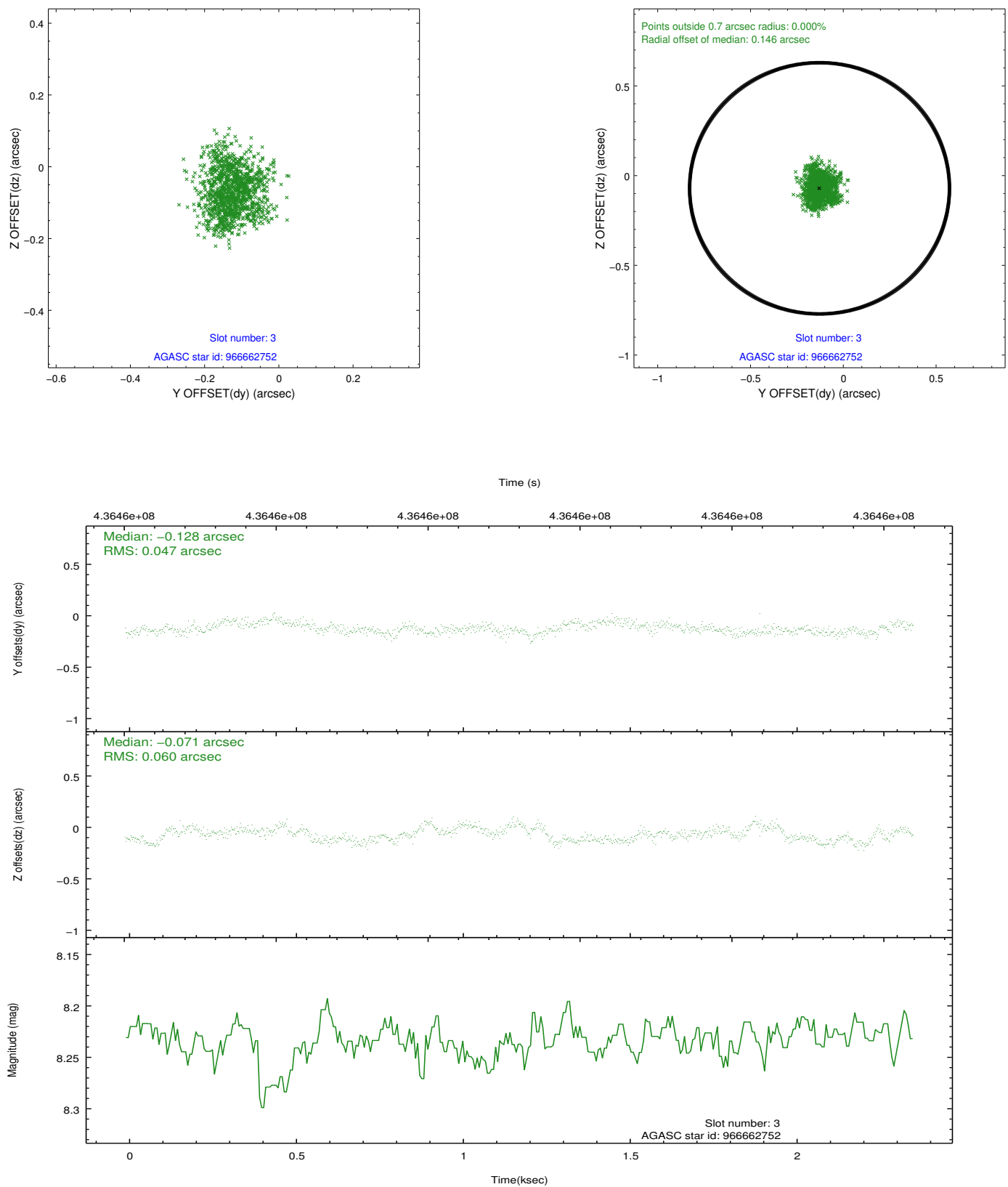


Slot Statistics

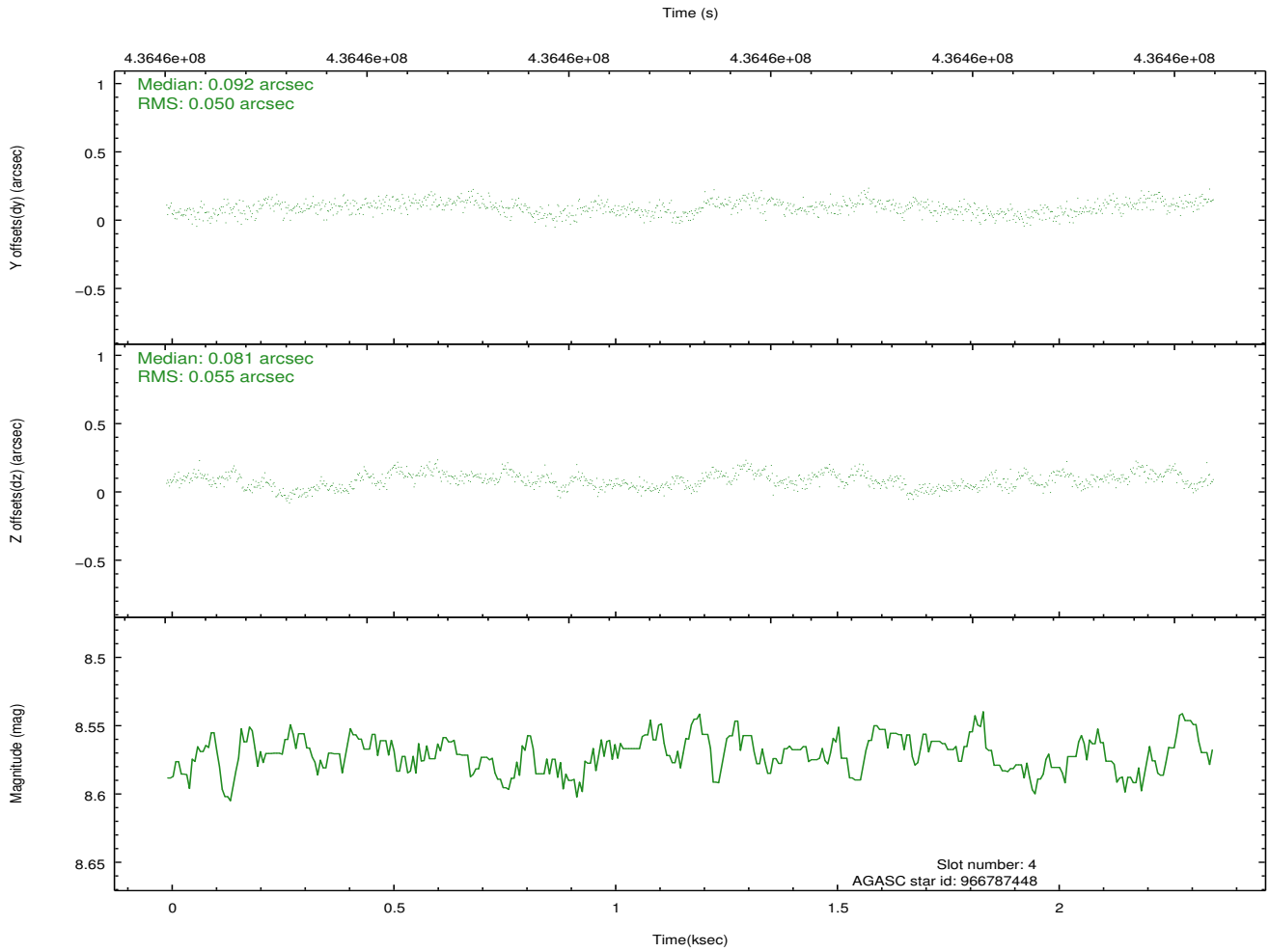
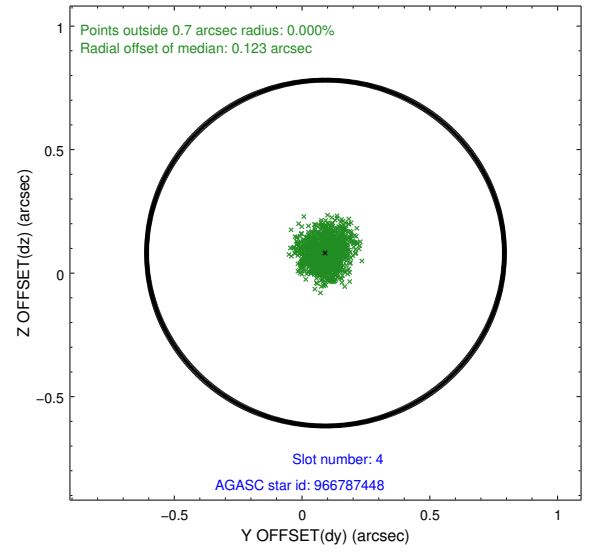
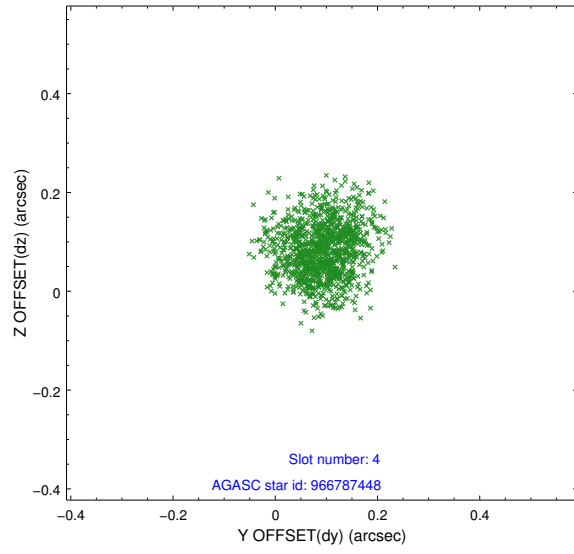
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	6.96	576	-0.094	-0.086	0.009	0.015	0.000000	0.000000	-764.89	-844.28
1	FID	ACIS-I-4	6.99	576	0.191	0.079	0.006	0.011	0.000000	0.000000	2148.21	1060.65
2	FID	ACIS-I-5	7.03	576	-0.199	0.075	0.008	0.013	0.000000	0.000000	-1815.27	1061.66
3	GUIDE	966662752	8.23	1152	-0.128	-0.071	0.083	0.128	262.898473	-30.245665	-559.37	-1958.12
4	GUIDE	966787448	8.57	1152	0.092	0.081	0.079	0.125	263.341993	-31.095036	2230.54	-102.02
5	GUIDE	966787712	8.38	1149	0.110	-0.113	0.058	0.094	263.530944	-31.066254	2036.50	457.56
6	GUIDE	966791064	7.76	1152	-0.152	0.119	0.048	0.081	263.920275	-30.338943	-740.73	1231.16
7	GUIDE	966662760	8.69	1145	0.078	-0.016	0.080	0.126	262.815203	-30.091834	-1062.64	-2304.92

2.4 Star Slots

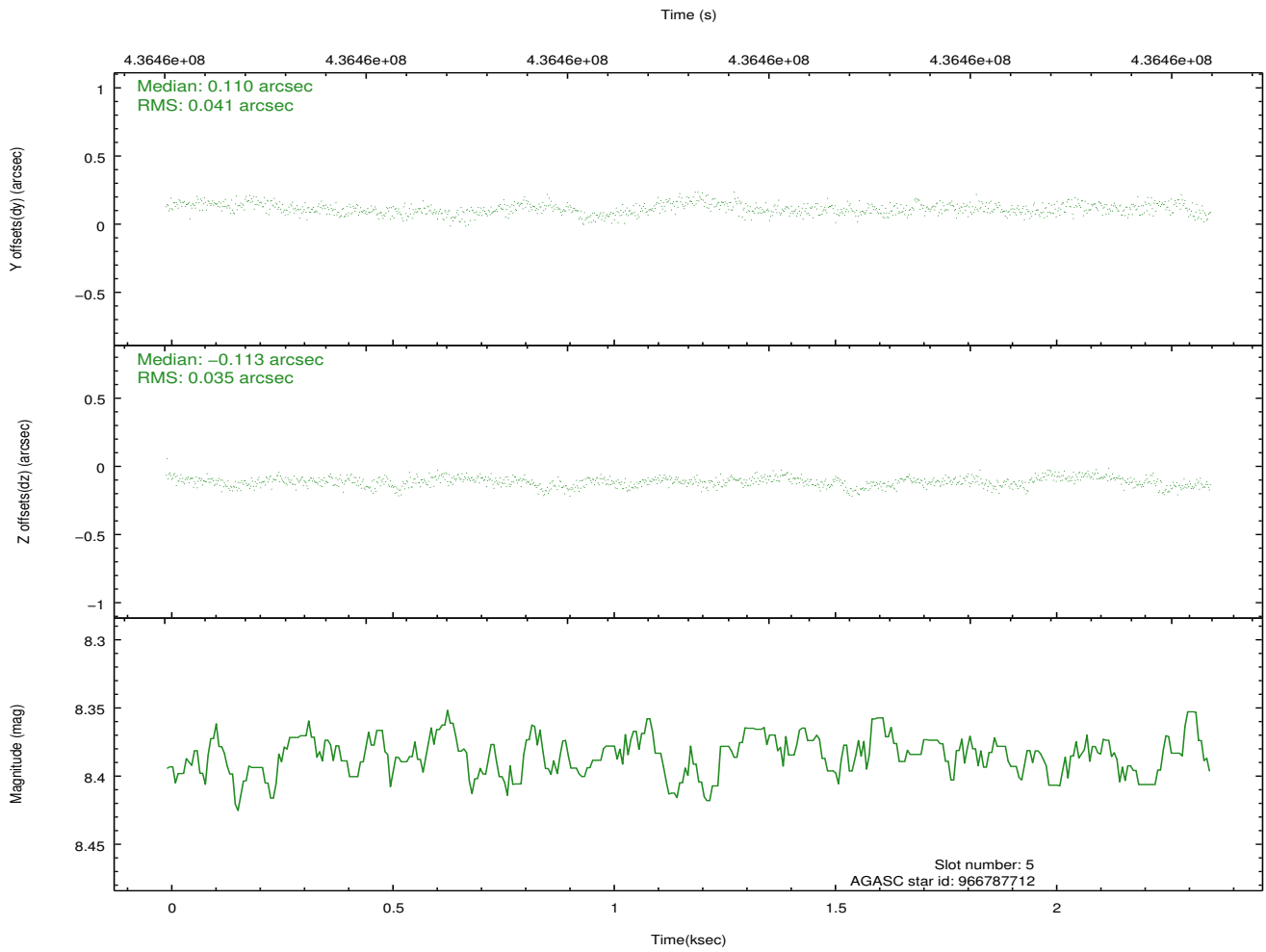
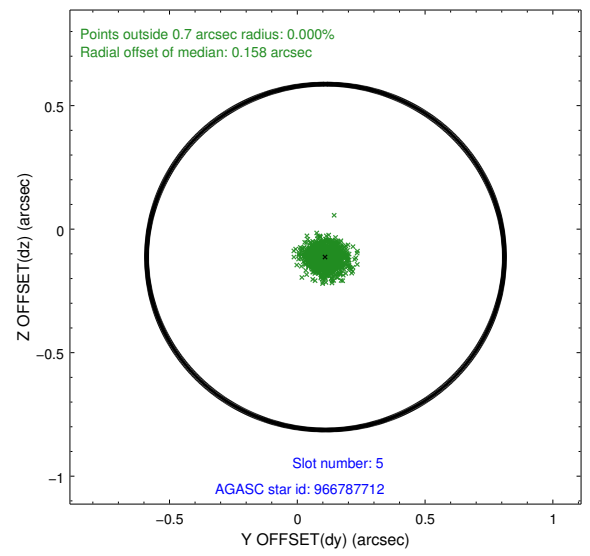
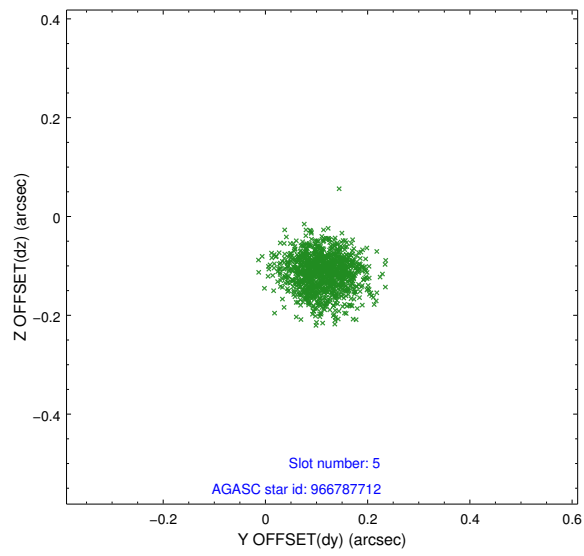
2.4.1 Slot 3



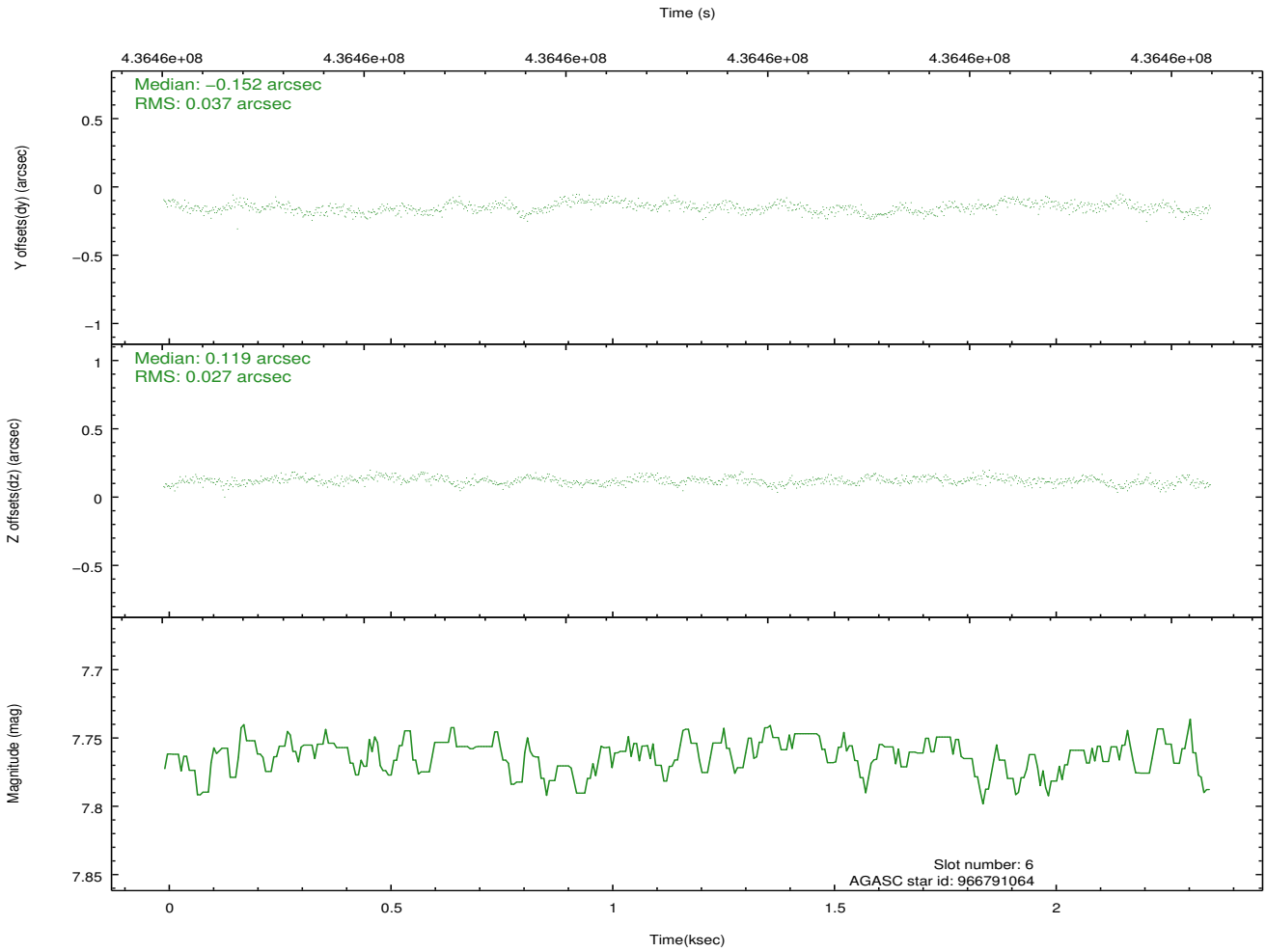
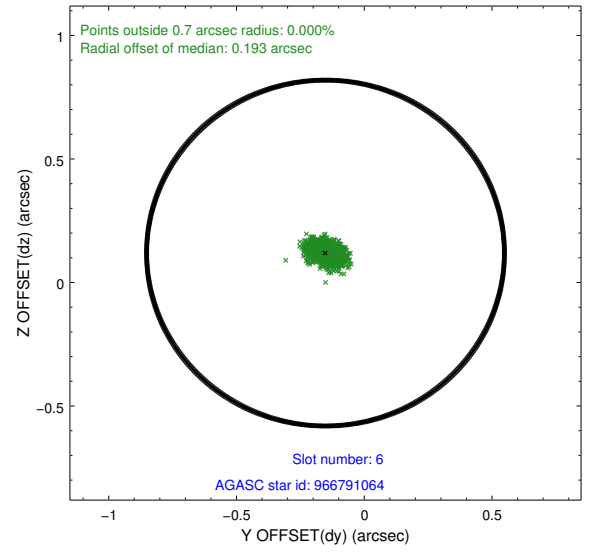
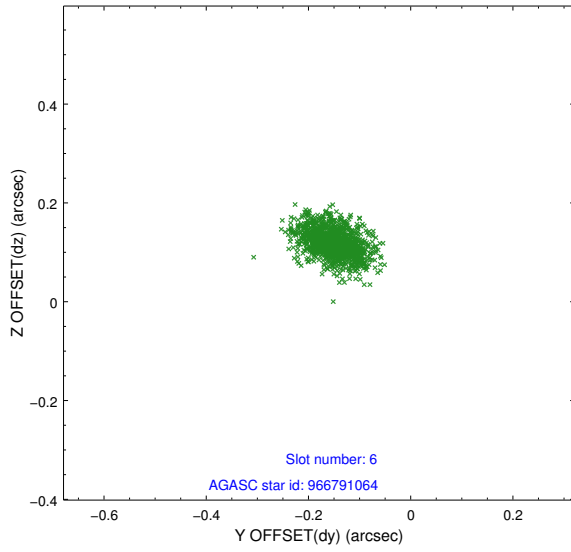
2.4.2 Slot 4



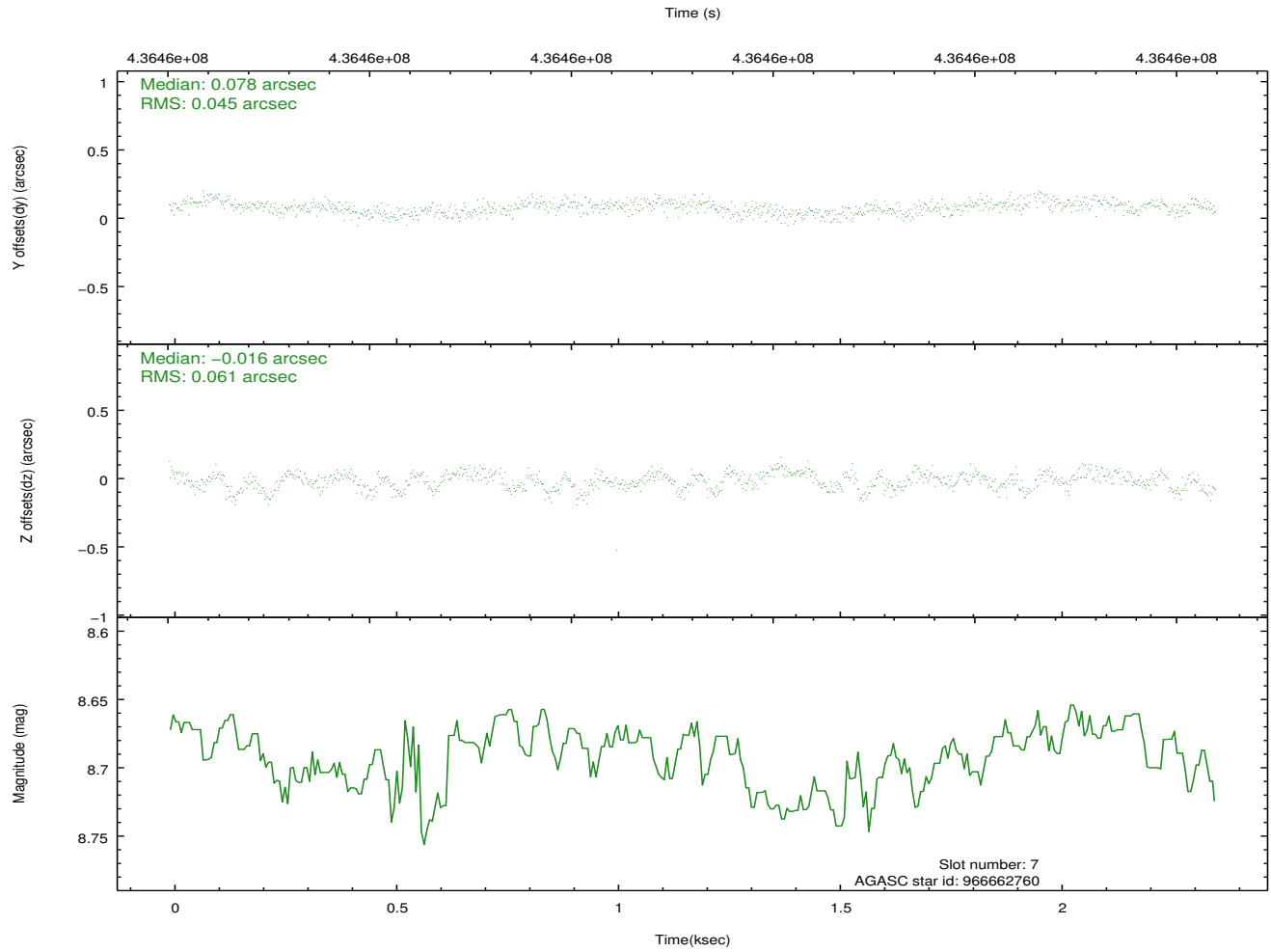
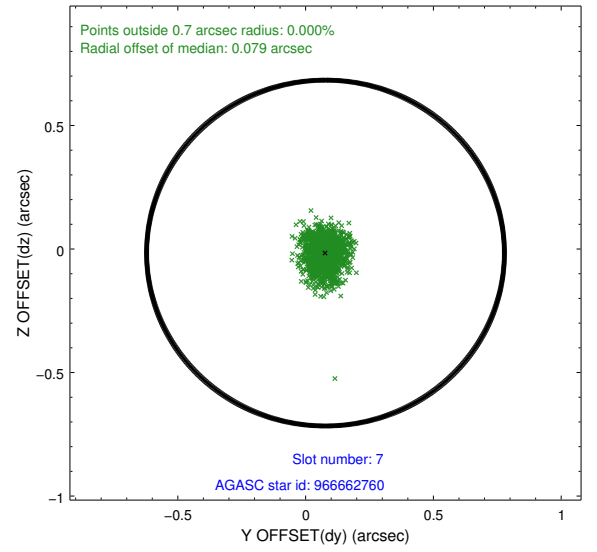
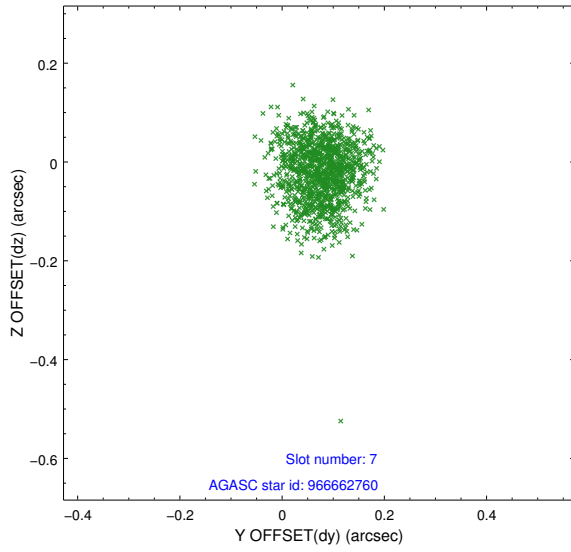
2.4.3 Slot 5



2.4.4 Slot 6

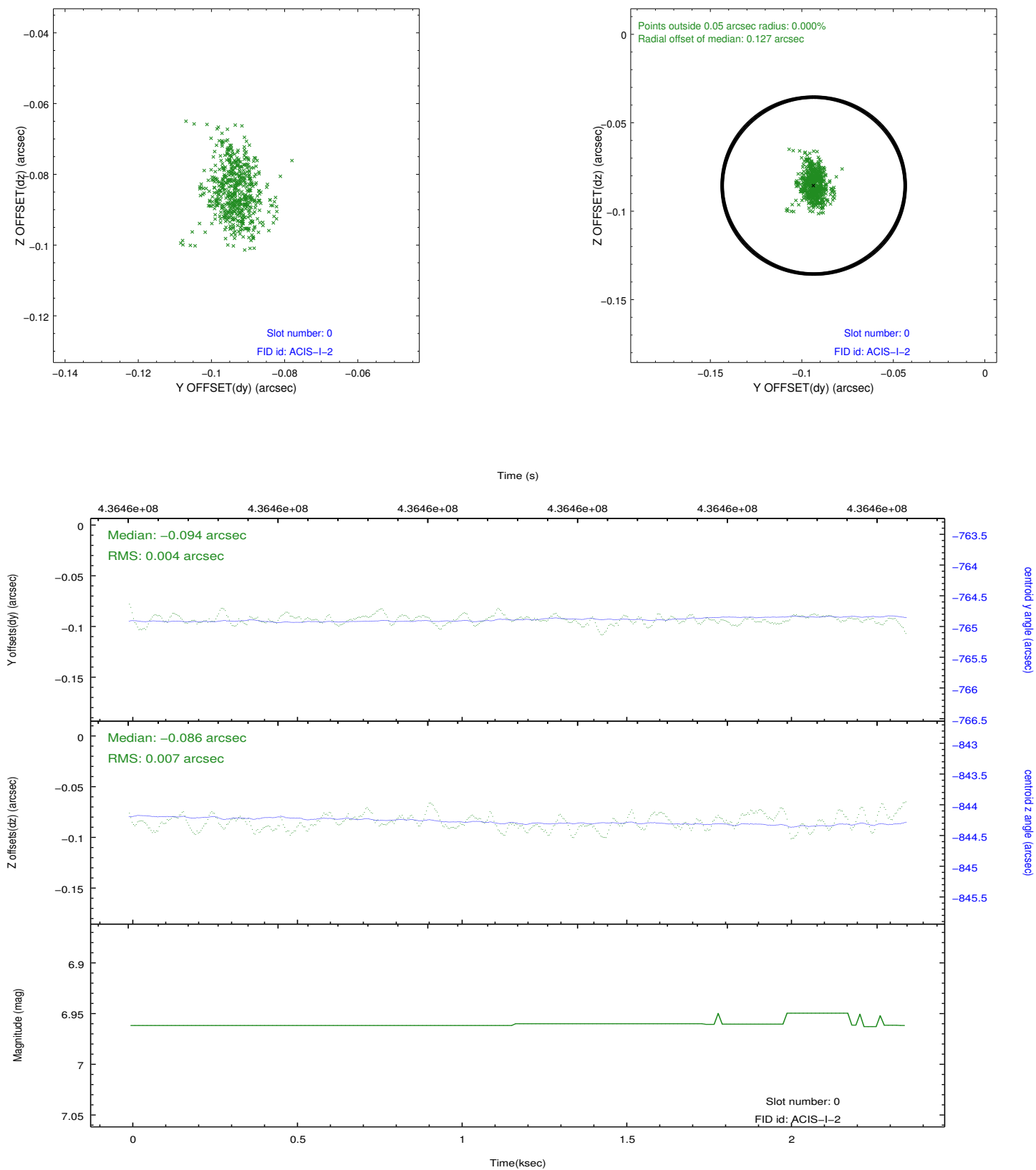


2.4.5 Slot 7

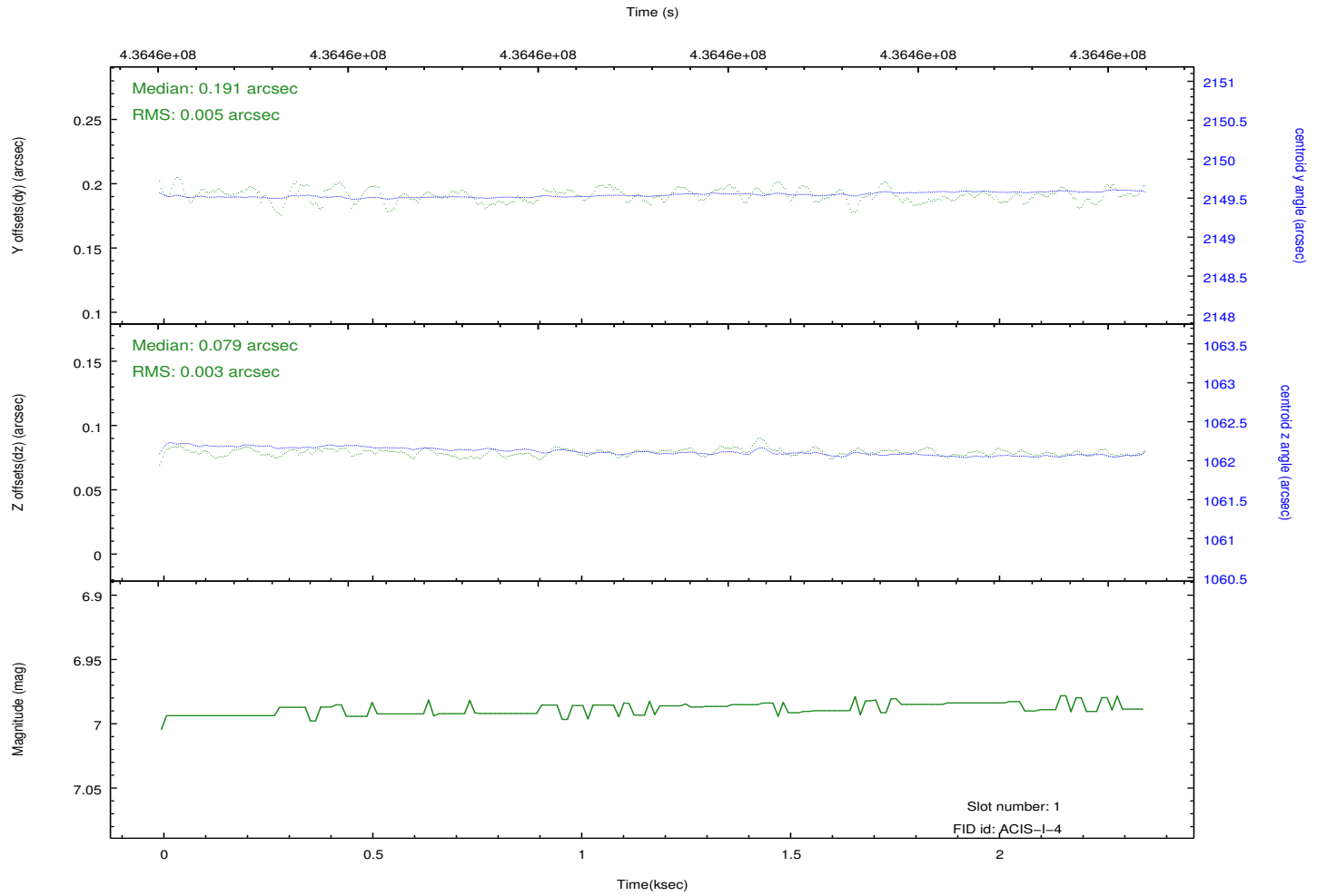
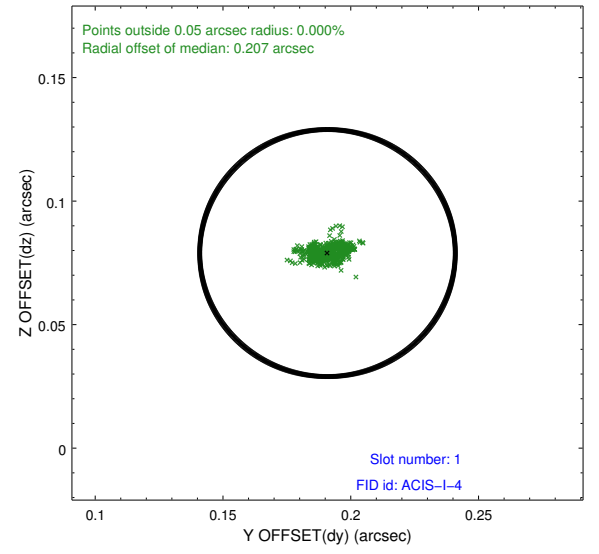
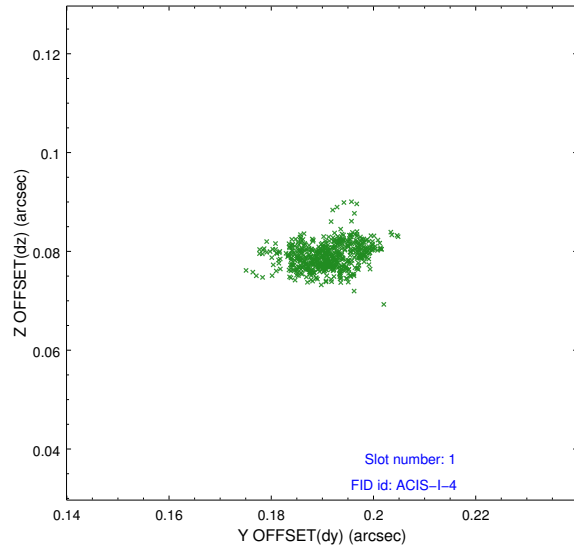


2.5 FID Slots

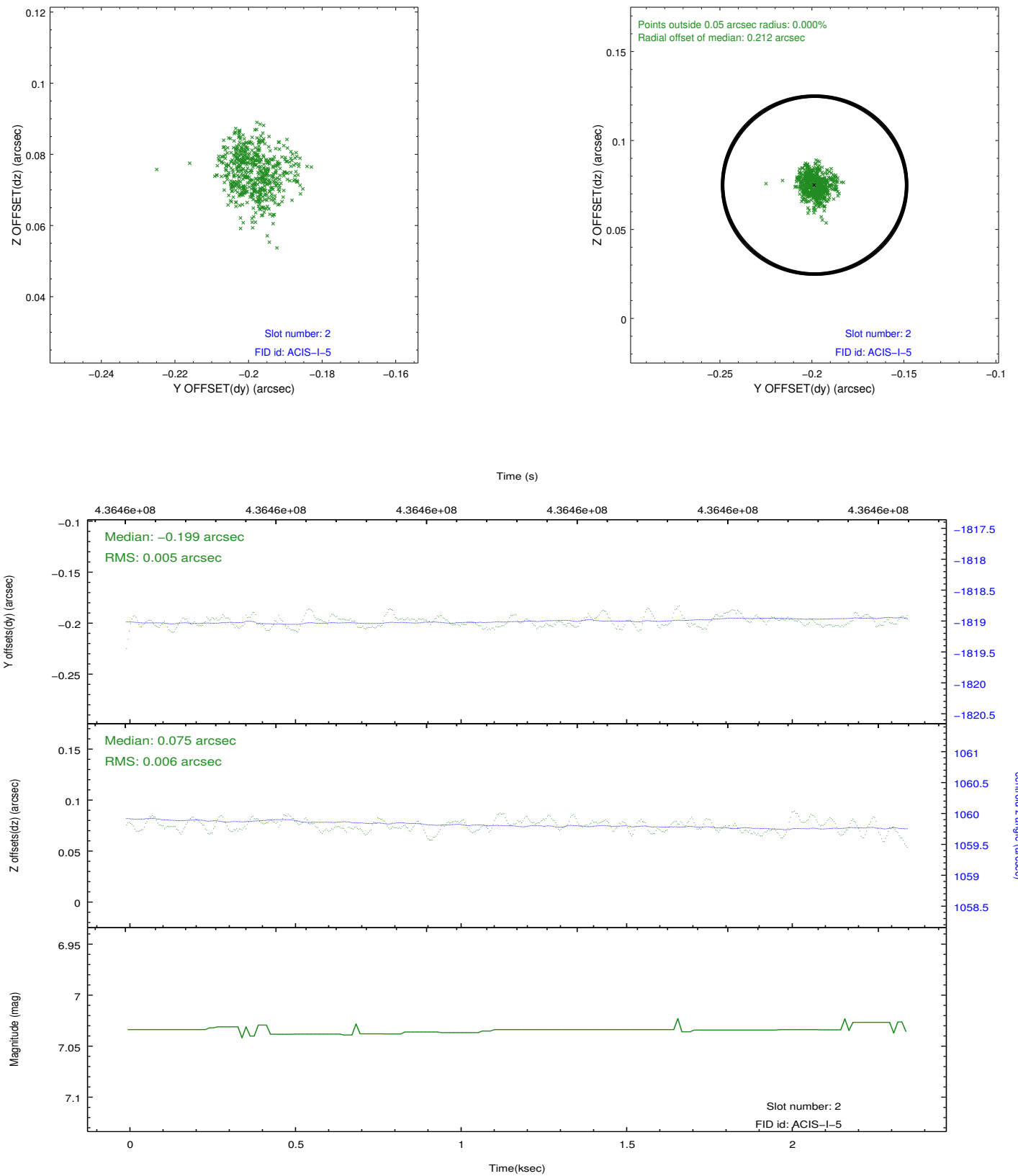
2.5.1 Slot 0



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)	2012.03.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.9716000151634

A.2 Comments

Joint Proposal: NOAO