

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2152 - L2 Version 3
Chandra X-Ray Center

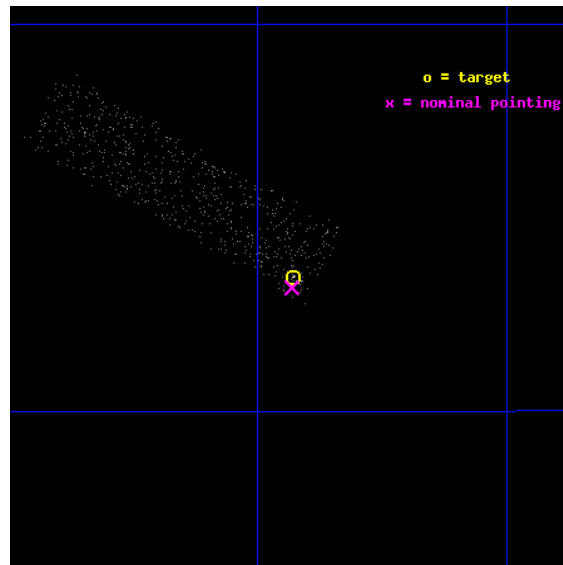
L2 Processing Date : Sep 7 2012

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1 Front

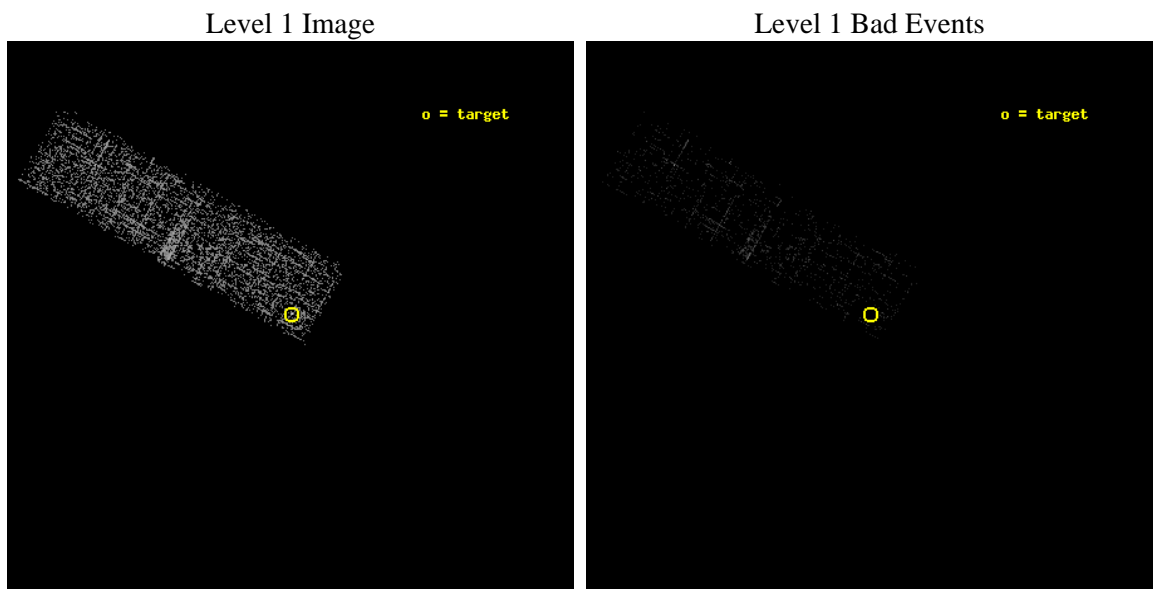
seq_num	700342	Sequence number
obs_id	2152	Observation id
title	RED QUASARS AND THE X-RAY BACKGROUND	Proposal title
observer	Dr. Belinda Wilkes	Principal investigator
object	2MASSJ005055+2933	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	12.732083	Observer's specified target RA [deg]
dec_targ	29.557806	Observer's specified target Dec [deg]
ra_nom	12.732843037173	Nominal RA [deg]
dec_nom	29.55305579671	Nominal Dec [deg]
roll_nom	299.6727218701	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3643.9999864399	Sum of GTIs [s]
livetime	3466.1847107771	Livetime [s]
ontime3	3643.9999864399	Sum of GTIs [s]
l2events	789	Number of level 2 events



2 OBI

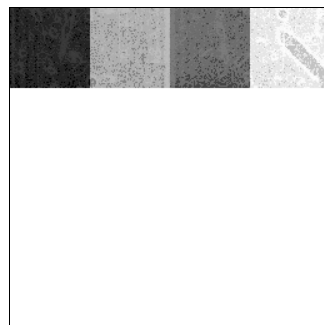
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 3



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3800.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	3643.9999864399	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime3	3643.9999864399	Sum of GTIs [s]
date	2012-09-07T03:40:04	Date and time of file creation	l1events	7759	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

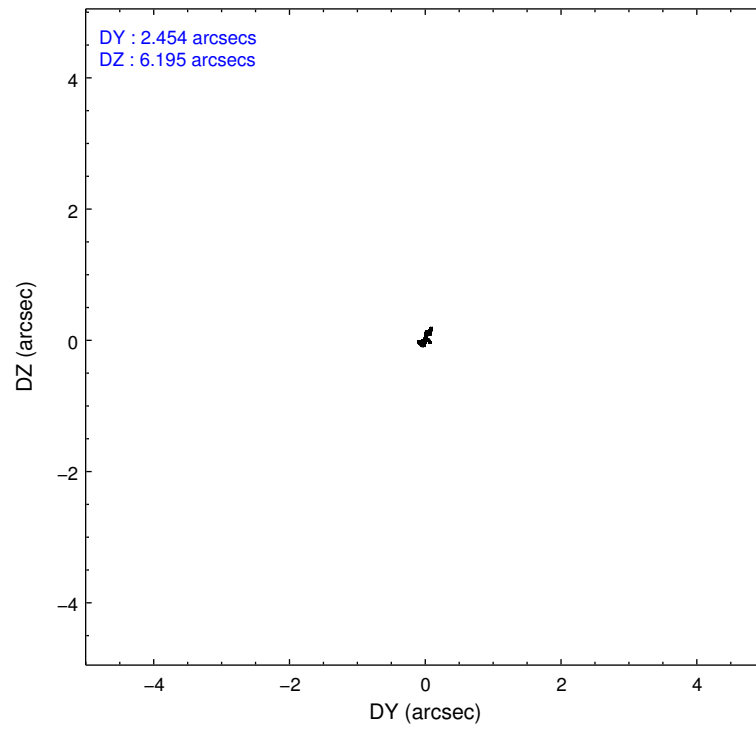
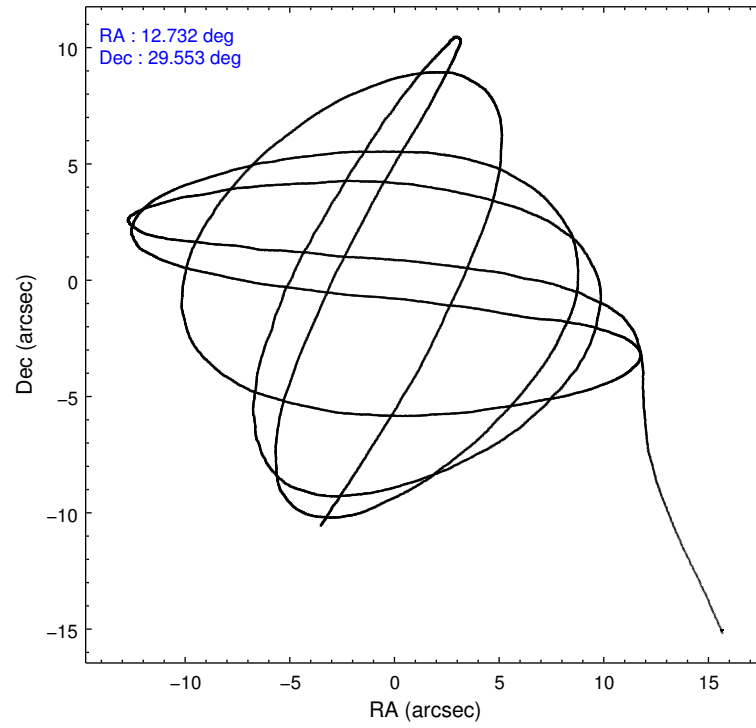
	ccd 3
level 1 events	7759
rejected events	6805
rejected %	87%

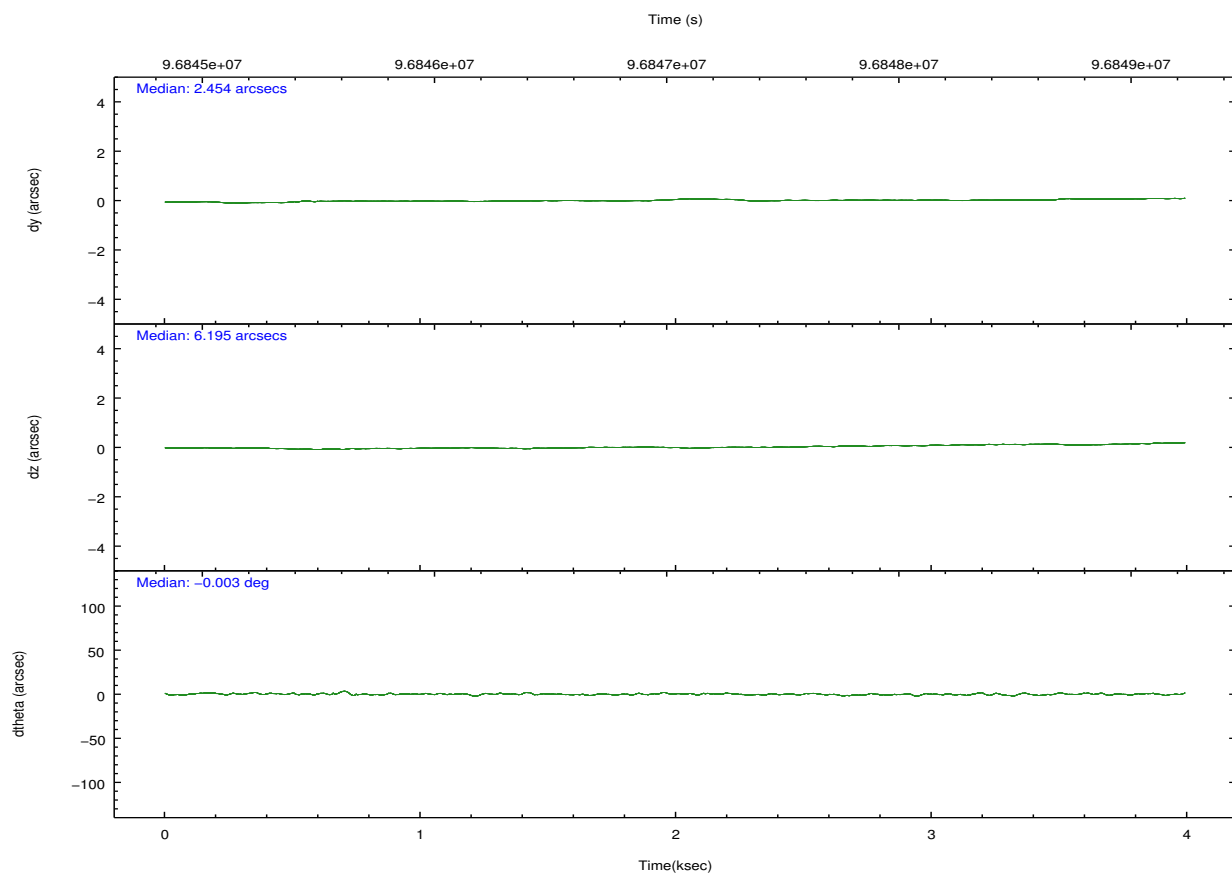
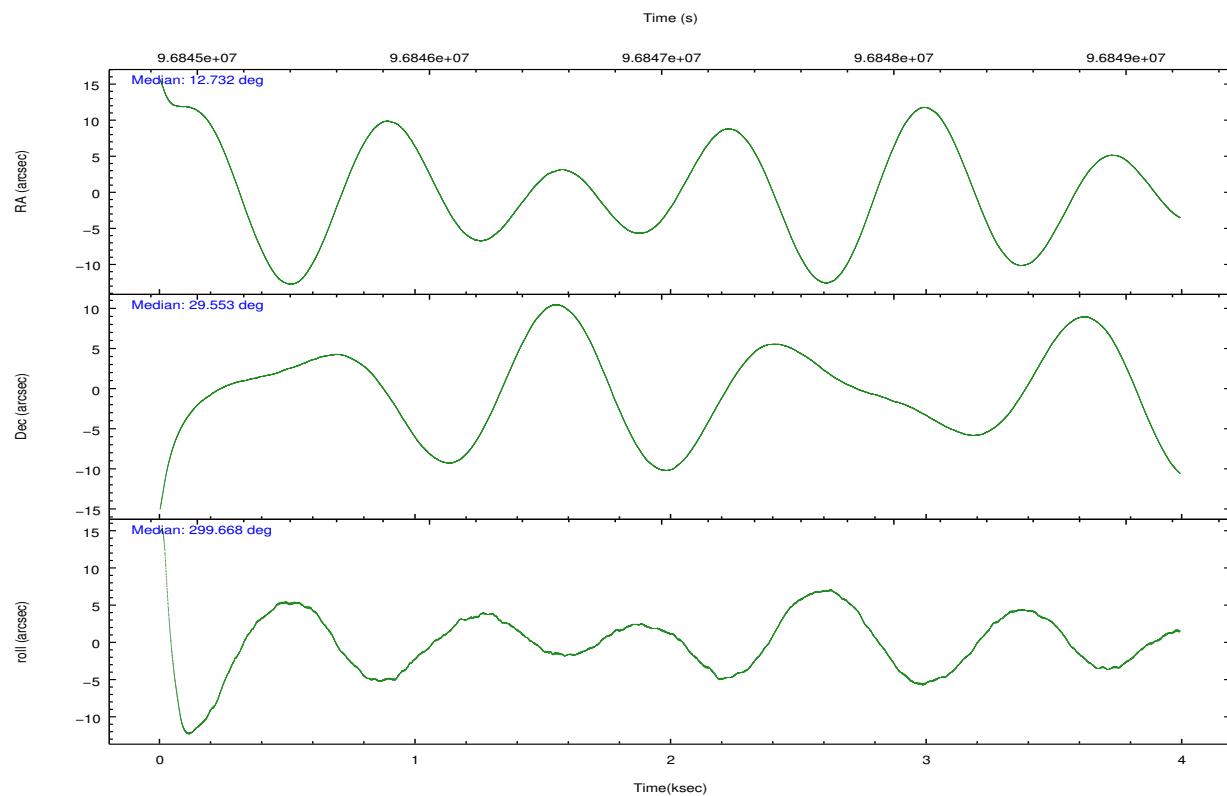
	ccd 3
grade 0 events	380
	4%
grade 1 events	3
	0%
grade 2 events	149
	1%
grade 3 events	139
	1%
grade 4 events	141
	1%
grade 5 events	215
	2%
grade 6 events	145
	1%
grade 7 events	6587
	84%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-3	ACIS-3	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	12.705465	12.73284303717319	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	29.566926	29.55305579671041	Subarray start row	769	769
[deg] Pointing Roll	299.477452	299.6727218700979	Subarray row count	256	256
[mm] SIM focus pos	-0.782348	-0.7809083437167272	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001439871863259334	[s] Primary exposure time	0.000000	0.8
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	96845234.184000	96844513.07131501			
Observation start date	2001-01-25T21:26:10	2001-01-25T21:15:13			
[s] Observation end time (MET)	96849034.184000	96849483.296507			
Observation end date	2001-01-25T22:29:30	2001-01-25T22:38:03			
Read mode	TIMED	TIMED			

2.3 Aspect



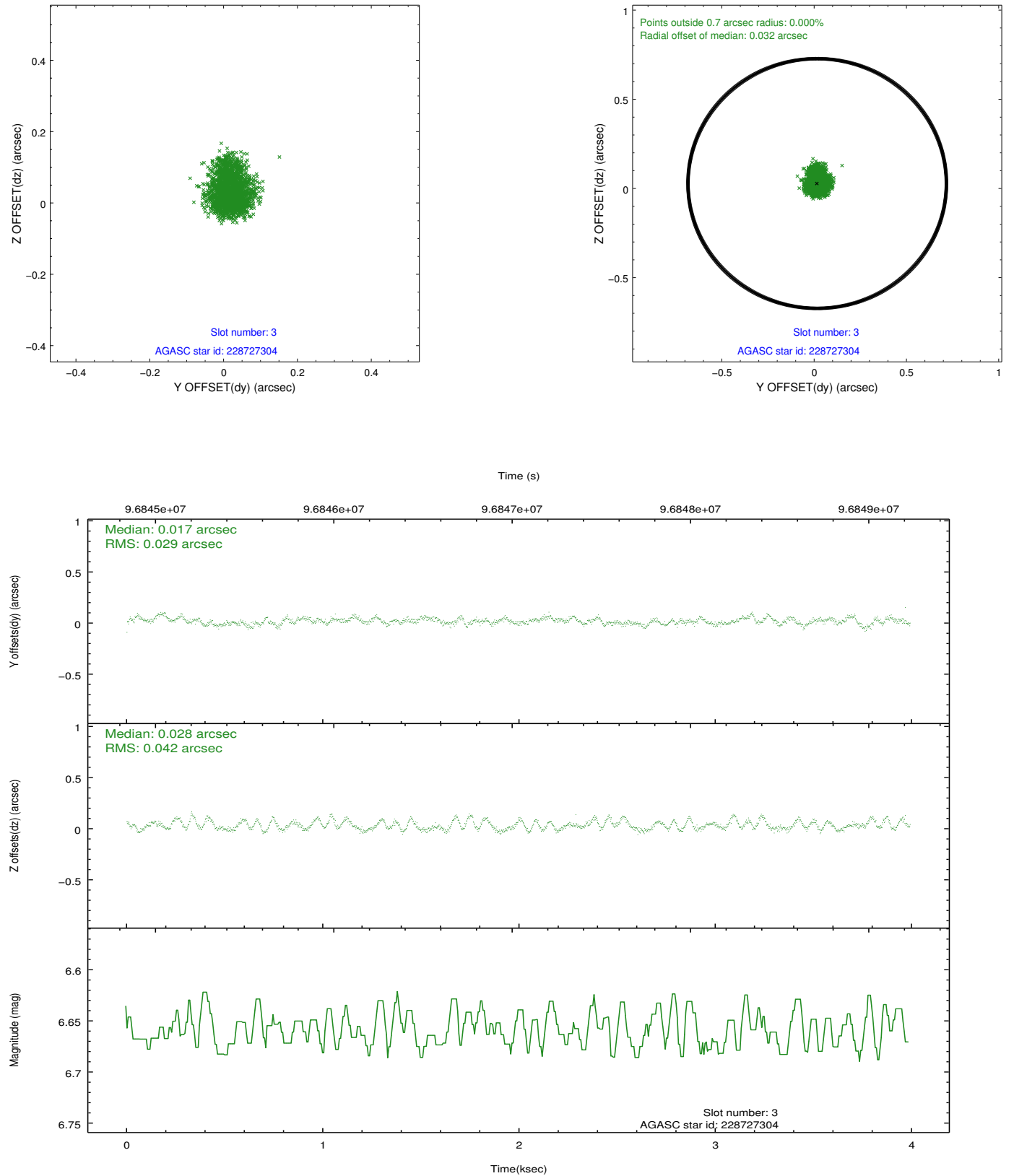


Slot Statistics

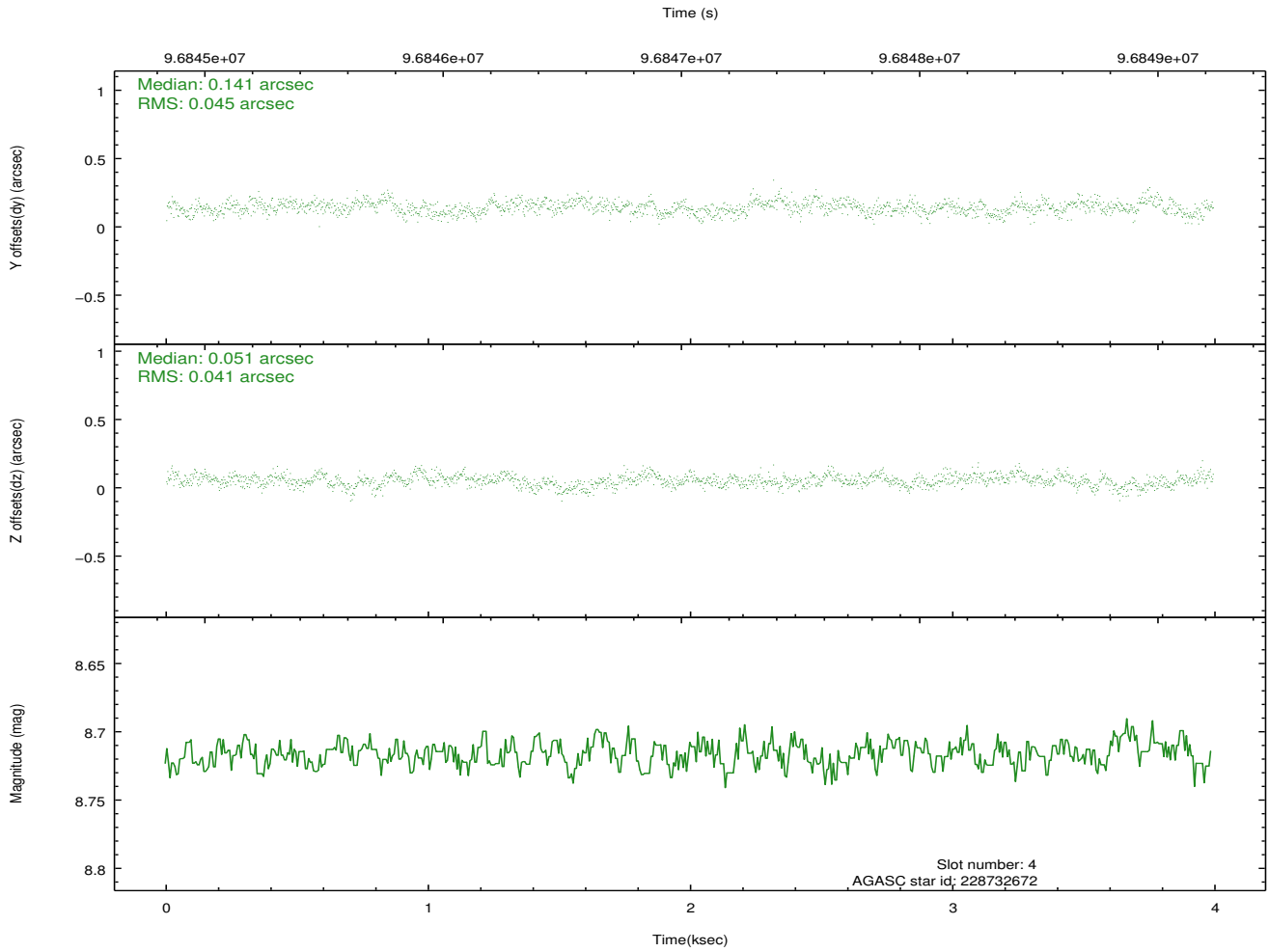
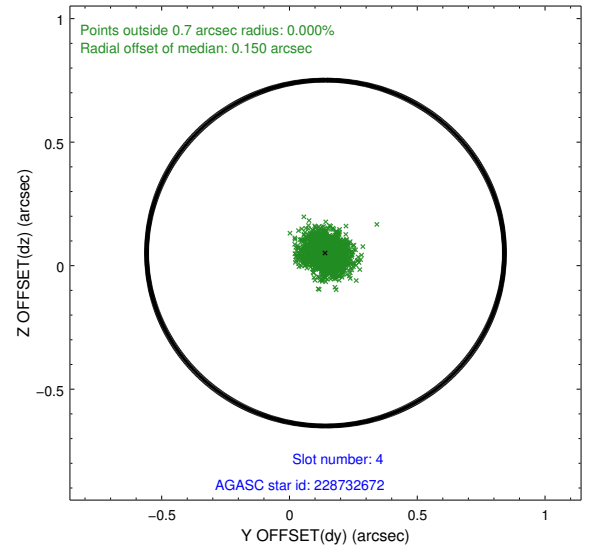
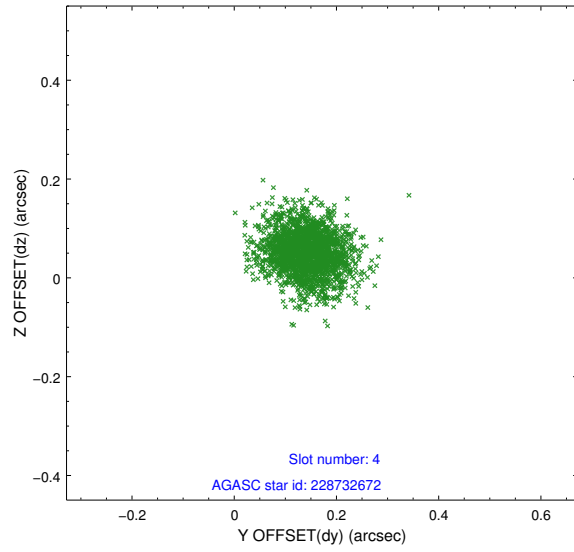
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.16	974	-0.059	-0.001	0.007	0.011	0.000000	0.000000	-756.86	-835.97
1	FID	ACIS-I-4	7.19	974	-0.007	0.034	0.008	0.014	0.000000	0.000000	2156.51	1069.51
2	FID	ACIS-I-6	7.26	974	-0.034	0.031	0.009	0.017	0.000000	0.000000	405.21	1713.44
3	GUIDE	228727304	6.66	1948	0.017	0.028	0.054	0.088	13.404071	29.489313	1315.76	1771.97
4	GUIDE	228732672	8.72	1947	0.141	0.051	0.064	0.105	13.225280	29.075260	2344.41	556.09
5	GUIDE	228724952	9.28	1948	0.011	-0.028	0.080	0.130	12.746578	29.716205	-402.30	376.86
6	GUIDE	298328088	9.40	1946	-0.075	0.061	0.093	0.147	12.855234	30.162457	-1636.55	1461.38
7	GUIDE	228725976	9.52	1945	-0.092	-0.110	0.114	0.184	11.888635	29.522636	-1127.78	-2300.75

2.4 Star Slots

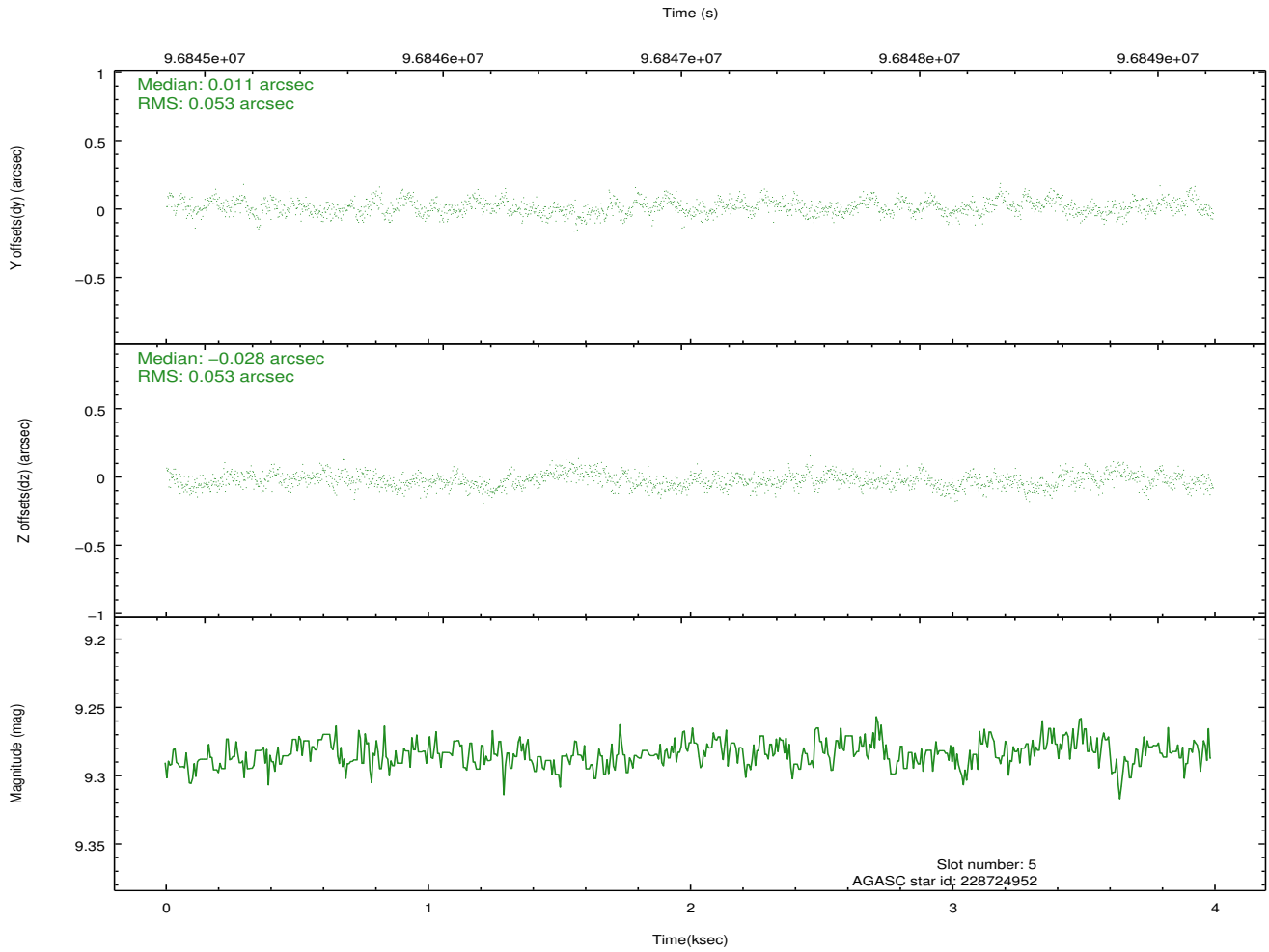
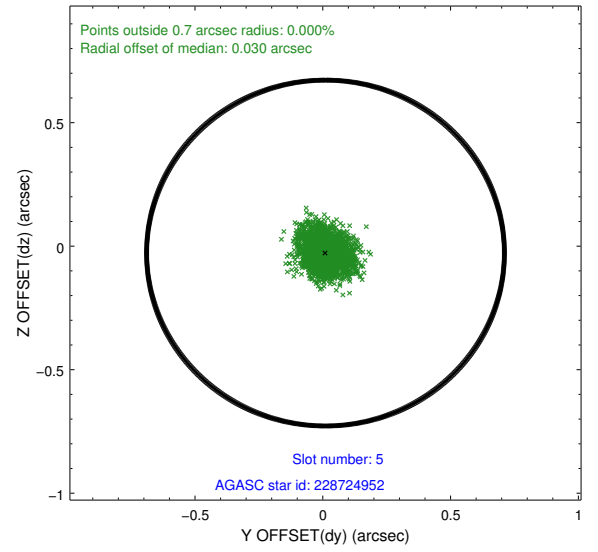
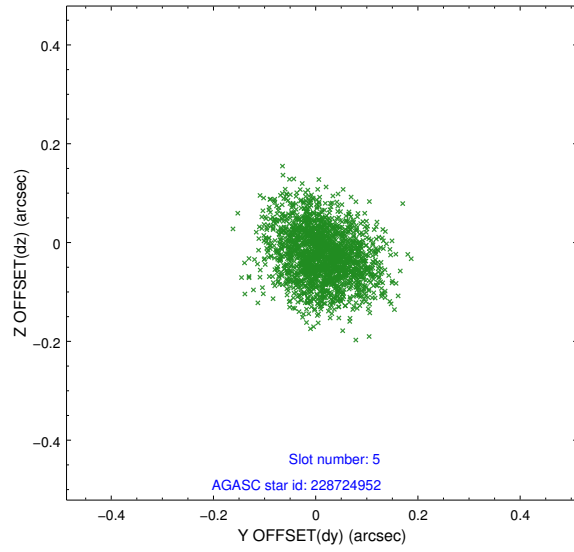
2.4.1 Slot 3



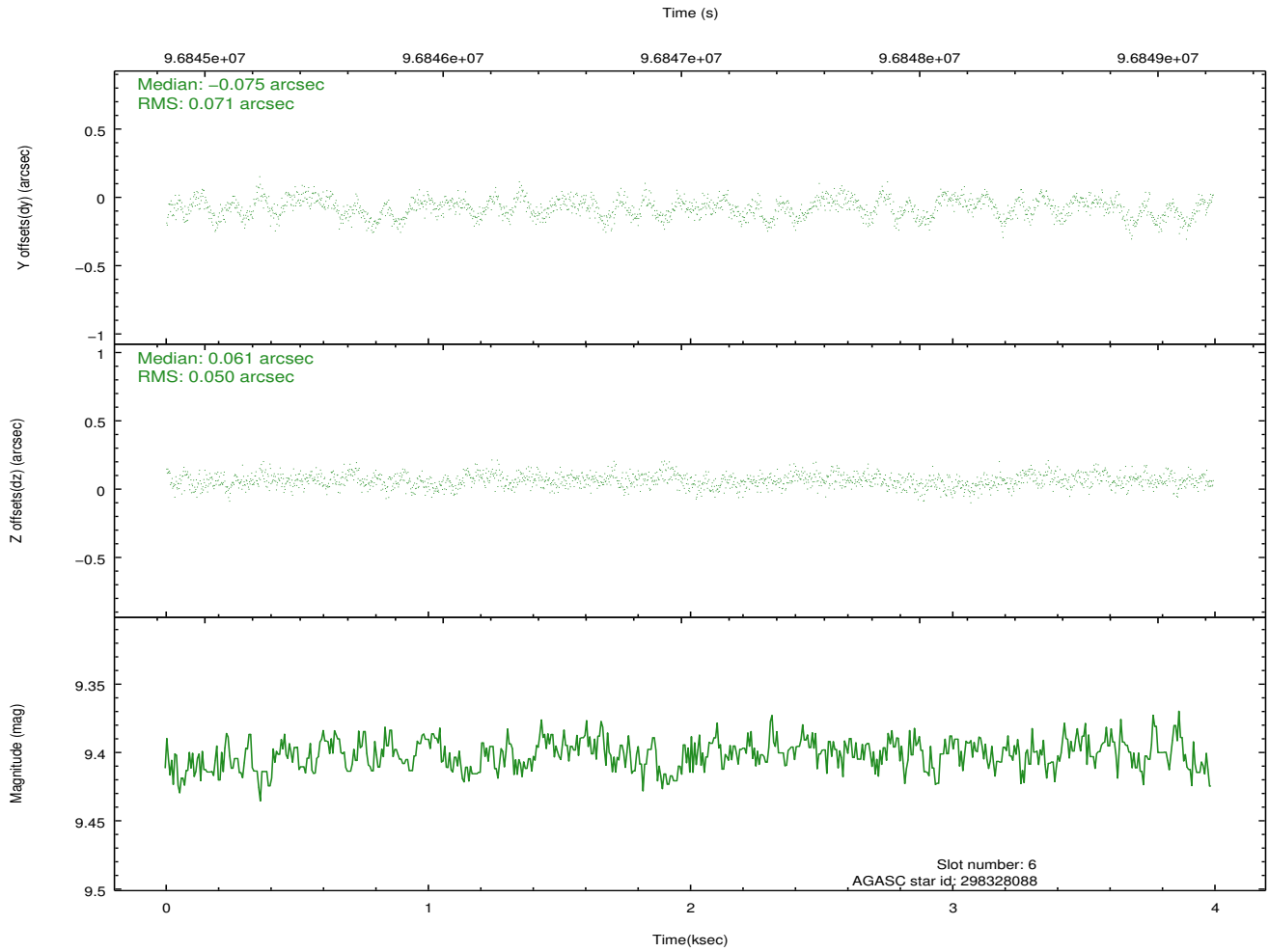
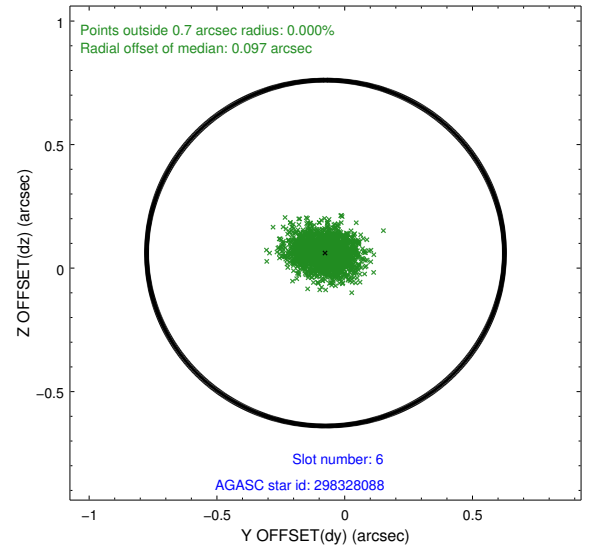
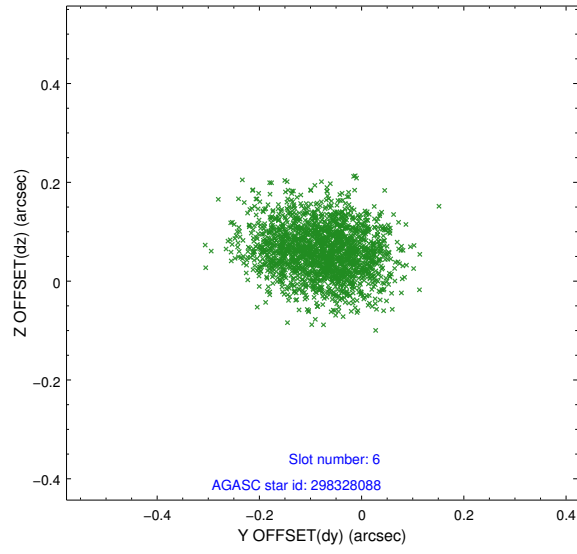
2.4.2 Slot 4



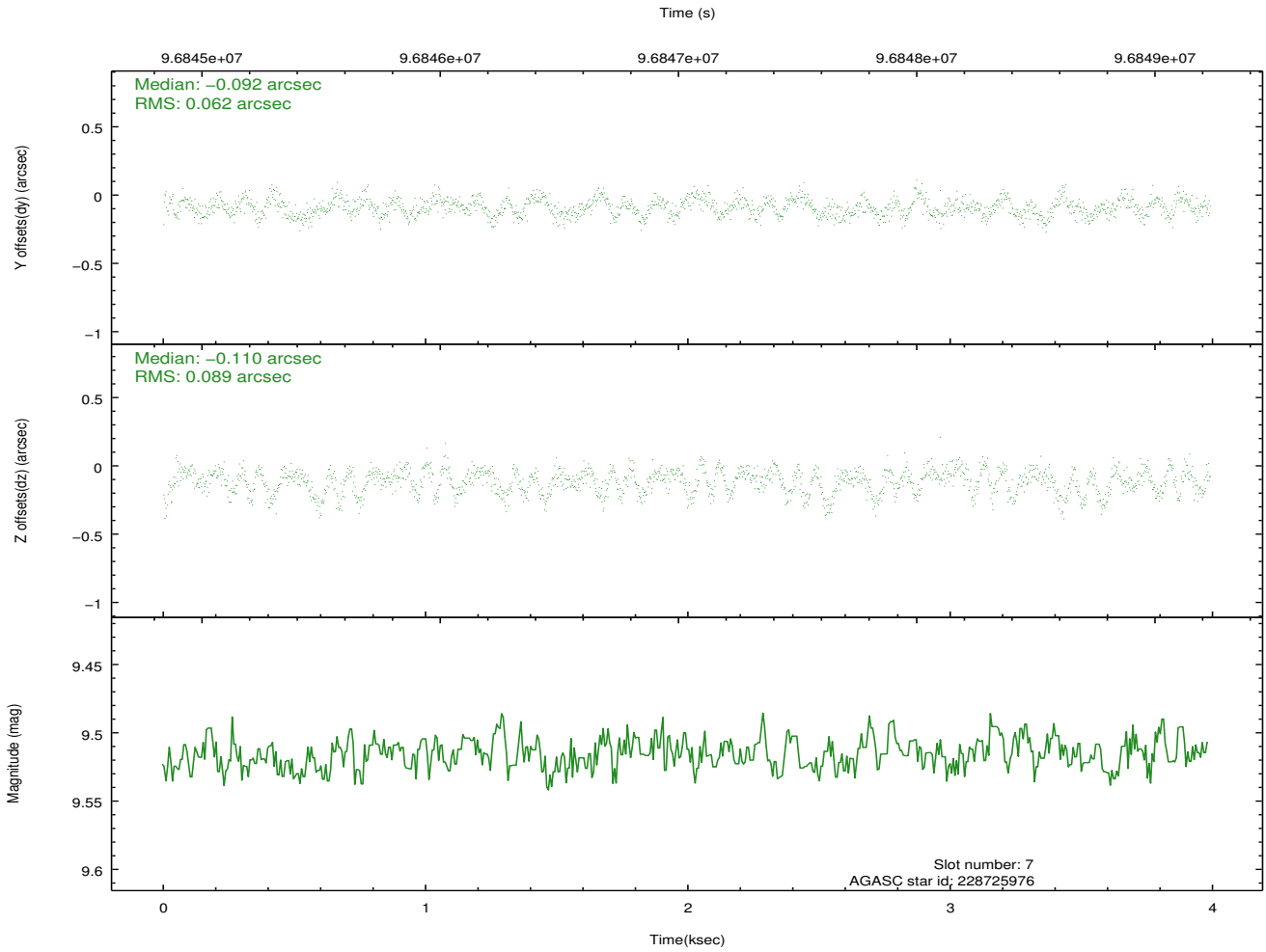
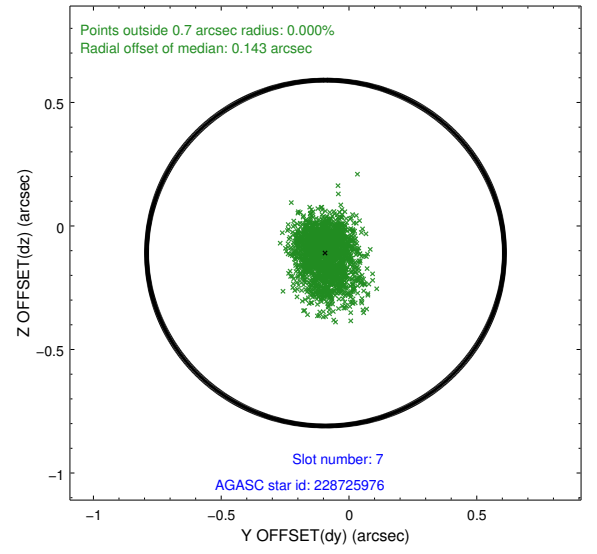
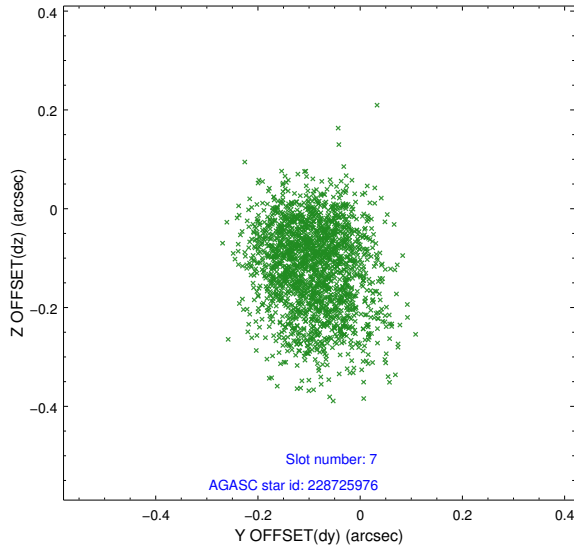
2.4.3 Slot 5



2.4.4 Slot 6

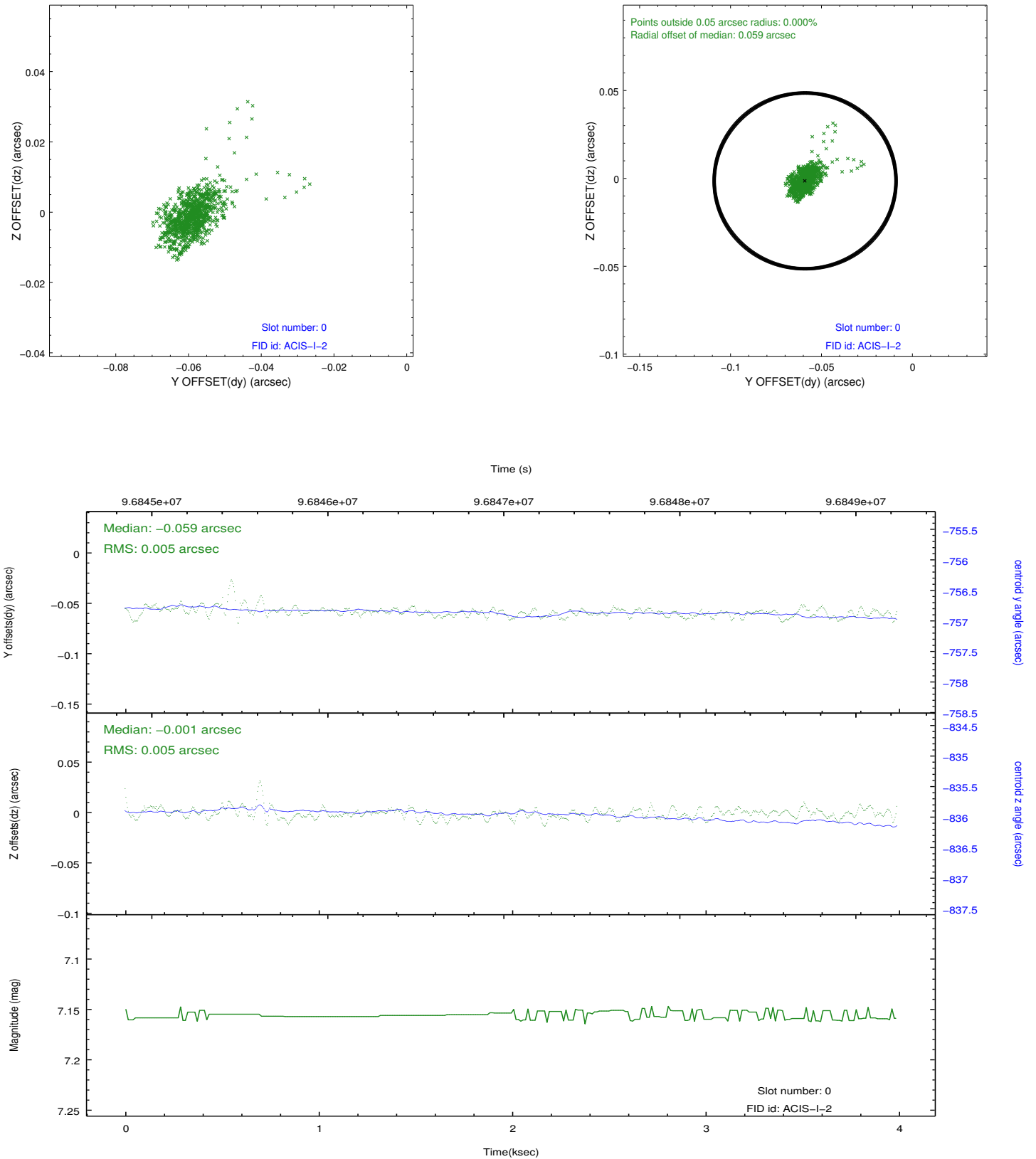


2.4.5 Slot 7

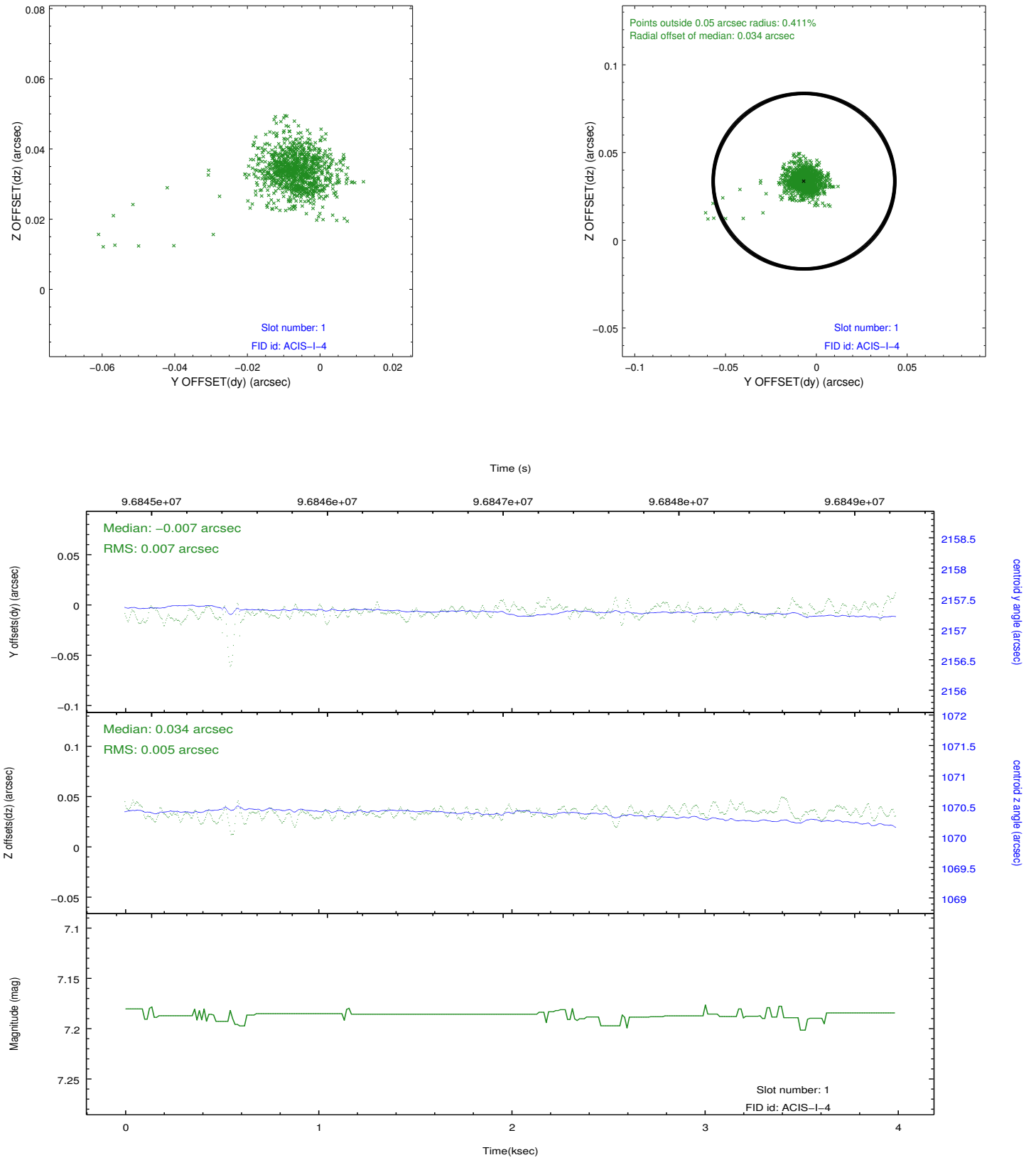


2.5 FID Slots

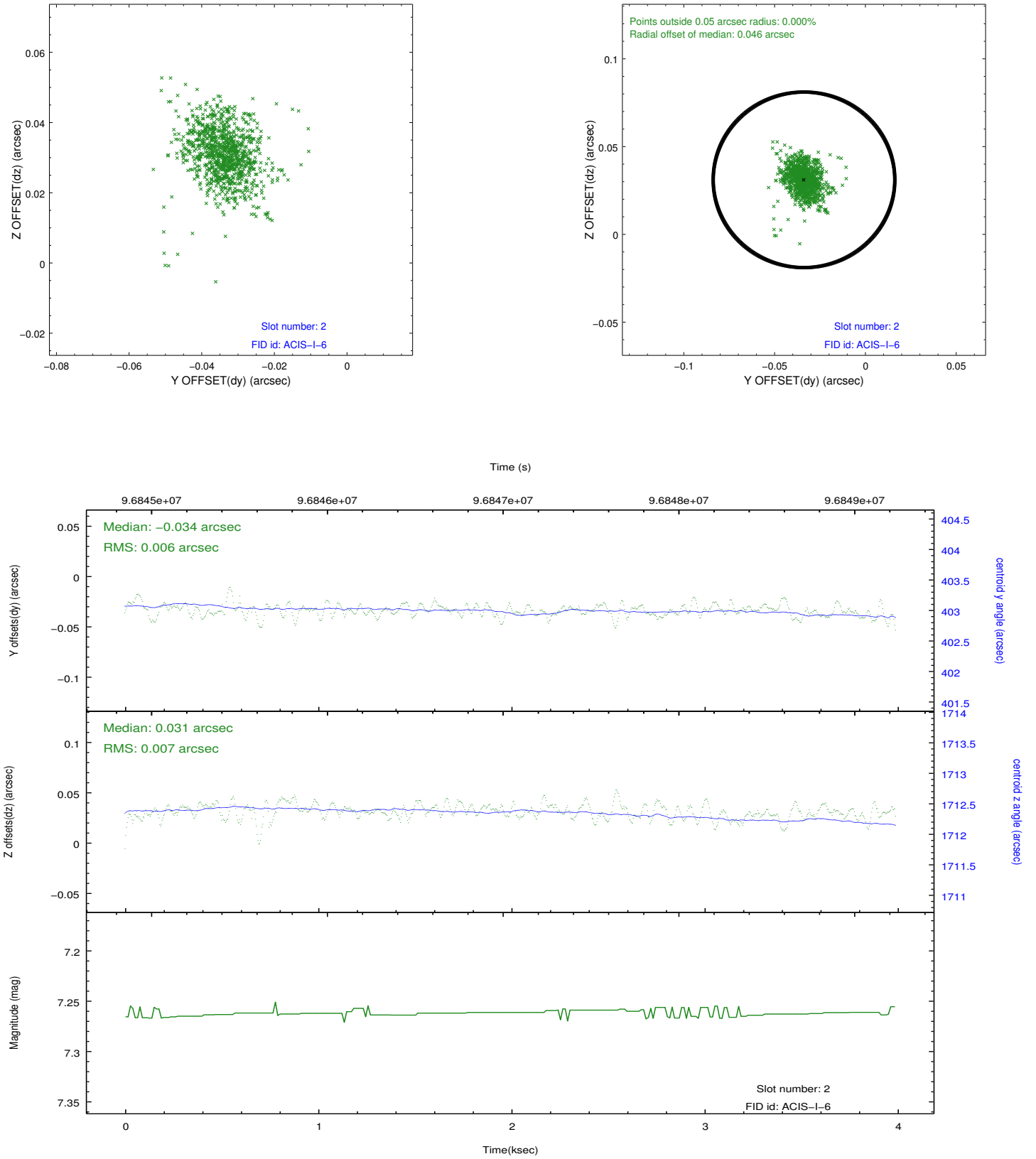
2.5.1 Slot 0



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)	2012.09.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.644

A.2 Comments