

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6890 - L2 Version 2
Chandra X-Ray Center

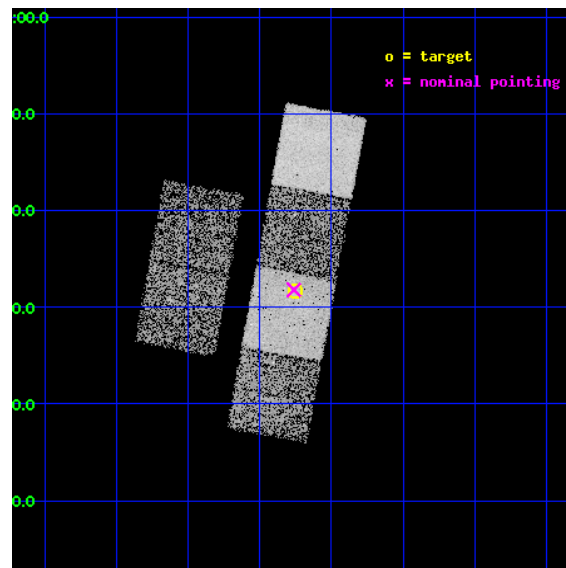
L2 Processing Date : Mar 29 2012

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1 Front

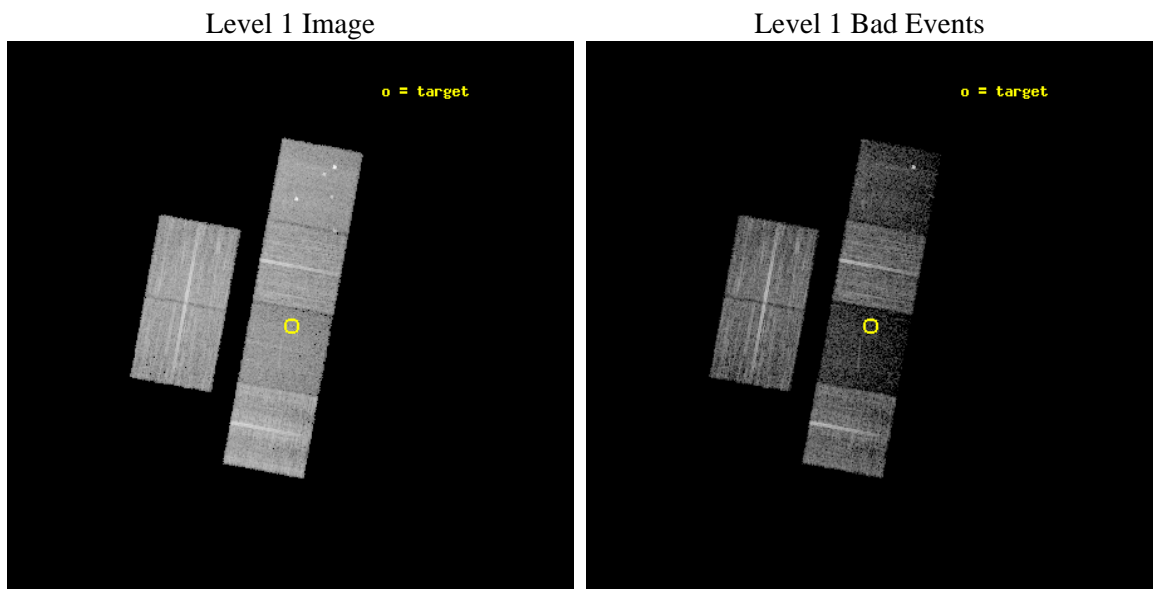
seq_num	701307	Sequence number
obs_id	6890	Observation id
title	A Uniform Chandra Survey of the Brightest and Most Extreme SDSS BALQSOs	Proposal title
observer	Dr. Scott Anderson	Principal investigator
object	SDSS J220445.36+003142.0	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	331.189167	Observer's specified target RA [deg]
dec_targ	0.528333	Observer's specified target Dec [deg]
ra_nom	331.19054895531	Nominal RA [deg]
dec_nom	0.52990599050952	Nominal Dec [deg]
roll_nom	100.46358897749	Nominal Roll [deg]
revision	2	Processing version of data
ontime	9550.5742734671	Sum of GTIs [s]
livetime	9429.639151351	Livetime [s]
ontime2	9550.6153134704	Sum of GTIs [s]
ontime3	9550.4511534572	Sum of GTIs [s]
ontime5	9550.5332334638	Sum of GTIs [s]
ontime6	9550.4921934605	Sum of GTIs [s]
ontime7	9550.5742734671	Sum of GTIs [s]
ontime8	9550.4101134837	Sum of GTIs [s]
l2events	63298	Number of level 2 events



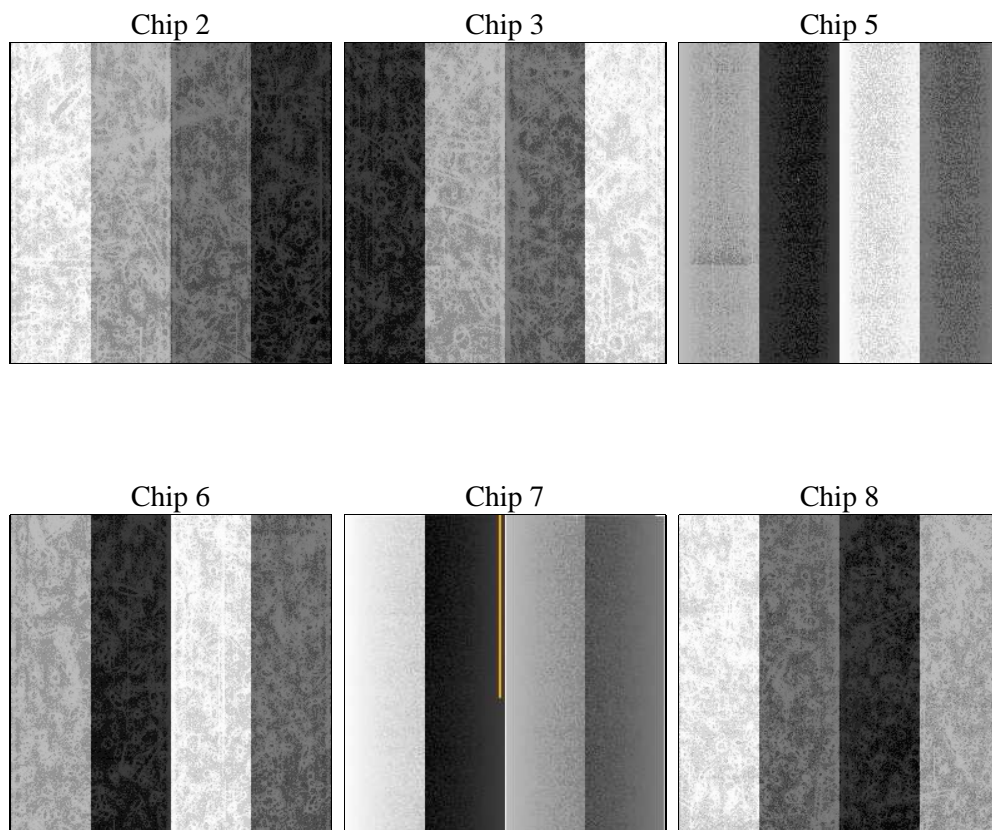
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	9500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	9550.5742734671	Sum of GTIs [s]
caldbver	4.4.8	 	ontime2	9550.6153134704	Sum of GTIs [s]
date	2012-03-29T13:30:46	Date and time of file creation	ontime3	9550.4511534572	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	9550.5332334638	Sum of GTIs [s]
			ontime6	9550.4921934605	Sum of GTIs [s]
			ontime7	9550.5742734671	Sum of GTIs [s]
			ontime8	9550.4101134837	Sum of GTIs [s]
			l1events	333098	Number of level 1 events

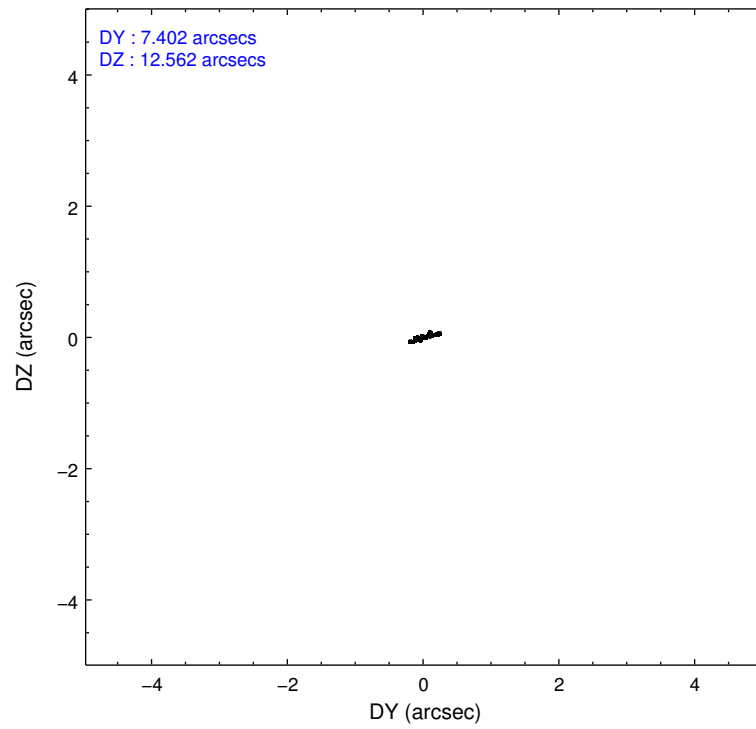
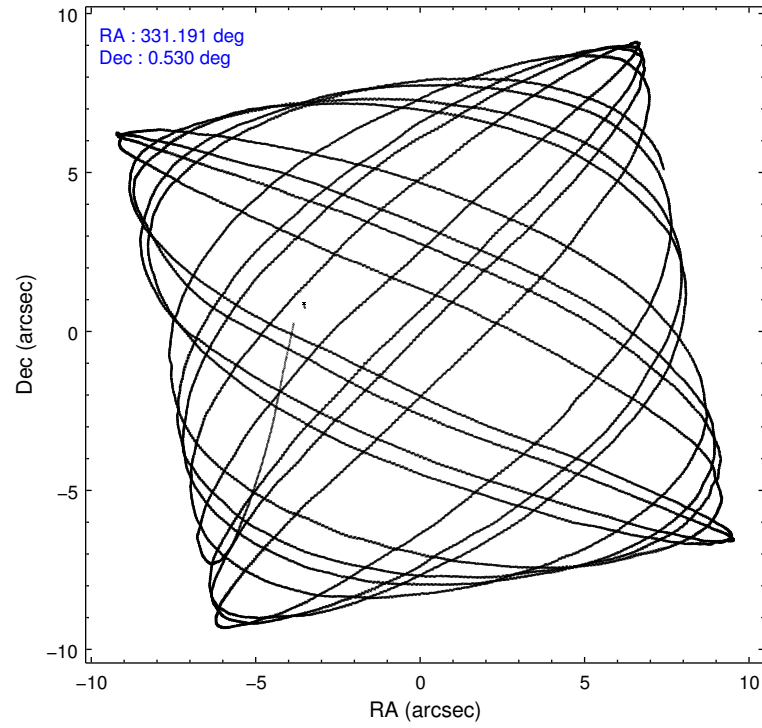
2.1.4 Events

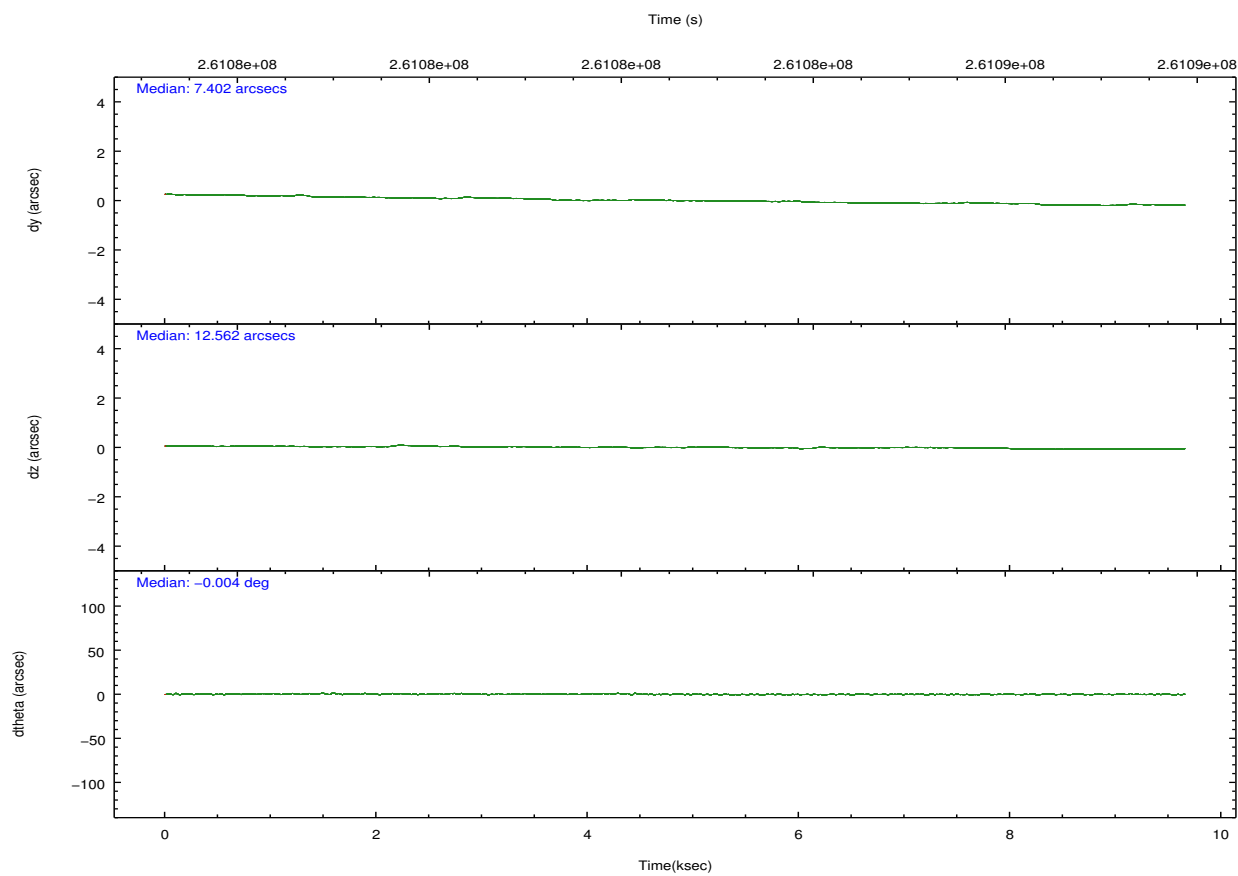
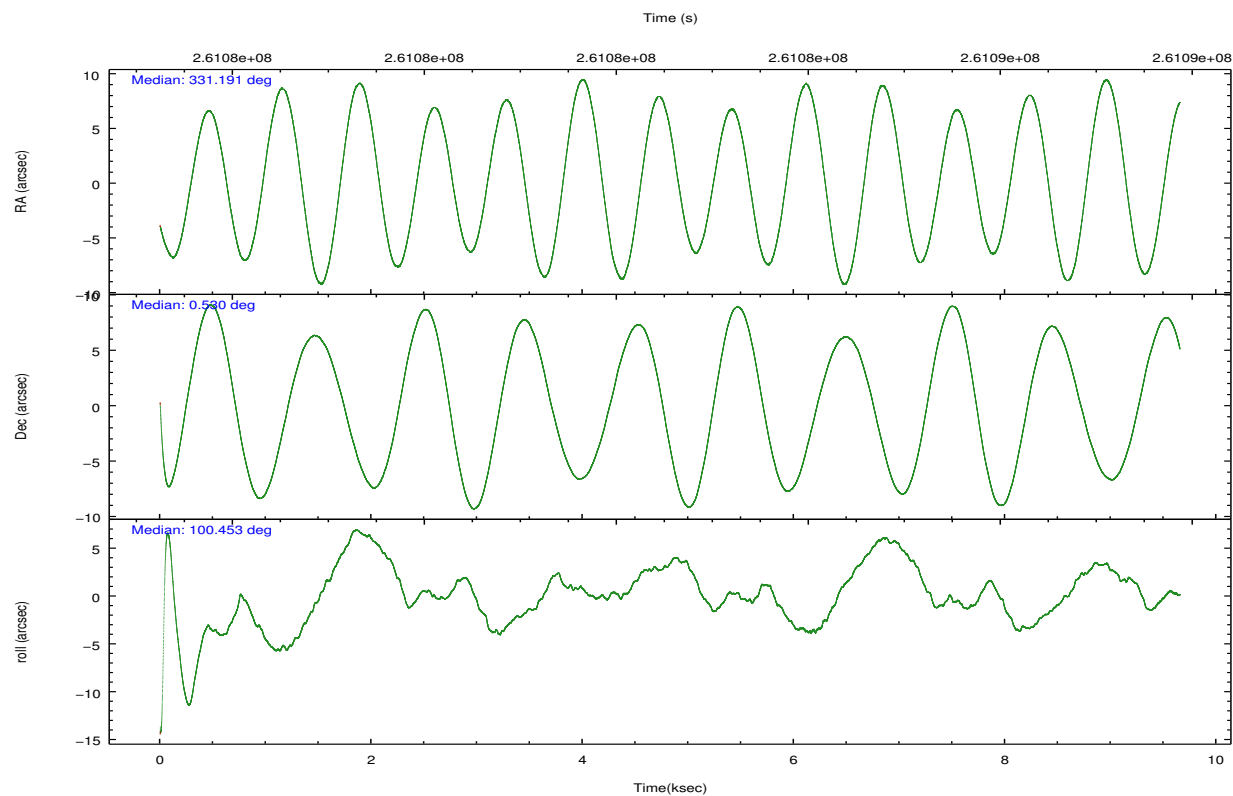
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	64401	56820	52264	56353	33610	69650	grade 0 events	2028	1919	4521	2217	2408	4998
rejected events	59415	52042	20831	51130	14368	51701		3%	3%	8%	3%	7%	7%
rejected %	92%	91%	39%	90%	42%	74%	grade 1 events	26	44	126	26	72	59
								0%	0%	0%	0%	0%	0%
							grade 2 events	1217	980	10408	1088	4598	4115
								1%	1%	19%	1%	13%	5%
							grade 3 events	527	549	1542	569	2067	2040
								0%	0%	2%	1%	6%	2%
							grade 4 events	565	565	1568	548	1946	1860
								0%	0%	3%	0%	5%	2%
							grade 5 events	952	1091	4414	1119	3596	1974
								1%	1%	8%	1%	10%	2%
							grade 6 events	650	766	13403	801	8228	4941
								1%	1%	25%	1%	24%	7%
							grade 7 events	58436	50906	16282	49985	10695	49663
								90%	89%	31%	88%	31%	71%

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	331.208538	331.1905489553076	Subarray requested	NONE	NONE
[deg] Pointing Dec	0.509381	0.5299059905095199	Alternating exposures requested	N	N
[deg] Pointing Roll	100.306833	100.463588977491	[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)	261077888.184000	261076879.40367			
Observation start date	2006-04-10T17:37:03	2006-04-10T17:21:19			
[s] Observation end time (MET)	261087388.184000	261088140.5667			
Observation end date	2006-04-10T20:15:23	2006-04-10T20:29:00			
Read mode	TIMED	TIMED			

2.3 Aspect



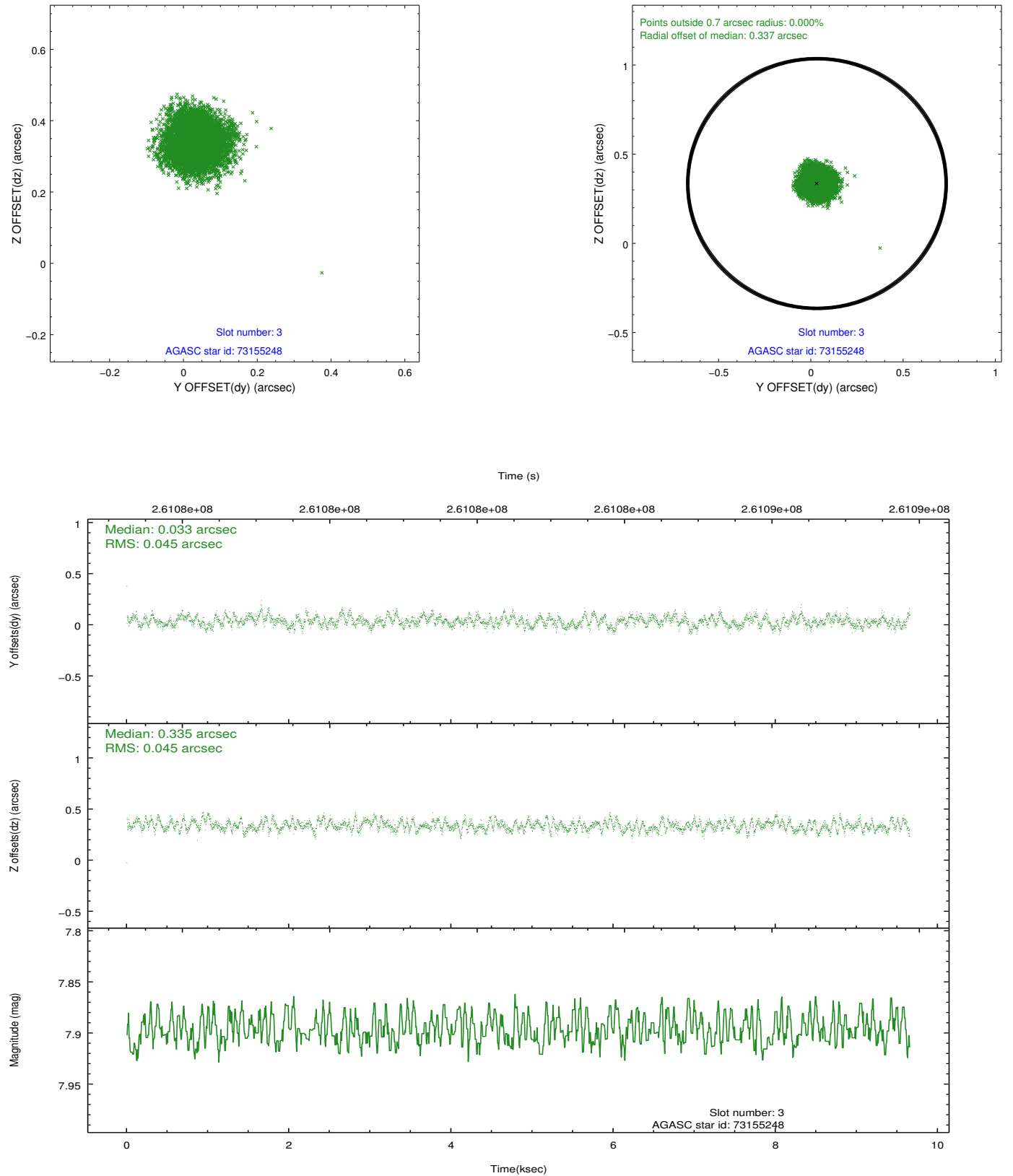


Slot Statistics

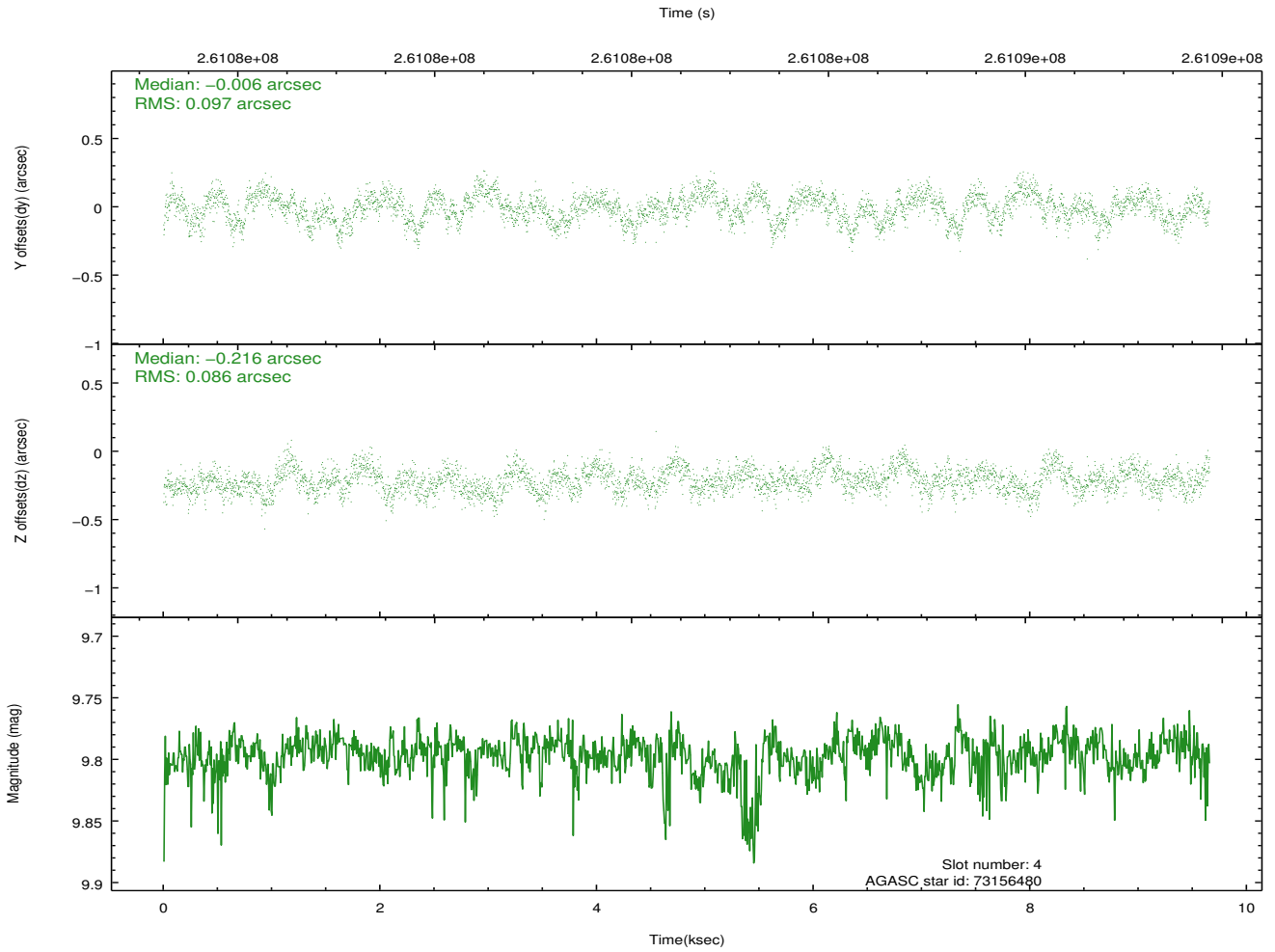
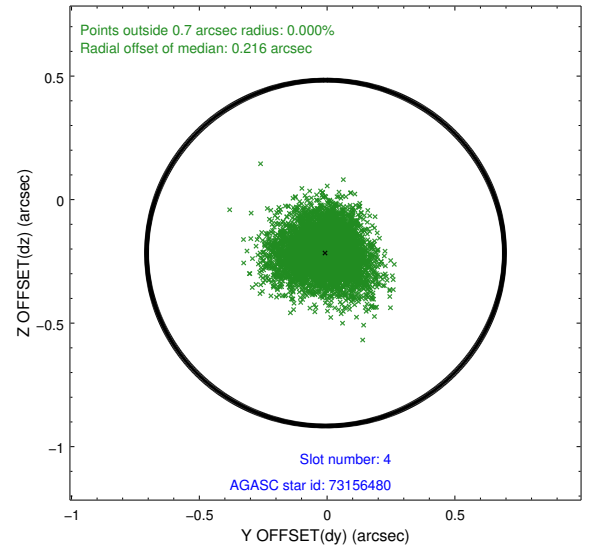
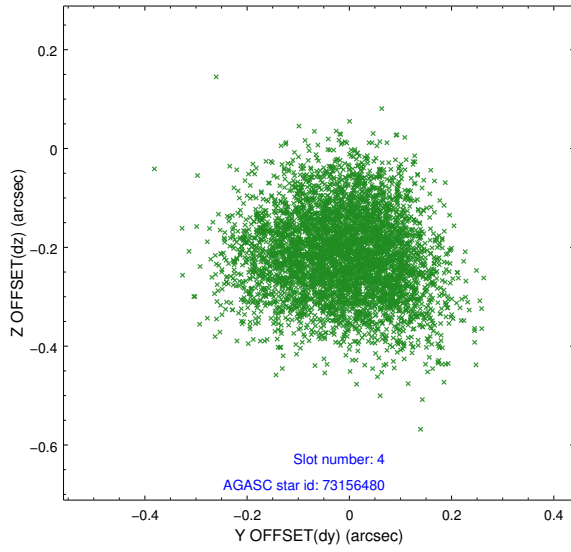
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	2356	-0.018	-0.040	0.011	0.017	0.000000	0.000000	-760.20	-1733.86
1	FID	ACIS-S-4	7.20	2356	0.081	0.020	0.012	0.021	0.000000	0.000000	2152.93	174.09
2	FID	ACIS-S-5	7.23	2354	-0.094	0.029	0.008	0.014	0.000000	0.000000	-1812.39	168.43
3	GUIDE	73155248	7.90	4711	0.033	0.335	0.069	0.106	331.348846	0.261149	-969.40	-336.89
4	GUIDE	73156480	9.80	4704	-0.006	-0.216	0.138	0.222	330.683348	0.660842	874.37	1762.37
5	GUIDE	73159896	6.91	4711	-0.065	0.158	0.065	0.108	331.383933	0.627581	305.97	-696.66
6	GUIDE	73156984	6.50	4711	0.118	-0.481	0.038	0.062	330.734838	0.069881	-1251.64	1960.08
7	GUIDE	73152248	8.78	4707	-0.080	0.206	0.076	0.123	331.435540	0.805676	902.93	-994.43

2.4 Star Slots

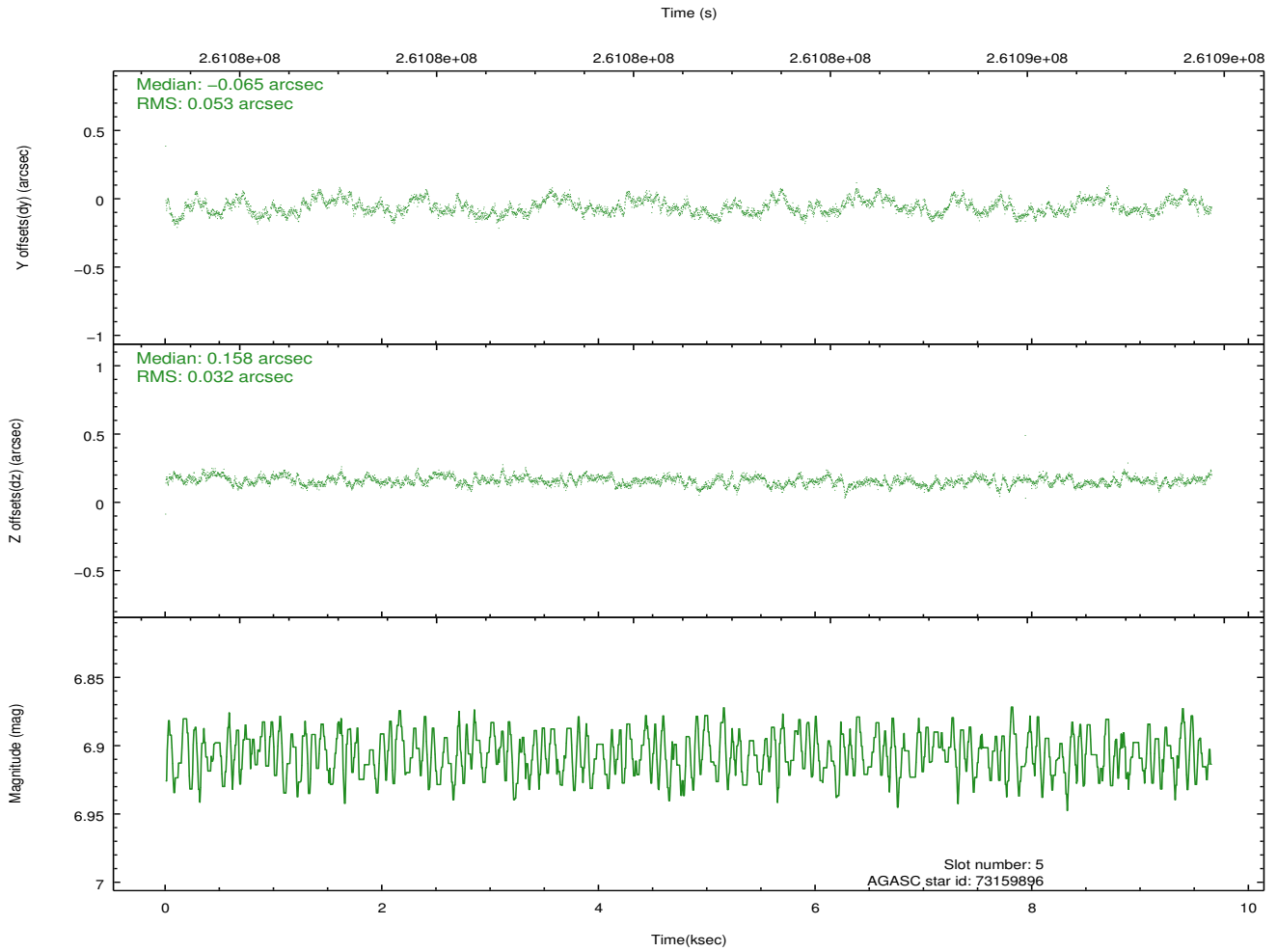
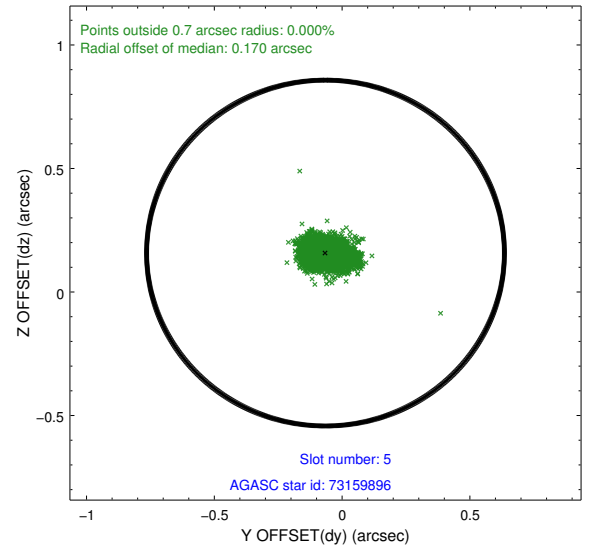
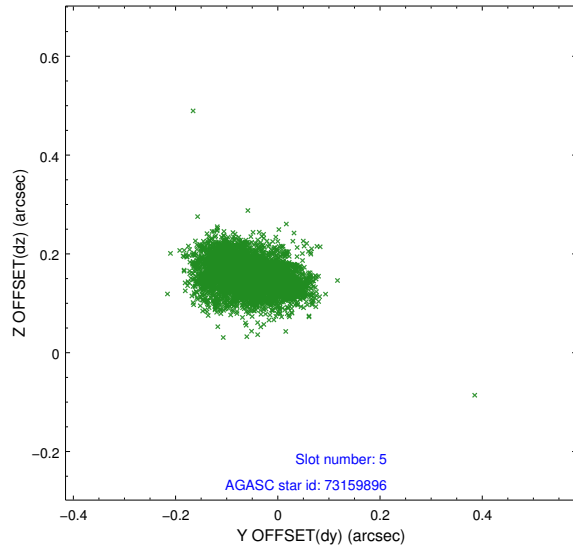
2.4.1 Slot 3



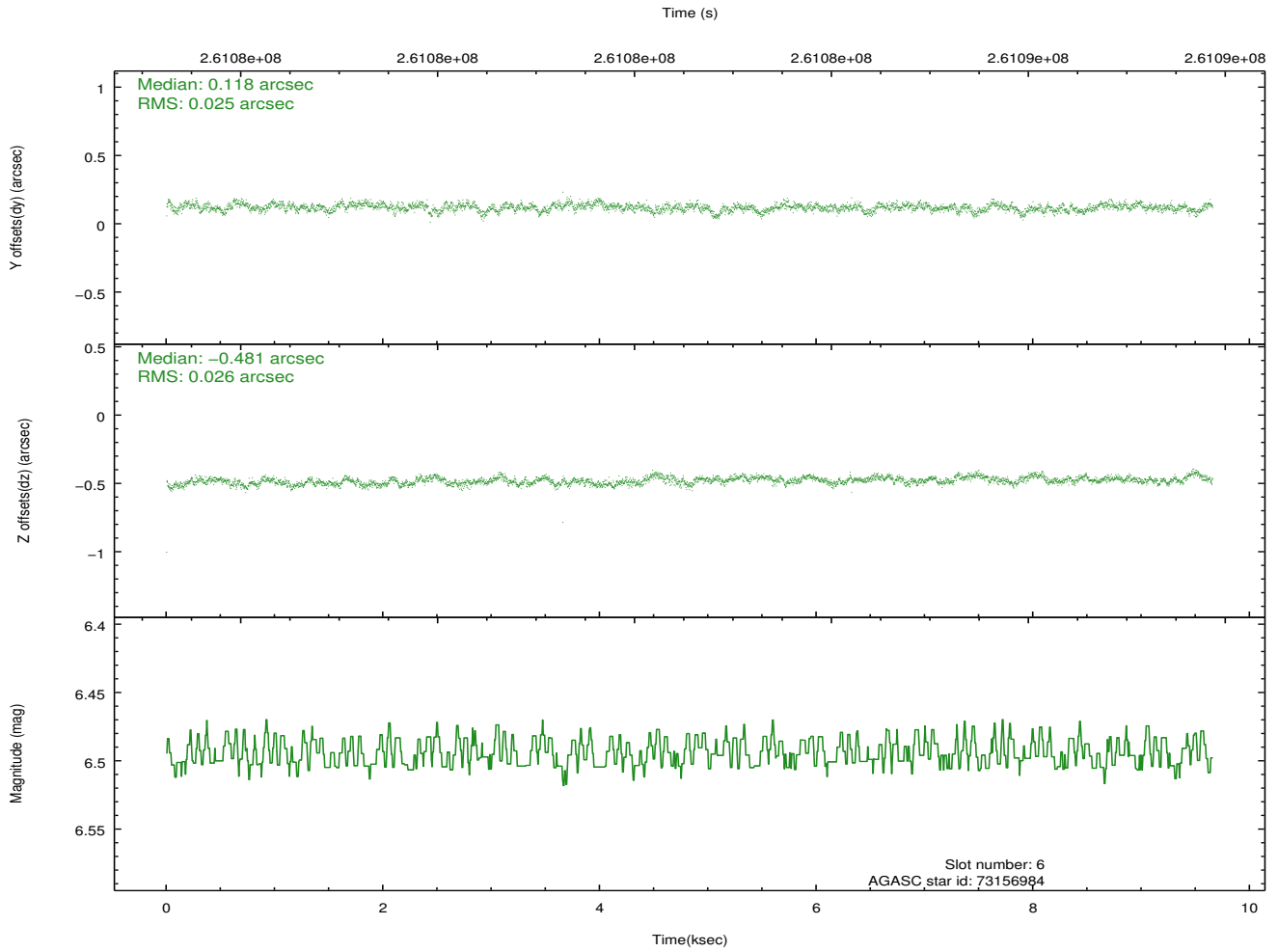
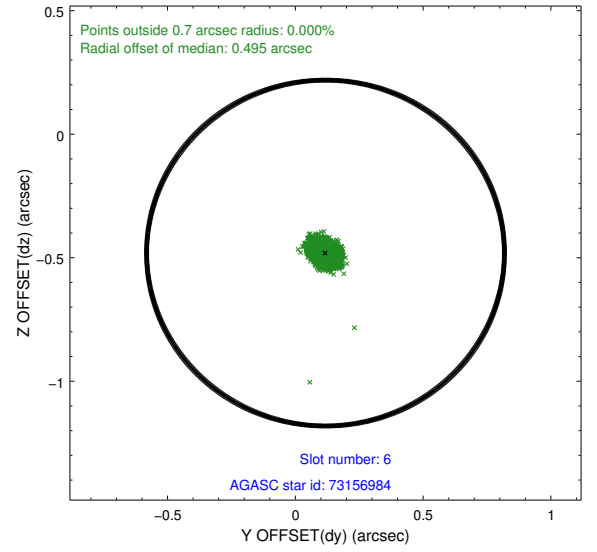
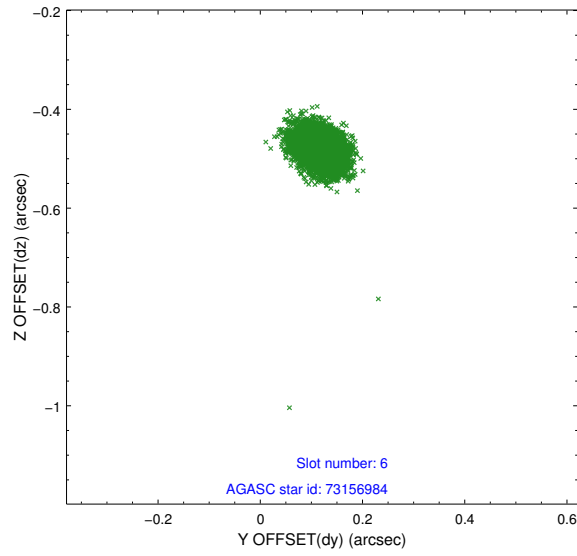
2.4.2 Slot 4



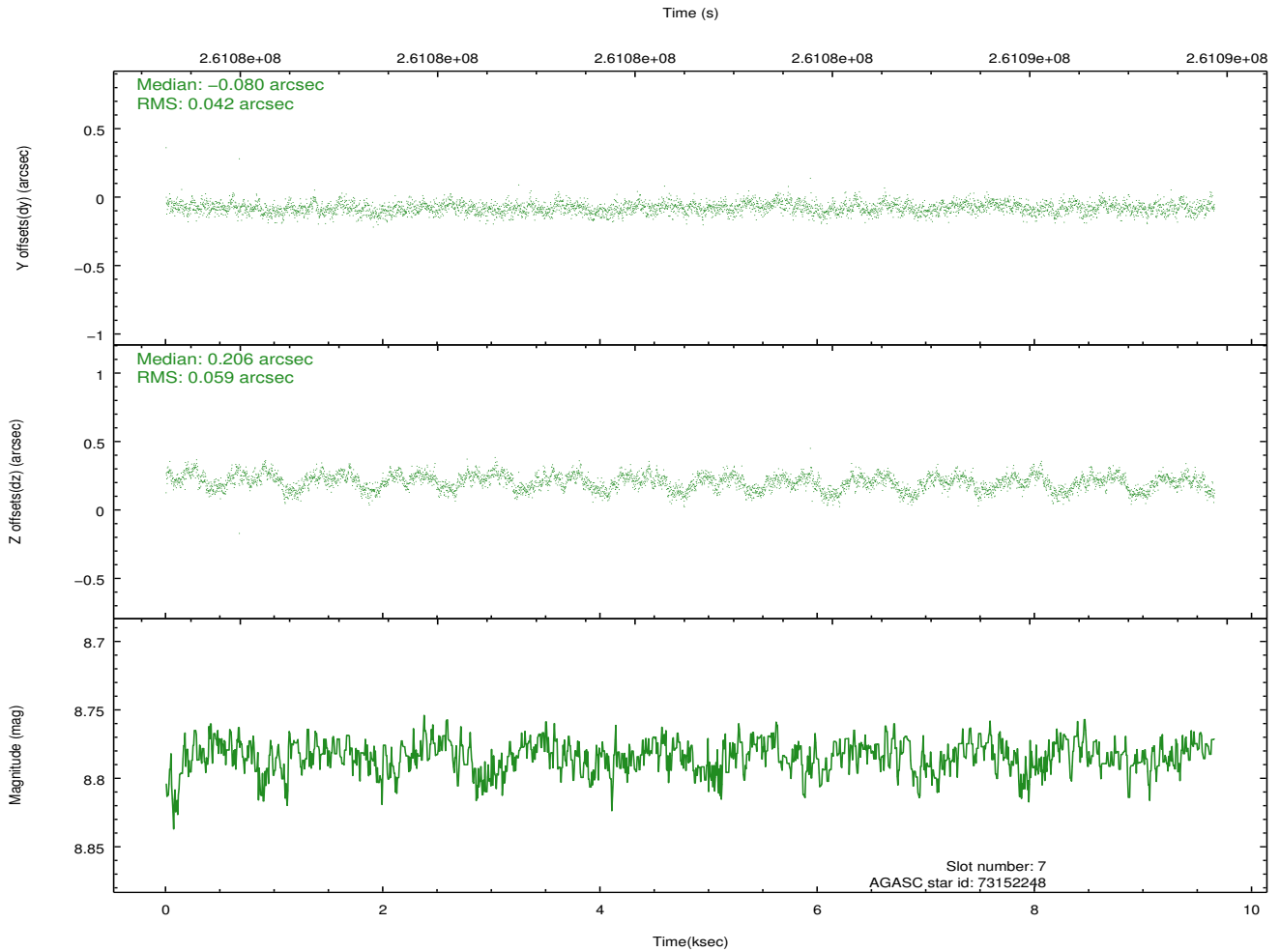
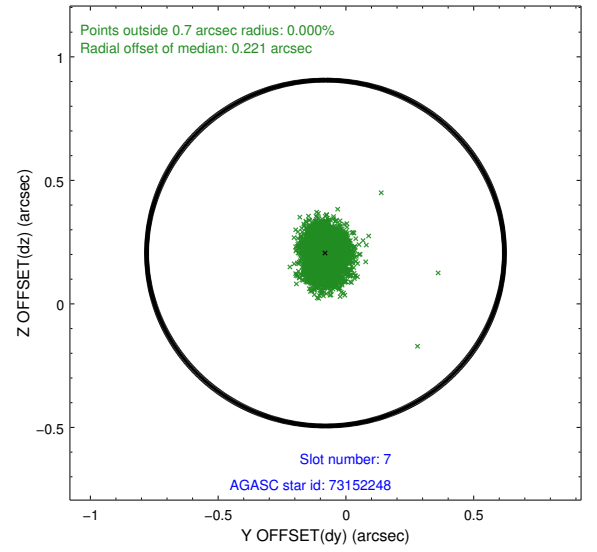
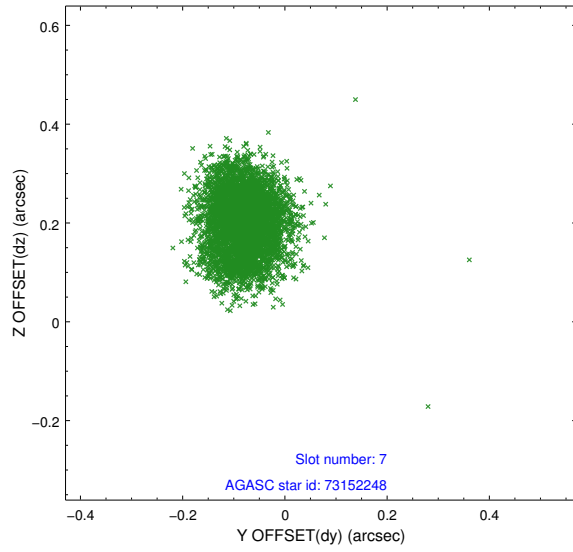
2.4.3 Slot 5



2.4.4 Slot 6

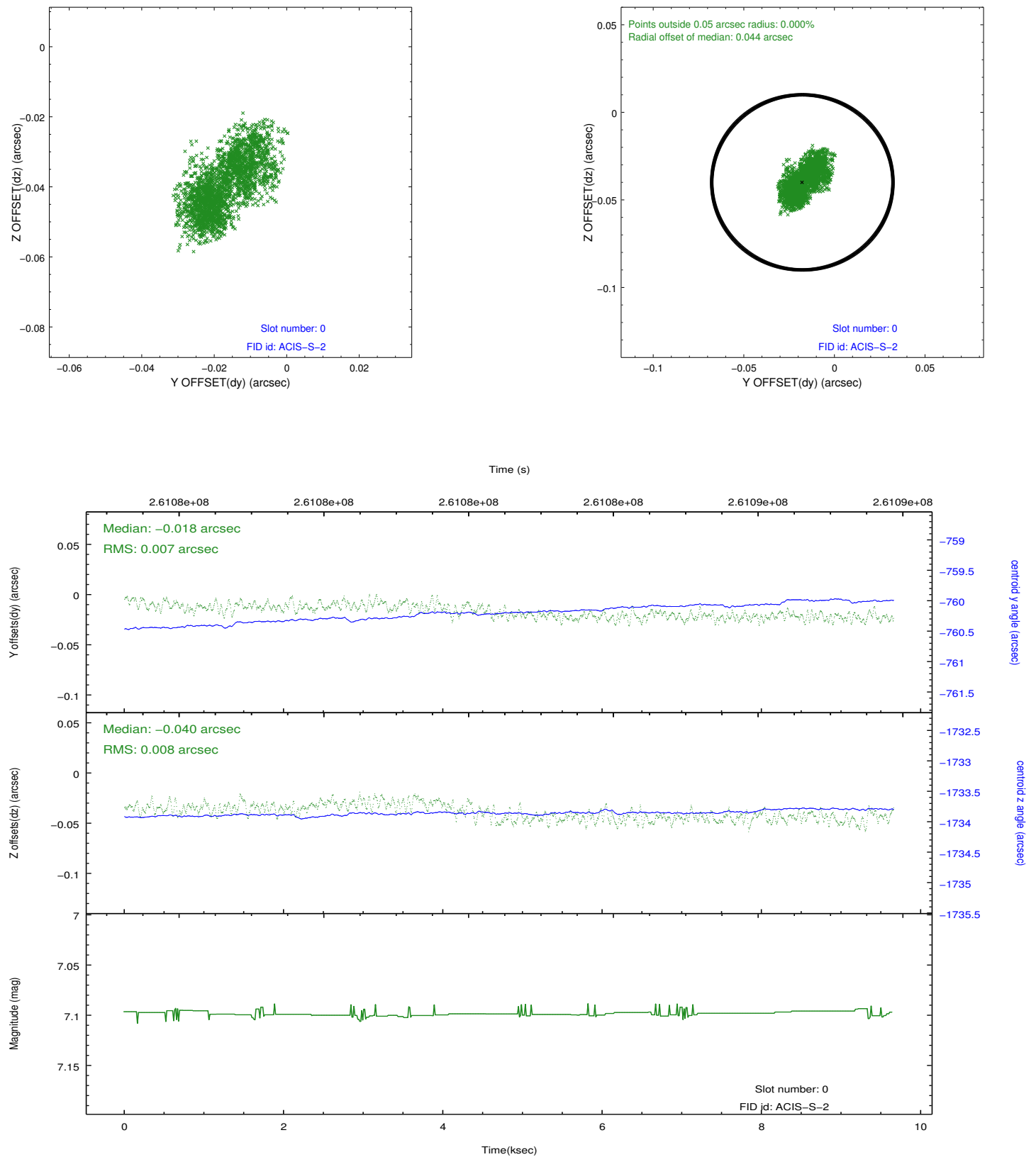


2.4.5 Slot 7

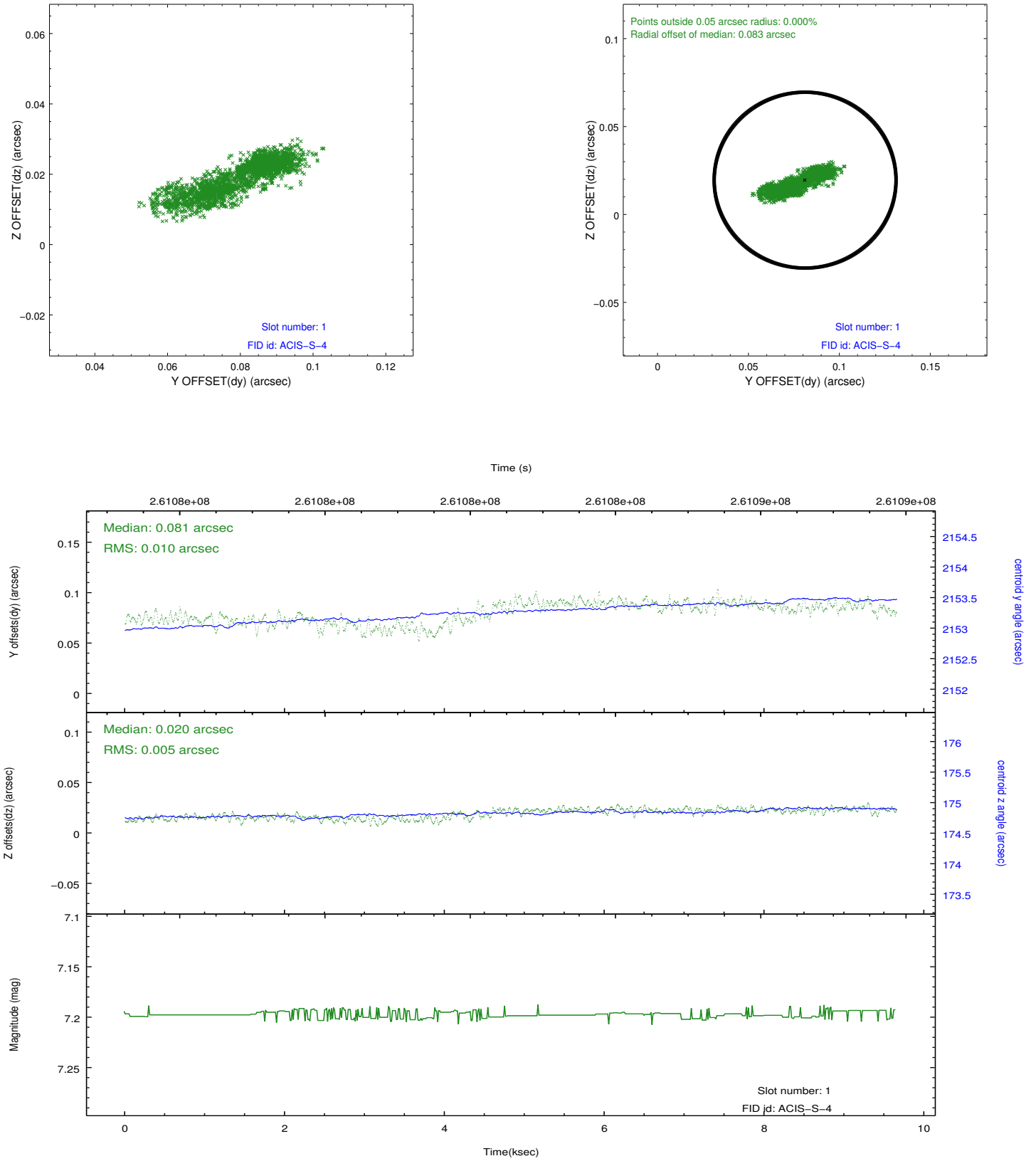


2.5 FID Slots

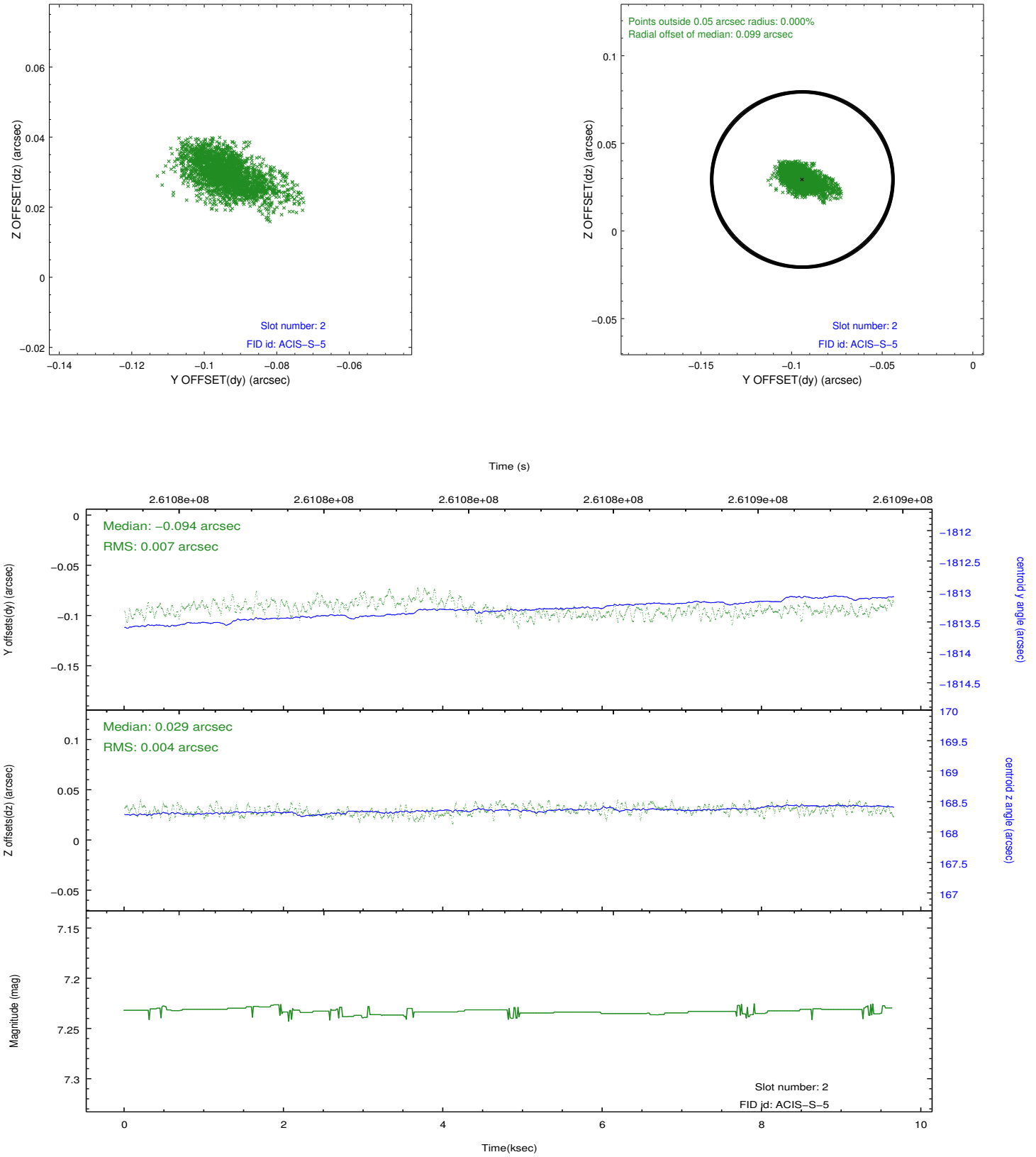
2.5.1 Slot 0



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)	2012.03.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.55199996

A.2 Comments