

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6882 - L2 Version 2
Chandra X-Ray Center

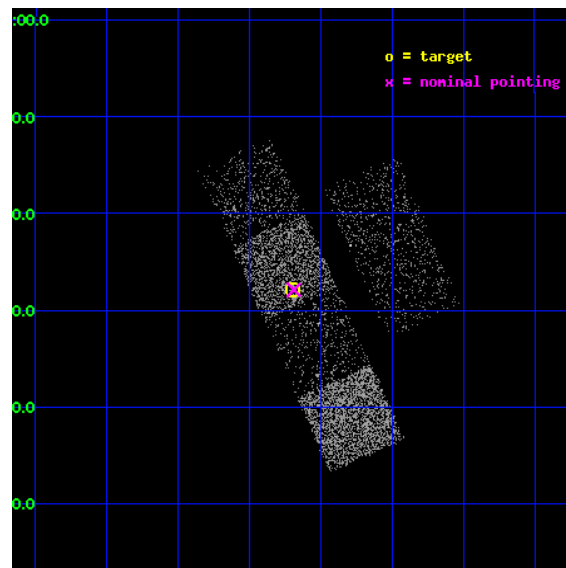
L2 Processing Date : Apr 3 2012

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1 Front

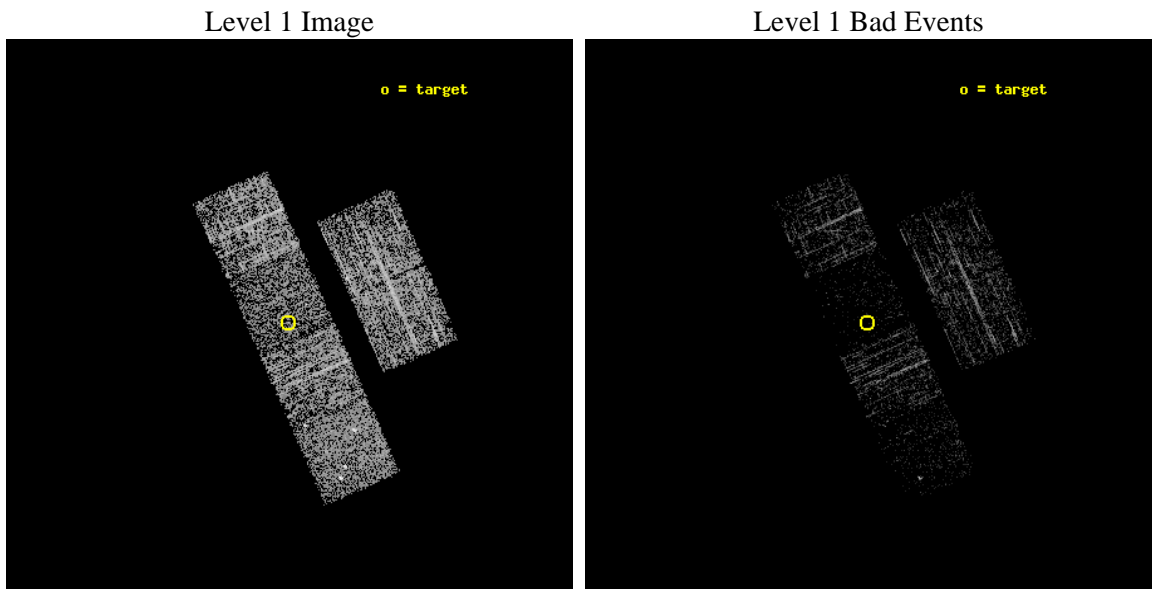
seq_num	701299	Sequence number
obs_id	6882	Observation id
title	A Uniform Chandra Survey of the Brightest and Most Extreme SDSS BALQSOs	Proposal title
observer	Dr. Scott Anderson	Principal investigator
object	SDSS J100711.82+053208.9	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	151.799167	Observer's specified target RA [deg]
dec_targ	5.535806	Observer's specified target Dec [deg]
ra_nom	151.79713049444	Nominal RA [deg]
dec_nom	5.5352633825764	Nominal Dec [deg]
roll_nom	246.07669490325	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1043.1999961138	Sum of GTIs [s]
livetime	1029.9903696234	Livetime [s]
ontime2	1043.1999961138	Sum of GTIs [s]
ontime3	1043.1999961138	Sum of GTIs [s]
ontime5	1043.1999961138	Sum of GTIs [s]
ontime6	1043.1999961138	Sum of GTIs [s]
ontime7	1043.1999961138	Sum of GTIs [s]
ontime8	1043.1999961138	Sum of GTIs [s]
l2events	7336	Number of level 2 events



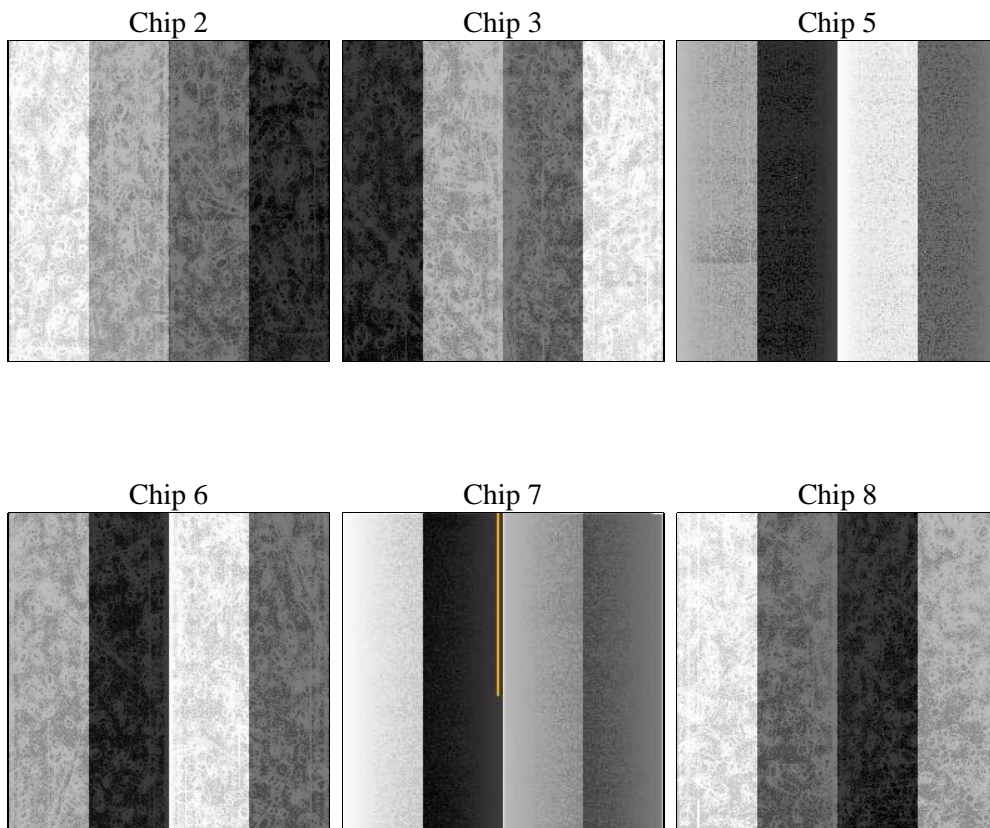
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	1043.1999961138	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	1043.1999961138	Sum of GTIs [s]
date	2012-04-04T00:38:44	Date and time of file creation	ontime3	1043.1999961138	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	1043.1999961138	Sum of GTIs [s]
			ontime6	1043.1999961138	Sum of GTIs [s]
			ontime7	1043.1999961138	Sum of GTIs [s]
			ontime8	1043.1999961138	Sum of GTIs [s]
			l1events	39972	Number of level 1 events

2.1.4 Events

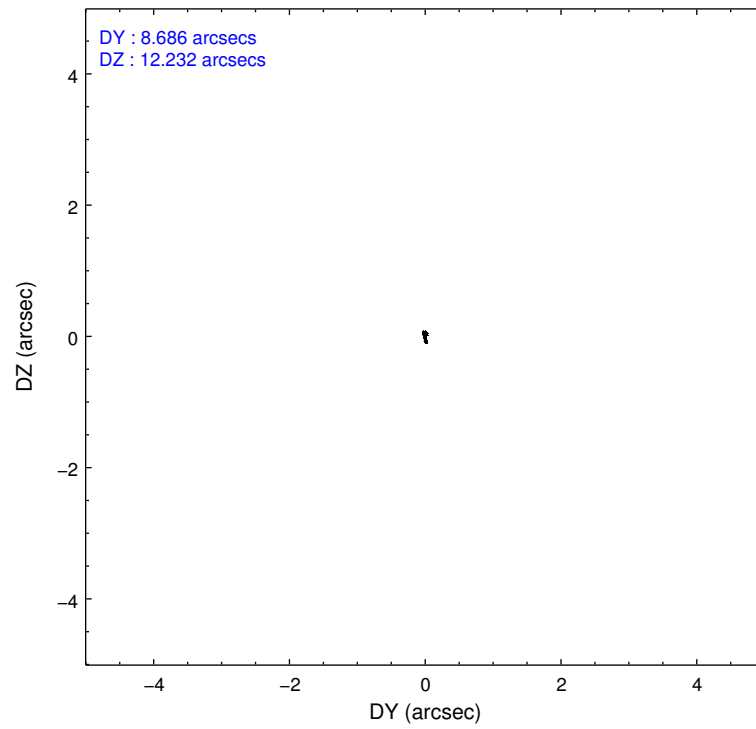
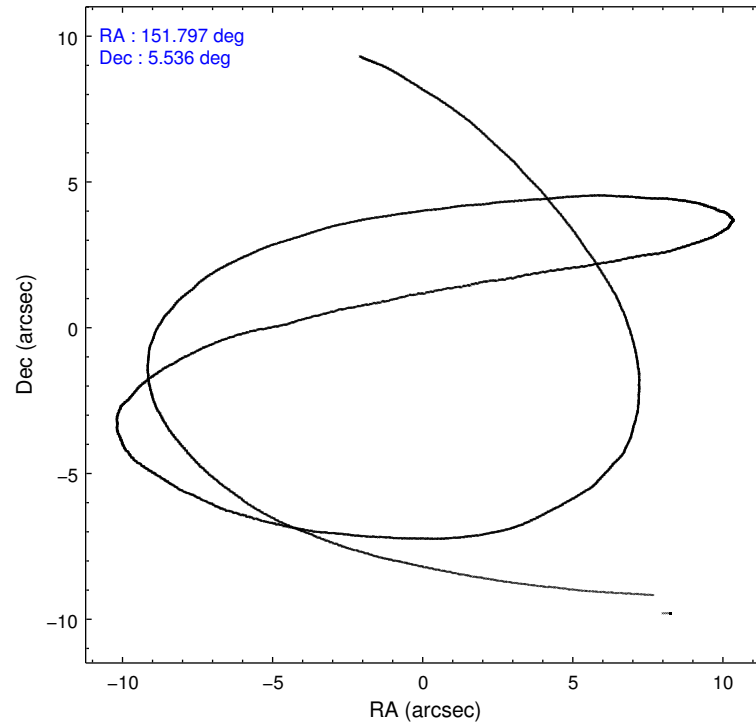
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	7622	7026	6460	6852	3842	8170
rejected events	7092	6426	2337	6248	1568	6427
rejected %	93%	91%	36%	91%	40%	78%

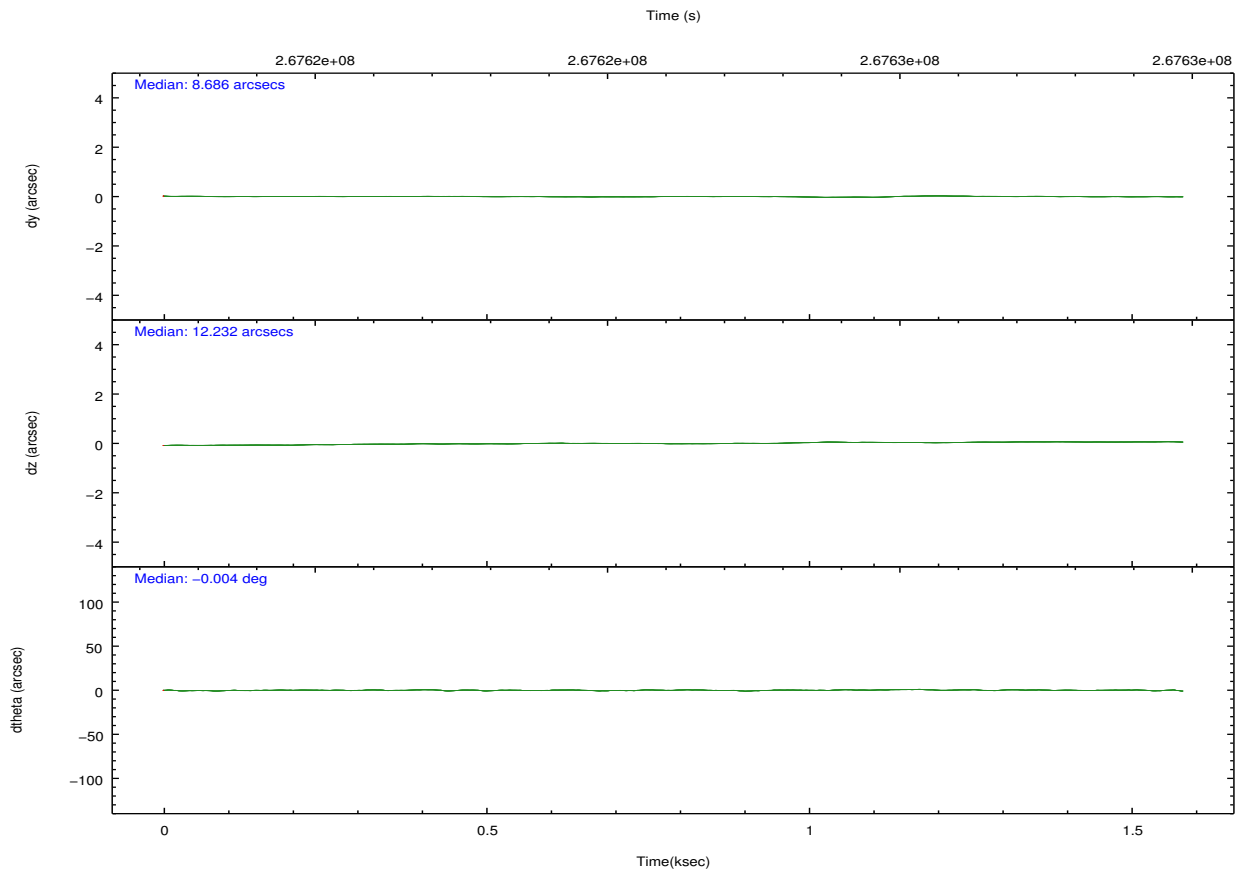
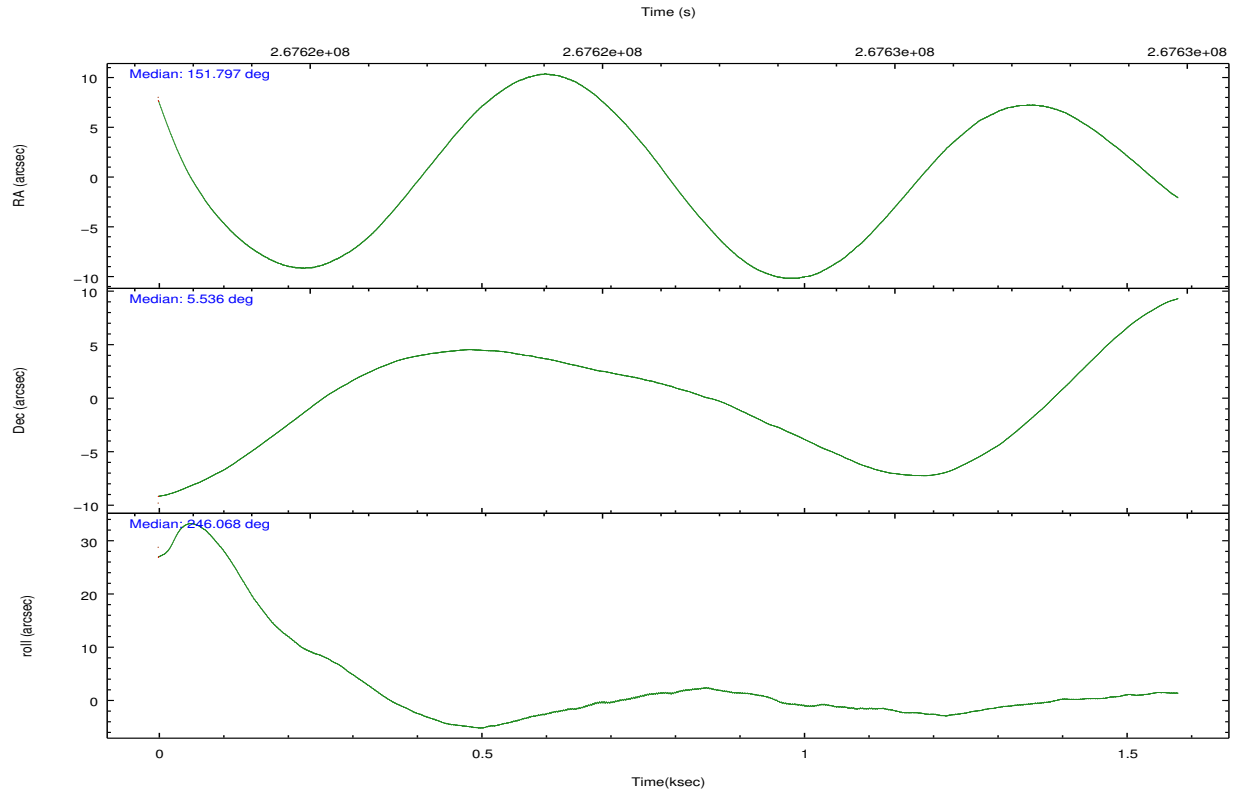
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	190	278	949	253	304	514
	2%	3%	14%	3%	7%	6%
grade 1 events	3	3	96	0	7	8
	0%	0%	1%	0%	0%	0%
grade 2 events	142	120	1299	130	558	483
	1%	1%	20%	1%	14%	5%
grade 3 events	65	62	225	82	219	157
	0%	0%	3%	1%	5%	1%
grade 4 events	51	61	190	59	265	133
	0%	0%	2%	0%	6%	1%
grade 5 events	106	133	472	147	388	223
	1%	1%	7%	2%	10%	2%
grade 6 events	86	83	1482	80	943	463
	1%	1%	22%	1%	24%	5%
grade 7 events	6979	6286	1747	6101	1158	6189
	91%	89%	27%	89%	30%	75%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-235678	ACIS-235678	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	151.793861	151.7971304944439	Subarray requested	NONE	NONE
[deg] Pointing Dec	5.562381	5.535263382576369	Alternating exposures requested	N	N
[deg] Pointing Roll	245.920391	246.0766949032457	[s] Primary exposure time	0.000000	3.2
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	267624900.184000	267623694.62179			
Observation start date	2006-06-25T12:13:55	2006-06-25T11:54:54			
[s] Observation end time (MET)	267625900.184000	267626474.42192			
Observation end date	2006-06-25T12:30:35	2006-06-25T12:41:14			
Read mode	TIMED	TIMED			

2.3 Aspect



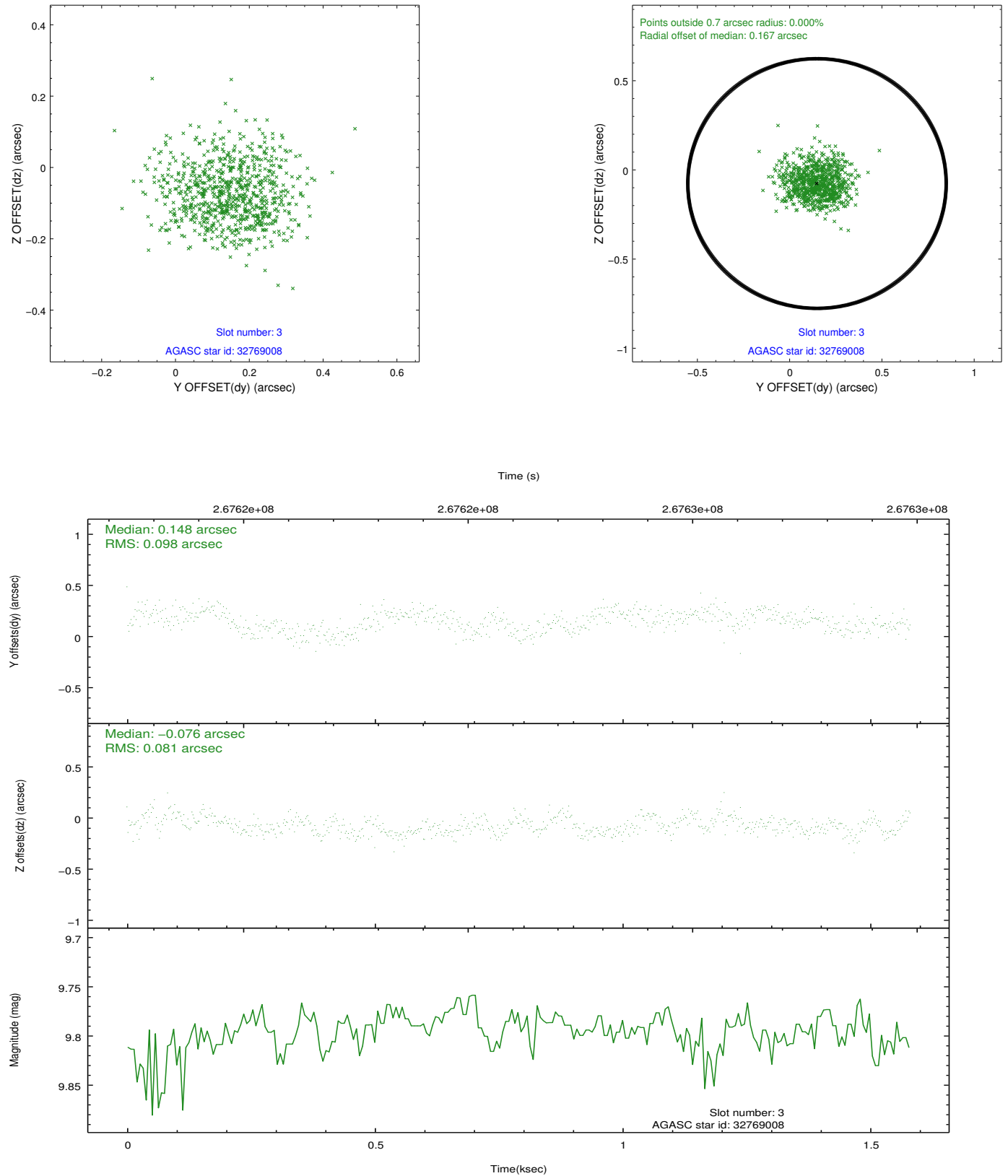


Slot Statistics

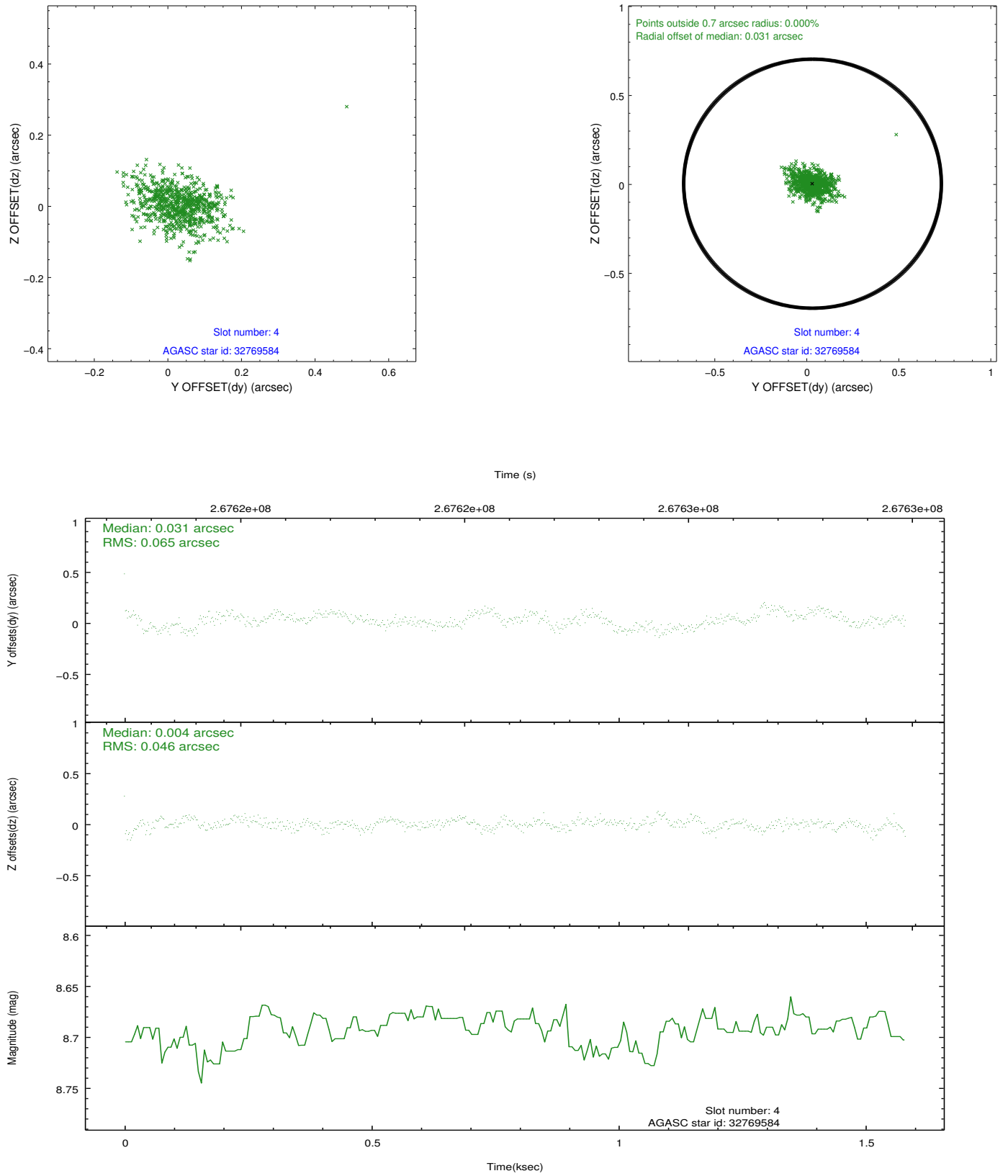
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	386	-0.009	-0.028	0.007	0.011	0.000000	0.000000	-761.50	-1733.51
1	FID	ACIS-S-4	7.20	386	0.115	0.012	0.005	0.011	0.000000	0.000000	2150.01	170.67
2	FID	ACIS-S-5	7.23	386	-0.137	0.025	0.006	0.011	0.000000	0.000000	-1809.09	169.12
3	GUIDE	32769008	9.79	771	0.148	-0.076	0.134	0.216	151.329576	5.075142	2280.60	-804.33
4	GUIDE	32769584	8.69	772	0.031	0.004	0.082	0.139	151.091599	5.411792	1523.87	-2077.98
5	GUIDE	32777200	10.00	771	-0.039	-0.026	0.135	0.218	152.416776	5.720289	-1428.76	1802.00
6	GUIDE	32778264	8.88	772	-0.152	0.048	0.067	0.110	151.871000	6.064352	-1764.19	-482.93
7	GUIDE	32778528	8.85	771	0.019	0.056	0.077	0.126	151.652532	5.523249	332.99	-404.89

2.4 Star Slots

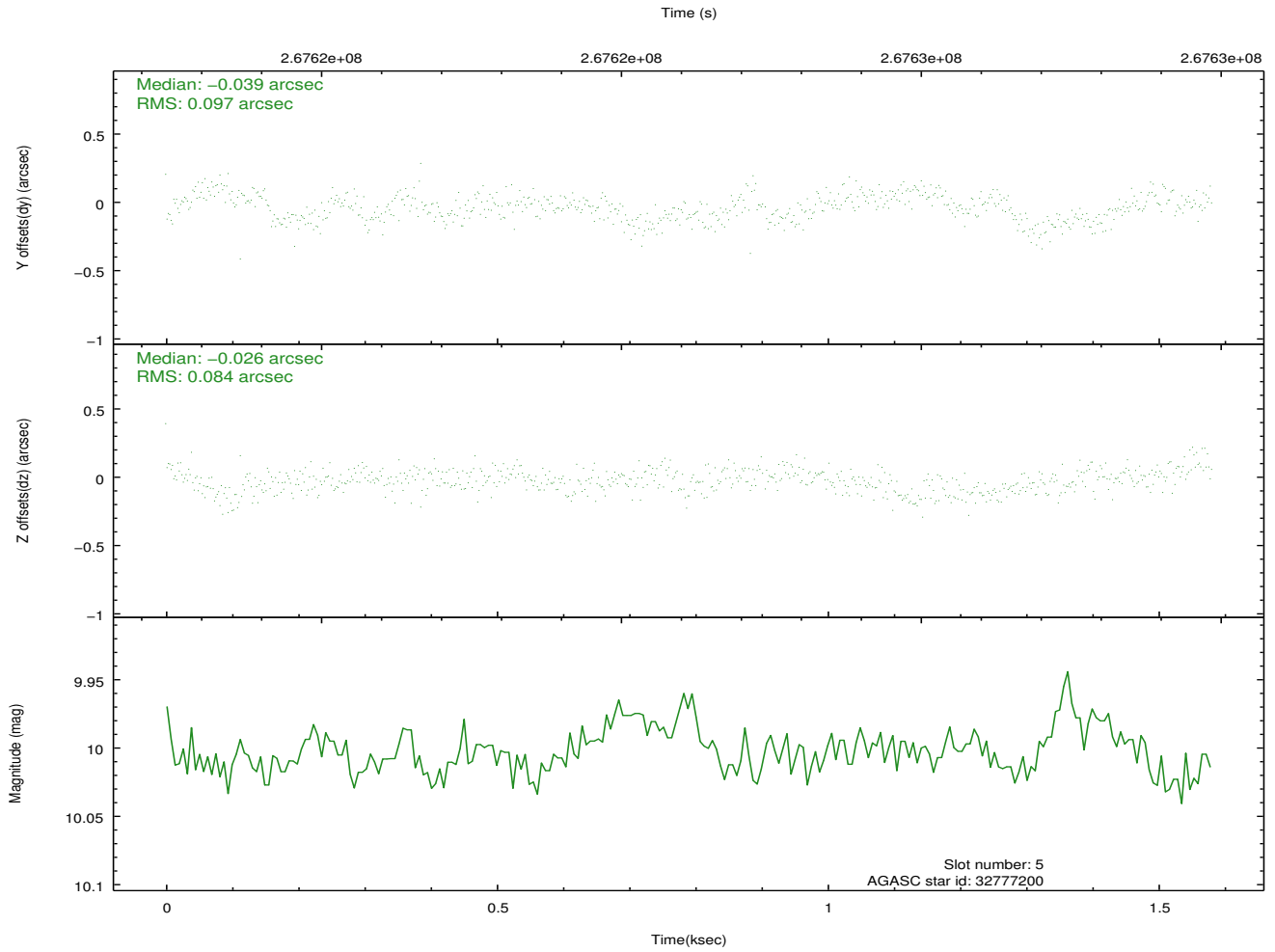
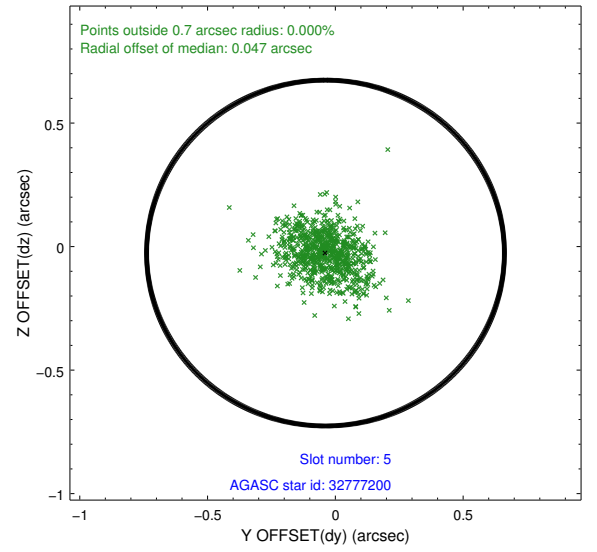
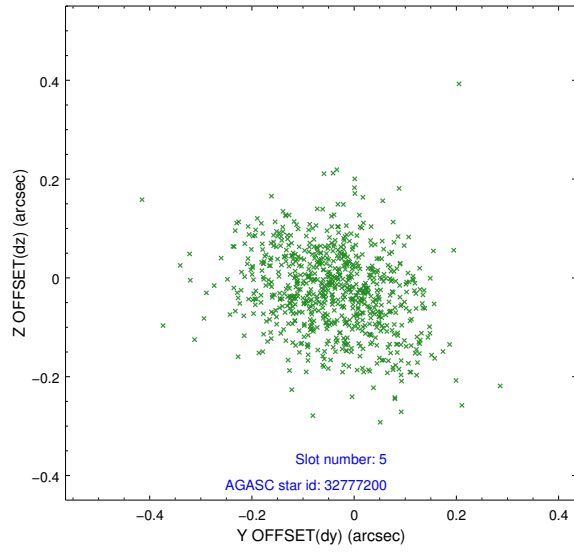
2.4.1 Slot 3



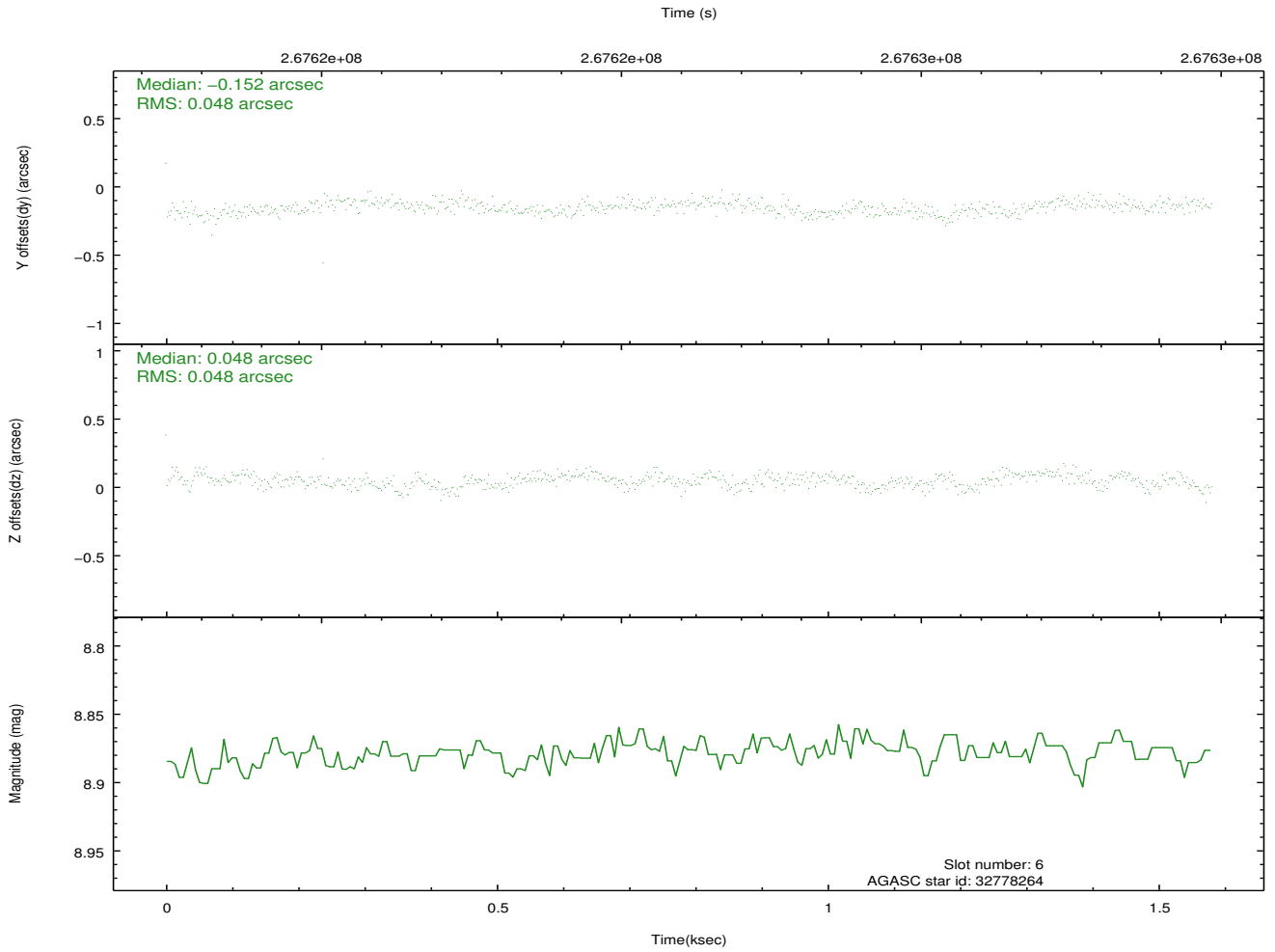
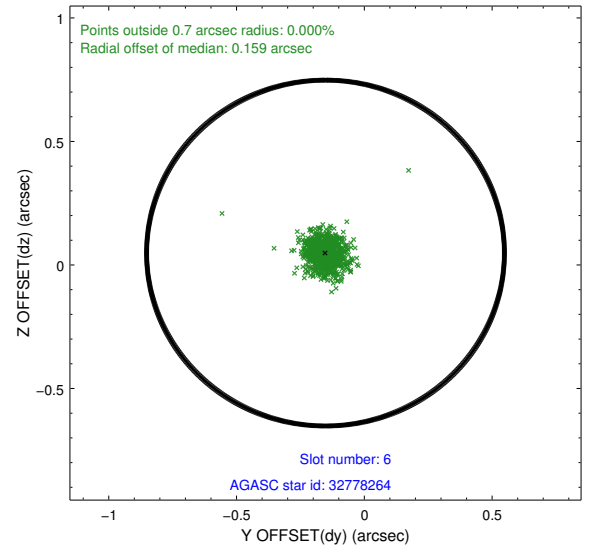
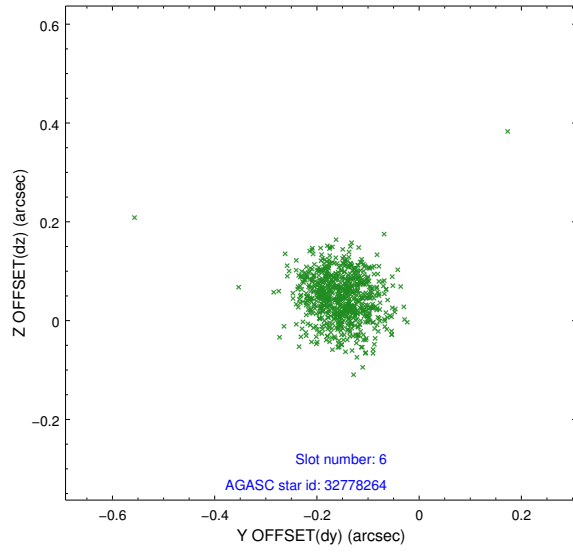
2.4.2 Slot 4



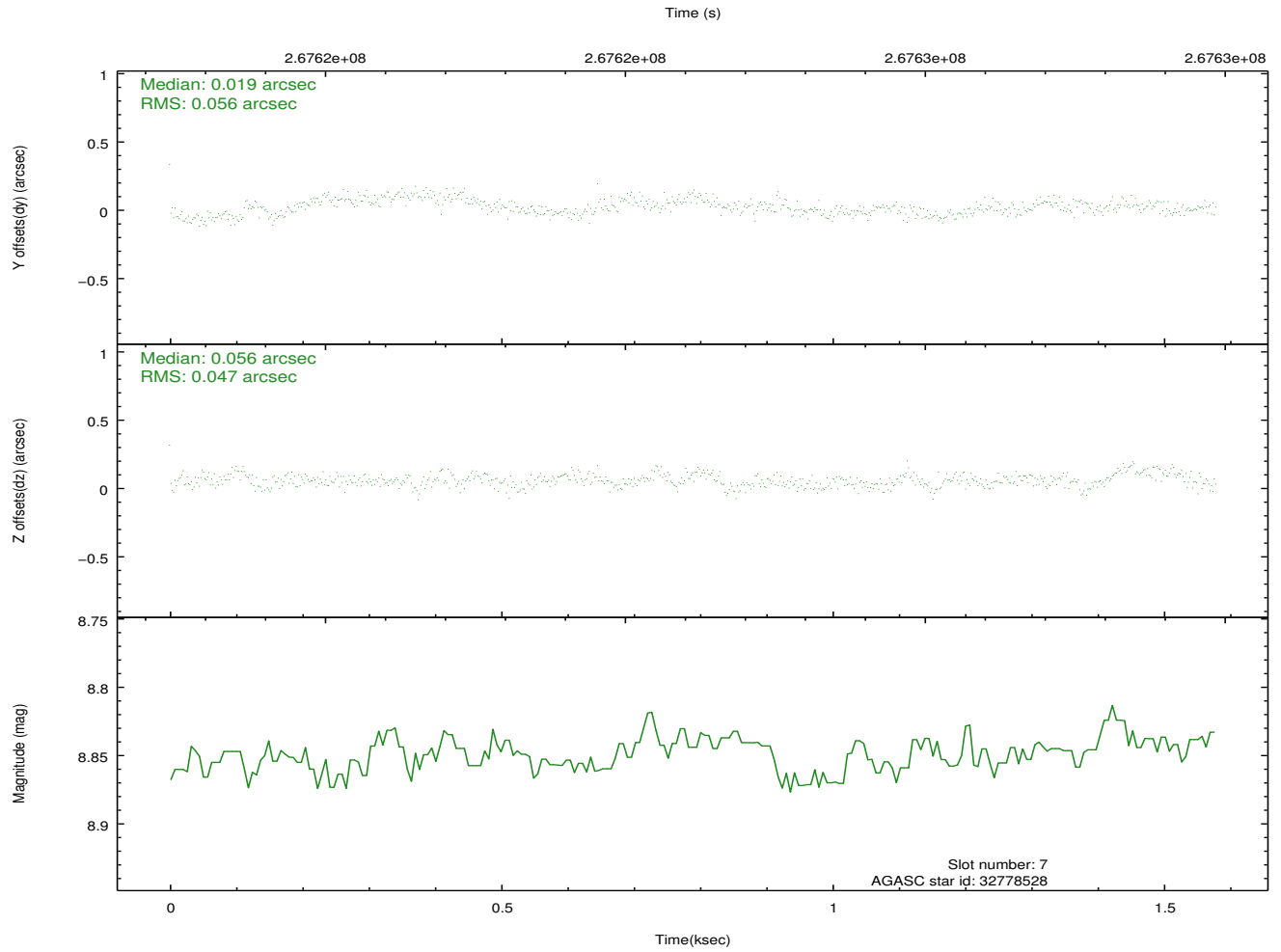
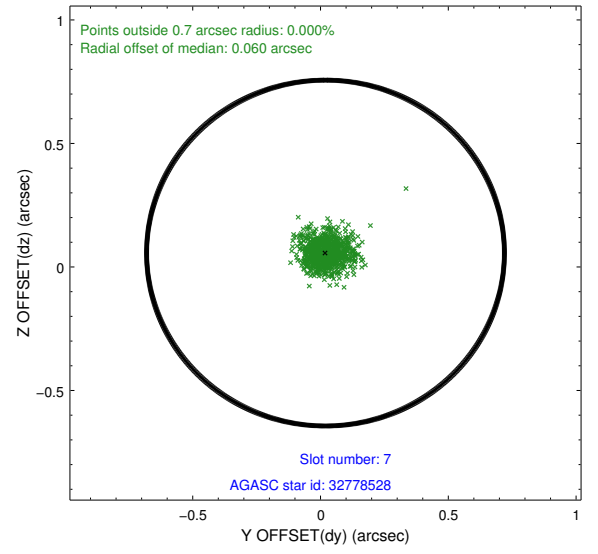
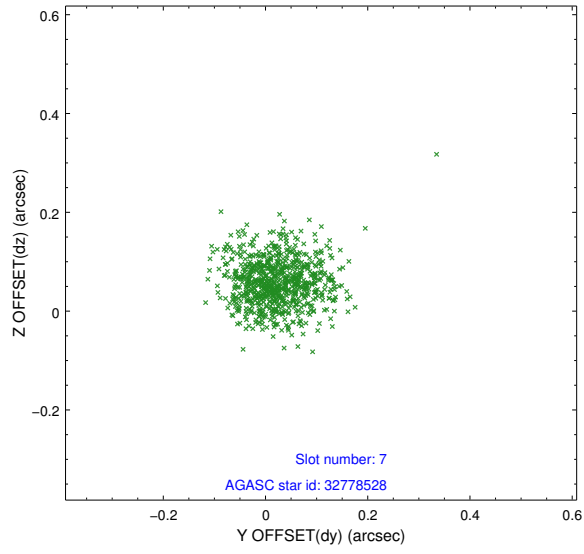
2.4.3 Slot 5



2.4.4 Slot 6

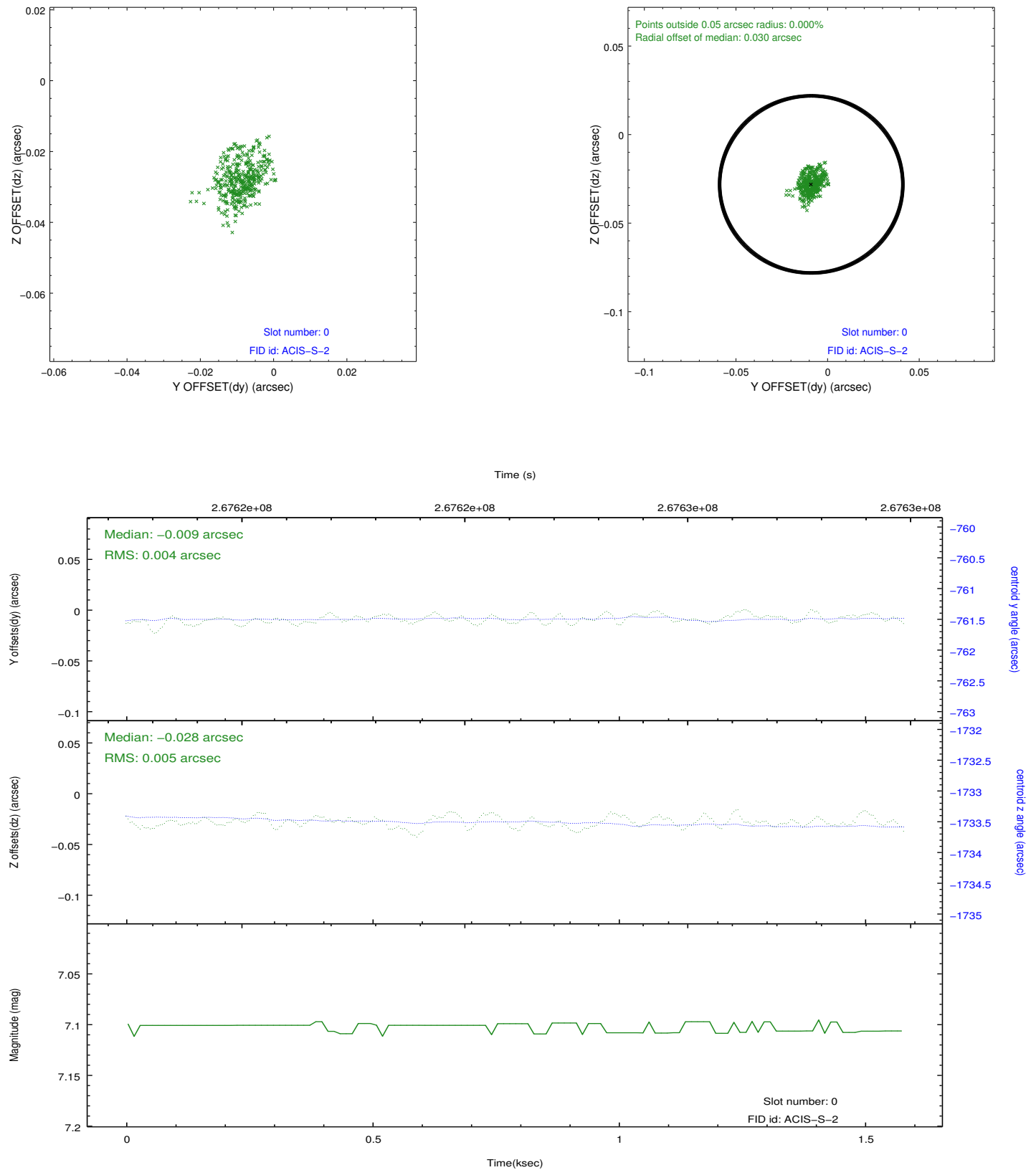


2.4.5 Slot 7

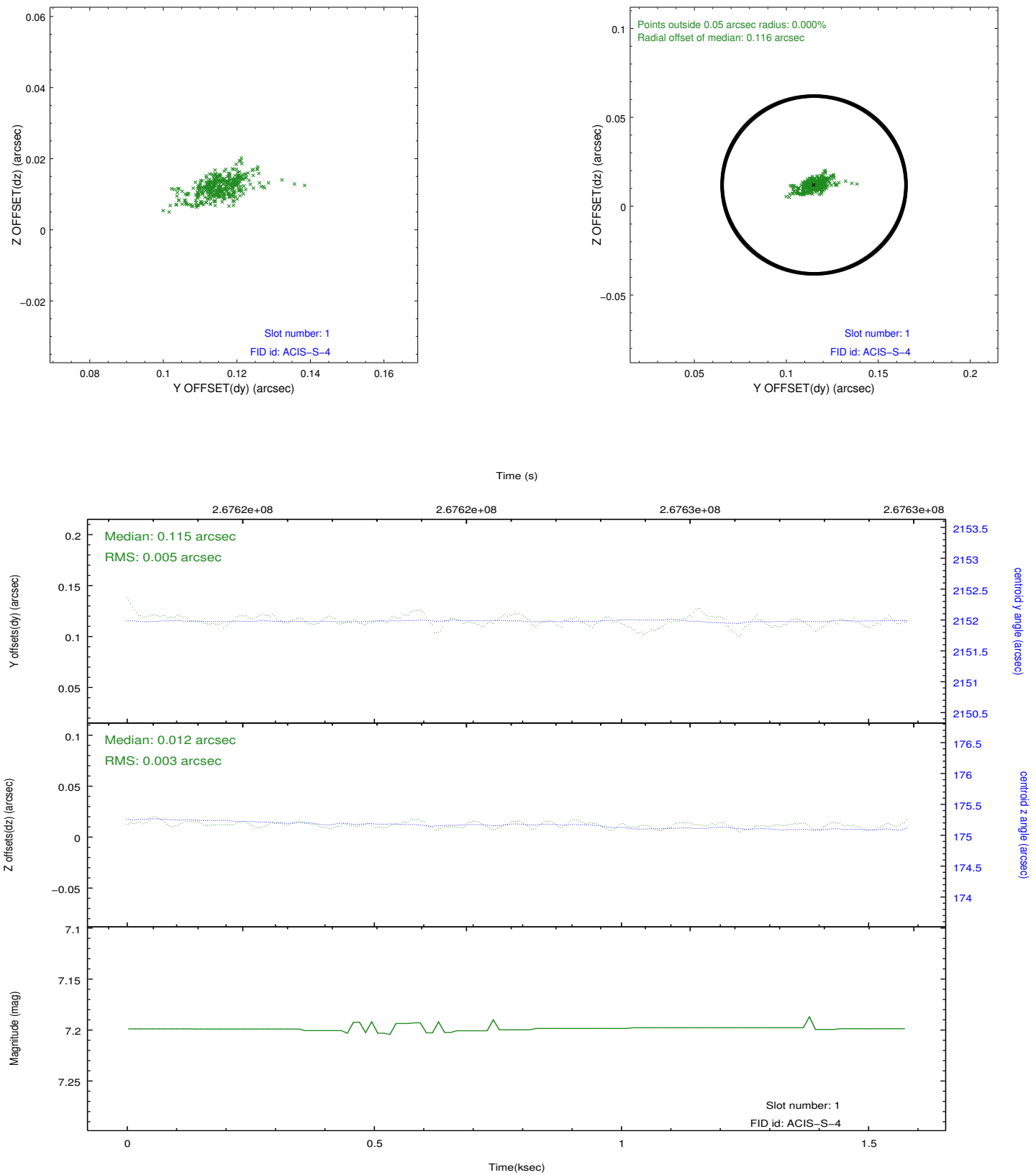


2.5 FID Slots

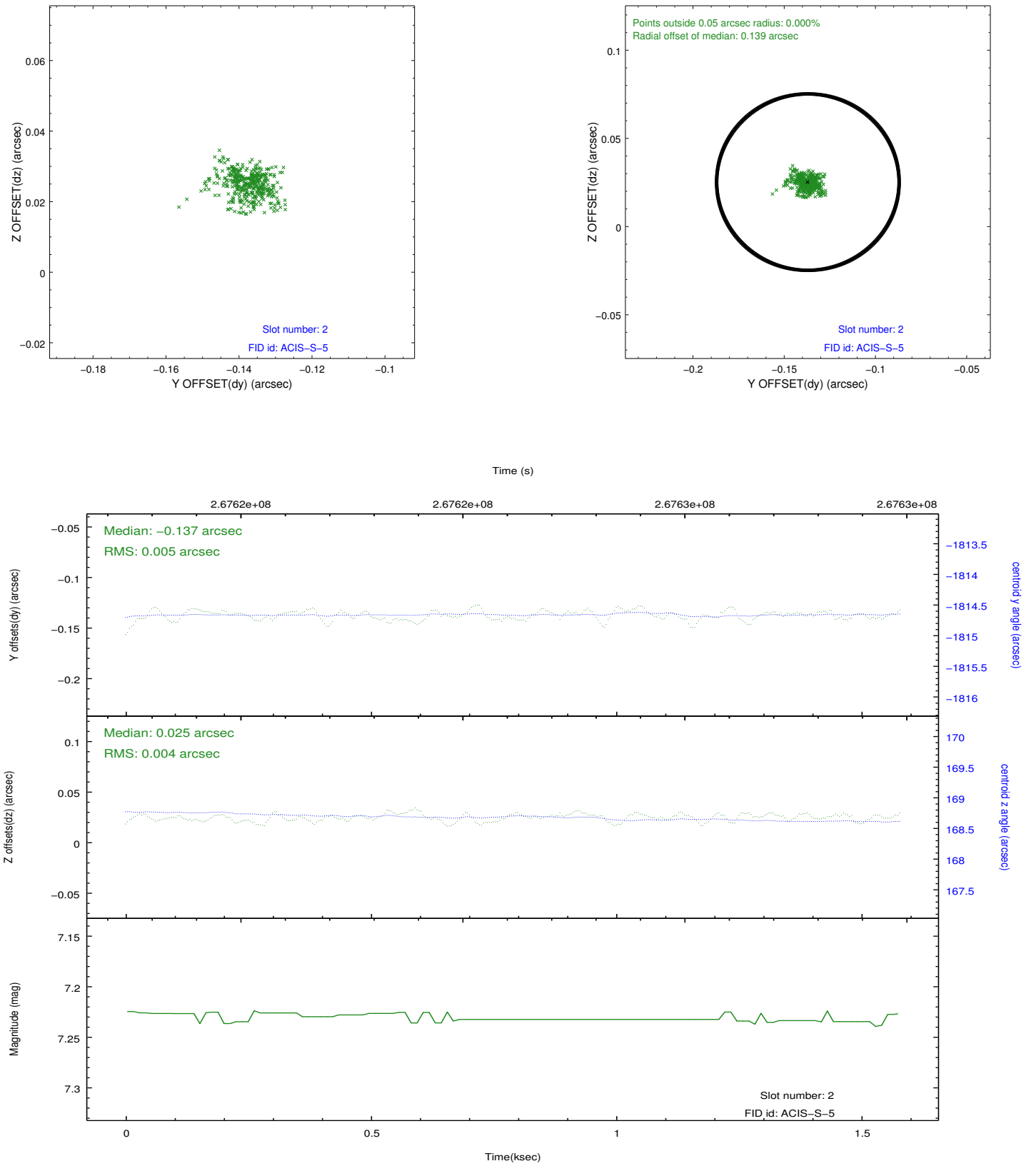
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.04.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.04319999

A.2 Comments