

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2185 - L2 Version 3
Chandra X-Ray Center

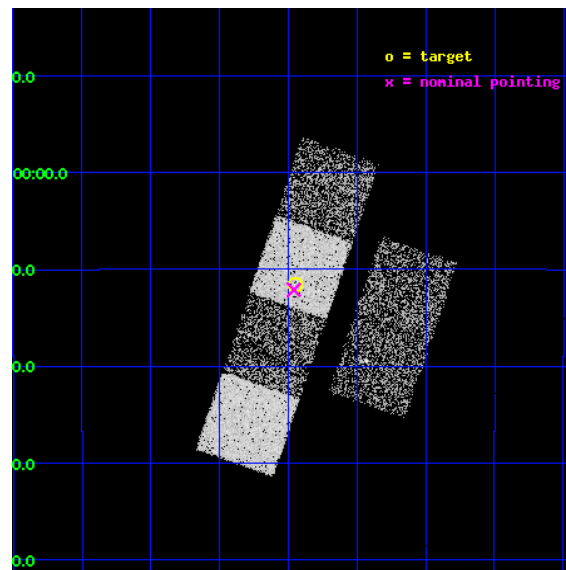
L2 Processing Date : Sep 29 2012

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1 Front

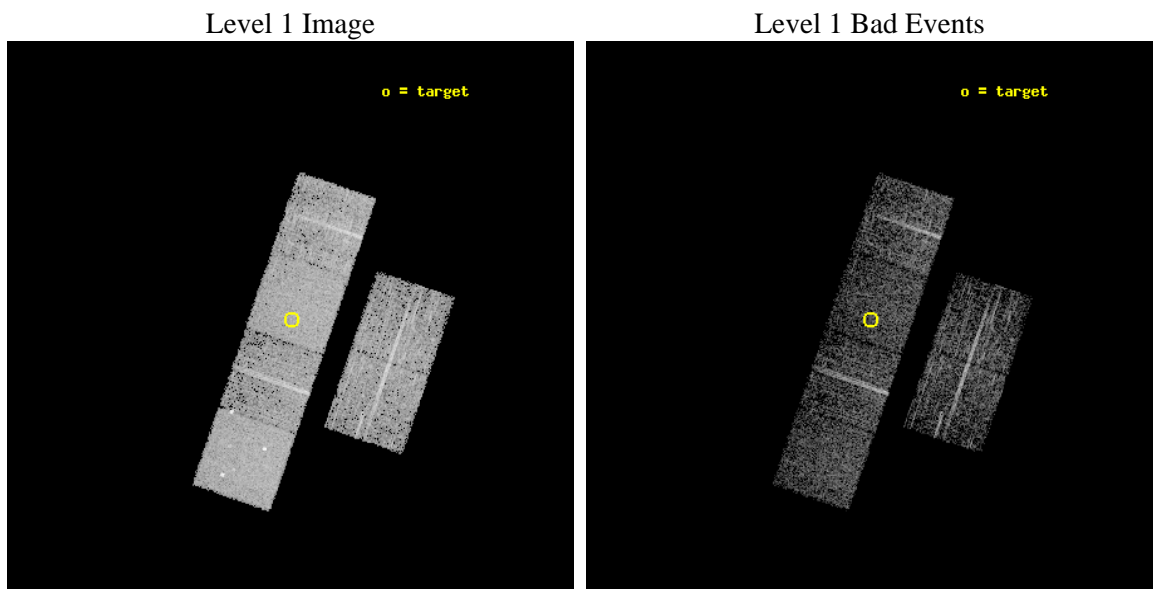
seq_num	700375	Sequence number
obs_id	2185	Observation id
title	SURVEY OF RADIO QUIET Z>4 QUASARS	Proposal title
observer	Dr. Jill Bechtold	Principal investigator
object	BRI 2212-1626	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	333.863333	Observer's specified target RA [deg]
dec_targ	-16.1925	Observer's specified target Dec [deg]
ra_nom	333.86479159013	Nominal RA [deg]
dec_nom	-16.202105594532	Nominal Dec [deg]
roll_nom	288.94867992984	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3263.959032774	Sum of GTIs [s]
livetime	3222.6288181808	Livetime [s]
ontime2	3263.959032774	Sum of GTIs [s]
ontime3	3267.2000030279	Sum of GTIs [s]
ontime5	3260.7180126905	Sum of GTIs [s]
ontime6	3267.2000030279	Sum of GTIs [s]
ontime7	3263.959032774	Sum of GTIs [s]
ontime8	3267.2000030279	Sum of GTIs [s]
l2events	36074	Number of level 2 events



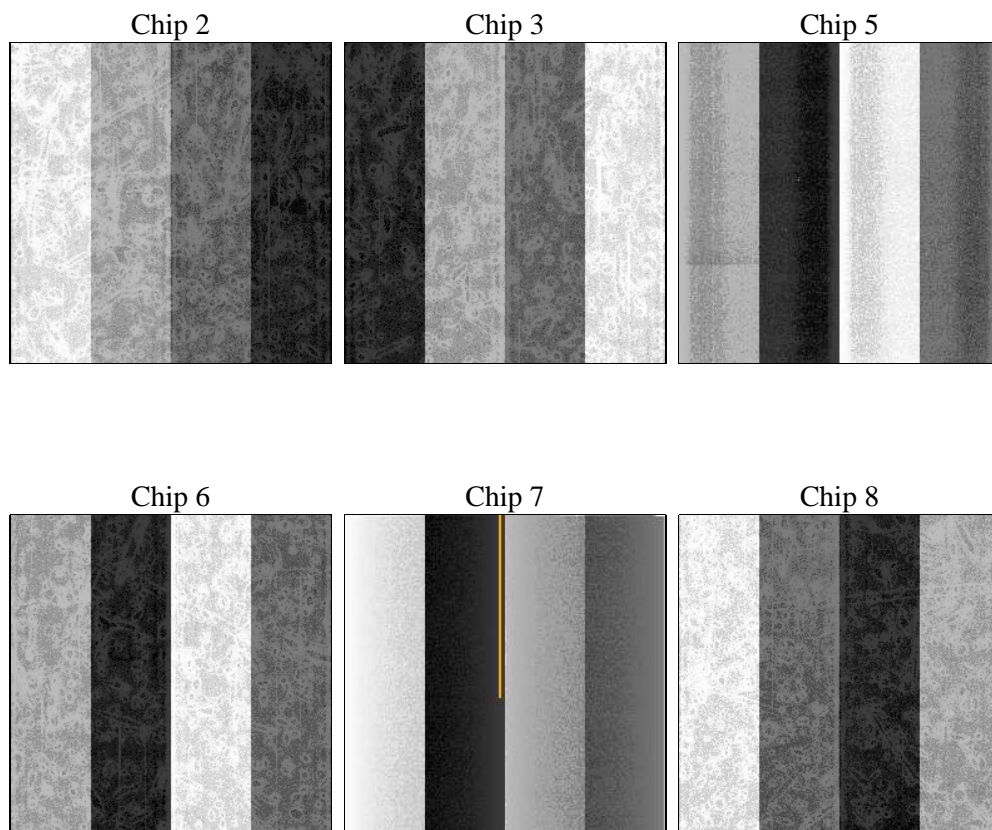
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	3100.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	3263.959032774	Sum of GTIs [s]
caldsver	4.5.2	 	ontime2	3263.959032774	Sum of GTIs [s]
date	2012-09-29T01:56:20	Date and time of file creation	ontime3	3267.2000030279	Sum of GTIs [s]
revision	3	Processing version of data	ontime5	3260.7180126905	Sum of GTIs [s]
			ontime6	3267.2000030279	Sum of GTIs [s]
			ontime7	3263.959032774	Sum of GTIs [s]
			ontime8	3267.2000030279	Sum of GTIs [s]
			l1events	159758	Number of level 1 events

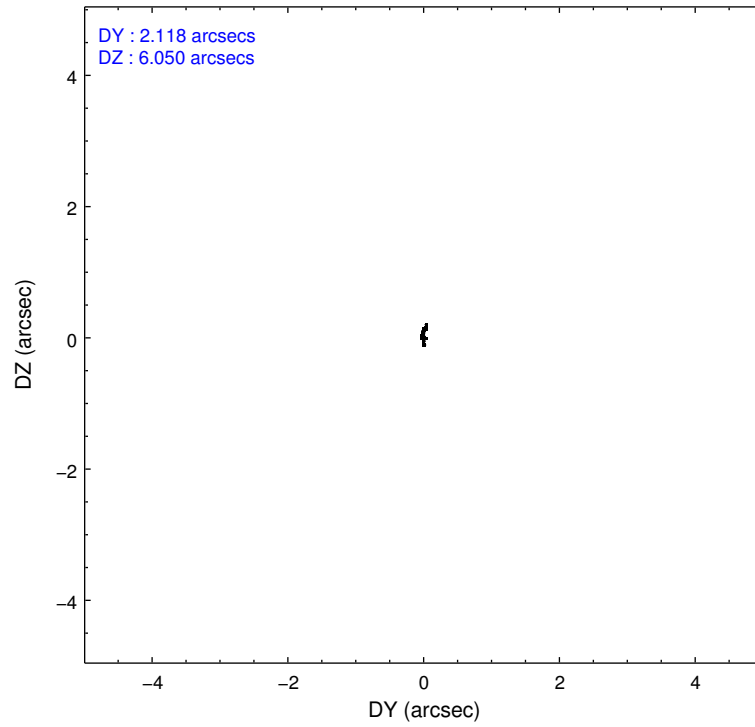
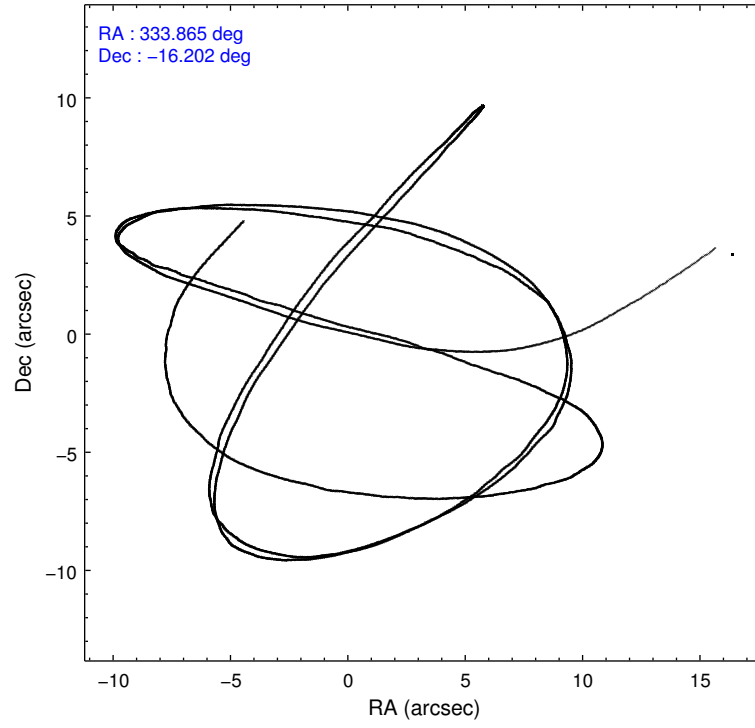
2.1.4 Events

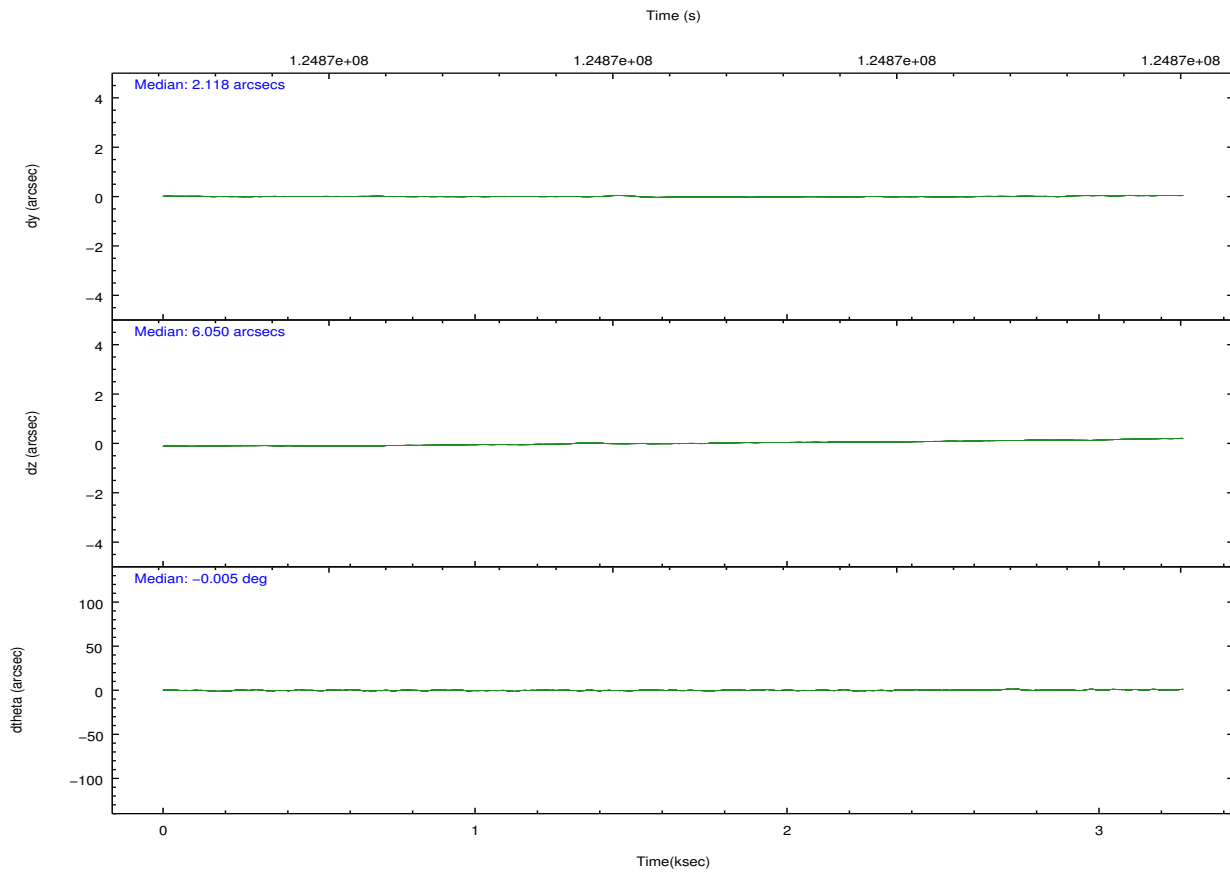
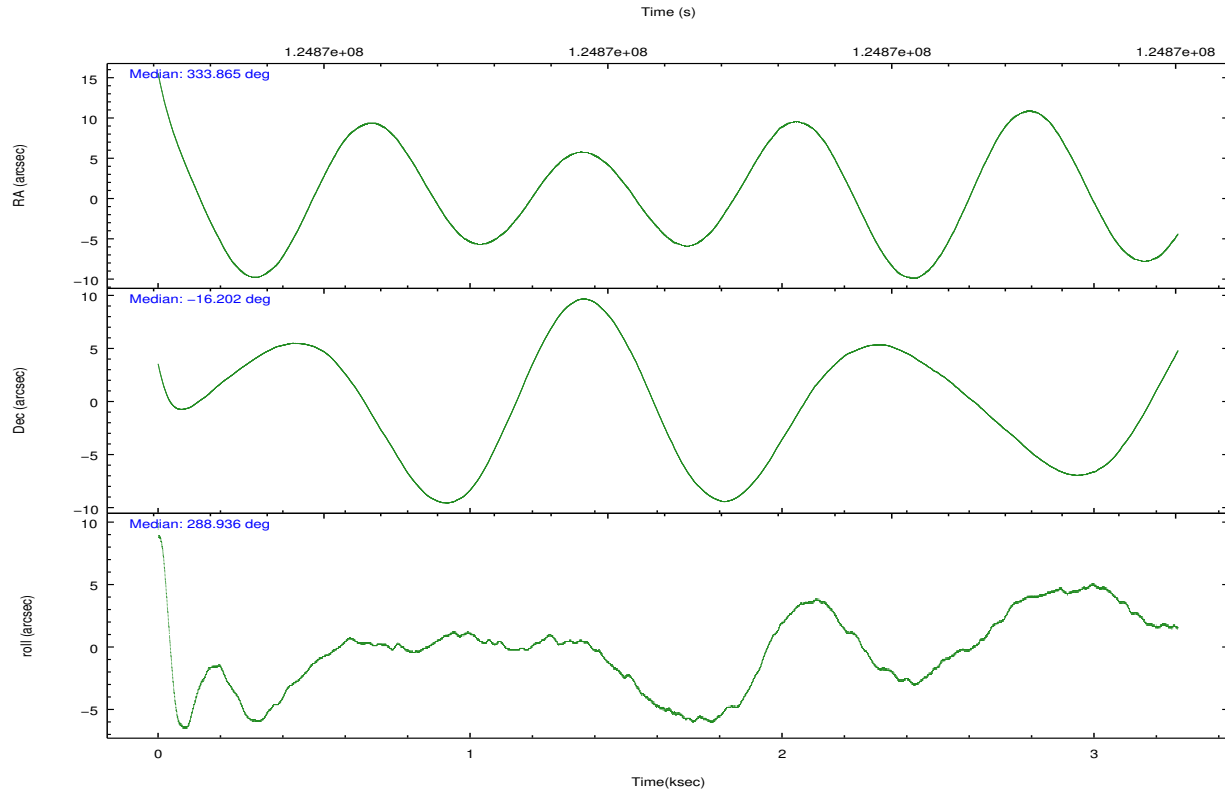
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	22418	21800	33519	22937	29800	29284	grade 0 events	1192	1086	2509	1191	1293	2206
rejected events	19729	19355	17483	20165	16972	22561		5%	4%	7%	5%	4%	7%
rejected %	88%	88%	52%	87%	56%	77%	grade 1 events	22	10	84	10	36	22
								0%	0%	0%	0%	0%	0%
							grade 2 events	589	481	4532	585	2552	1287
								2%	2%	13%	2%	8%	4%
							grade 3 events	232	249	660	260	1127	919
								1%	1%	1%	1%	3%	3%
							grade 4 events	229	250	690	284	1175	816
								1%	1%	2%	1%	3%	2%
							grade 5 events	714	821	2361	958	2677	1233
								3%	3%	7%	4%	8%	4%
							grade 6 events	483	409	7929	500	6869	1597
								2%	1%	23%	2%	23%	5%
							grade 7 events	18957	18494	14754	19149	14071	21204
								84%	84%	44%	83%	47%	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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	333.843249	333.8647915901332	Subarray requested	NONE	NONE
[deg] Pointing Dec	-16.184447	-16.20210559453198	Alternating exposures requested	N	N
[deg] Pointing Roll	288.785998	288.9486799298376	[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)	124867746.184000	124866659.11965			
Observation start date	2001-12-16T05:28:02	2001-12-16T05:10:59			
[s] Observation end time (MET)	124870846.184000	124871560.15735			
Observation end date	2001-12-16T06:19:42	2001-12-16T06:32:40			
Read mode	TIMED	TIMED			

2.3 Aspect



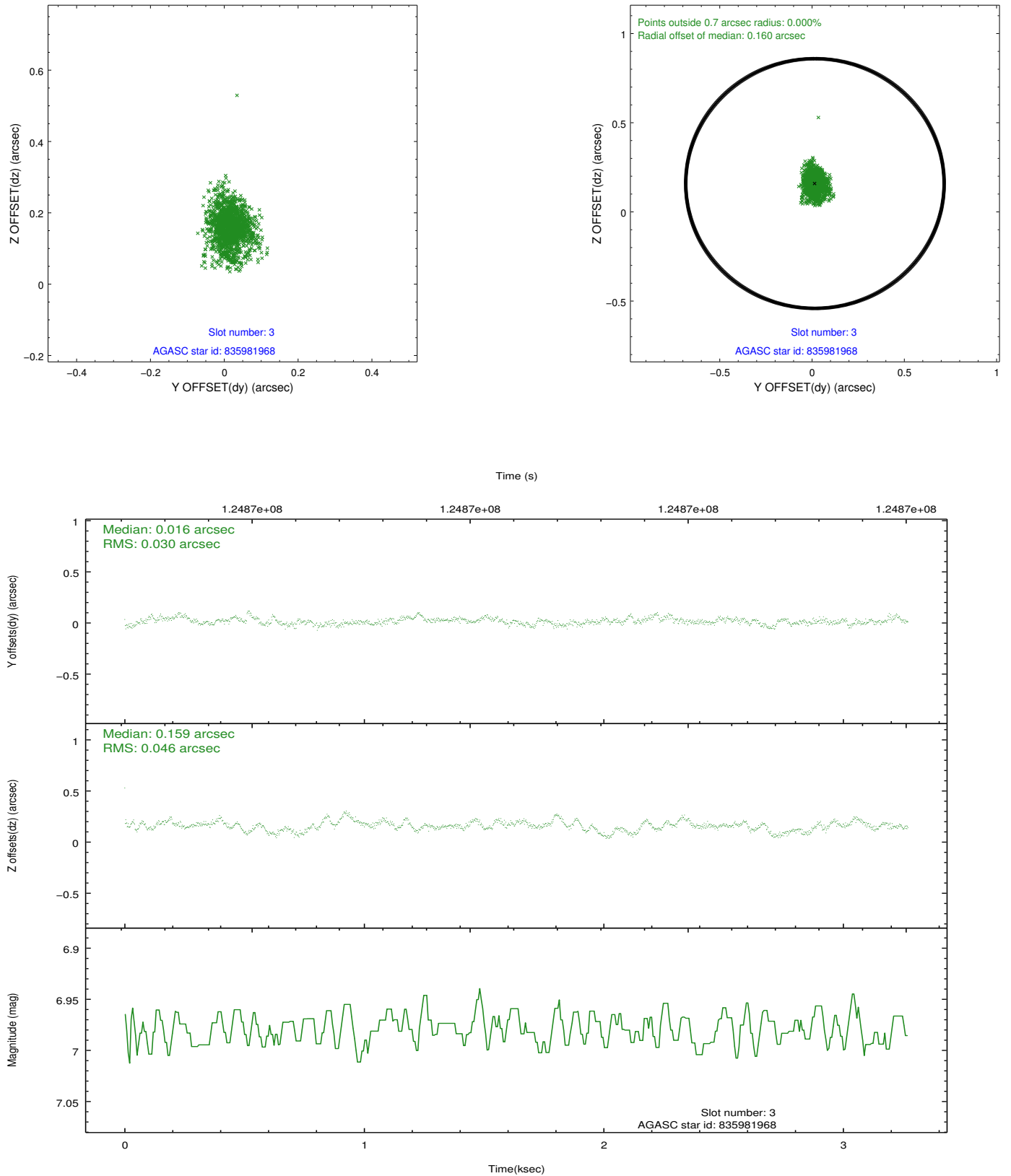


Slot Statistics

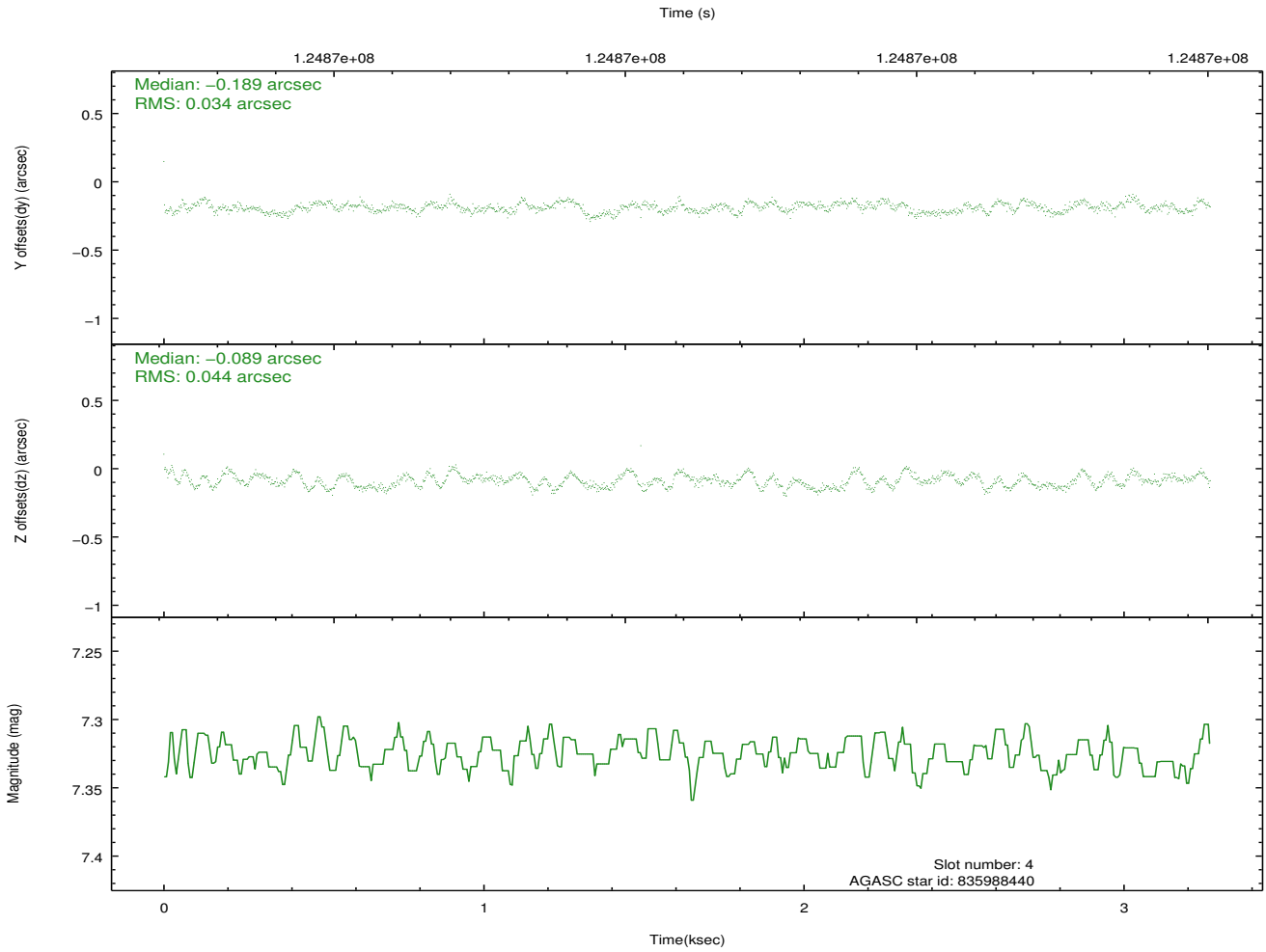
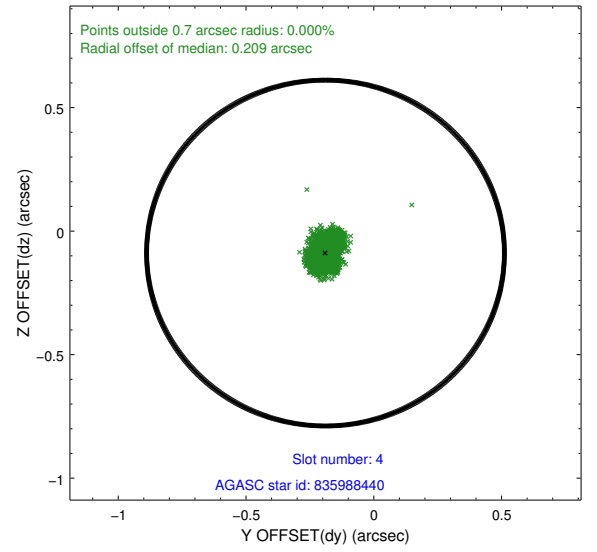
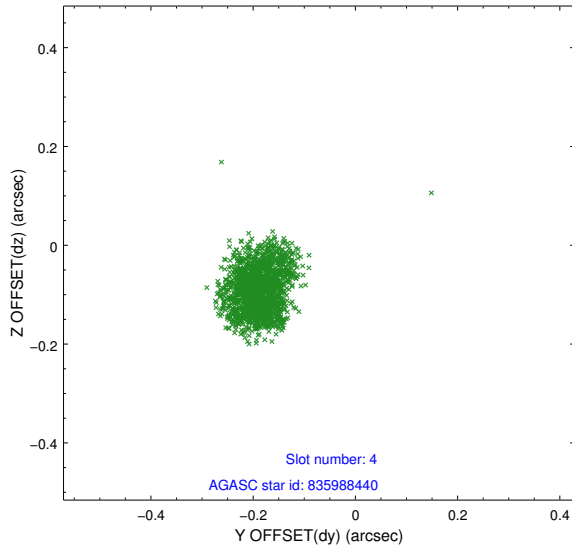
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	795	-0.049	0.002	0.006	0.010	0.000000	0.000000	-754.74	-1727.17
1	FID	ACIS-S-4	7.21	794	-0.007	0.023	0.006	0.010	0.000000	0.000000	2157.65	179.40
2	FID	ACIS-S-5	7.24	797	0.025	-0.016	0.006	0.011	0.000000	0.000000	-1805.05	175.15
3	GUIDE	835981968	6.98	1591	0.016	0.159	0.055	0.098	334.363293	-15.979762	-115.85	1941.05
4	GUIDE	835988440	7.33	1592	-0.189	-0.089	0.060	0.090	333.684848	-15.701568	-1822.17	41.15
5	GUIDE	835989144	9.36	1590	0.032	0.113	0.096	0.150	334.448722	-15.932657	-181.46	2275.76
6	GUIDE	835847056	9.28	1593	-0.016	-0.110	0.097	0.155	333.278171	-16.621840	866.44	-2351.47
7	GUIDE	835979456	9.67	1592	0.155	-0.066	0.112	0.179	333.600986	-16.609366	1181.00	-1284.87

2.4 Star Slots

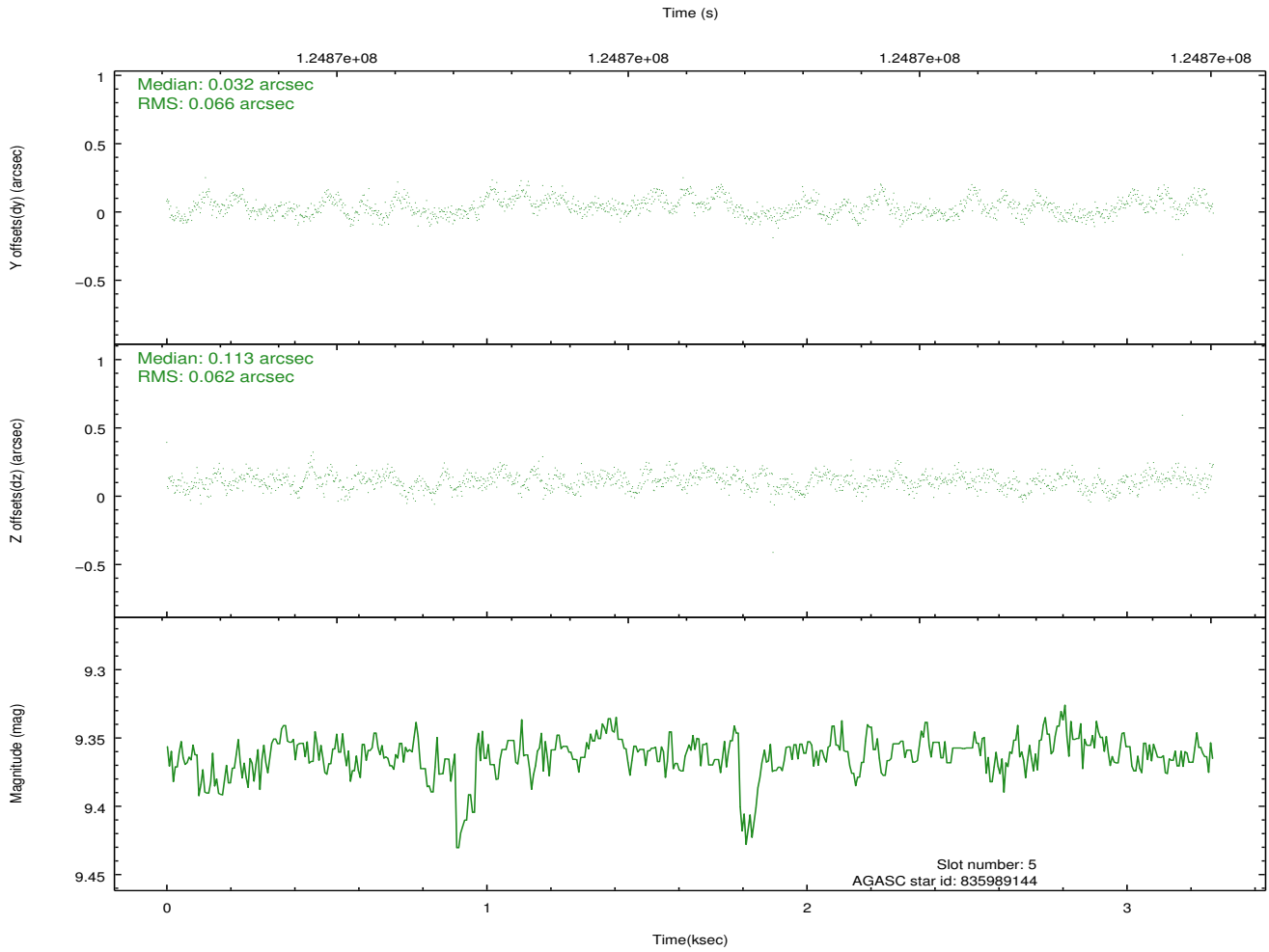
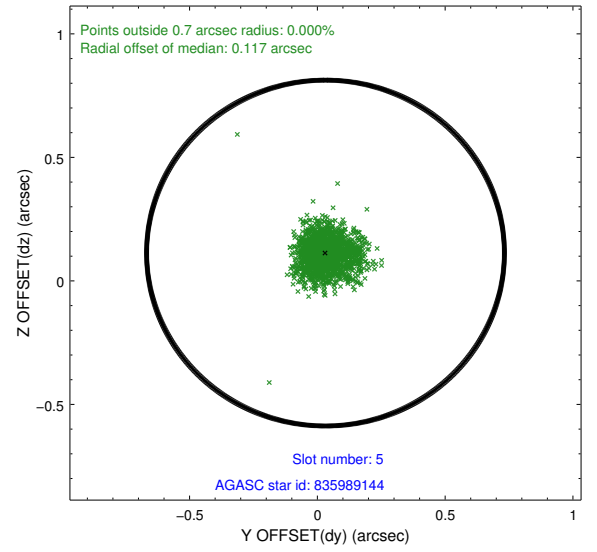
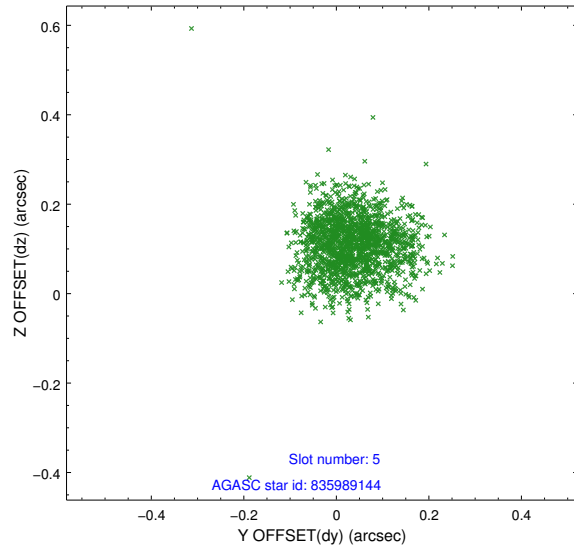
2.4.1 Slot 3



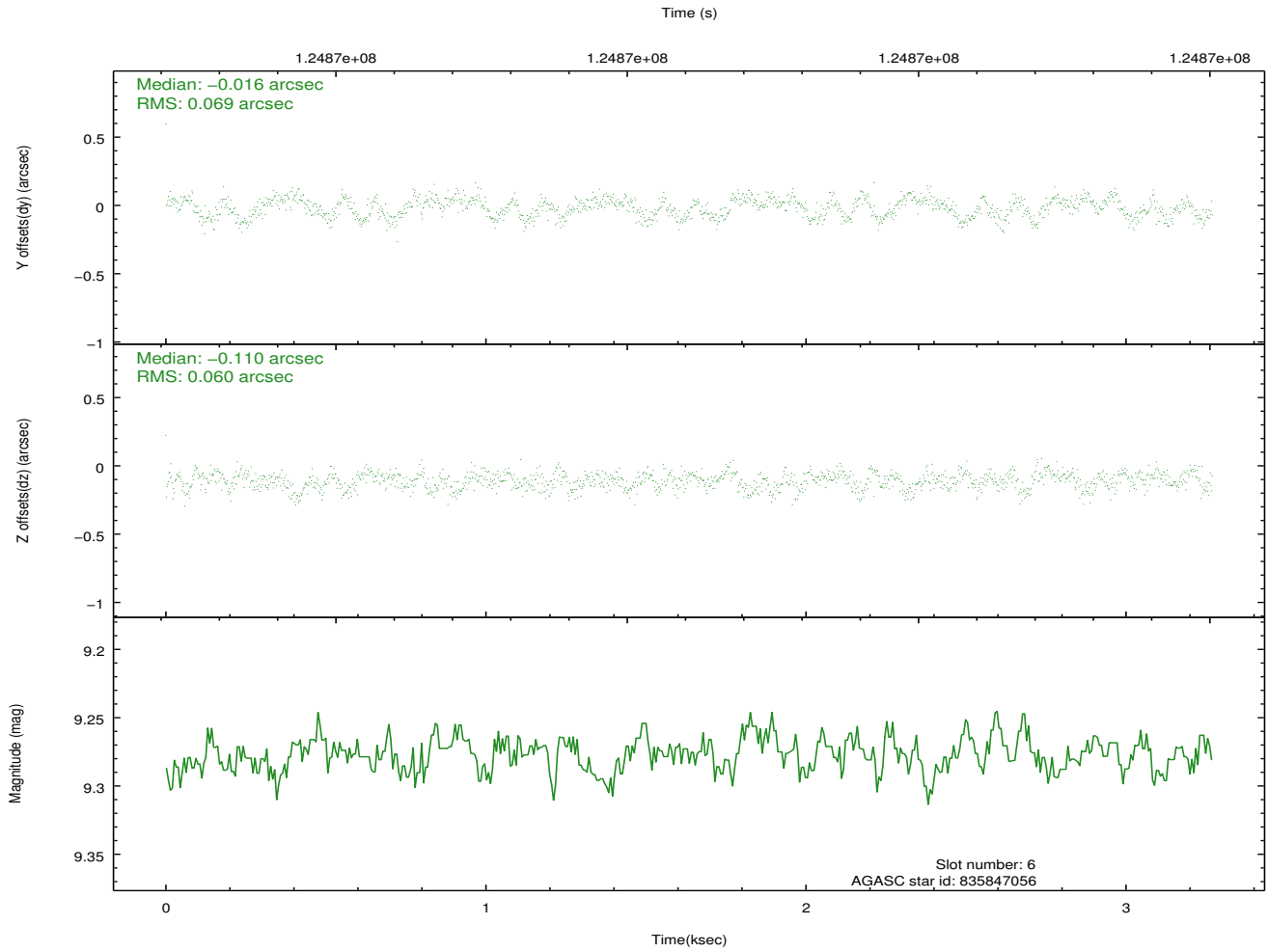
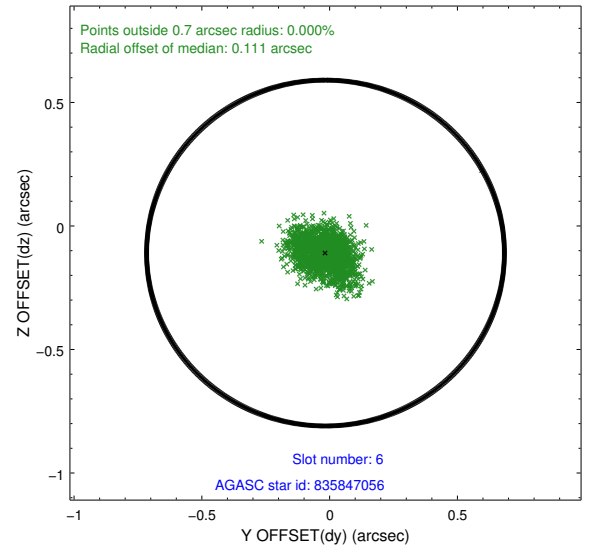
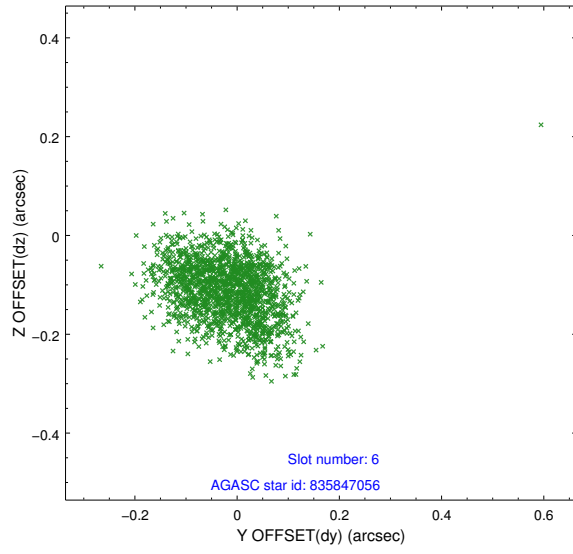
2.4.2 Slot 4



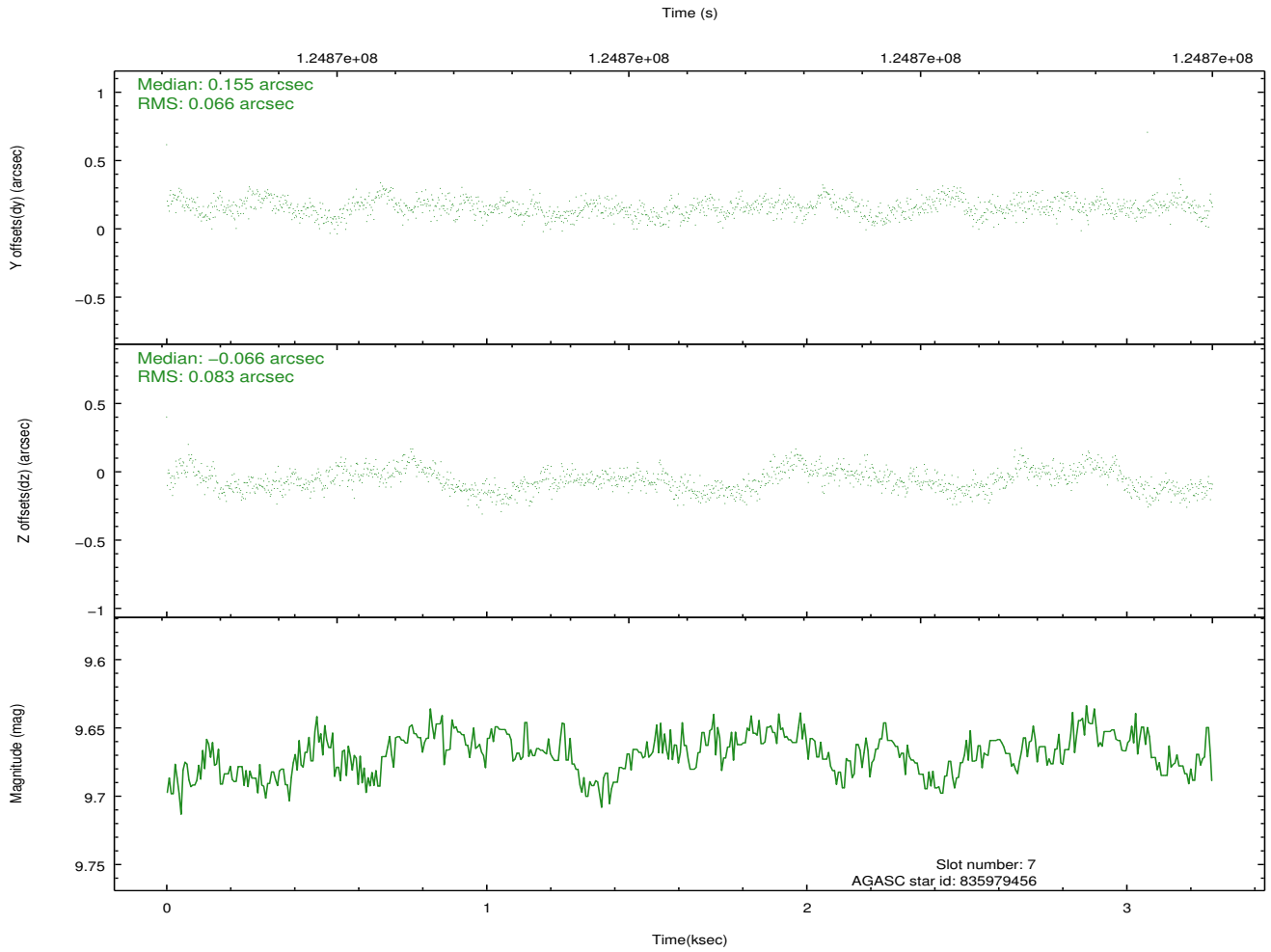
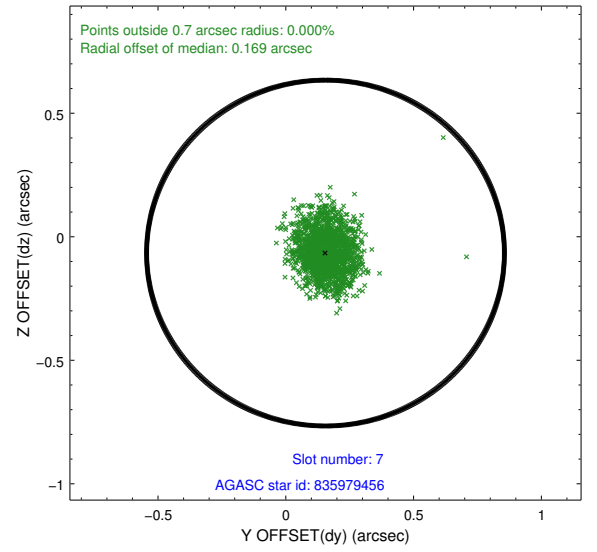
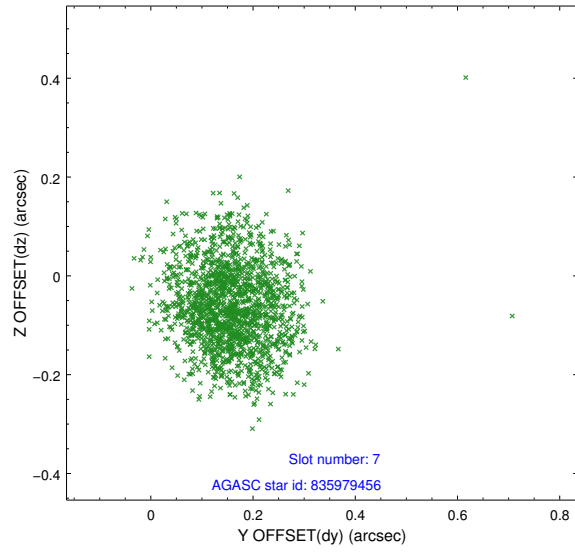
2.4.3 Slot 5



2.4.4 Slot 6

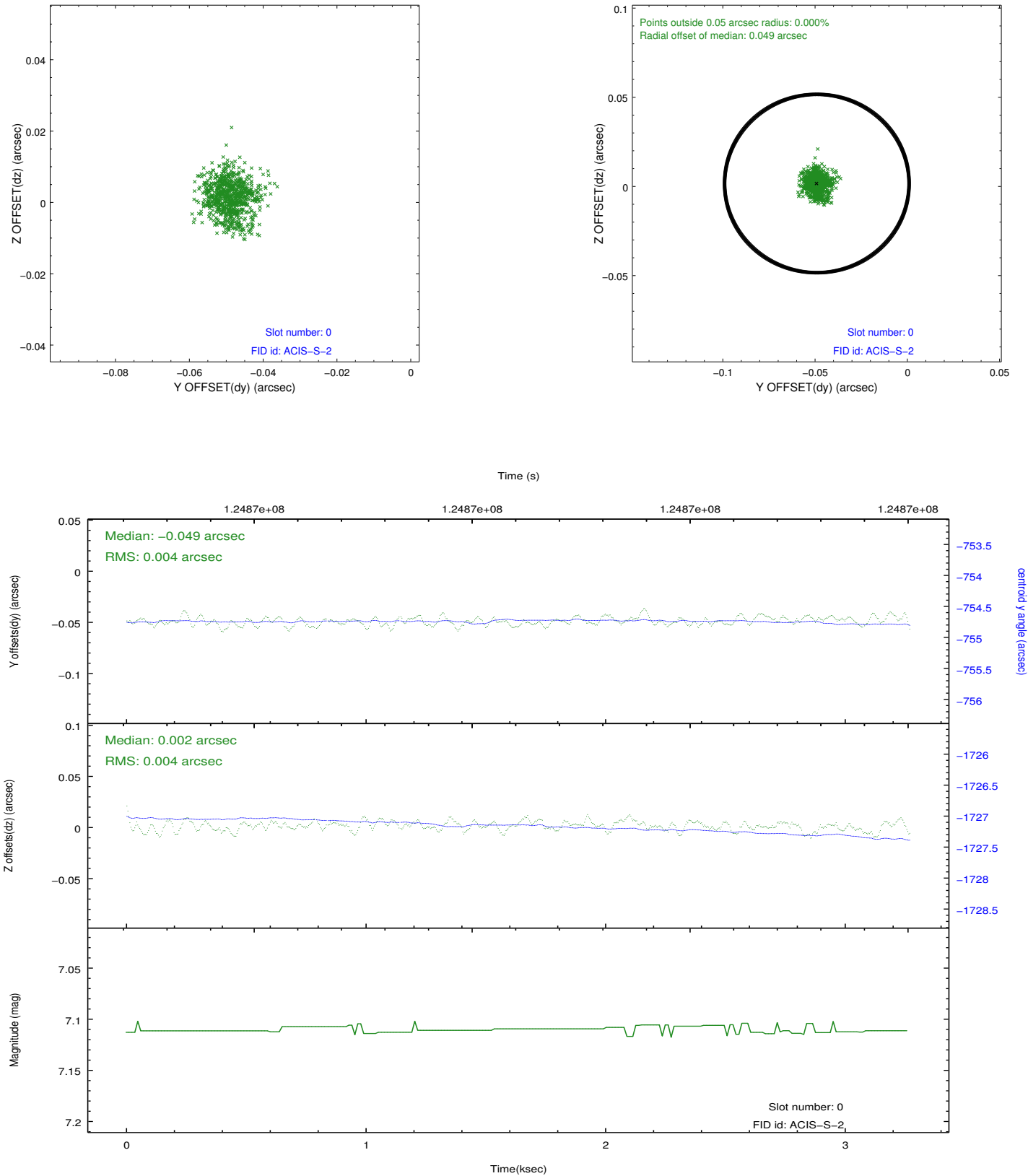


2.4.5 Slot 7

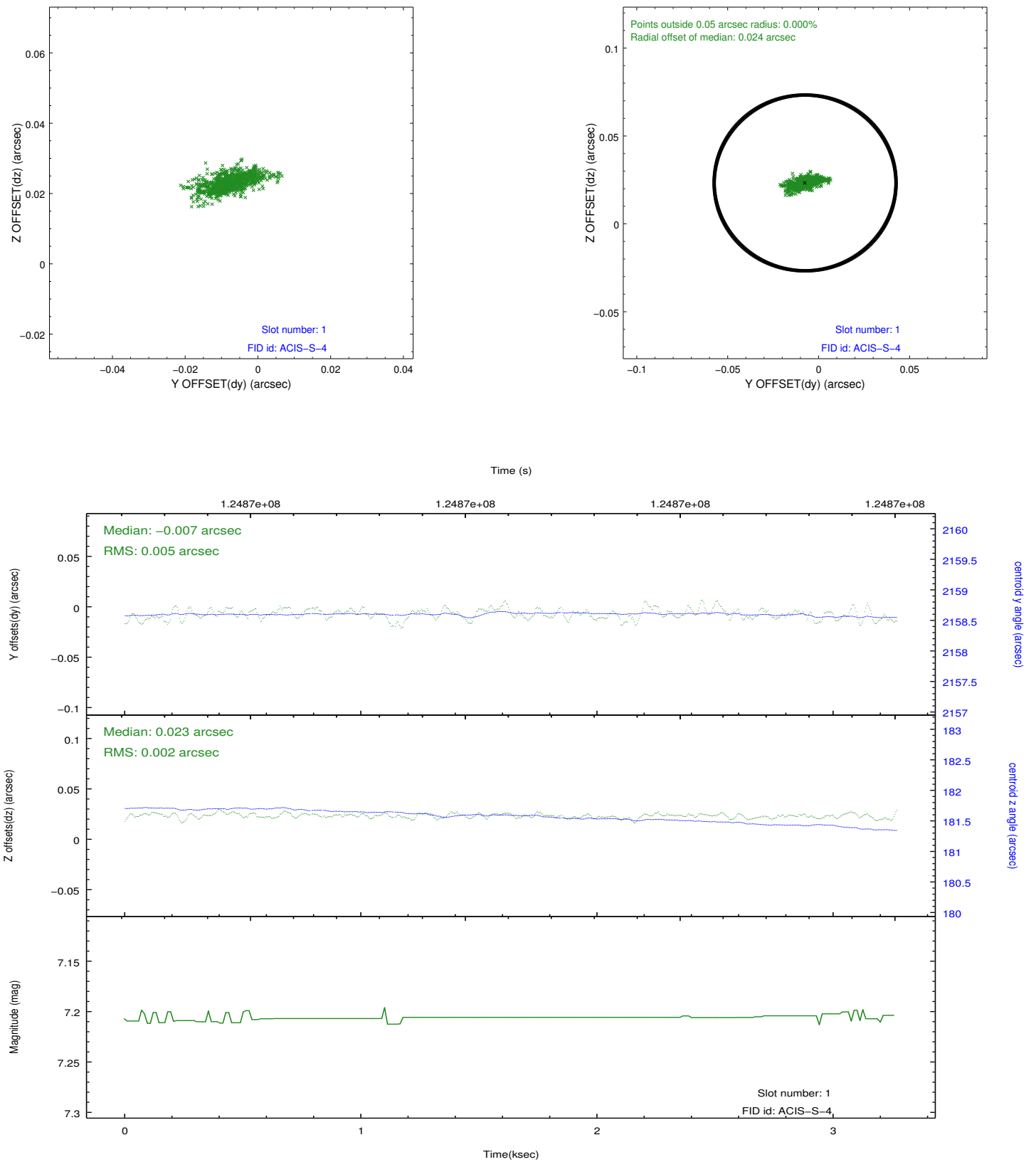


2.5 FID Slots

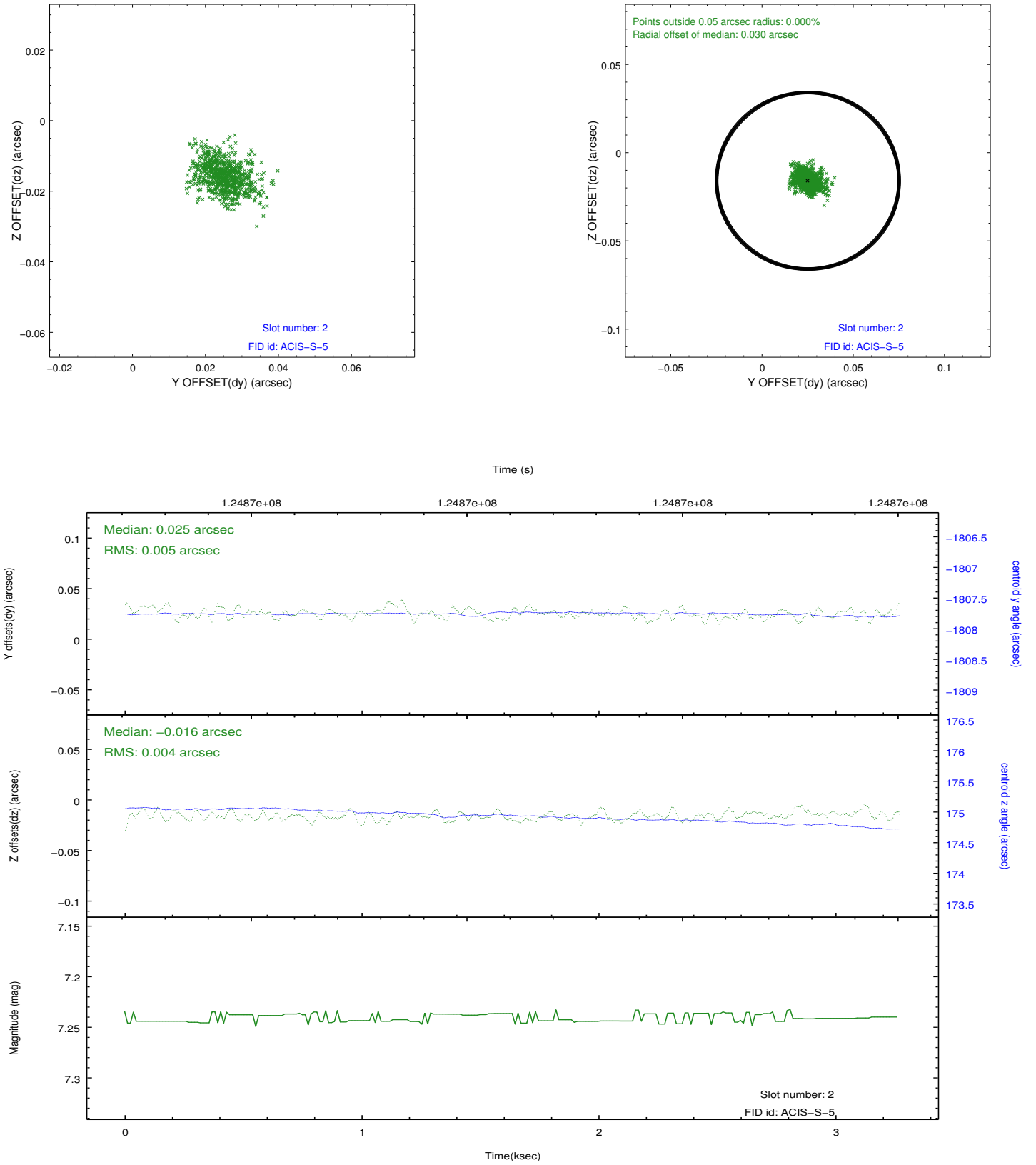
2.5.1 Slot 0



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)	2012.10.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.263

A.2 Comments