

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3349 - L2 Version 3
Chandra X-Ray Center

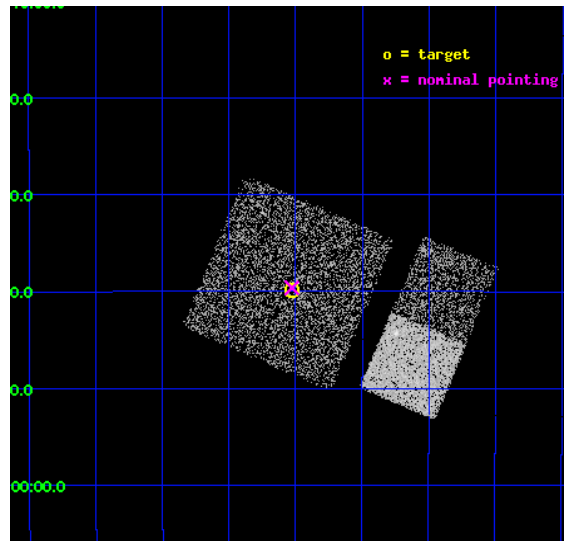
L2 Processing Date : Oct 10 2012

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1 Front

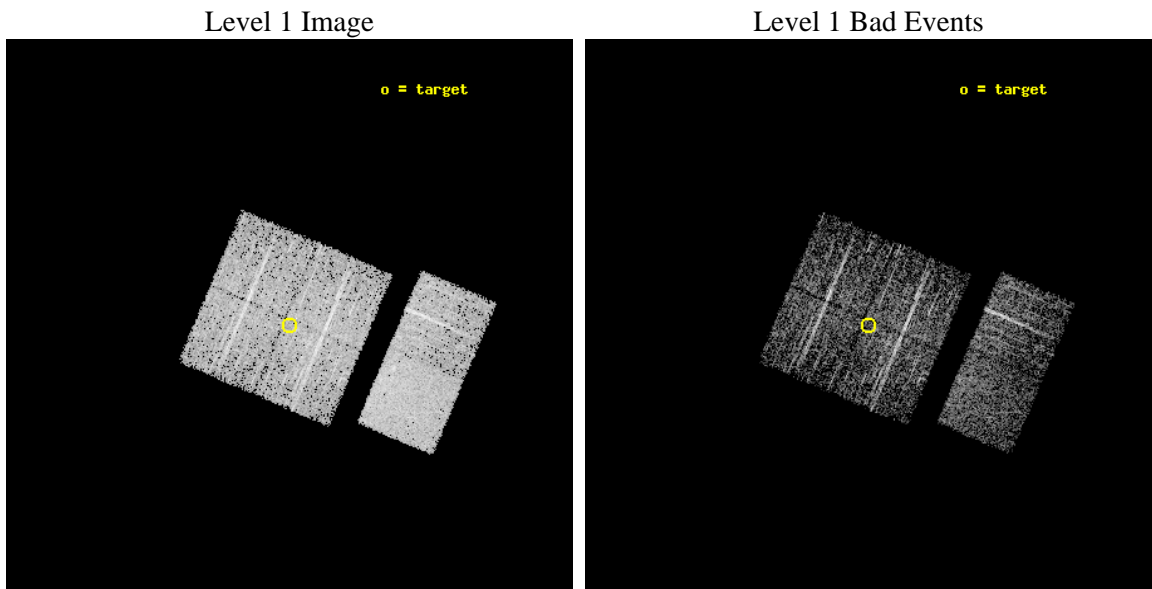
seq_num	900188	Sequence number
obs_id	3349	Observation id
title	CHANDRA OBSERVATIONS OF OPTICALLY FAINT SOURCES DISCOVERED WITH ASCA	
observer	Dr Yoshihiro Ueda	Principal investigator
object	1AXG J003331-2139	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	8.382083	Observer's specified target RA [deg]
dec_targ	-21.665111	Observer's specified target Dec [deg]
ra_nom	8.3819416577623	Nominal RA [deg]
dec_nom	-21.660624180722	Nominal Dec [deg]
roll_nom	113.11826829735	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2959.9999889731	Sum of GTIs [s]
livetime	2922.5186868147	Livetime [s]
ontime0	2959.9999889731	Sum of GTIs [s]
ontime1	2959.9999889731	Sum of GTIs [s]
ontime2	2959.9999889731	Sum of GTIs [s]
ontime3	2959.9999889731	Sum of GTIs [s]
ontime6	2959.9999889731	Sum of GTIs [s]
ontime7	2959.9999889731	Sum of GTIs [s]
l2events	20107	Number of level 2 events



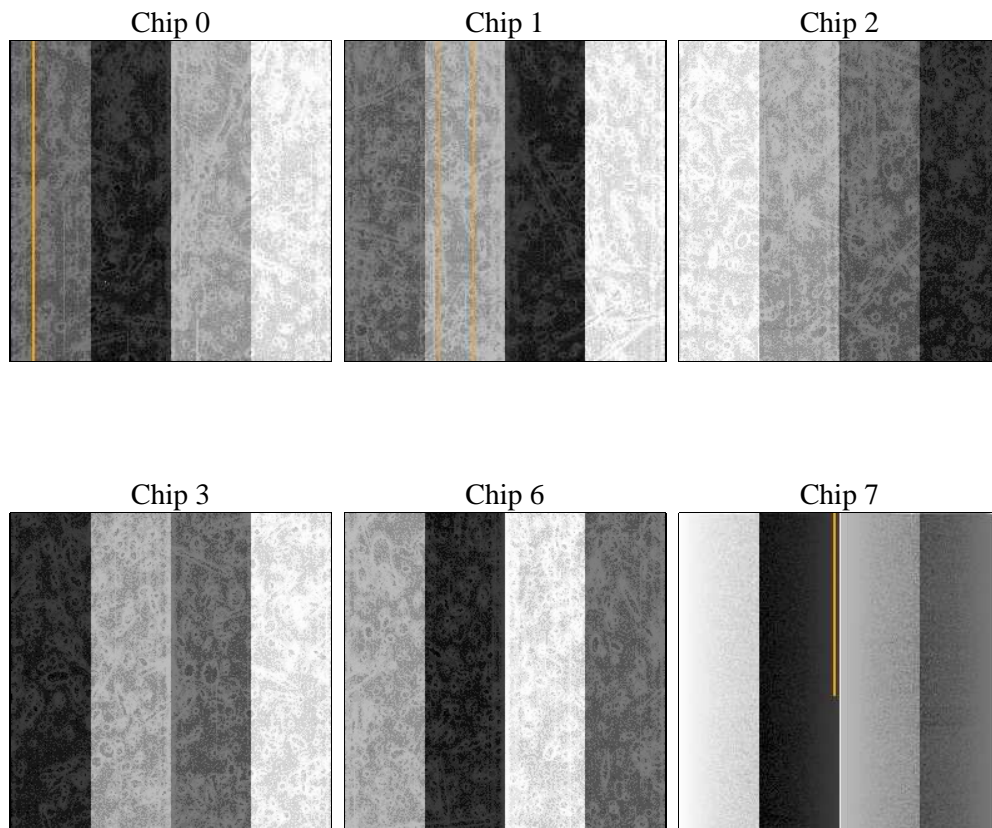
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2959.9999889731	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	2959.9999889731	Sum of GTIs [s]
date	2012-10-10T03:22:46	Date and time of file creation	ontime1	2959.9999889731	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2959.9999889731	Sum of GTIs [s]
			ontime3	2959.9999889731	Sum of GTIs [s]
			ontime6	2959.9999889731	Sum of GTIs [s]
			ontime7	2959.9999889731	Sum of GTIs [s]
			l1events	120490	Number of level 1 events

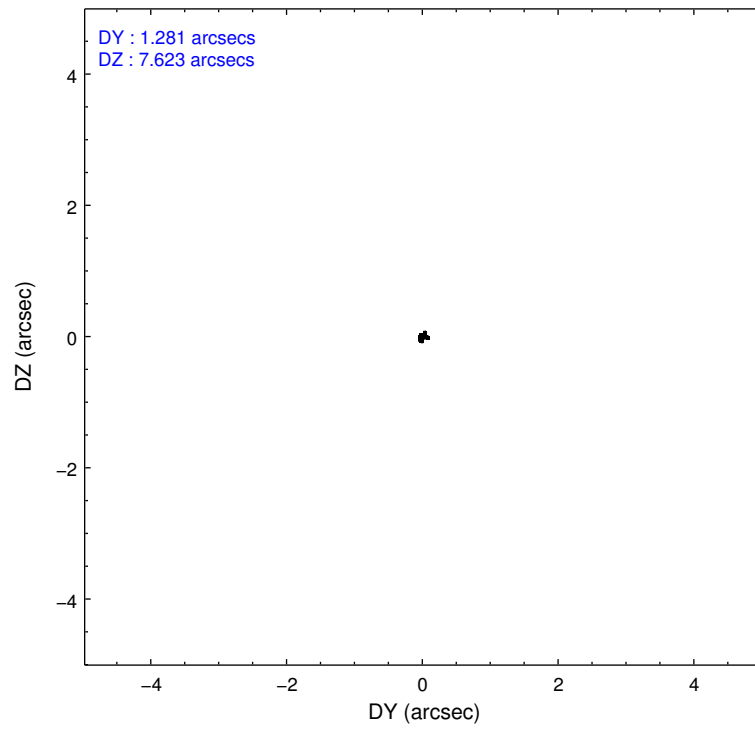
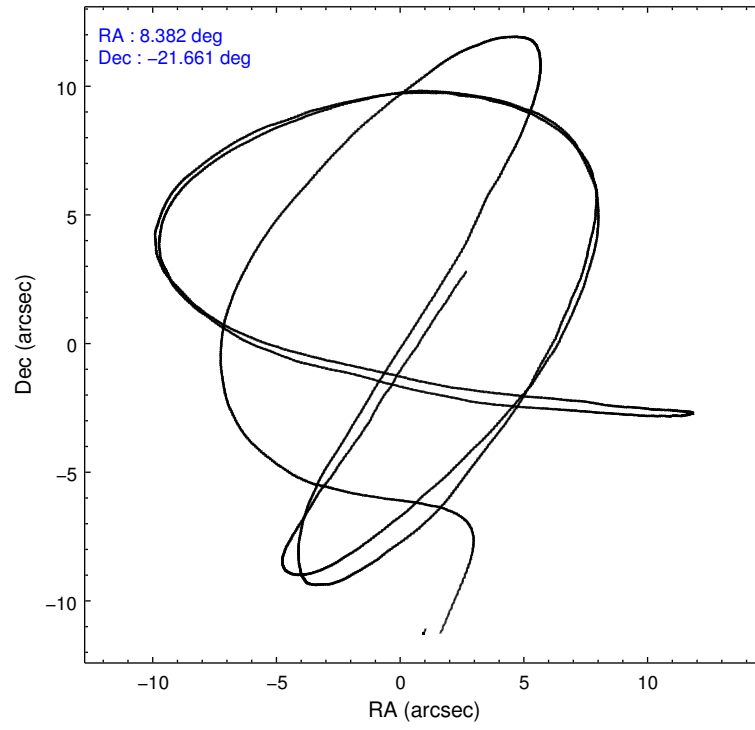
2.1.4 Events

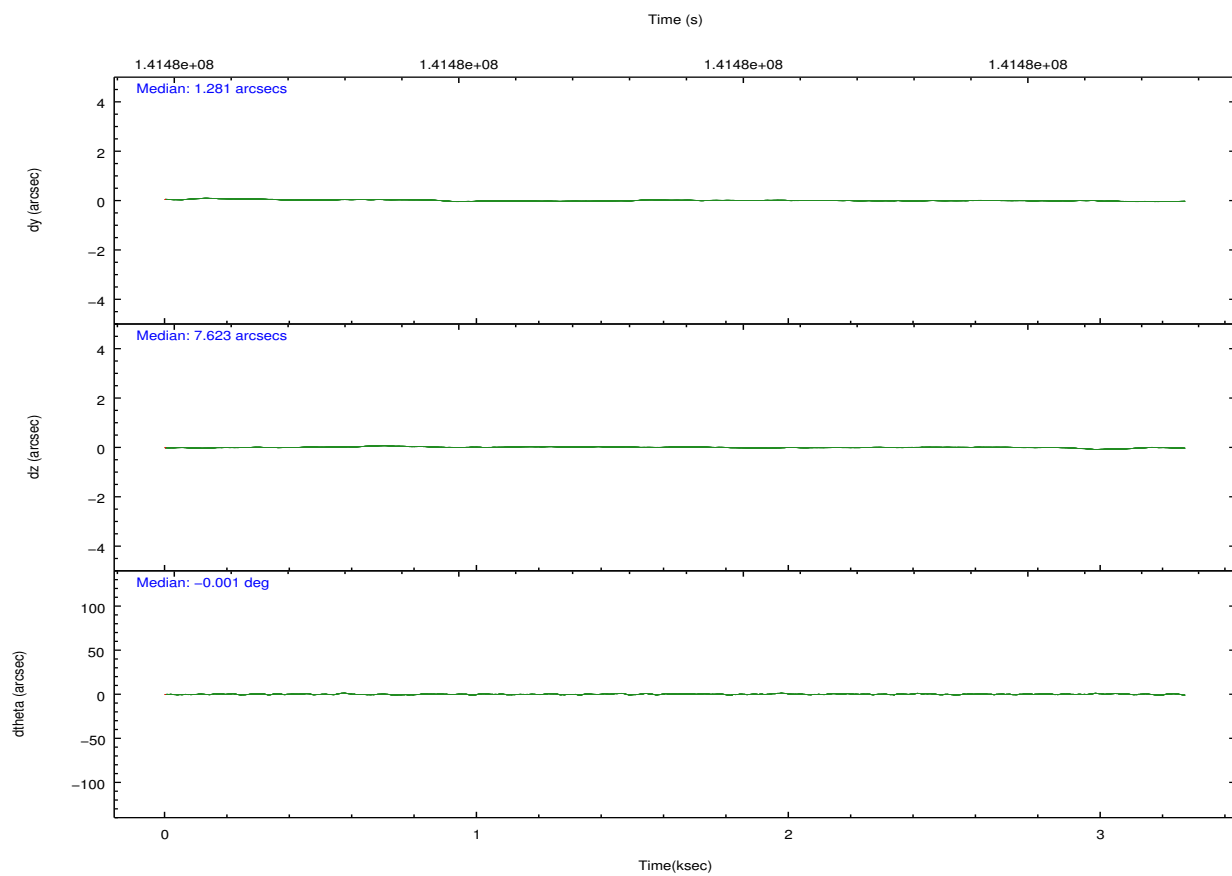
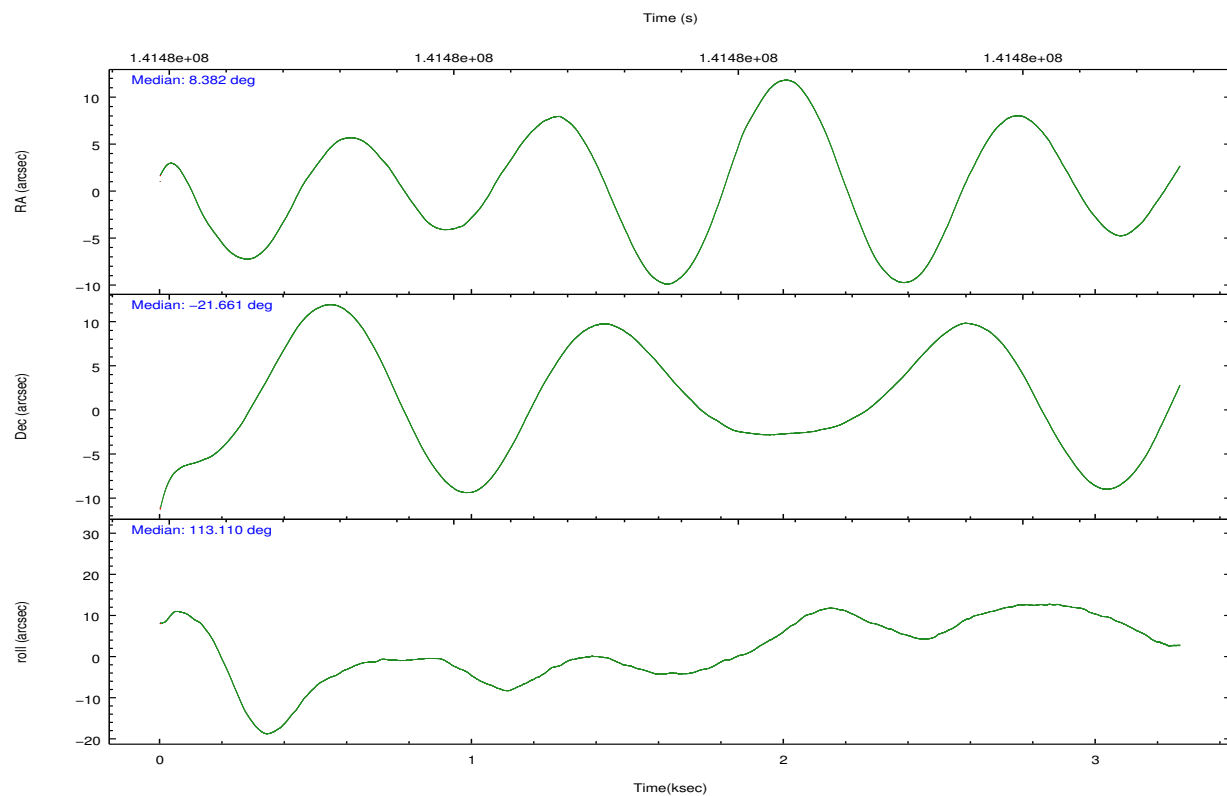
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	17801	18154	20112	19077	19581	25765	grade 0 events	1000	896	965	963	910	967
rejected events	15492	15848	17848	16898	17315	15137		5%	4%	4%	5%	4%	3%
rejected %	87%	87%	88%	88%	88%	58%	grade 1 events	6	9	16	6	11	26
								0%	0%	0%	0%	0%	0%
							grade 2 events	461	471	469	439	455	2057
								2%	2%	2%	2%	2%	7%
							grade 3 events	222	240	222	212	224	926
								1%	1%	1%	1%	1%	3%
							grade 4 events	229	251	211	219	232	949
								1%	1%	1%	1%	1%	3%
							grade 5 events	713	791	707	764	895	2468
								4%	4%	3%	4%	4%	9%
							grade 6 events	400	453	402	347	448	5740
								2%	2%	1%	1%	2%	22%
							grade 7 events	14770	15043	17120	16127	16406	12632
								82%	82%	85%	84%	83%	49%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	8.405707	8.38194165776234	Subarray requested	NONE	NONE
[deg] Pointing Dec	-21.676813	-21.66062418072183	Alternating exposures requested	N	N
[deg] Pointing Roll	112.918335	113.1182682973549	[s] Primary exposure time	0.000000	3.2
[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)	141482400.184000	141481385.50559			
Observation start date	2002-06-26T12:38:56	2002-06-26T12:23:05			
[s] Observation end time (MET)	141485400.184000	141486132.28078			
Observation end date	2002-06-26T13:28:56	2002-06-26T13:42:12			
Read mode	TIMED	TIMED			

2.3 Aspect



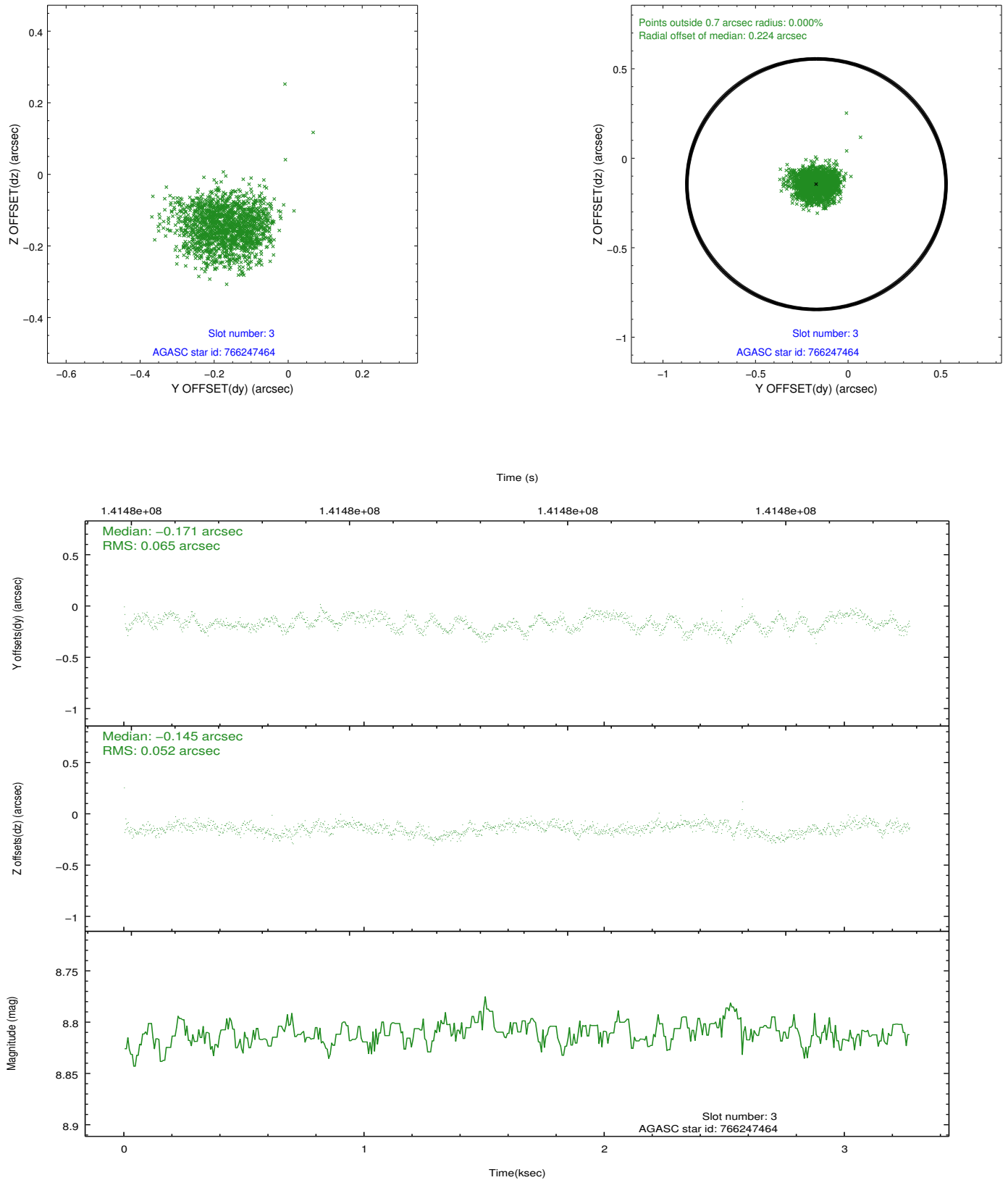


Slot Statistics

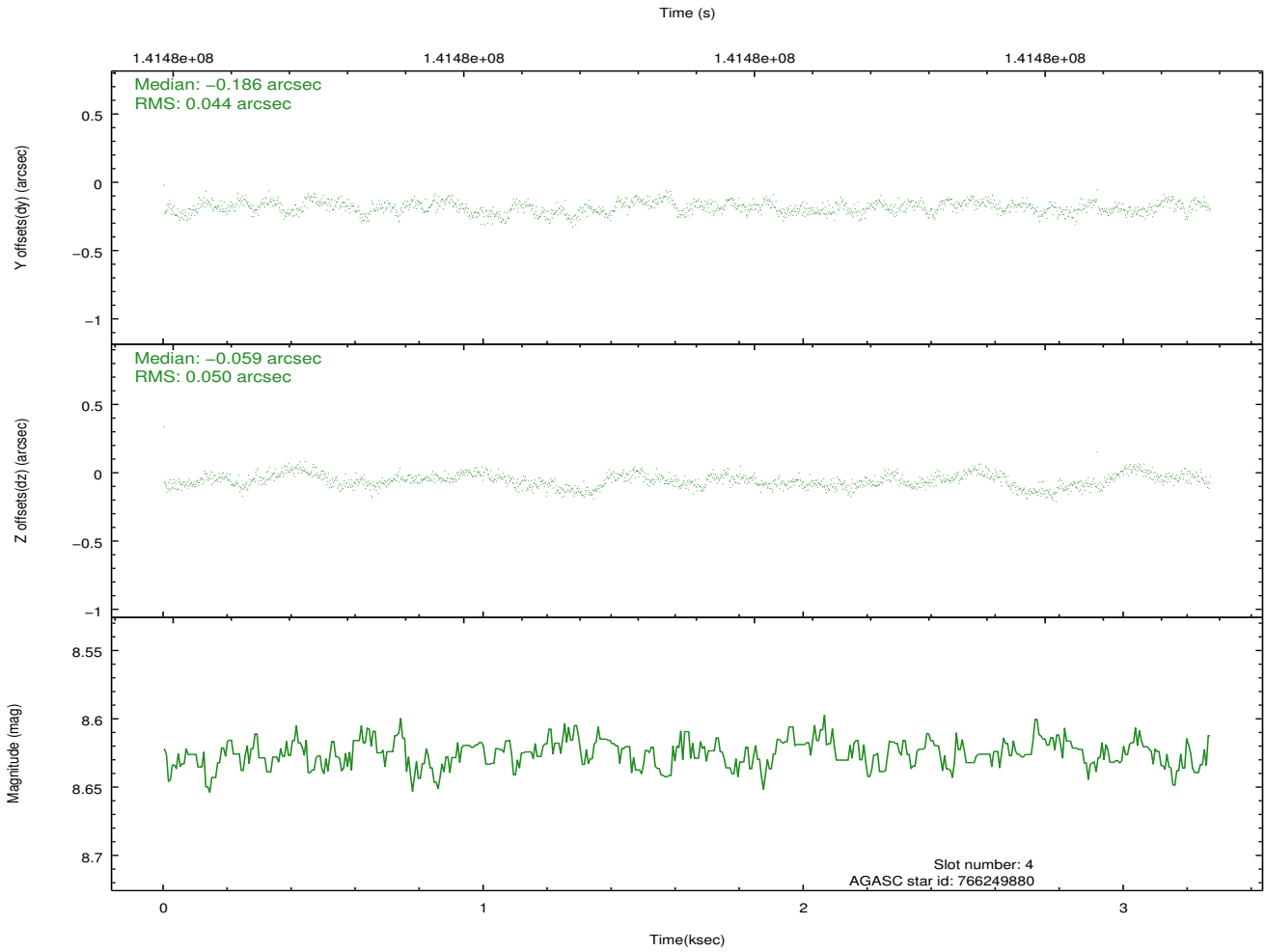
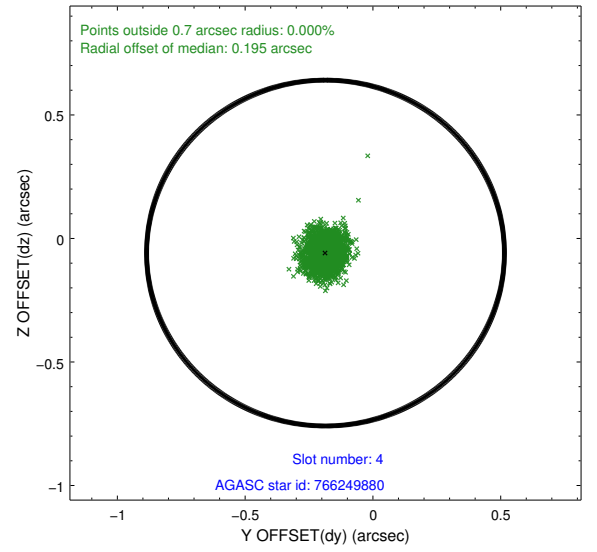
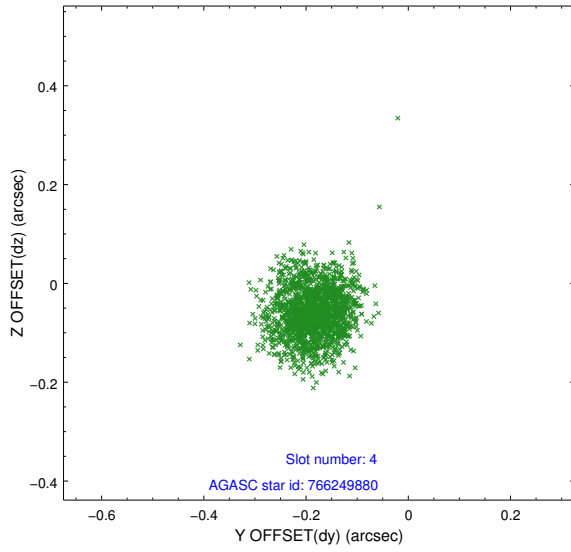
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	798	-0.009	0.040	0.006	0.011	0.000000	0.000000	938.53	-831.01
1	FID	ACIS-I-5	7.23	798	-0.060	0.044	0.006	0.011	0.000000	0.000000	-1808.51	1065.57
2	FID	ACIS-I-6	7.27	798	-0.023	-0.014	0.006	0.011	0.000000	0.000000	402.01	1712.17
3	GUIDE	766247464	8.81	1596	-0.171	-0.145	0.090	0.138	7.543909	-21.461903	1830.80	2361.71
4	GUIDE	766249880	8.63	1595	-0.186	-0.059	0.072	0.111	7.800027	-21.351238	1869.00	1417.70
5	GUIDE	766642920	8.77	1595	-0.001	0.002	0.083	0.138	8.852128	-21.744414	-804.56	-1278.11
6	GUIDE	766643376	9.86	1592	0.242	-0.123	0.163	0.269	8.183317	-22.441464	-2246.88	1753.03
7	GUIDE	766641840	10.23	1559	0.114	0.329	0.121	0.208	9.061753	-21.741455	-1072.57	-1926.29

2.4 Star Slots

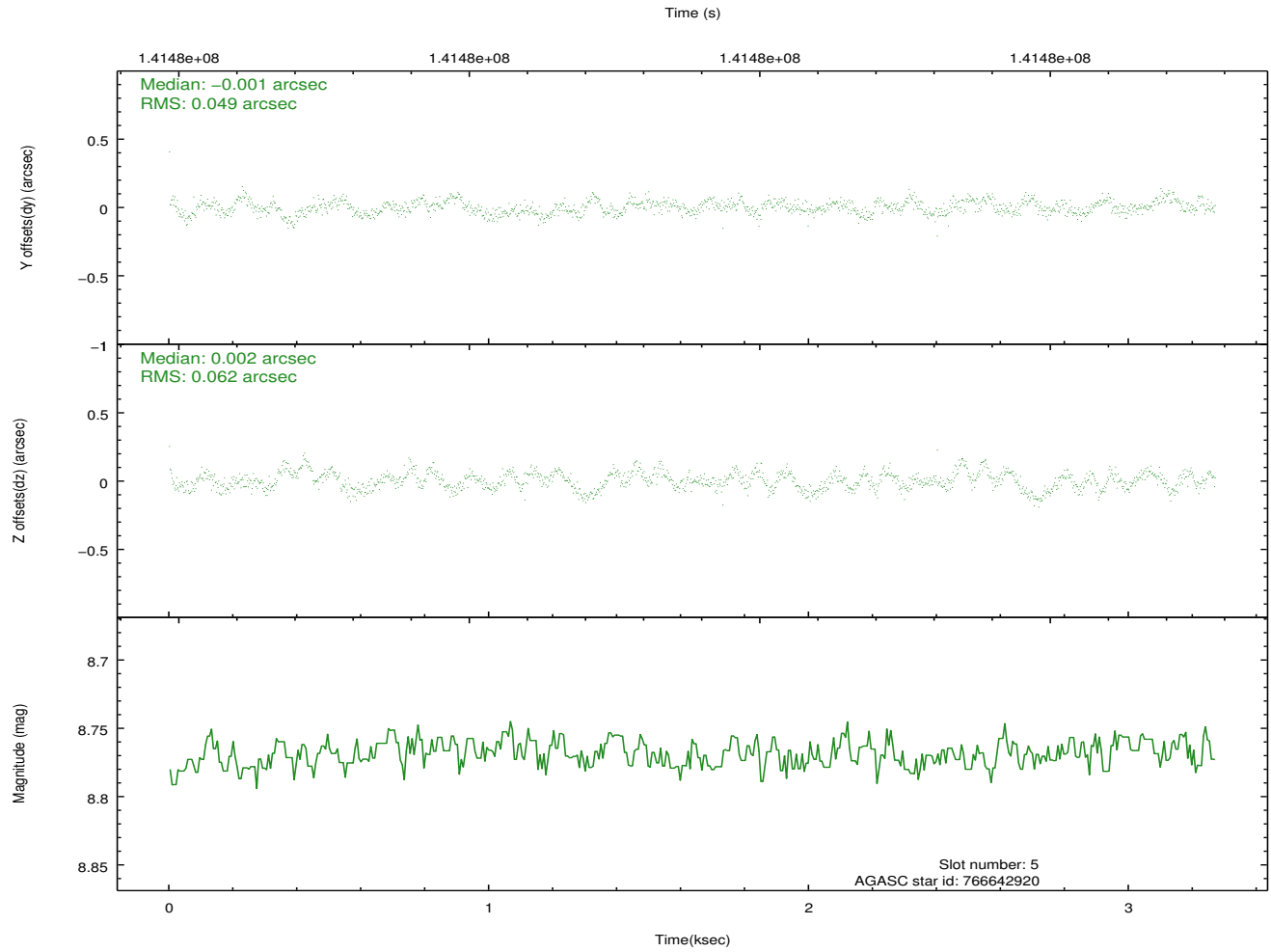
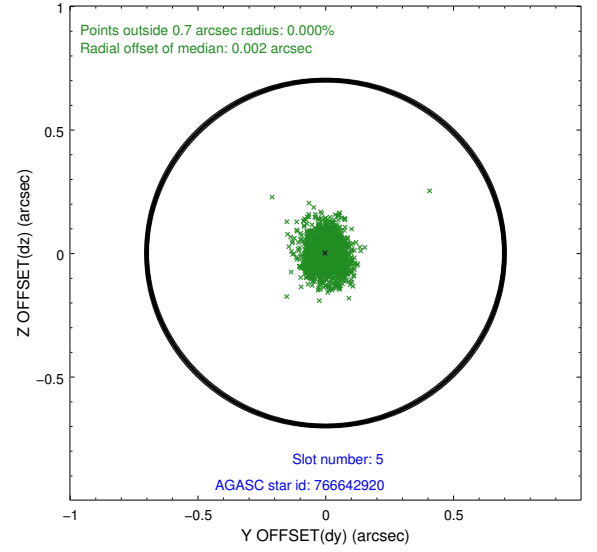
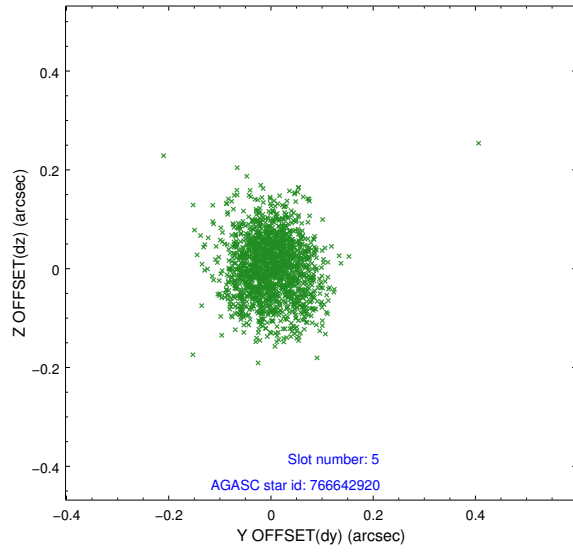
2.4.1 Slot 3



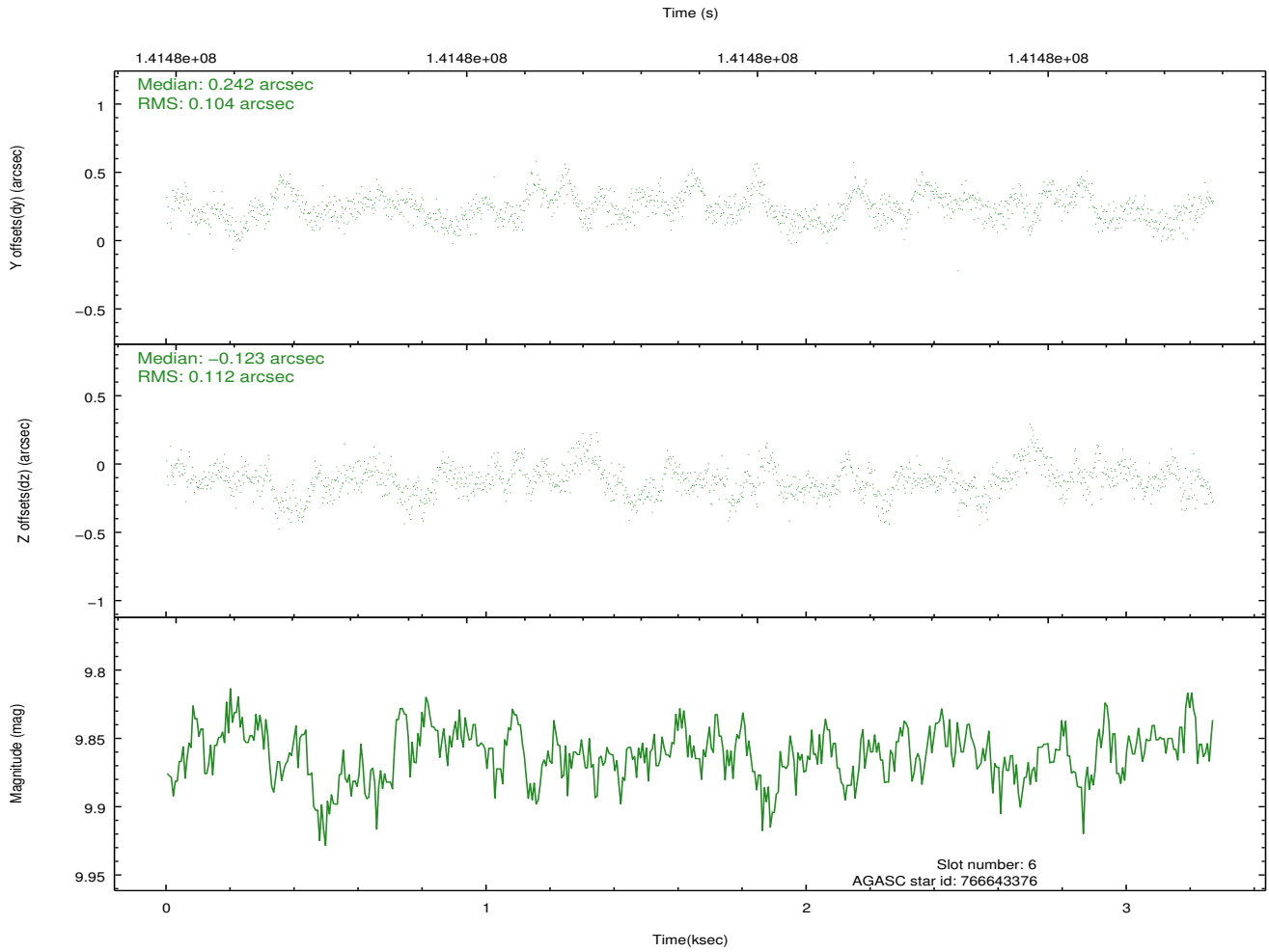
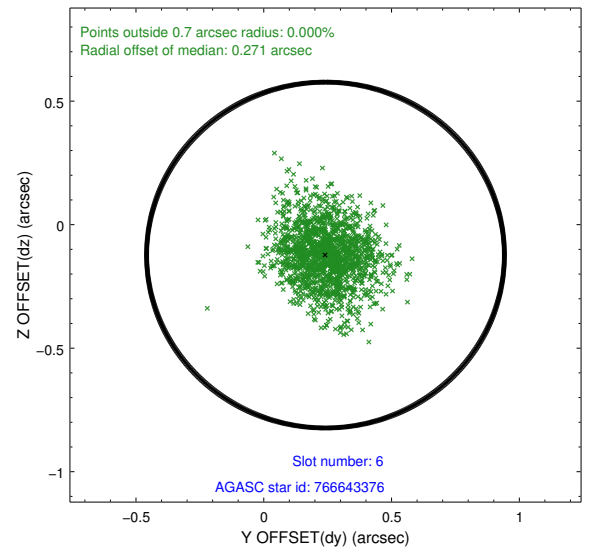
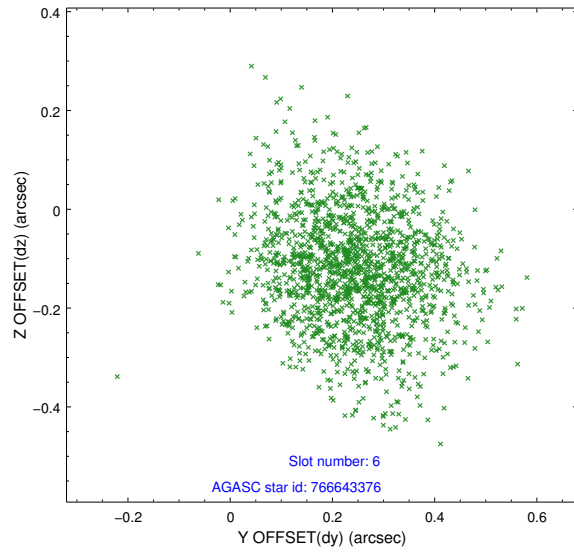
2.4.2 Slot 4



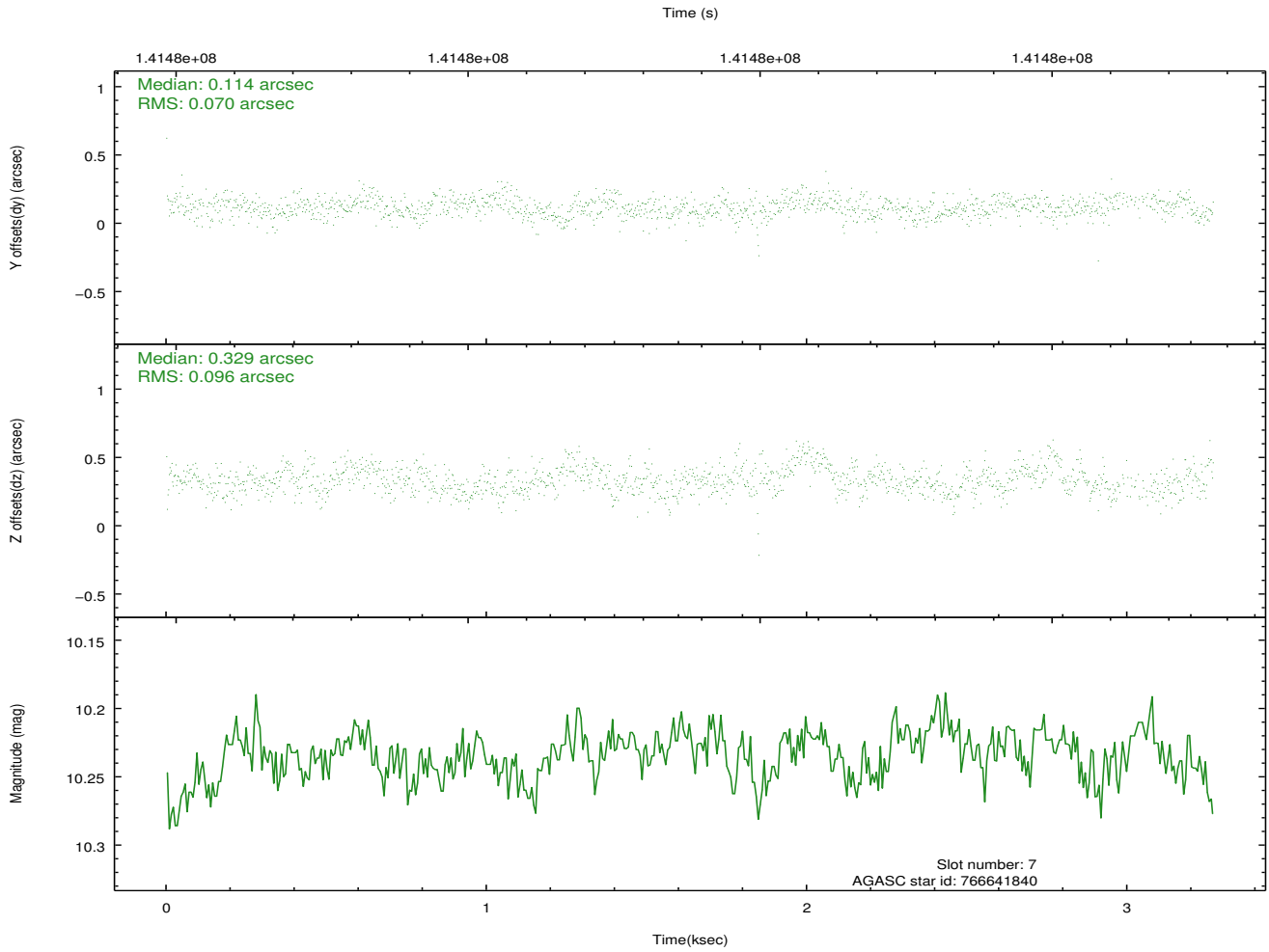
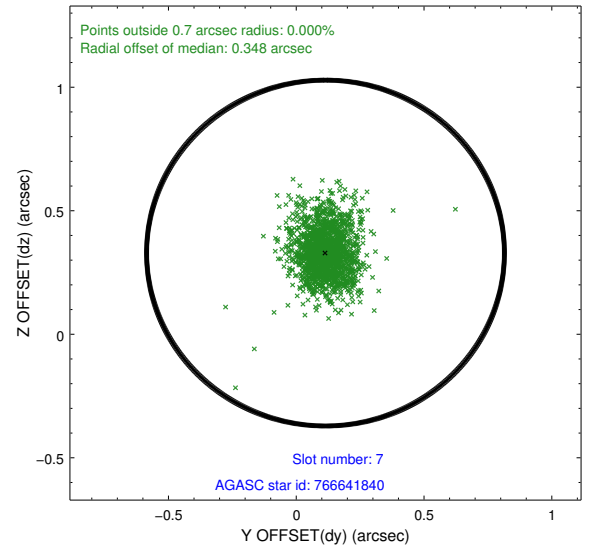
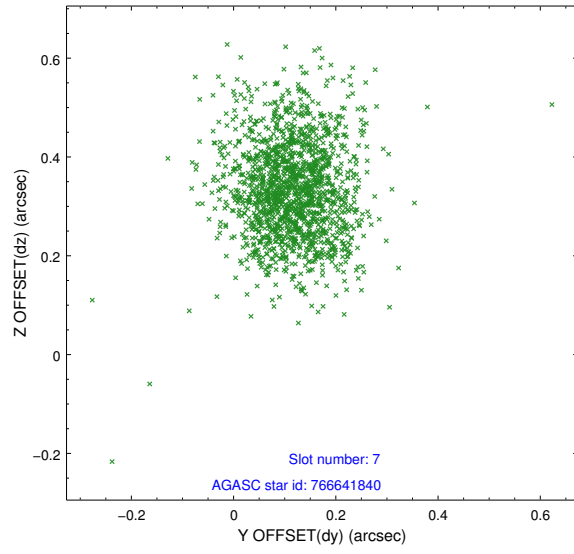
2.4.3 Slot 5



2.4.4 Slot 6

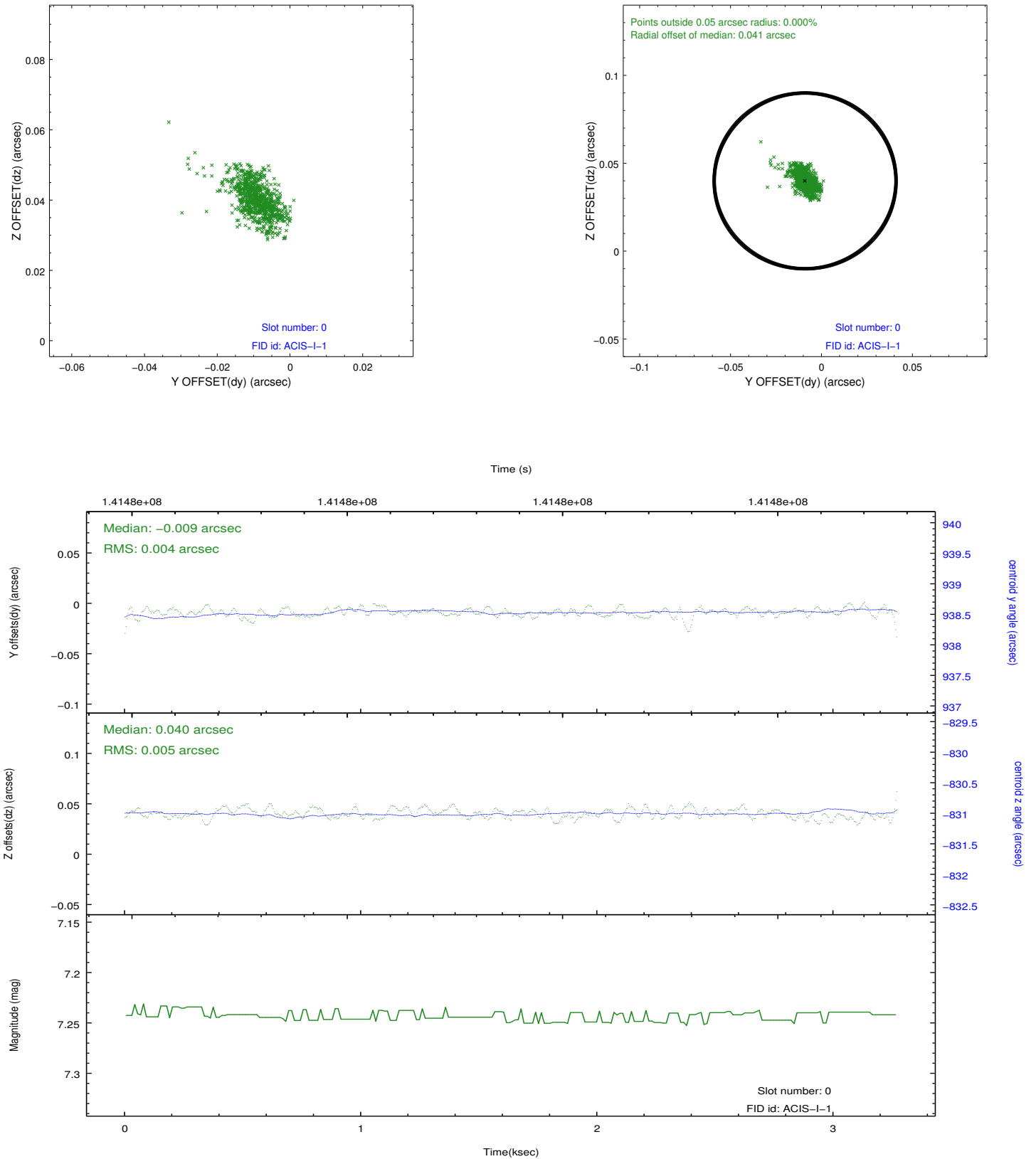


2.4.5 Slot 7

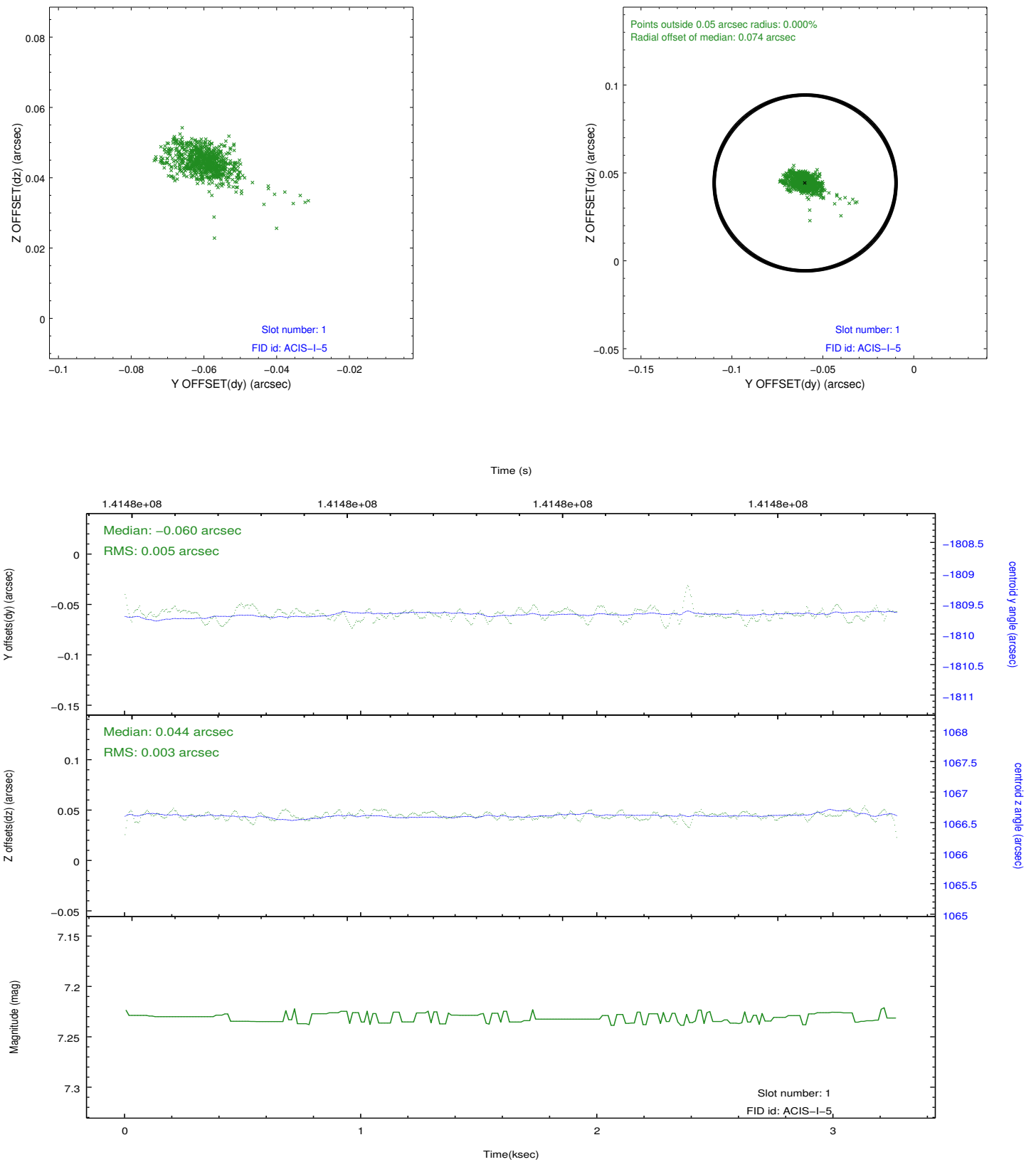


2.5 FID Slots

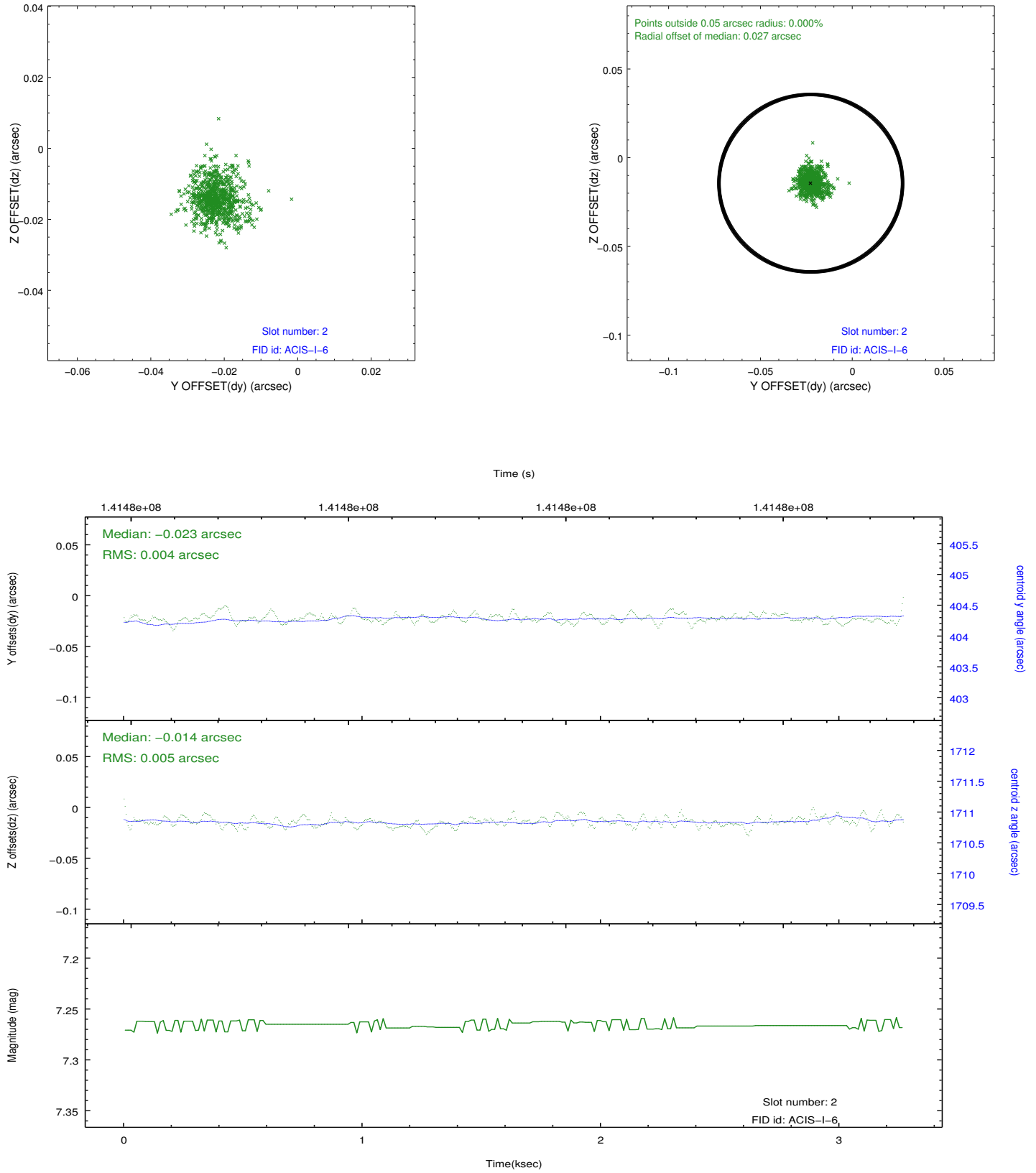
2.5.1 Slot 0



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)	2012.10.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.963

A.2 Comments