

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7780 - L2 Version 3
Chandra X-Ray Center

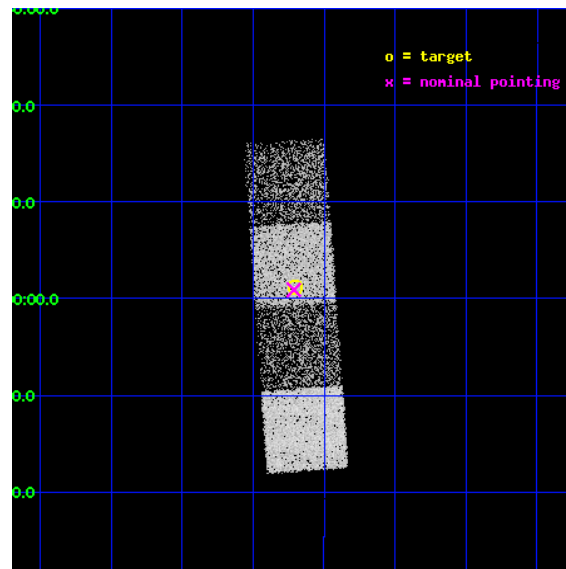
L2 Processing Date : Apr 21 2012

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1 Front

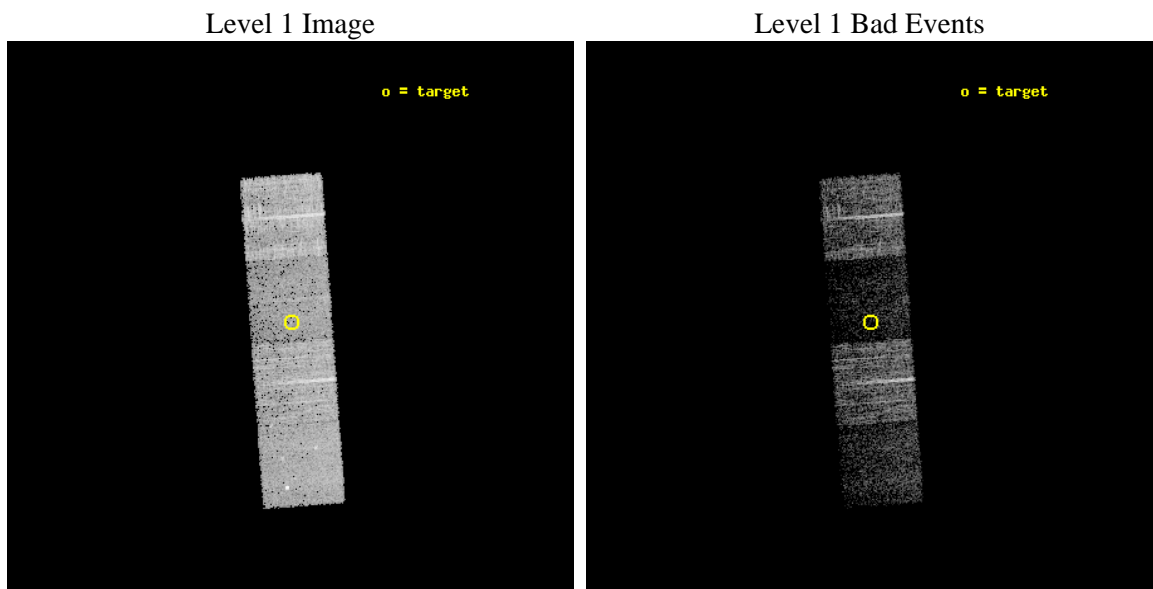
seq_num	701448	Sequence number
obs_id	7780	Observation id
title	An Exploratory Chandra Survey of Weak-Line Quasars from the Sloan Digital Sky Survey	Proposal title
observer	Prof. William Brandt	Principal investigator
object	SDSS J0317-0758	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	49.300833	Observer's specified target RA [deg]
dec_targ	-7.980639	Observer's specified target Dec [deg]
ra_nom	49.303113591589	Nominal RA [deg]
dec_nom	-7.9851007261104	Nominal Dec [deg]
roll_nom	265.8427417633	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4476.4000344276	Sum of GTIs [s]
livetime	4417.9125725001	Livetime [s]
ontime5	4476.4000344276	Sum of GTIs [s]
ontime6	4476.4000344276	Sum of GTIs [s]
ontime7	4476.4000344276	Sum of GTIs [s]
ontime8	4476.4000344276	Sum of GTIs [s]
l2events	27525	Number of level 2 events



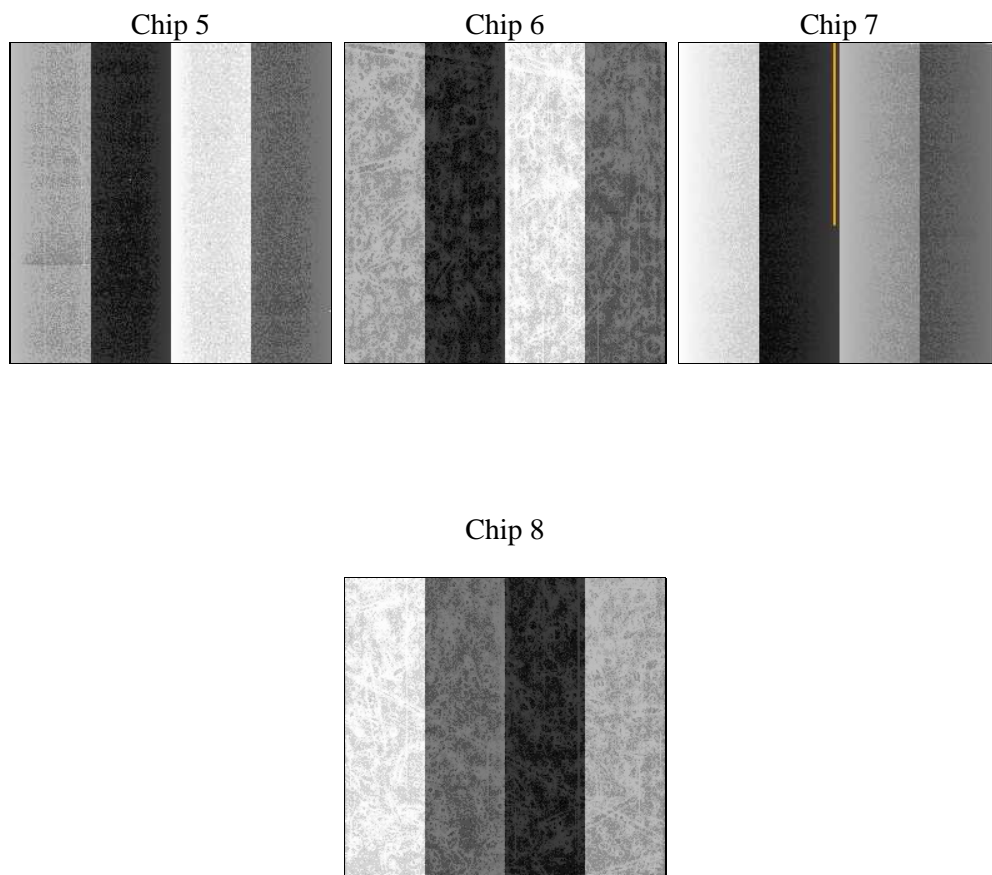
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4300.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	4476.4000344276	Sum of GTIs [s]
caldsver	4.4.9	 	ontime5	4476.4000344276	Sum of GTIs [s]
date	2012-04-21T14:02:51	Date and time of file creation	ontime6	4476.4000344276	Sum of GTIs [s]
revision	3	Processing version of data	ontime7	4476.4000344276	Sum of GTIs [s]
			ontime8	4476.4000344276	Sum of GTIs [s]
			l1events	108790	Number of level 1 events

2.1.4 Events

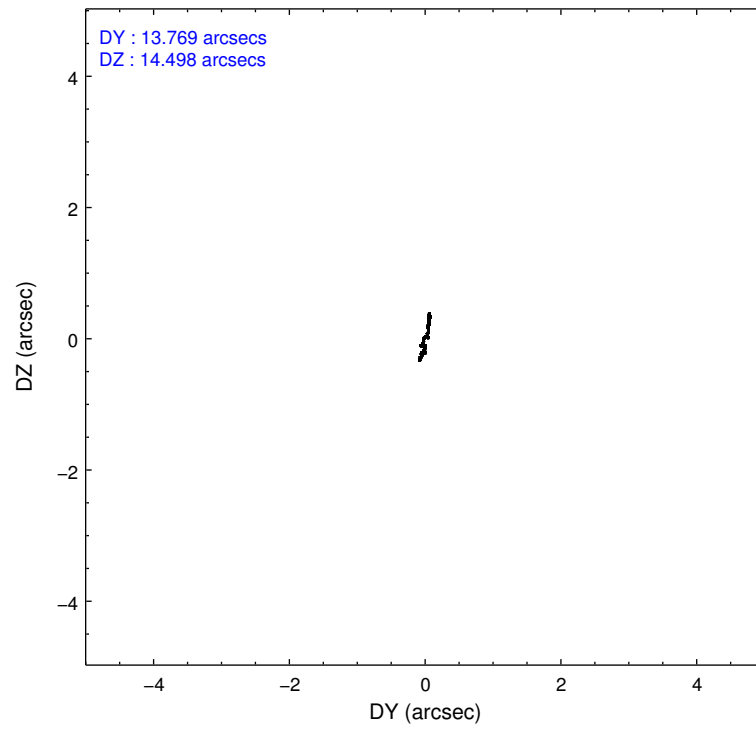
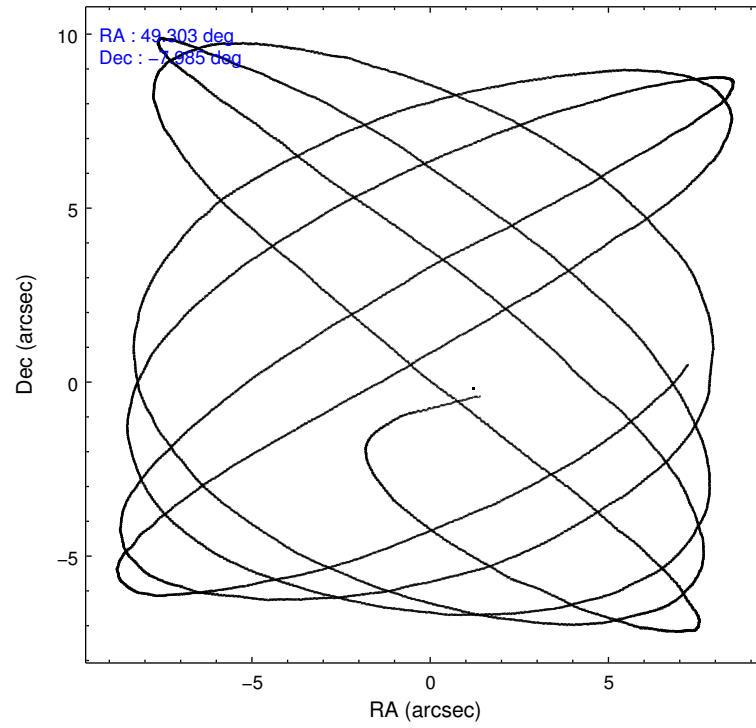
	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	26201	29262	17149	36178
rejected events	10950	26616	7619	27231
rejected %	41%	90%	44%	75%

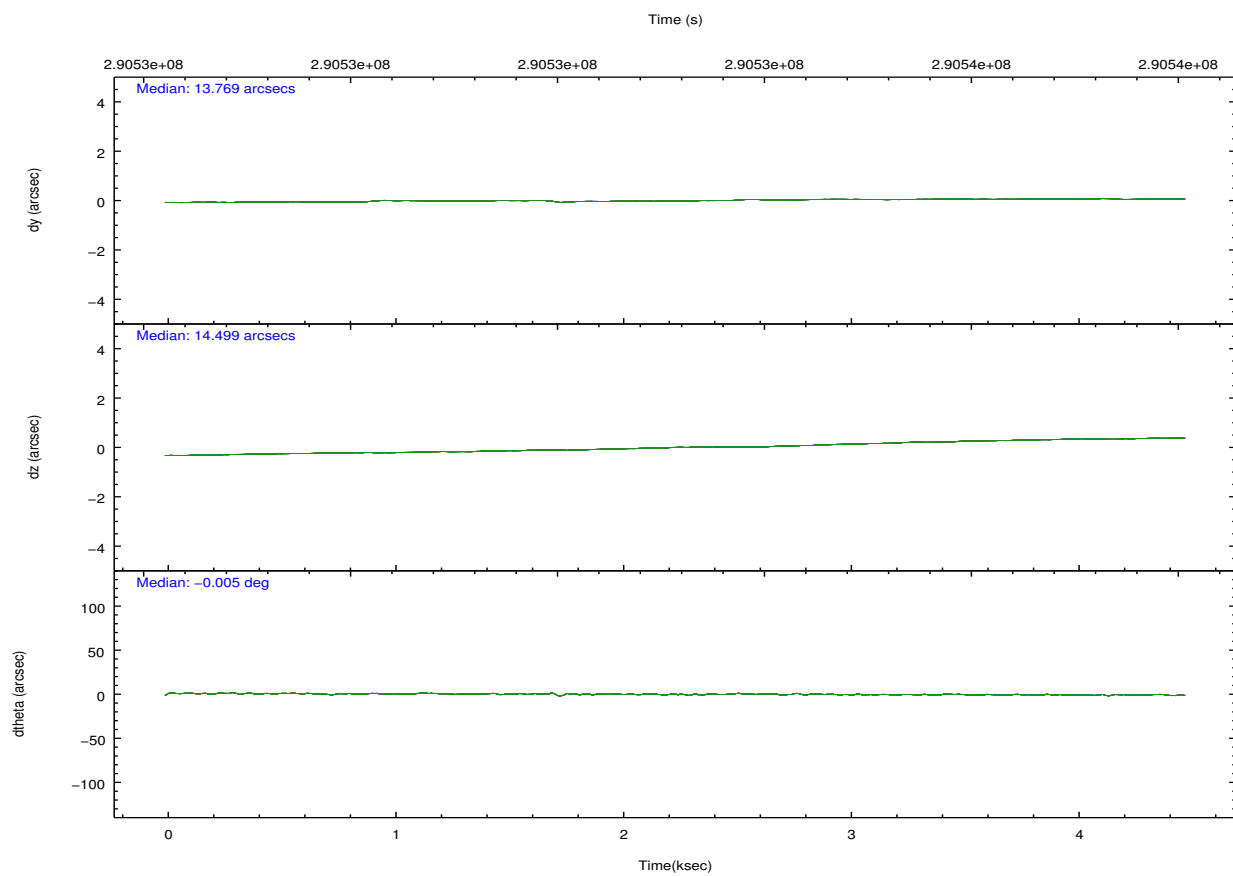
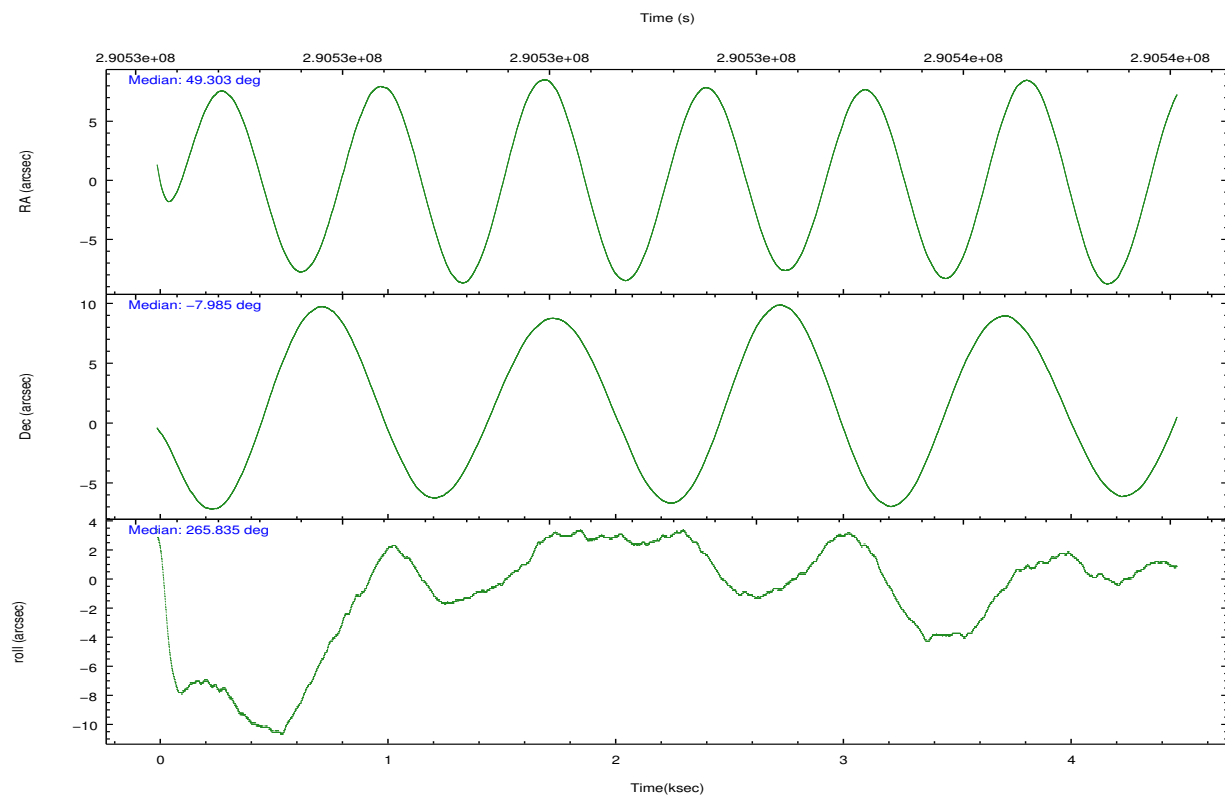
	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	2227	1052	1370	2596
	8%	3%	7%	7%
grade 1 events	100	15	47	36
	0%	0%	0%	0%
grade 2 events	5094	630	2373	2290
	19%	2%	13%	6%
grade 3 events	856	320	1095	1000
	3%	1%	6%	2%
grade 4 events	814	306	1012	923
	3%	1%	5%	2%
grade 5 events	2135	607	1814	1016
	8%	2%	10%	2%
grade 6 events	7002	441	4059	2466
	26%	1%	23%	6%
grade 7 events	7973	25891	5379	25851
	30%	88%	31%	71%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-5678	ACIS-5678	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	49.290723	49.30311359158947	Subarray requested	NONE	NONE
[deg] Pointing Dec	-7.960492	-7.98510072611038	Alternating exposures requested	N	N
[deg] Pointing Roll	265.684365	265.8427417632959	[s] Primary exposure time	0.000000	3.1
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	290531494.184000	290530468.47774			
Observation start date	2007-03-17T15:10:29	2007-03-17T14:54:28			
[s] Observation end time (MET)	290535794.184000	290537062.30306			
Observation end date	2007-03-17T16:22:09	2007-03-17T16:44:22			
Read mode	TIMED	TIMED			

2.3 Aspect



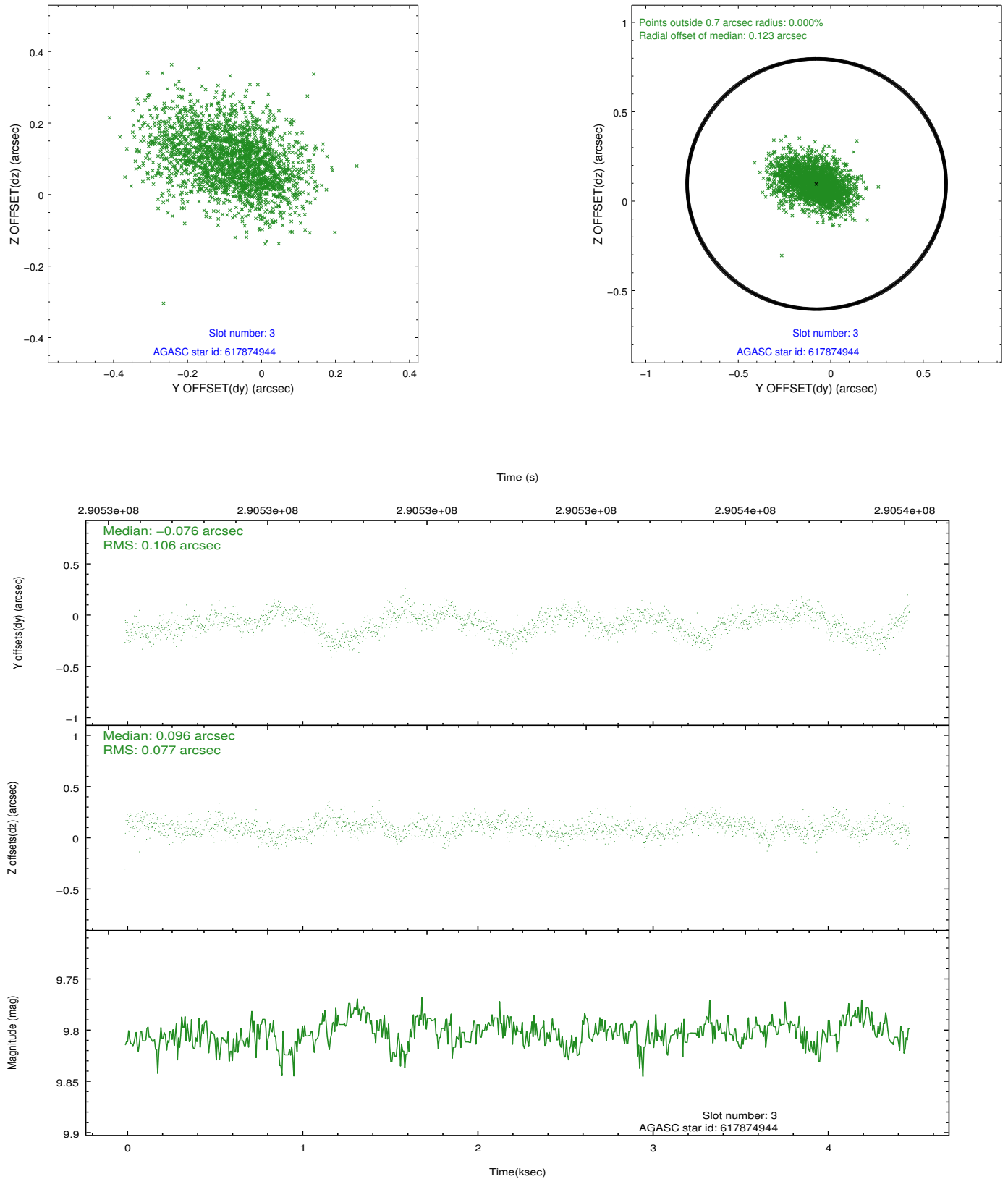


Slot Statistics

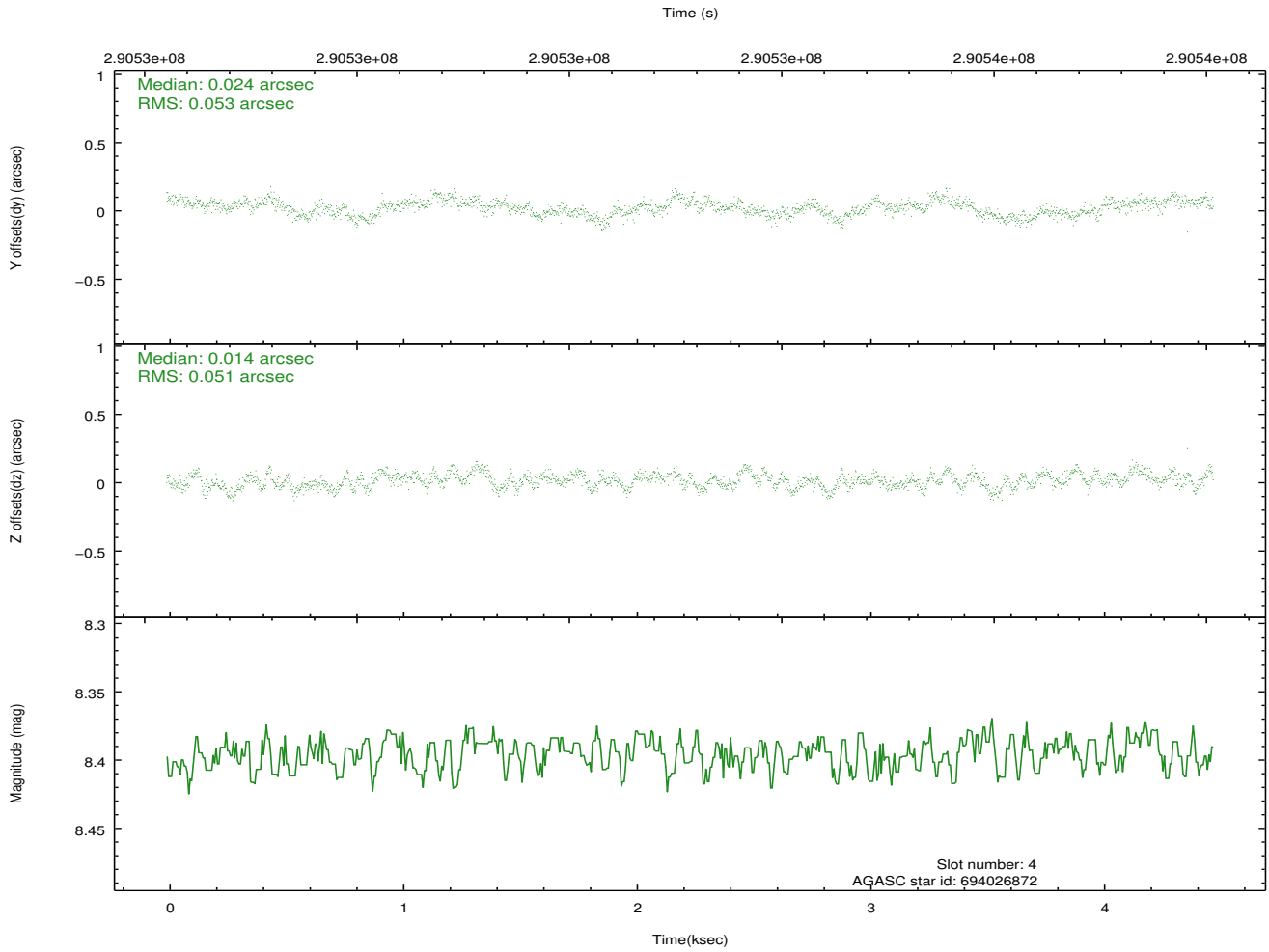
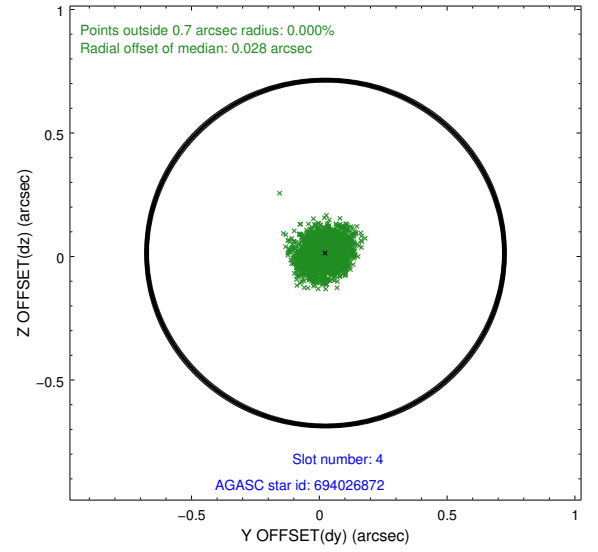
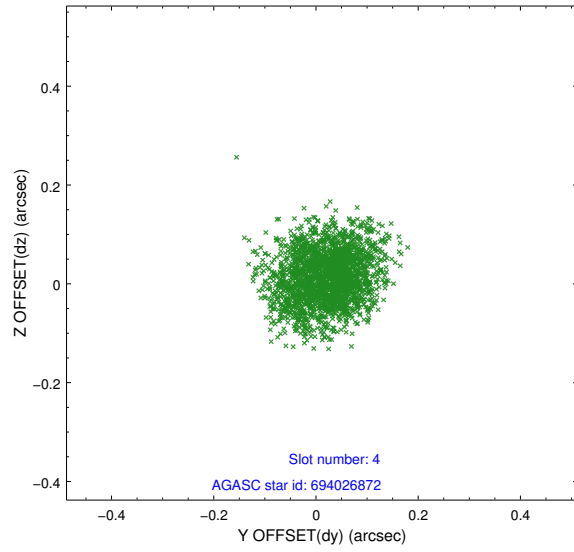
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	1092	-0.068	-0.058	0.011	0.018	0.000000	0.000000	-766.76	-1735.94
1	FID	ACIS-S-4	7.20	1093	0.219	0.049	0.007	0.012	0.000000	0.000000	2146.15	171.25
2	FID	ACIS-S-5	7.22	1093	-0.181	0.019	0.010	0.016	0.000000	0.000000	-1817.97	166.42
3	GUIDE	617874944	9.80	2184	-0.076	0.096	0.139	0.229	49.151943	-7.327537	-2235.12	-665.72
4	GUIDE	694026872	8.40	2186	0.024	0.014	0.079	0.124	48.706103	-8.133717	779.09	-2030.59
5	GUIDE	694029280	9.61	2185	-0.094	-0.043	0.126	0.196	49.891702	-7.876532	-461.51	2113.49
6	GUIDE	694030488	7.80	2185	0.035	0.056	0.054	0.089	49.707209	-8.596794	2172.70	1652.28
7	GUIDE	694030616	9.89	2183	0.124	-0.118	0.148	0.237	49.391900	-8.009327	149.00	373.91

2.4 Star Slots

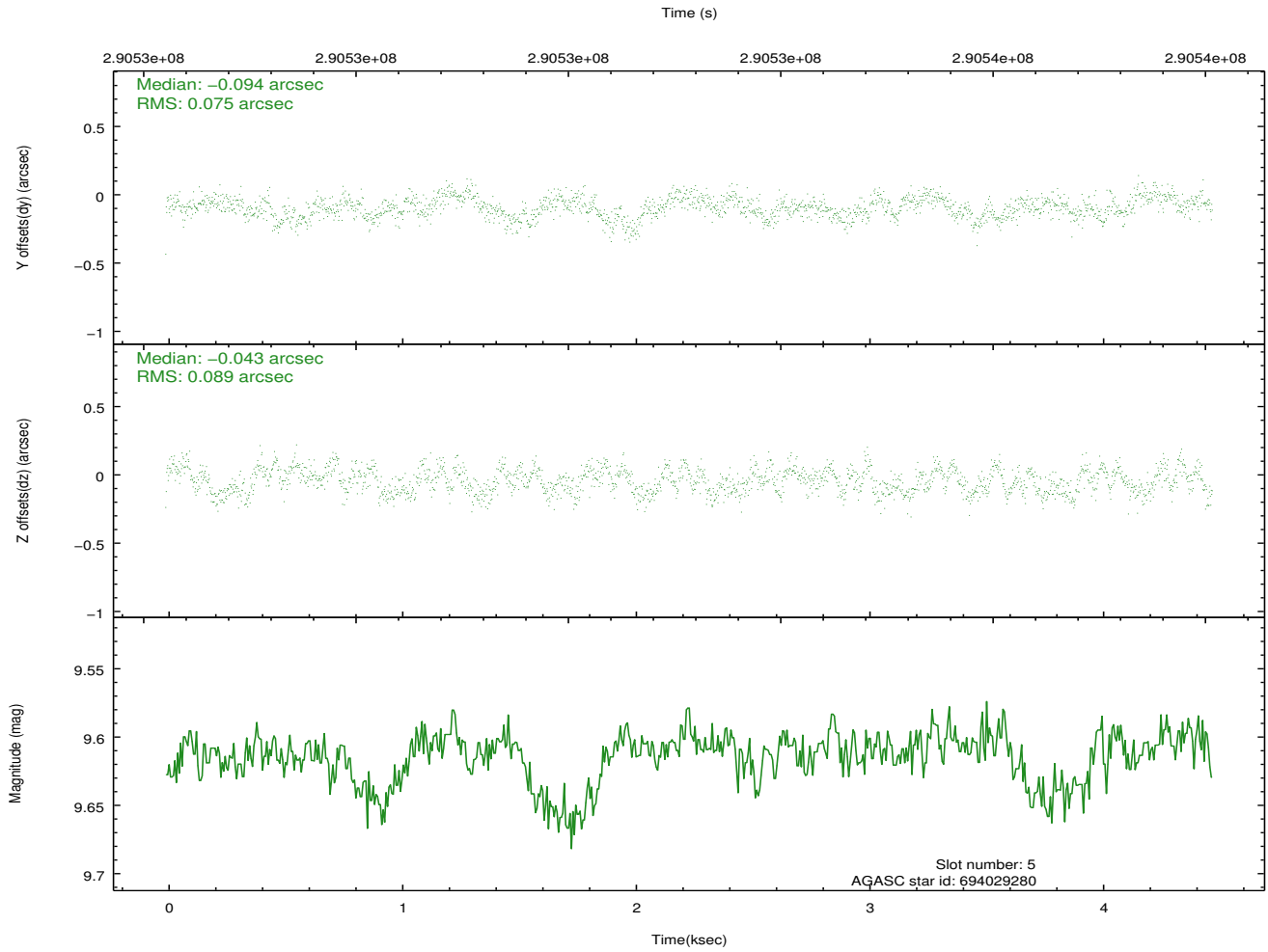
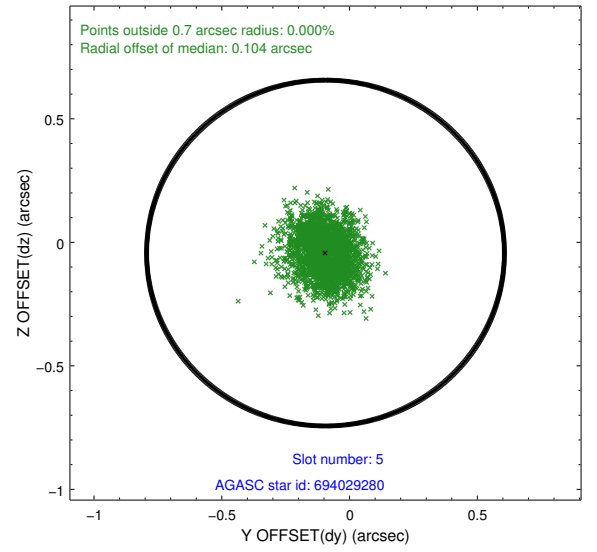
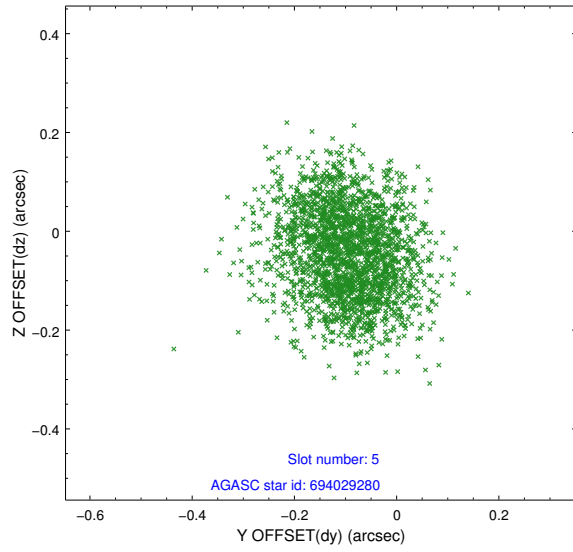
2.4.1 Slot 3



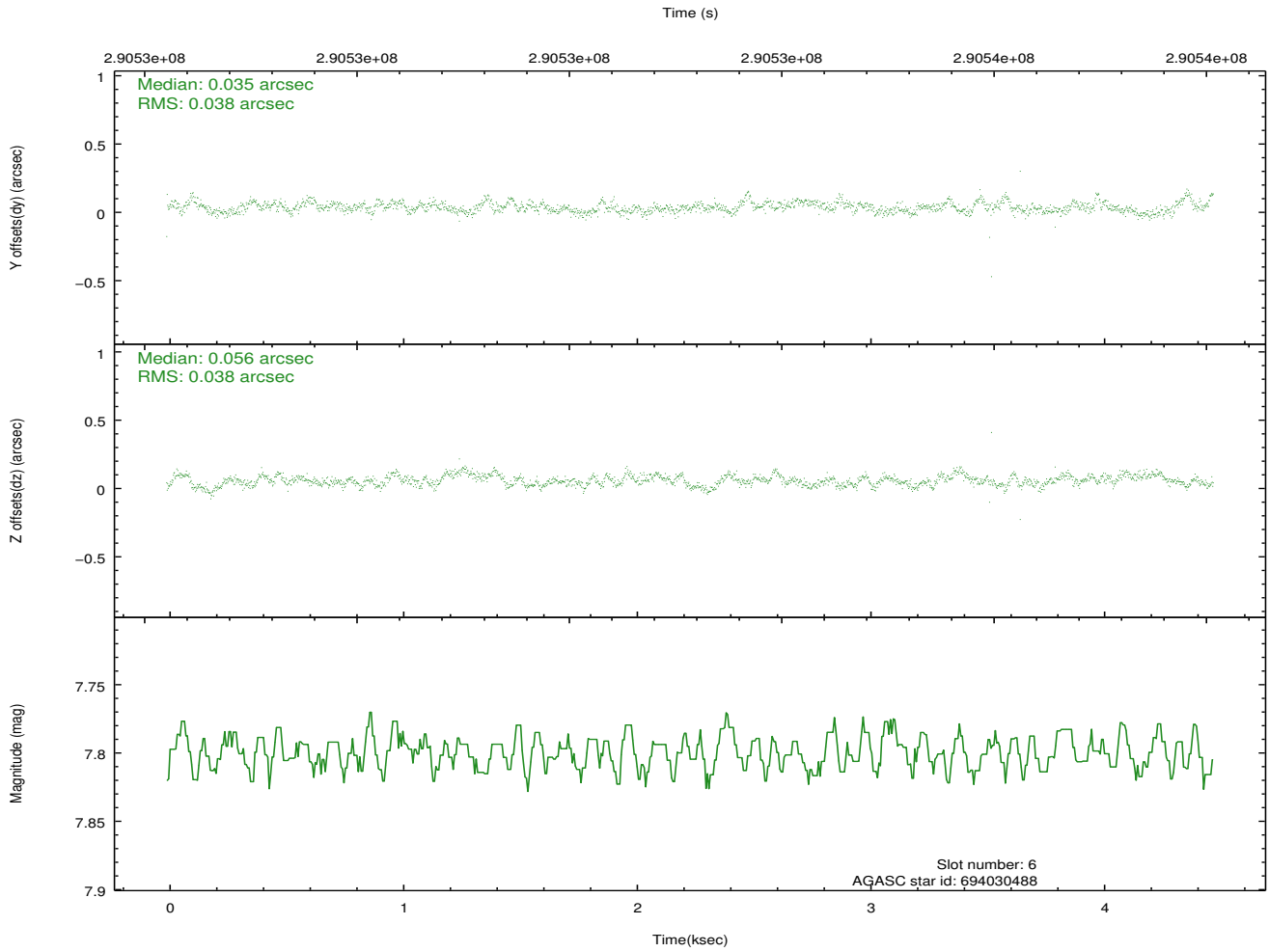
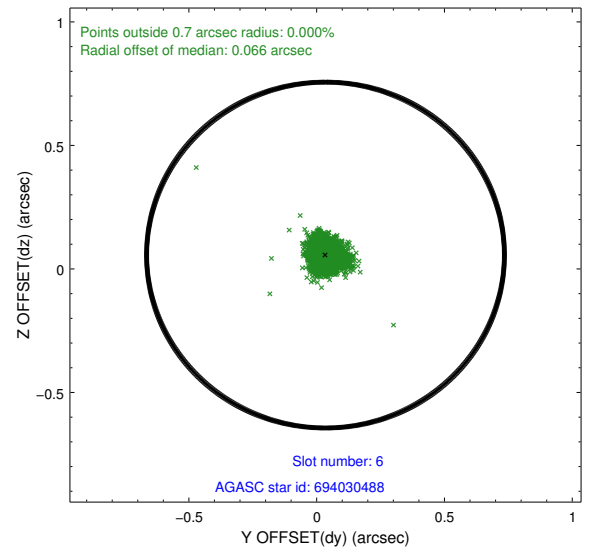
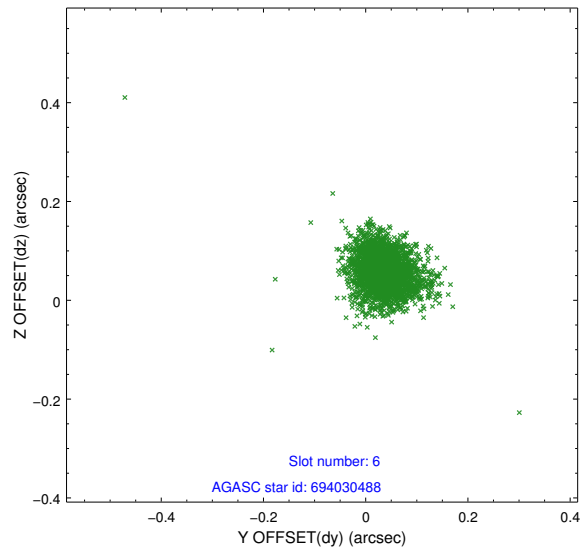
2.4.2 Slot 4



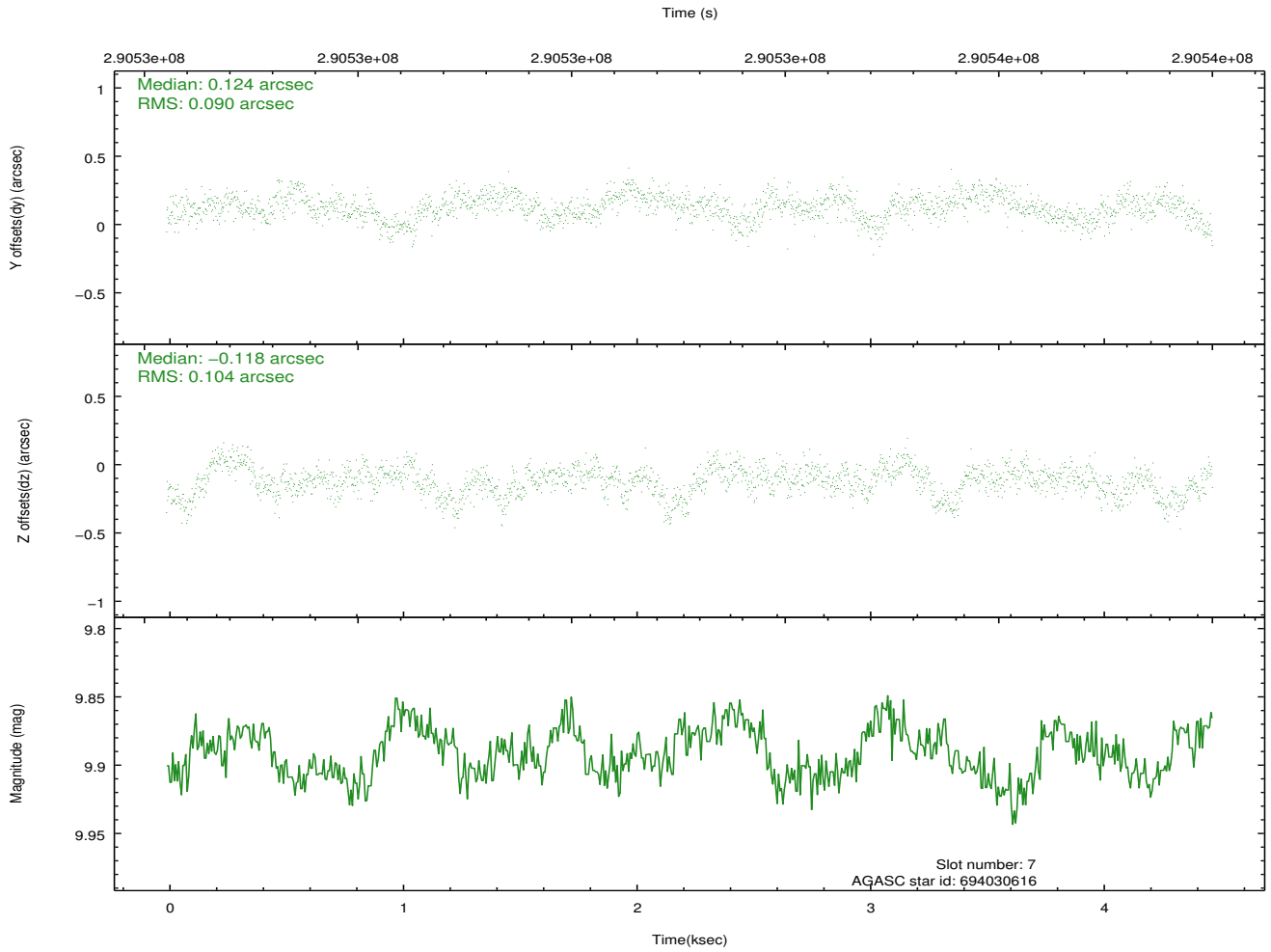
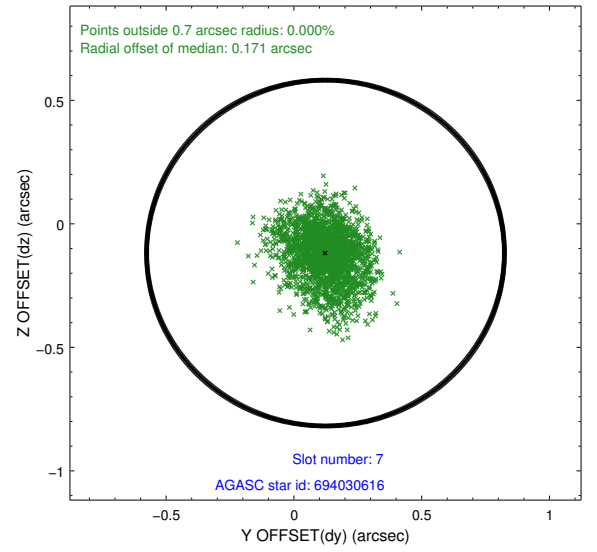
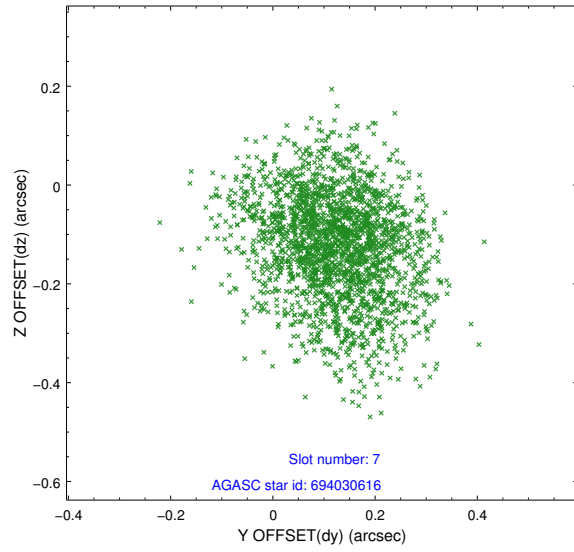
2.4.3 Slot 5



2.4.4 Slot 6

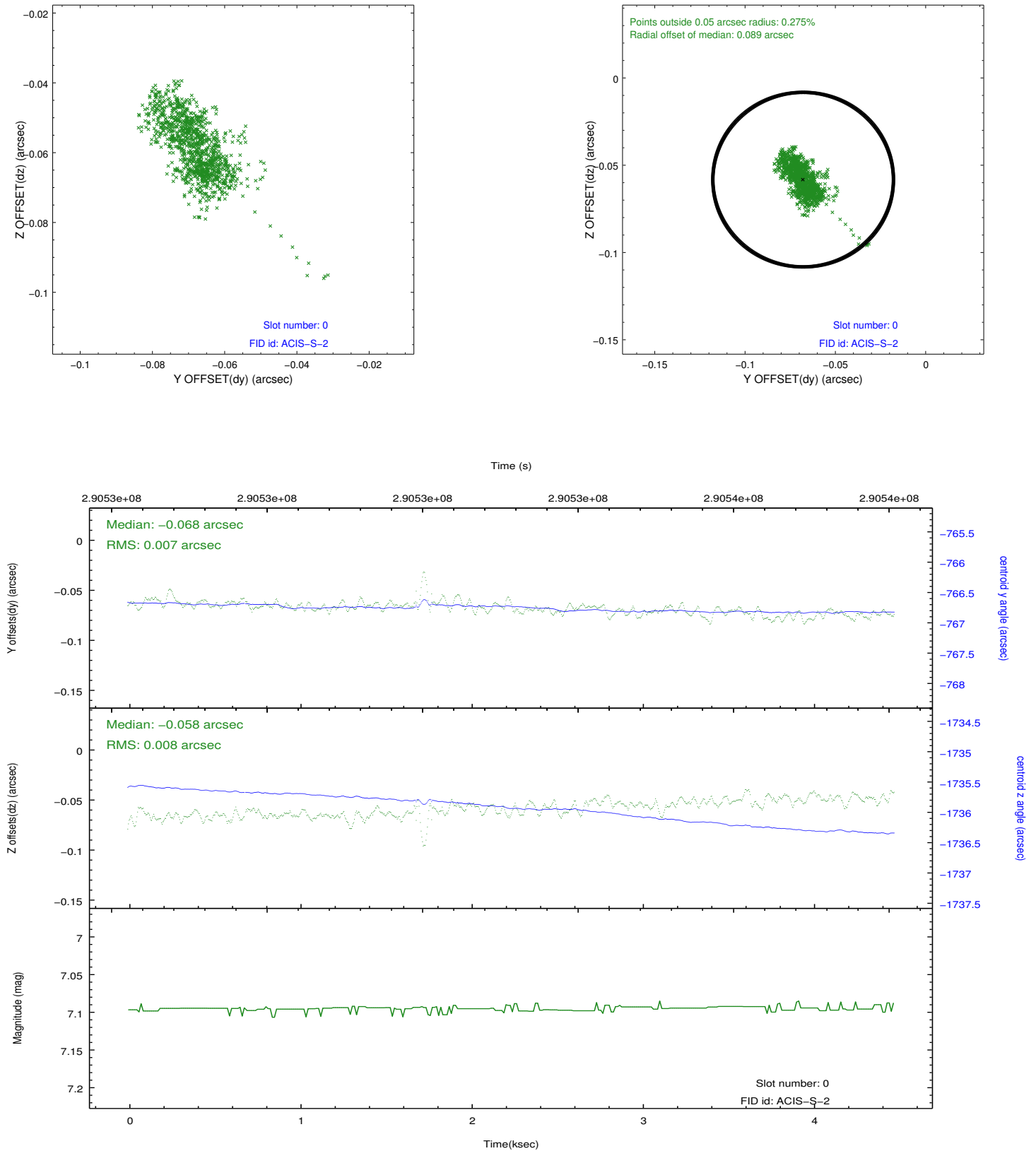


2.4.5 Slot 7

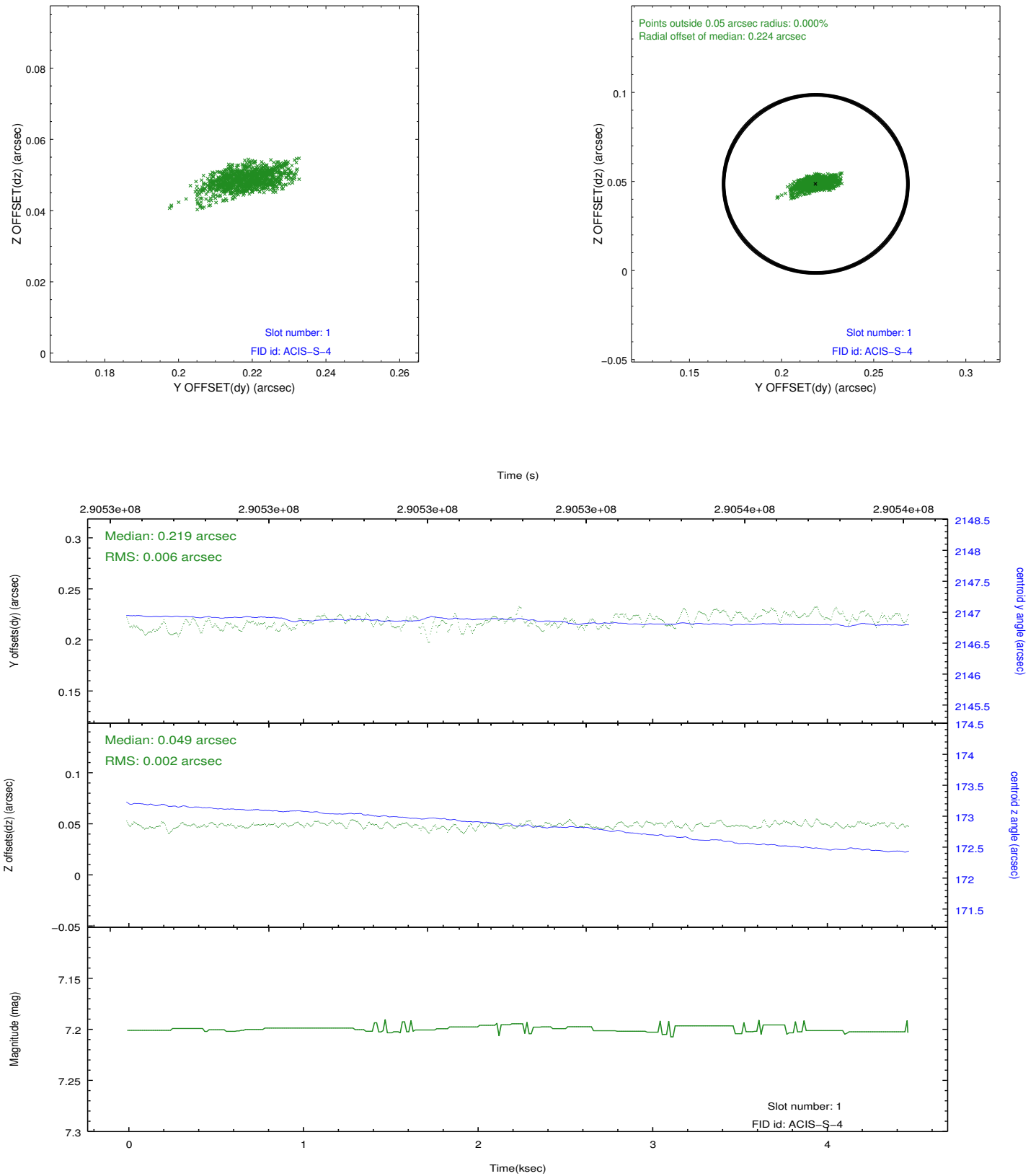


2.5 FID Slots

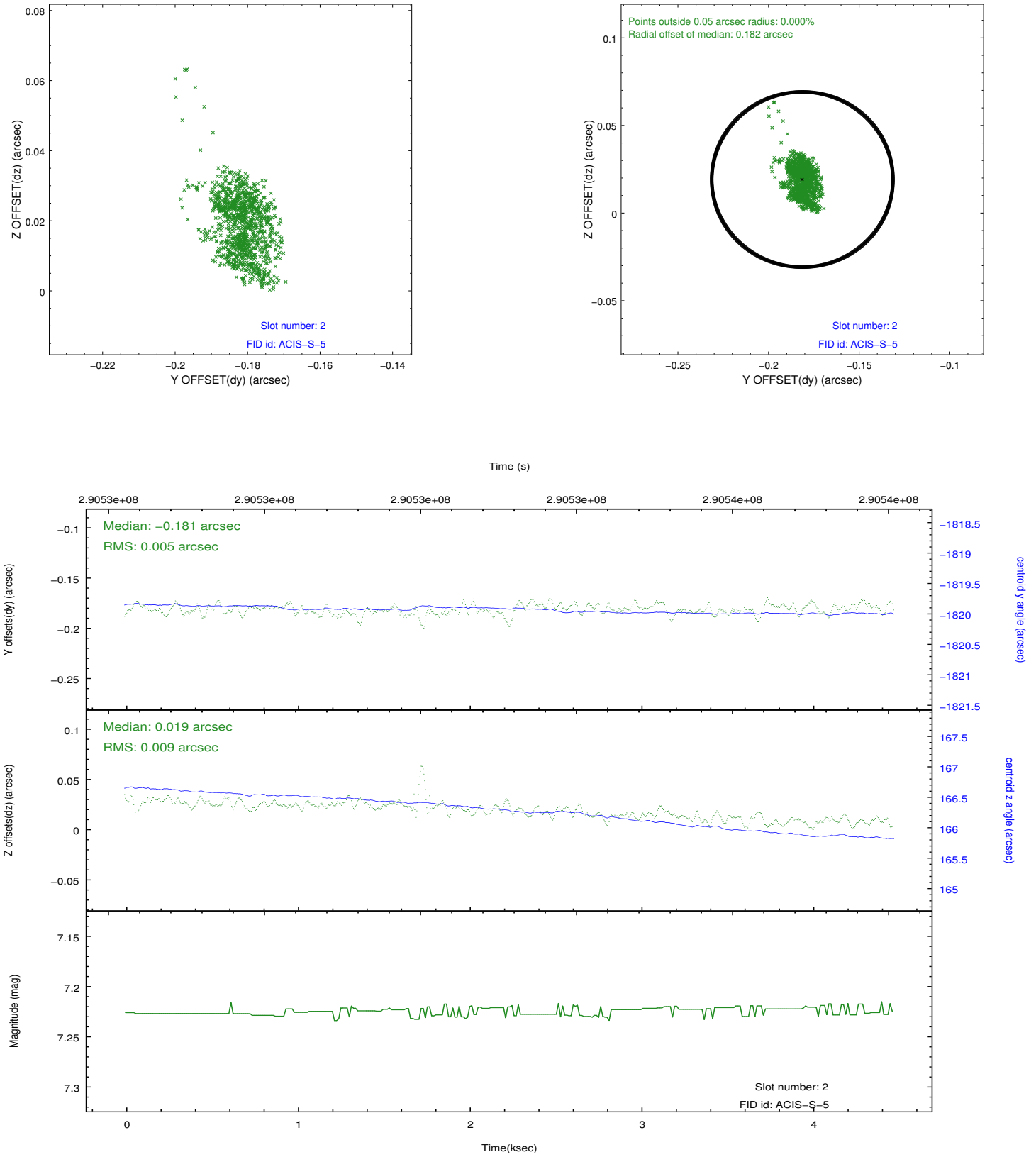
2.5.1 Slot 0



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)	2012.04.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.47640003

A.2 Comments