

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6885 - L2 Version 2
Chandra X-Ray Center

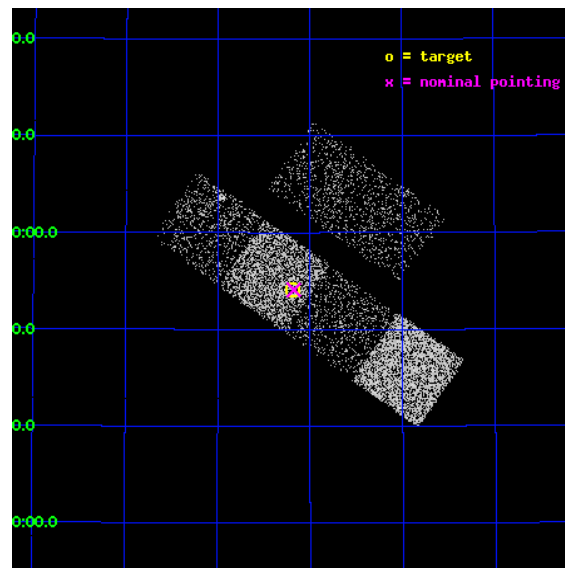
L2 Processing Date : Mar 27 2012

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1 Front

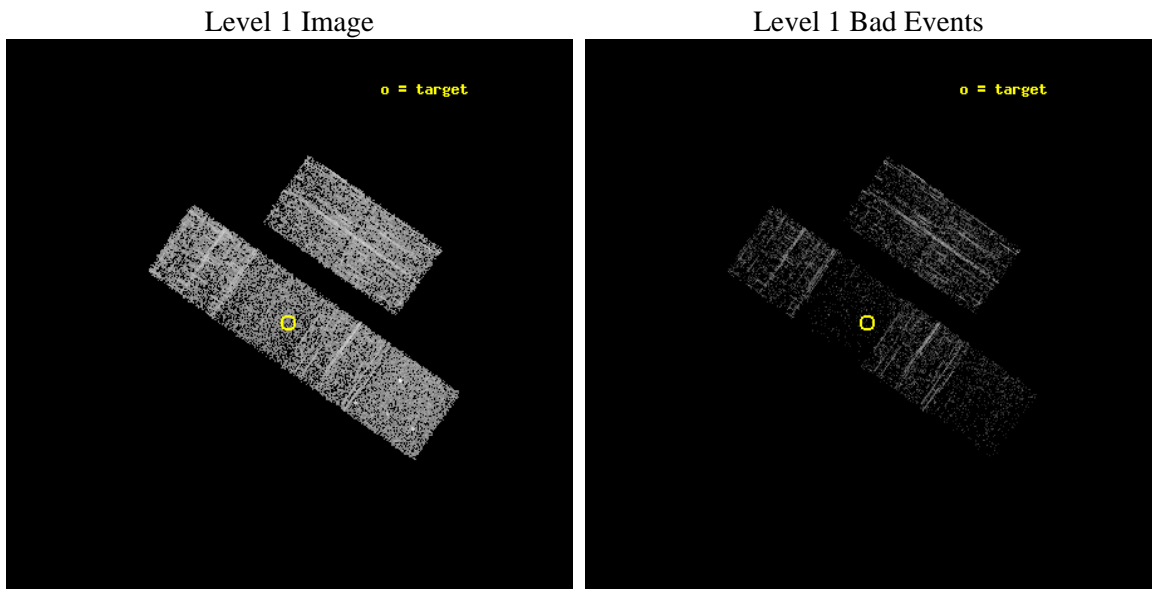
seq_num	701302	Sequence number
obs_id	6885	Observation id
title	A Uniform Chandra Survey of the Brightest and Most Extreme SDSS BALQSOs	Proposal title
observer	Dr. Scott Anderson	Principal investigator
object	SDSS J092011.34+495404.1	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	140.047083	Observer's specified target RA [deg]
dec_targ	49.901139	Observer's specified target Dec [deg]
ra_nom	140.04395733195	Nominal RA [deg]
dec_nom	49.901626539238	Nominal Dec [deg]
roll_nom	214.94012393329	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1542.3999942541	Sum of GTIs [s]
livetime	1522.8691968051	Livetime [s]
ontime2	1539.1590735614	Sum of GTIs [s]
ontime3	1542.3999942541	Sum of GTIs [s]
ontime5	1542.3999942541	Sum of GTIs [s]
ontime6	1526.1950130165	Sum of GTIs [s]
ontime7	1542.3999942541	Sum of GTIs [s]
ontime8	1542.3999942541	Sum of GTIs [s]
l2events	10711	Number of level 2 events



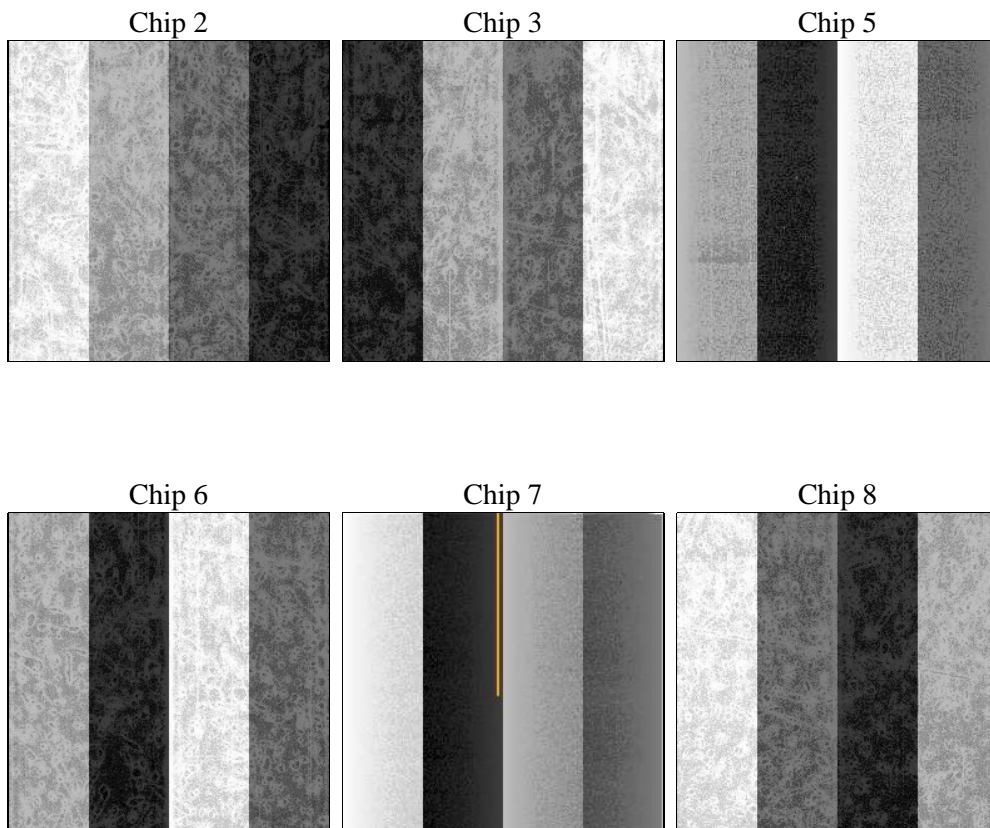
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	1542.3999942541	Sum of GTIs [s]
caldsver	4.4.8	 	ontime2	1539.1590735614	Sum of GTIs [s]
date	2012-03-27T03:27:28	Date and time of file creation	ontime3	1542.3999942541	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	1542.3999942541	Sum of GTIs [s]
			ontime6	1526.1950130165	Sum of GTIs [s]
			ontime7	1542.3999942541	Sum of GTIs [s]
			ontime8	1542.3999942541	Sum of GTIs [s]
			l1events	55205	Number of level 1 events

2.1.4 Events

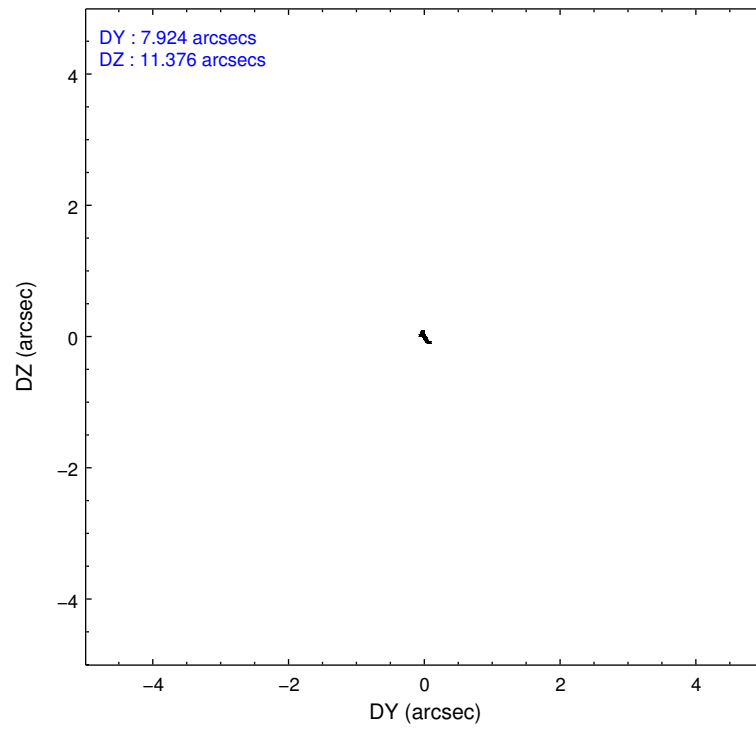
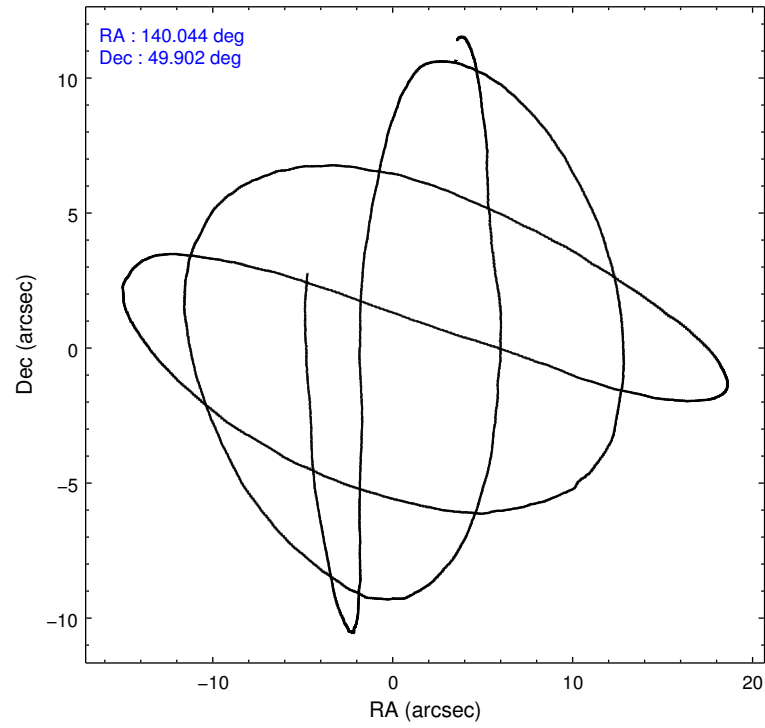
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	11172	9287	8649	9433	5460	11204
rejected events	10286	8512	3154	8536	2259	8395
rejected %	92%	91%	36%	90%	41%	74%

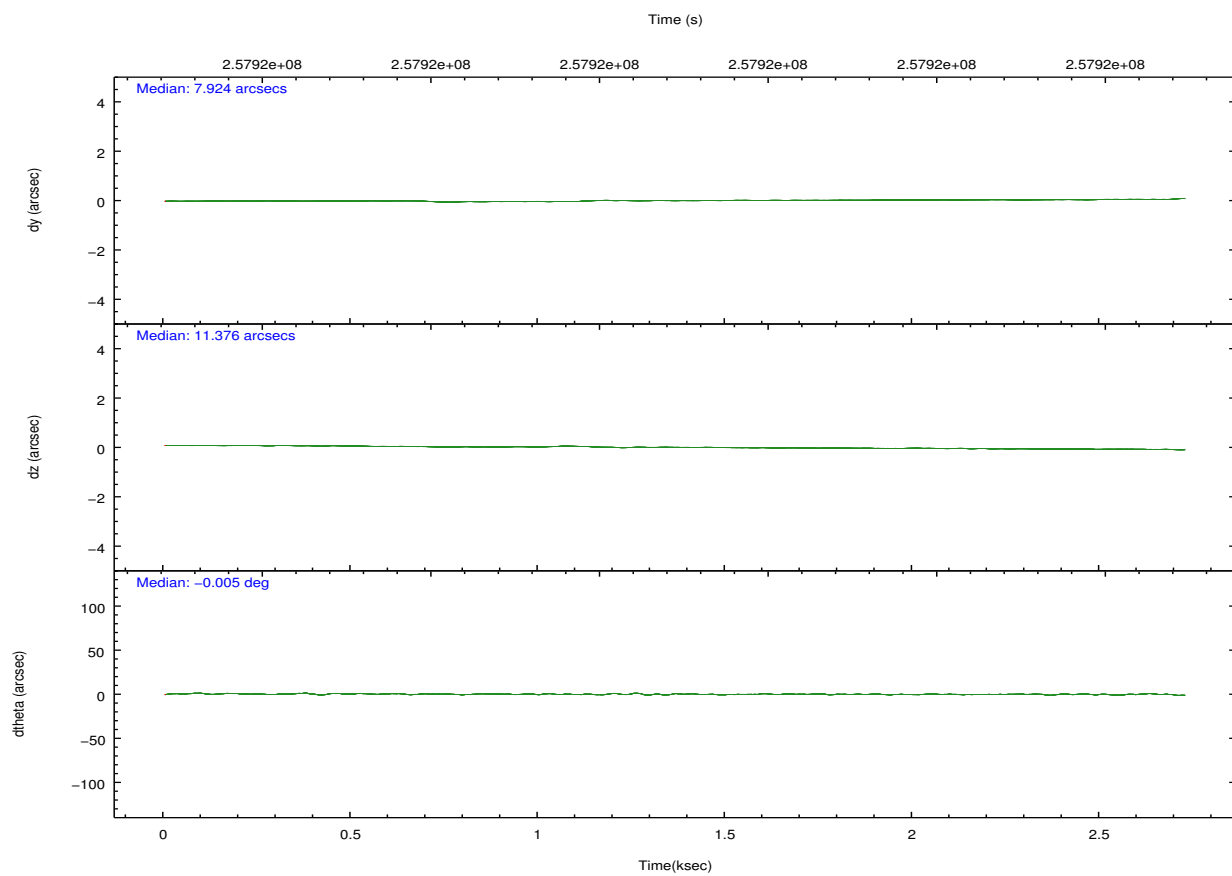
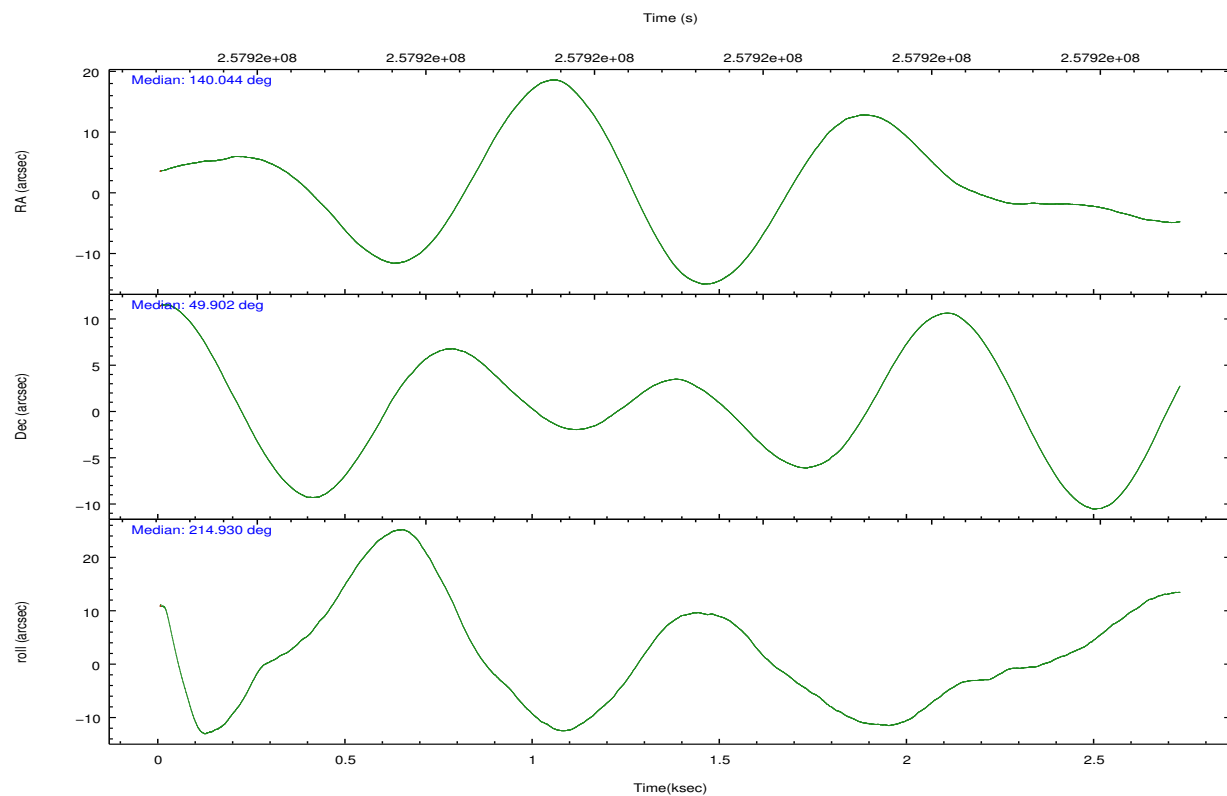
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	360	325	1051	398	401	852
	3%	3%	12%	4%	7%	7%
grade 1 events	10	5	39	4	10	9
	0%	0%	0%	0%	0%	0%
grade 2 events	231	125	1659	186	742	644
	2%	1%	19%	1%	13%	5%
grade 3 events	93	110	288	98	318	324
	0%	1%	3%	1%	5%	2%
grade 4 events	96	90	288	97	342	277
	0%	0%	3%	1%	6%	2%
grade 5 events	153	187	713	187	560	297
	1%	2%	8%	1%	10%	2%
grade 6 events	109	131	2232	120	1411	715
	0%	1%	25%	1%	25%	6%
grade 7 events	10120	8314	2379	8343	1676	8086
	90%	89%	27%	88%	30%	72%

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	140.061415	140.0439573319547	Subarray requested	NONE	NONE
[deg] Pointing Dec	49.926628	49.9016265392378	Alternating exposures requested	N	N
[deg] Pointing Roll	214.770063	214.9401239332915	[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)	257917088.184000	257915561.44407			
Observation start date	2006-03-05T03:37:03	2006-03-05T03:12:41			
[s] Observation end time (MET)	257918588.184000	257919280.65674			
Observation end date	2006-03-05T04:02:03	2006-03-05T04:14:40			
Read mode	TIMED	TIMED			

2.3 Aspect



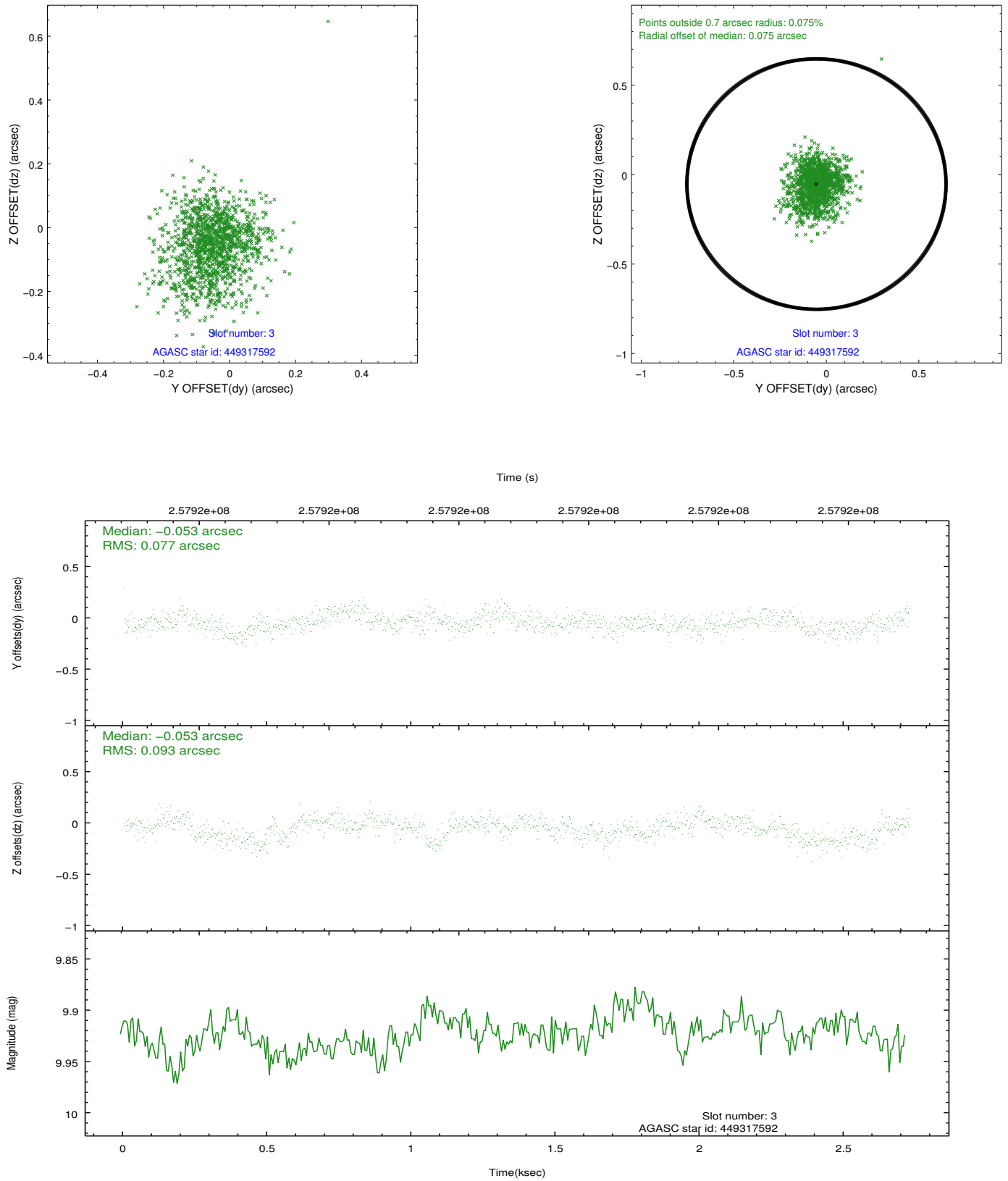


Slot Statistics

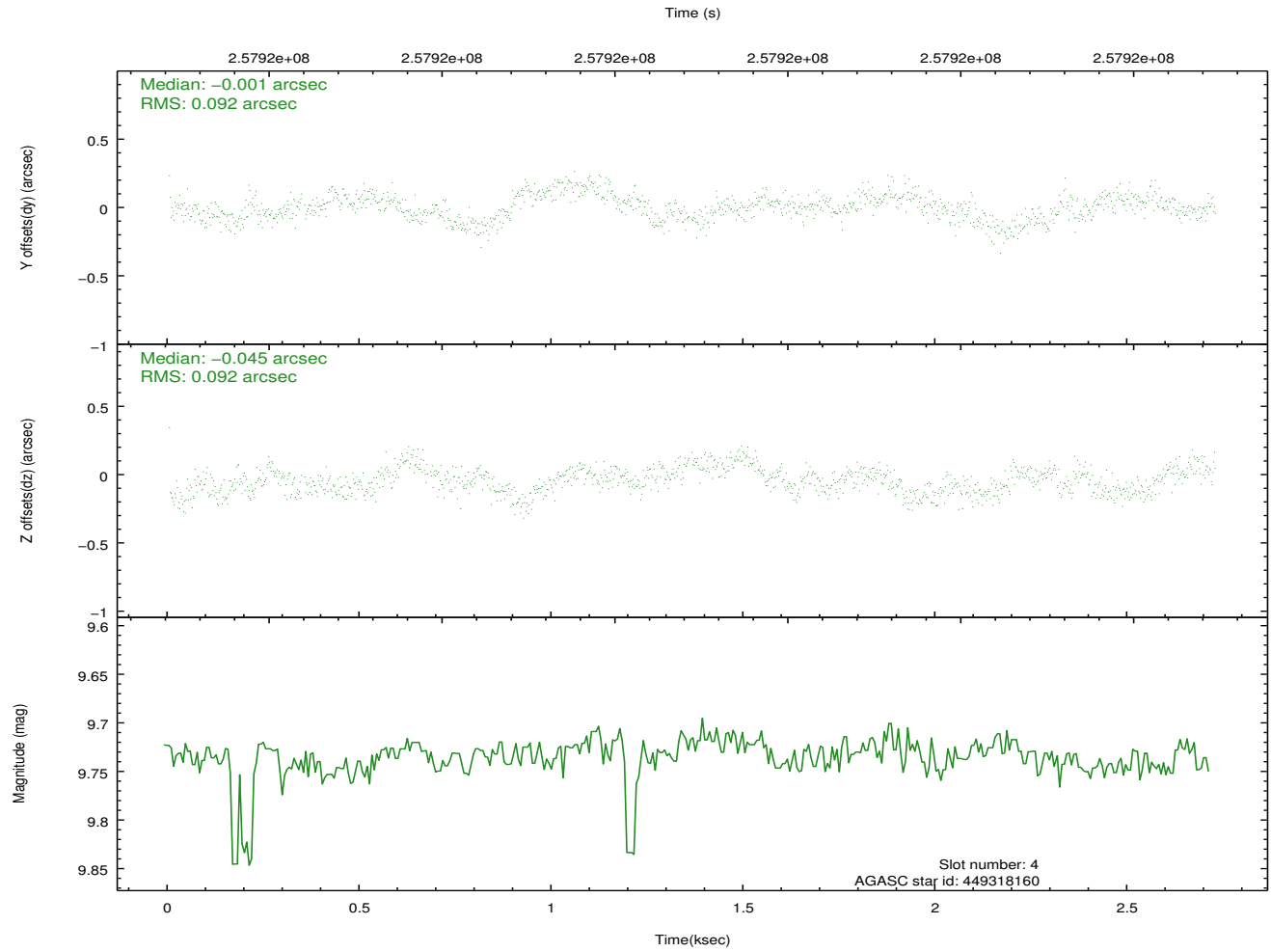
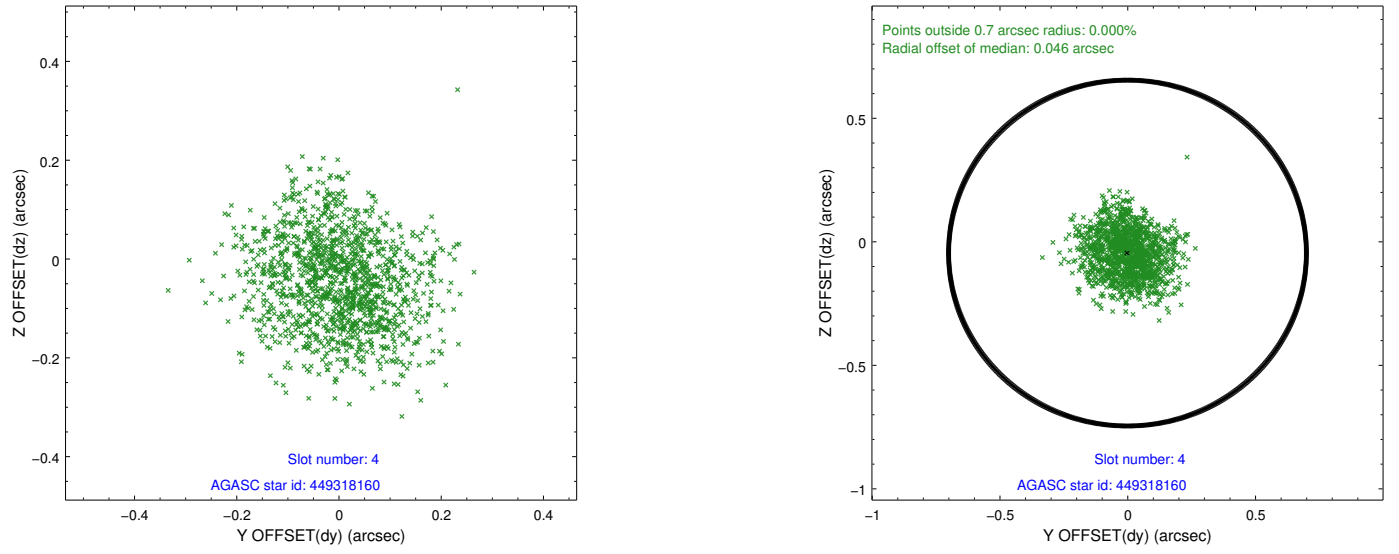
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	665	-0.032	-0.020	0.007	0.012	0.000000	0.000000	-760.71	-1732.64
1	FID	ACIS-S-4	7.21	665	0.107	0.021	0.006	0.011	0.000000	0.000000	2151.61	173.49
2	FID	ACIS-S-5	7.24	665	-0.106	0.007	0.006	0.011	0.000000	0.000000	-1810.62	169.77
3	GUIDE	449317592	9.92	1328	-0.053	-0.053	0.127	0.208	139.303443	49.866821	1562.47	-833.44
4	GUIDE	449318160	9.73	1320	-0.001	-0.045	0.141	0.221	140.117555	49.607839	548.05	1016.73
5	GUIDE	449318680	9.89	1327	0.015	0.057	0.124	0.208	140.124677	49.336510	1090.04	1830.75
6	GUIDE	449712368	10.32	1264	0.085	0.075	0.242	0.376	139.883484	50.202925	-229.47	-1049.92
7	GUIDE	449719896	10.17	1326	-0.049	-0.041	0.169	0.261	140.547746	50.037171	-1153.13	310.20

2.4 Star Slots

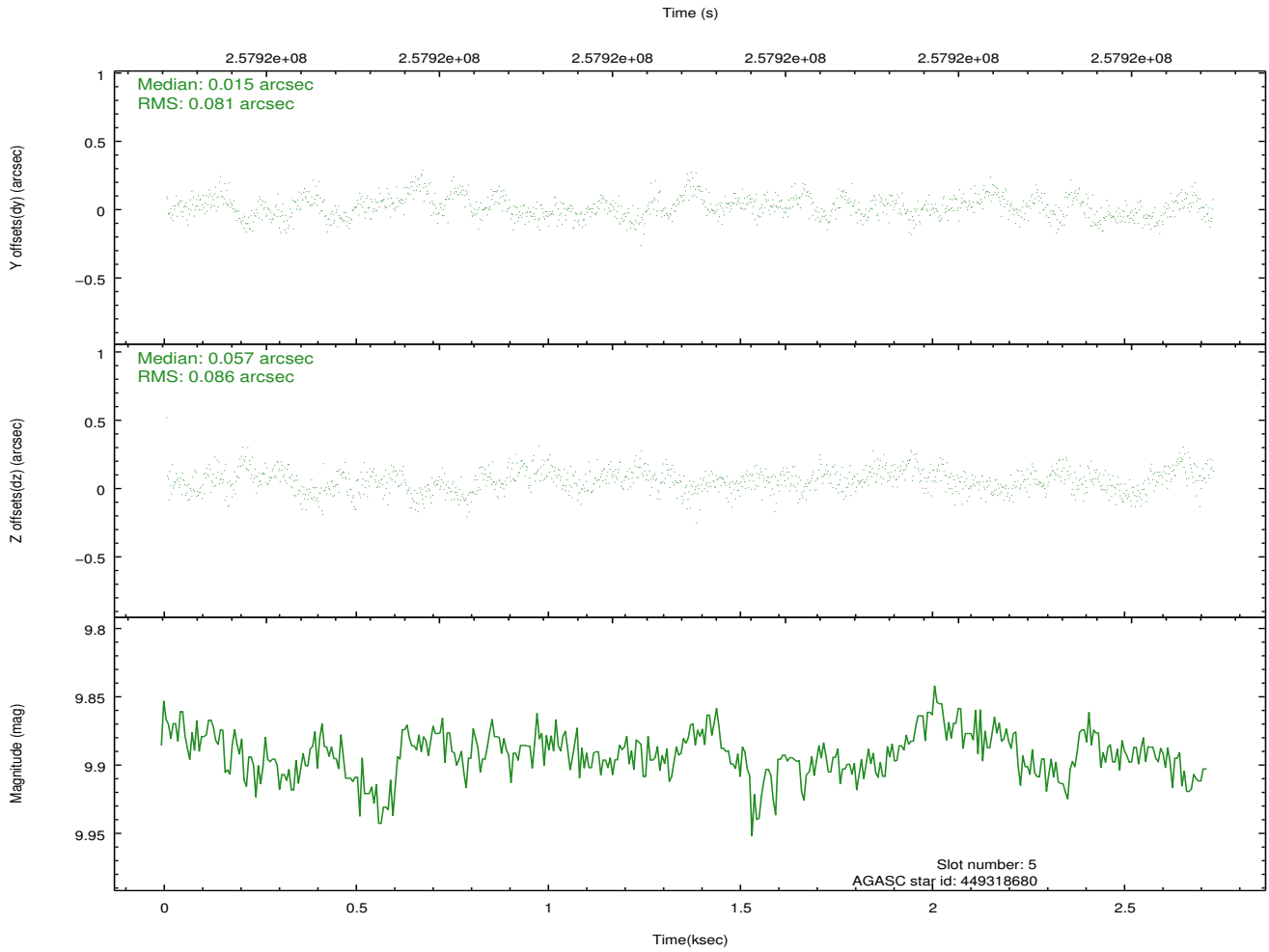
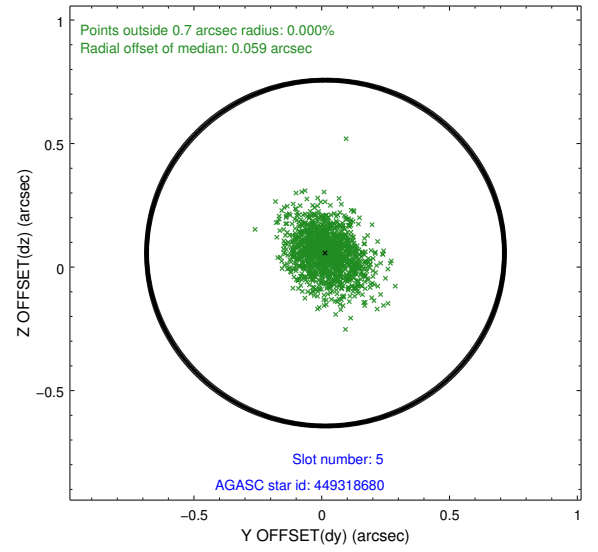
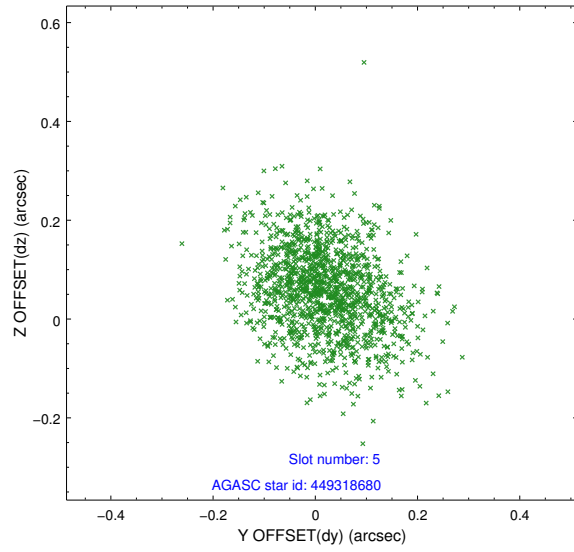
2.4.1 Slot 3



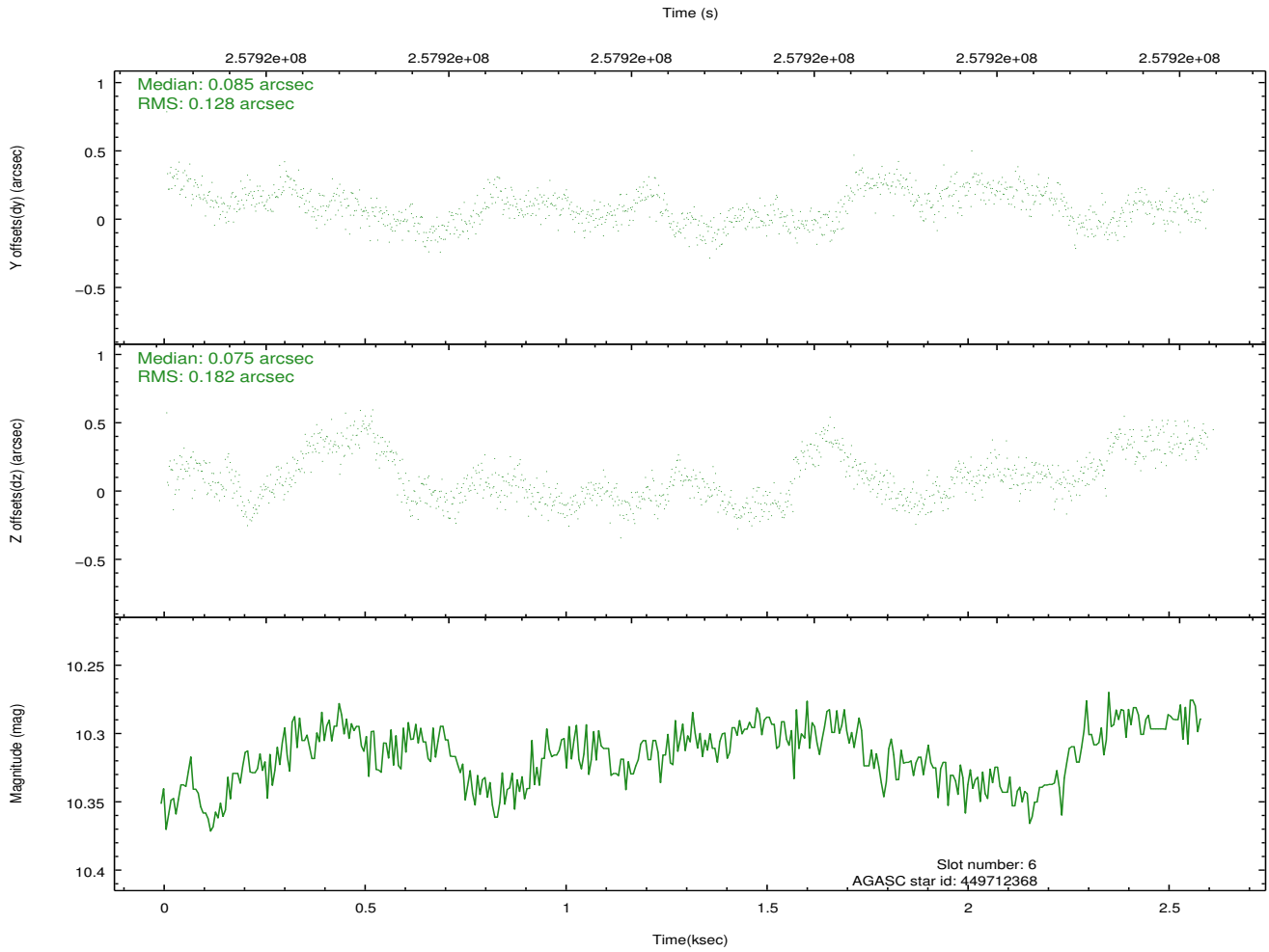
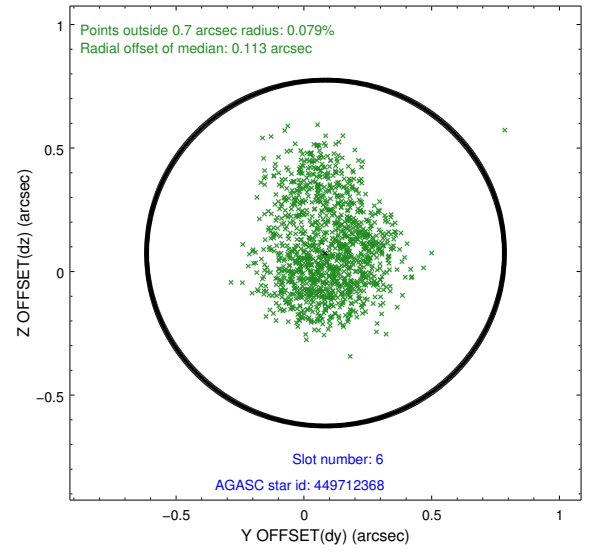
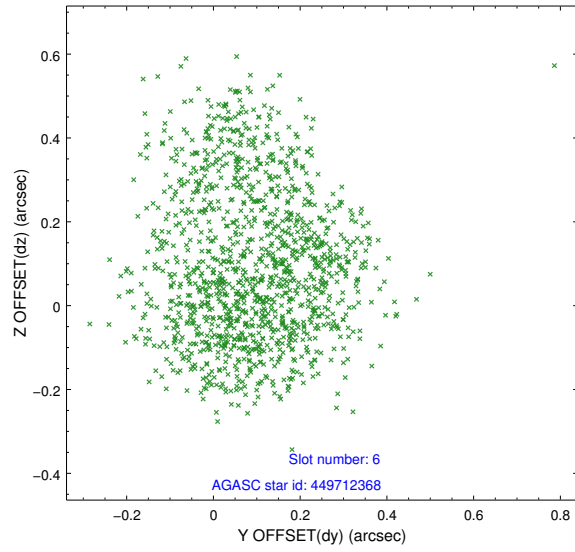
2.4.2 Slot 4



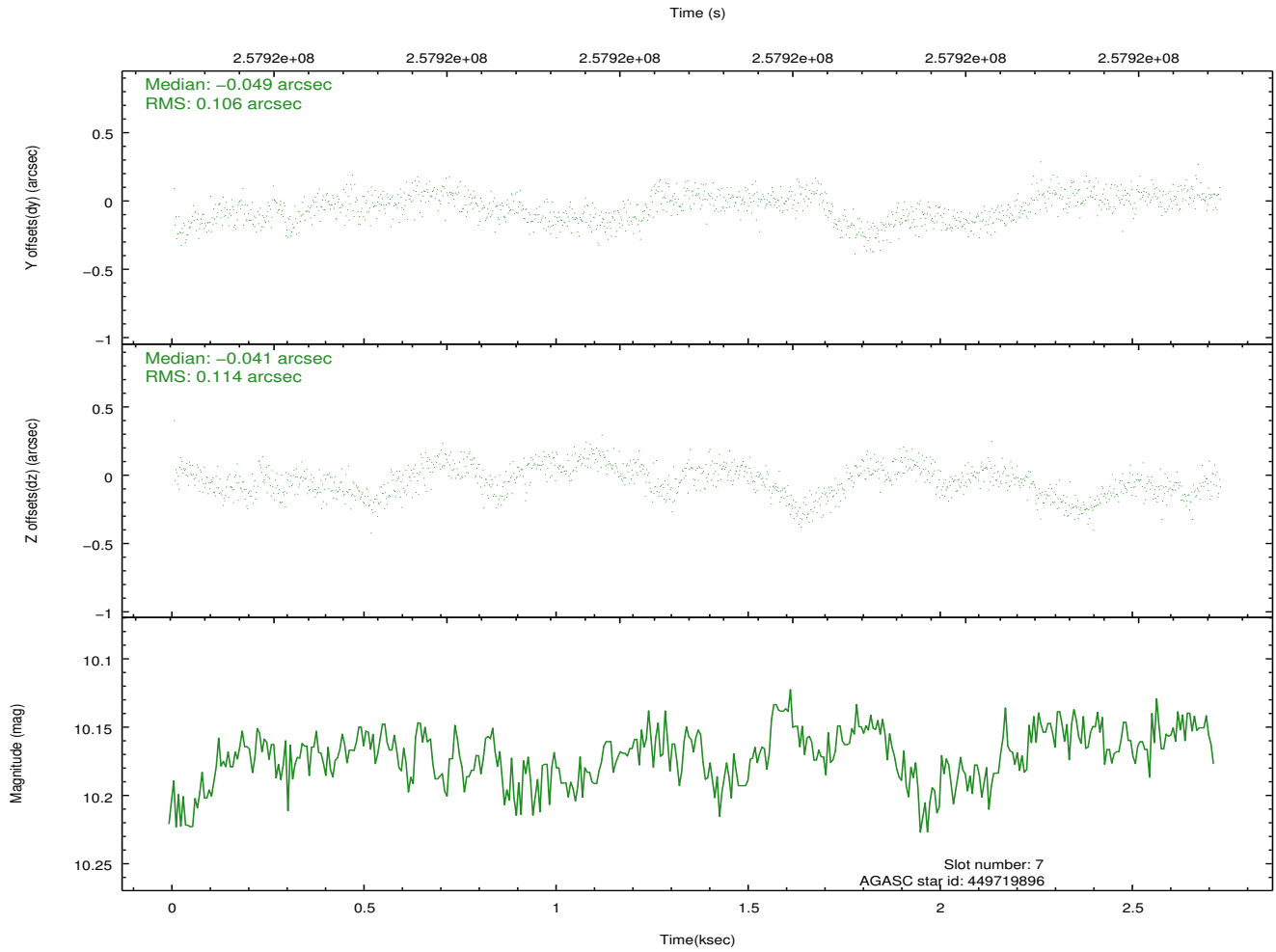
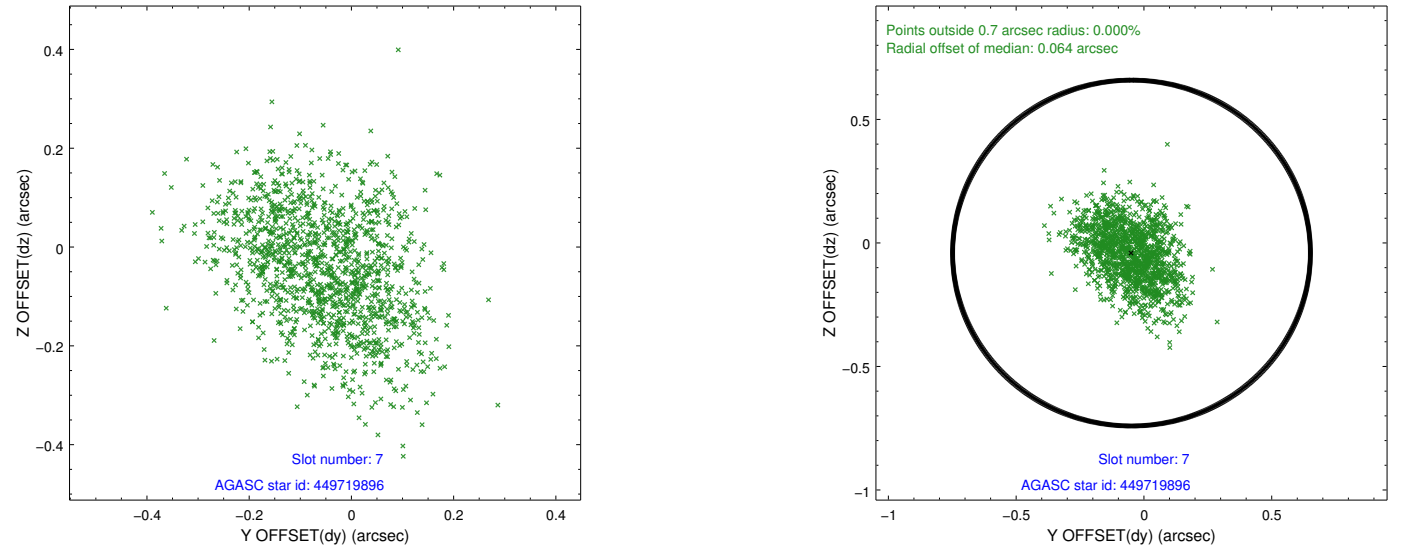
2.4.3 Slot 5



2.4.4 Slot 6

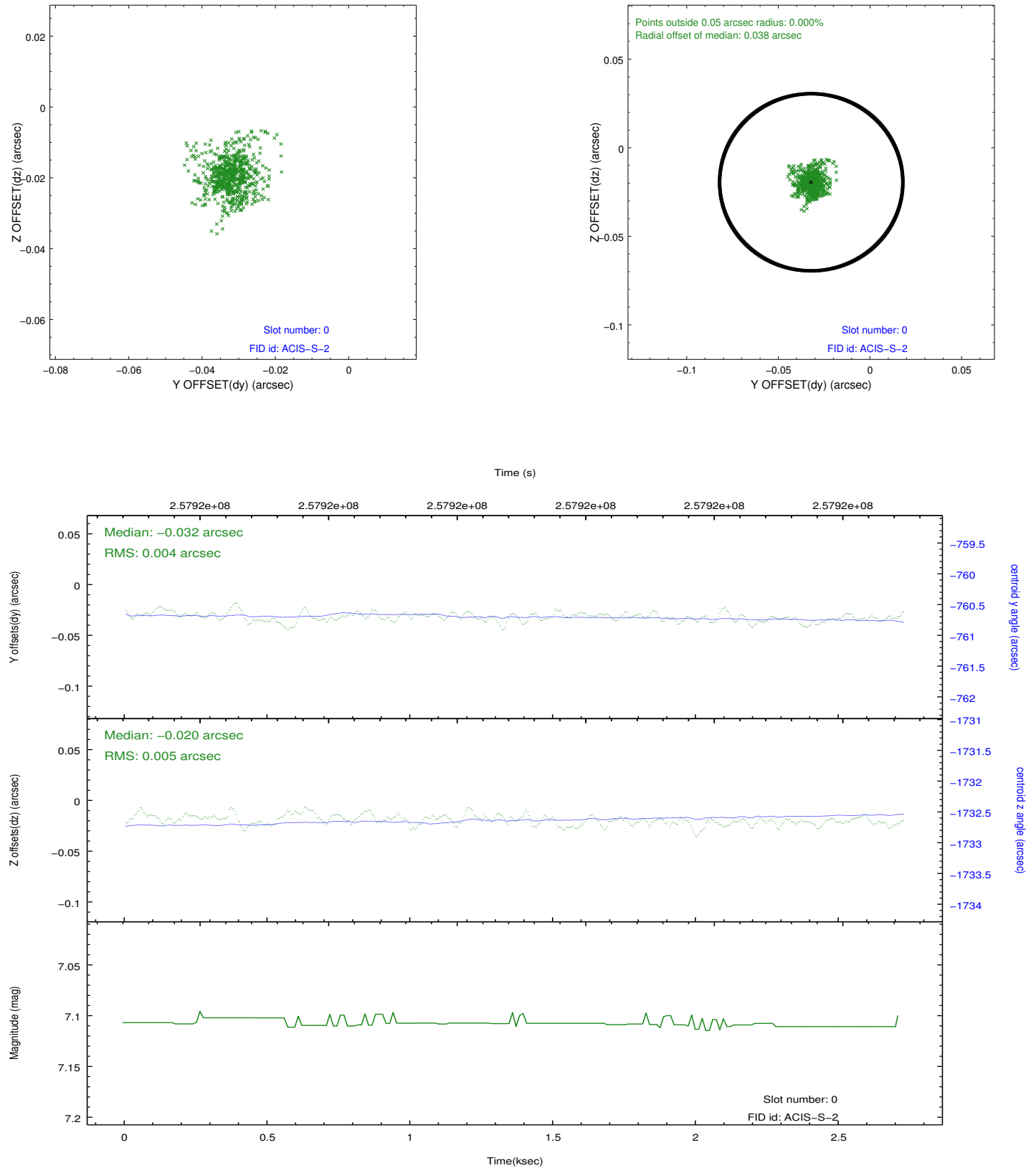


2.4.5 Slot 7

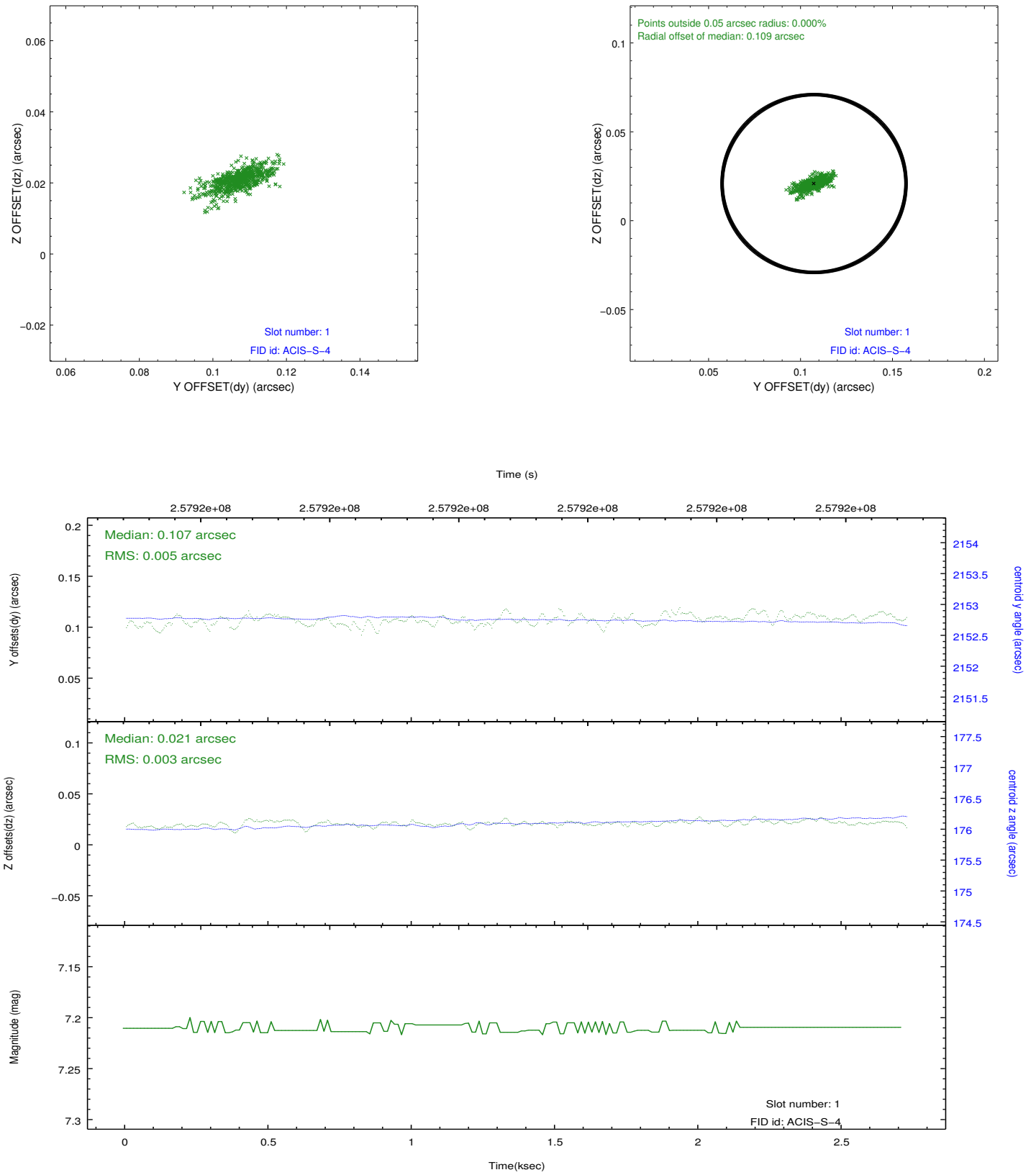


2.5 FID Slots

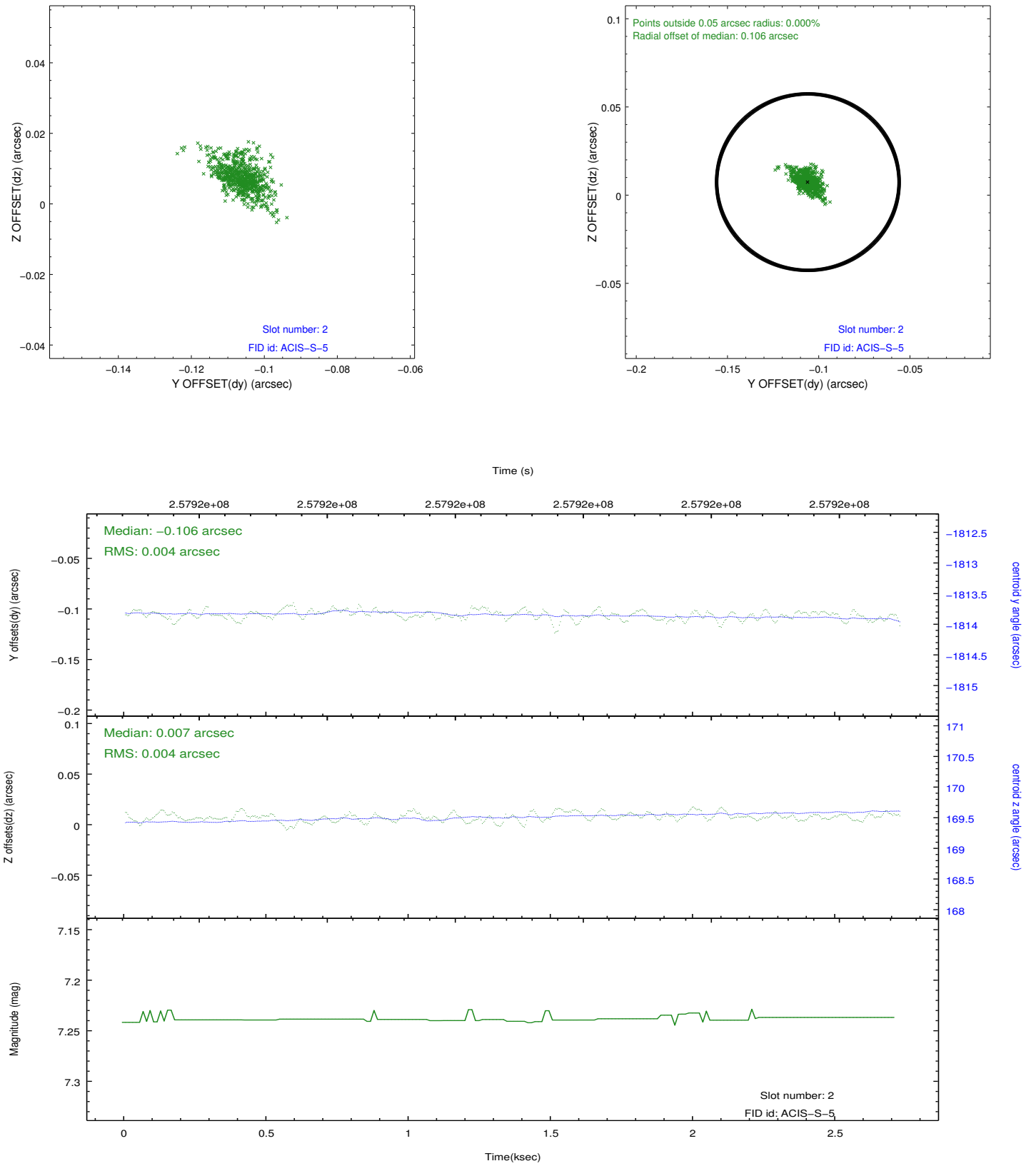
2.5.1 Slot 0



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)	2012.03.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.54239999

A.2 Comments