

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 4882 - L2 Version 001
Chandra X-Ray Center

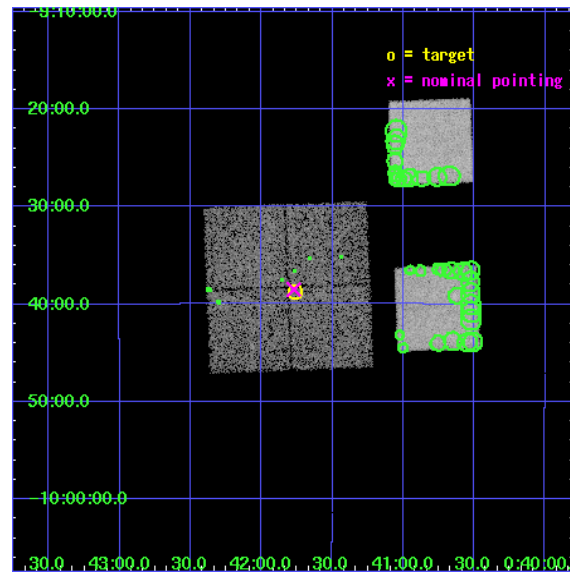
L2 Processing Date : Apr 19 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

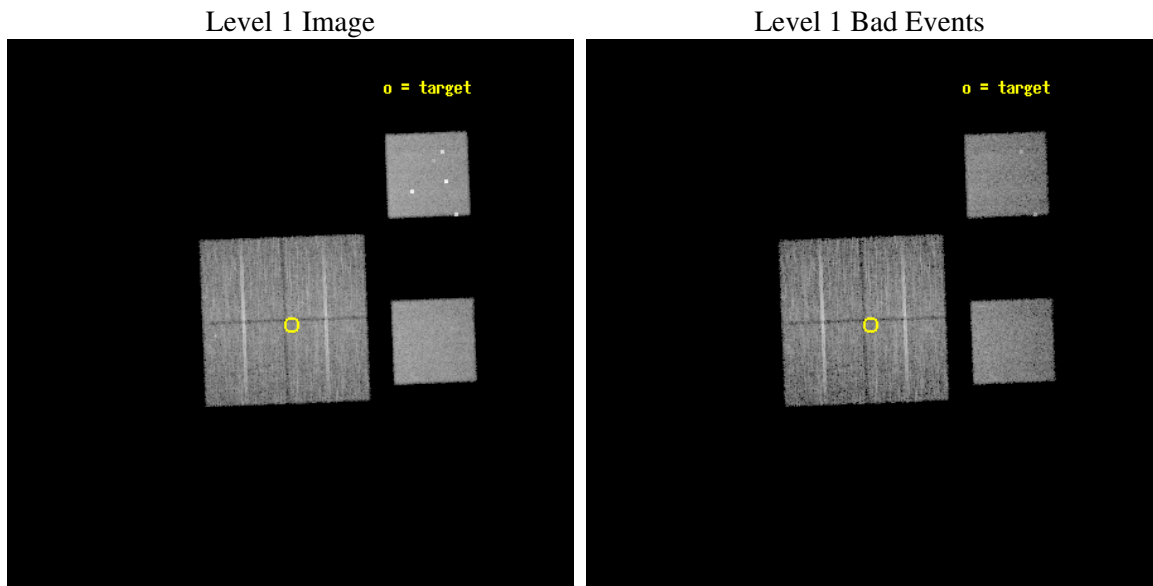
seq_num	700964
obs_id	4882
title	AGN in low-redshift Clusters of Galaxies
observer	Prof. Paul Martini
object	Abell85-P2
dtcycle	0
cycle	P
ra_targ	10.440833
dec_targ	-9.645833
ra_nom	10.442795090934
dec_nom	-9.6416736762173
roll_nom	87.776169006976
revision	3
ontime	9753.599963665
livetime	9630.0940080123
ontime0	9750.3589534461
ontime1	9753.599963665
ontime2	9750.3589733839
ontime3	9753.599963665
ontime5	9753.599963665
ontime7	9753.599963665
l2events	114538



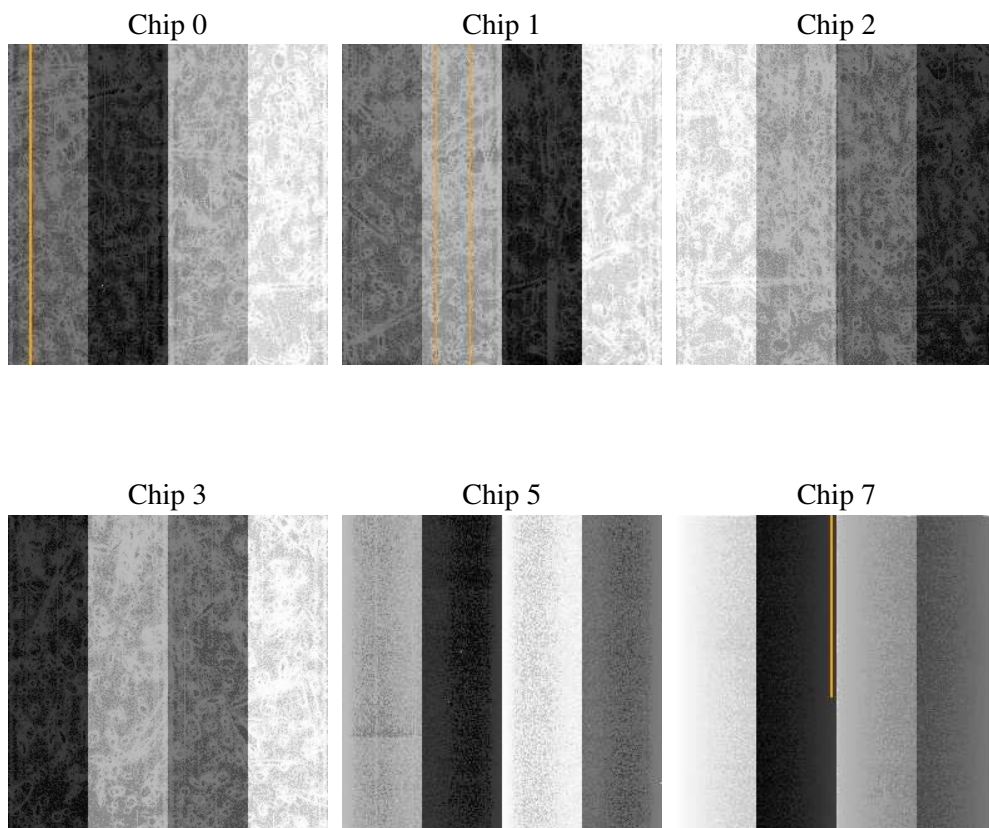
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-04-19T08:03:46
revision	3

sched_exp_time	10000.000000
ontime	9758.6866447628
ontime0	9755.4456544816
ontime1	9758.6866447628
ontime2	9755.4456544816
ontime3	9758.6866447628
ontime5	9758.6866546571
ontime7	9758.6866447628
l1events	500791

2.1.4 Events

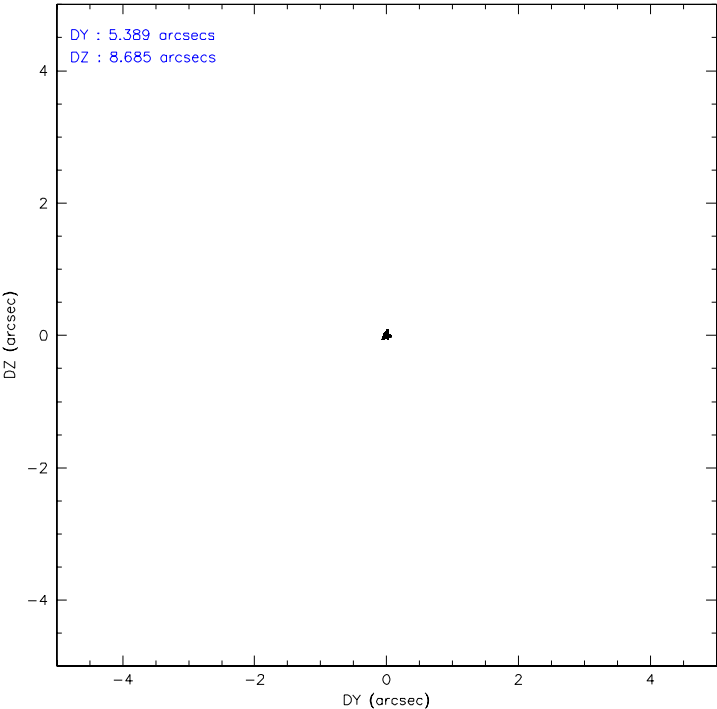
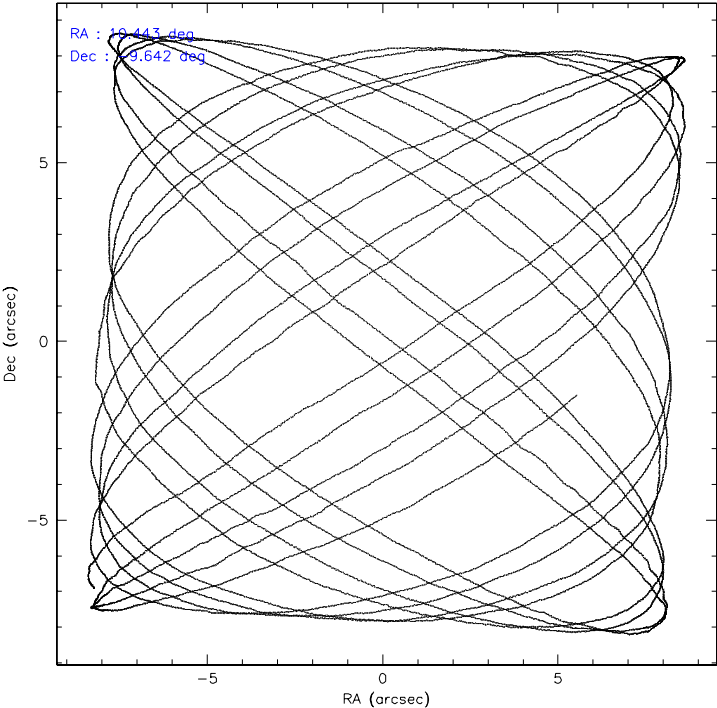
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	73177	67439	75987	71662	113662	98864
rejected events	62745	57944	66445	63016	61001	61163
rejected %	85%	85%	87%	87%	53%	61%

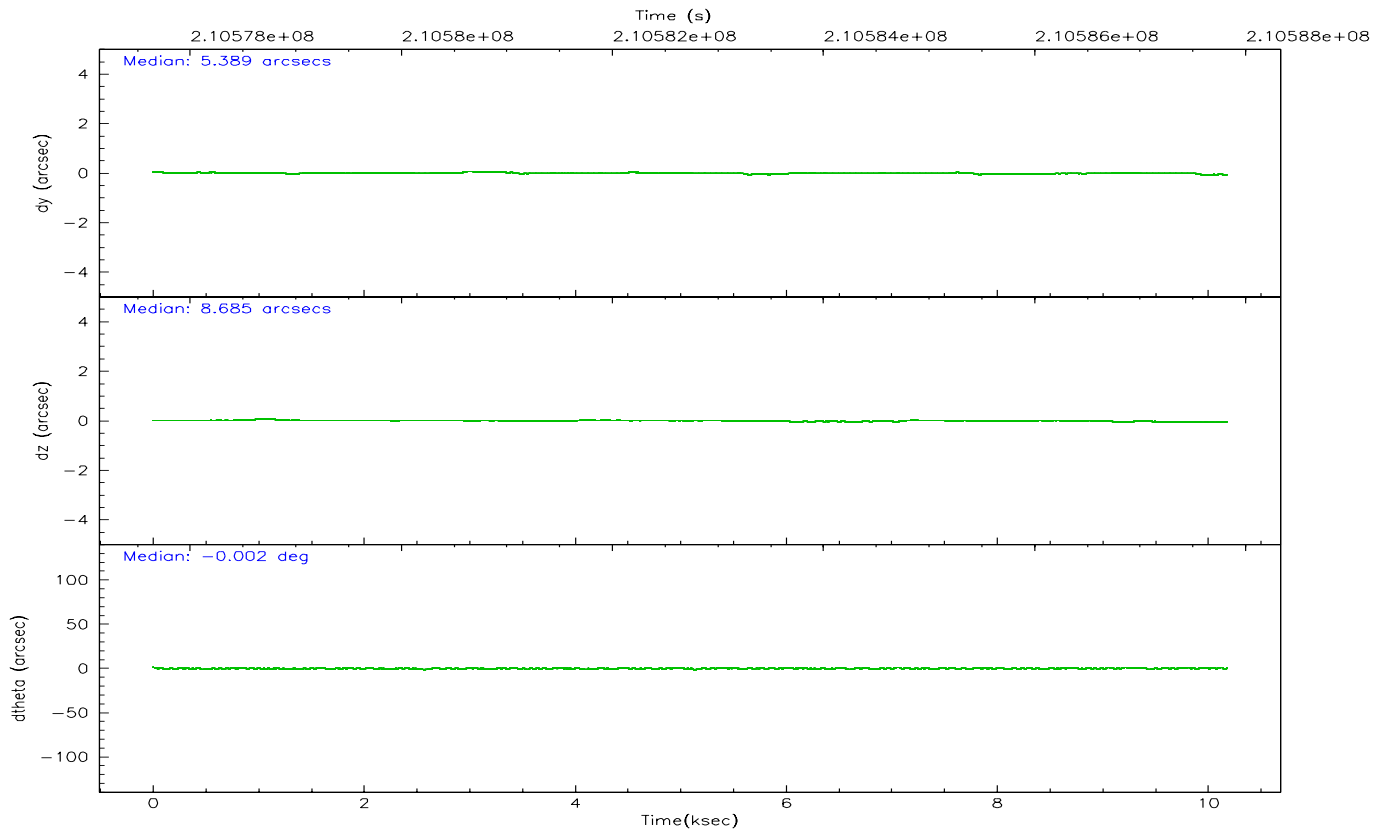
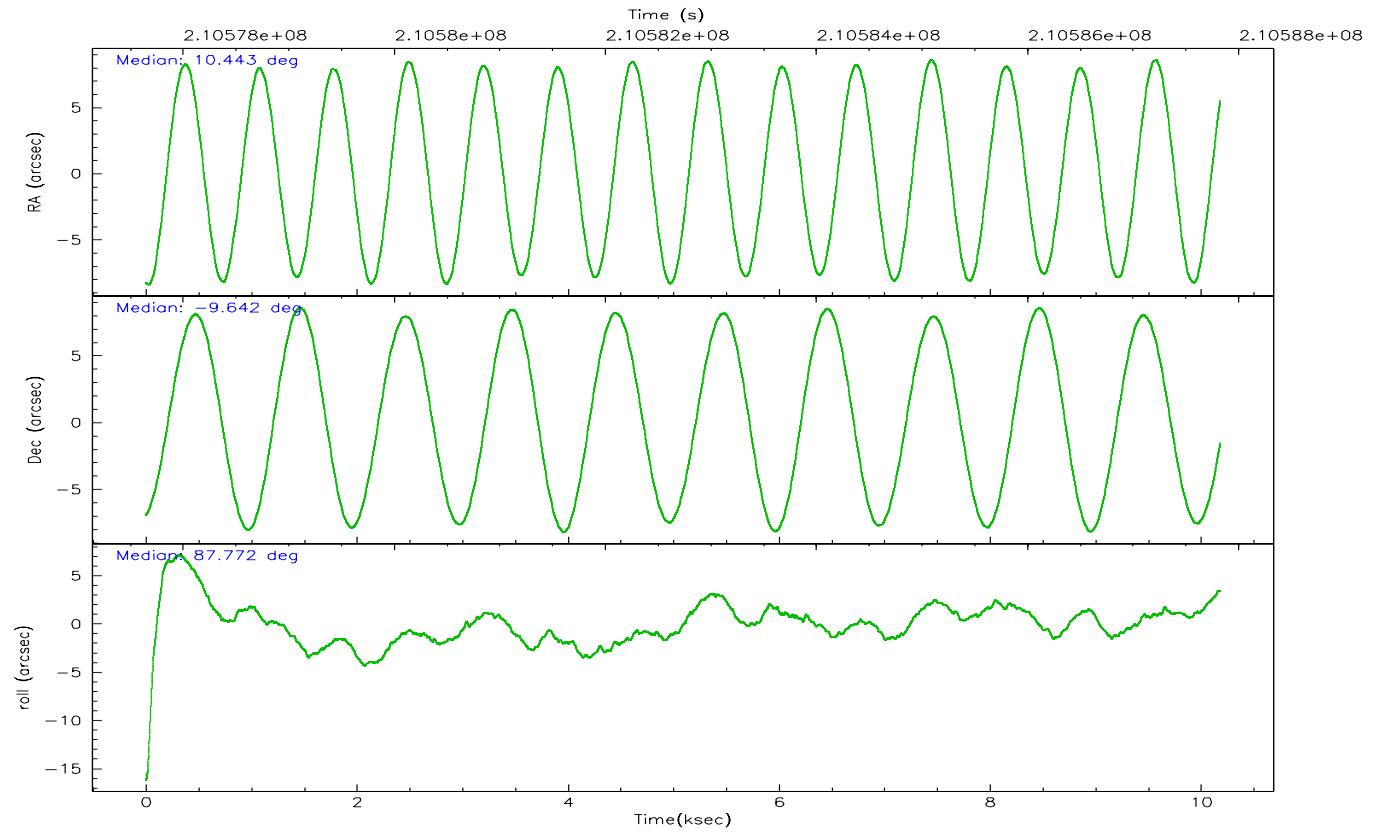
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
grade 0 events	5007	3948	4541	3854	7951	2129
	6%	5%	5%	5%	6%	2%
grade 1 events	46	41	41	34	184	66
	0%	0%	0%	0%	0%	0%
grade 2 events	2060	2010	1897	1660	15103	9489
	2%	2%	2%	2%	13%	9%
grade 3 events	919	917	818	851	1133	1870
	1%	1%	1%	1%	0%	1%
grade 4 events	855	867	838	821	1050	1820
	1%	1%	1%	1%	0%	1%
grade 5 events	3069	3077	2955	3314	5411	6435
	4%	4%	3%	4%	4%	6%
grade 6 events	1603	1759	1457	1461	27452	22416
	2%	2%	1%	2%	24%	22%
grade 7 events	59618	54820	63440	59667	55378	54639
	81%	81%	83%	83%	48%	55%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012357	ACIS-012357	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	10.455877	10.44279509093402	Alternating exposures requested	N	N
Pointing Dec	-9.665819	-9.641673676217325	Primary exposure time	0.000000	3.2
Pointing Roll	87.569672	87.77616900697578			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	210577826.184000	210577450.77318			
Observation start date	2004-09-03T05:49:22	2004-09-03T05:44:10			
Observation end time	210587826.184000	210587960.61114			
Observation end date	2004-09-03T08:36:02	2004-09-03T08:39:20			
Read mode	TIMED	TIMED			

2.3 Aspect



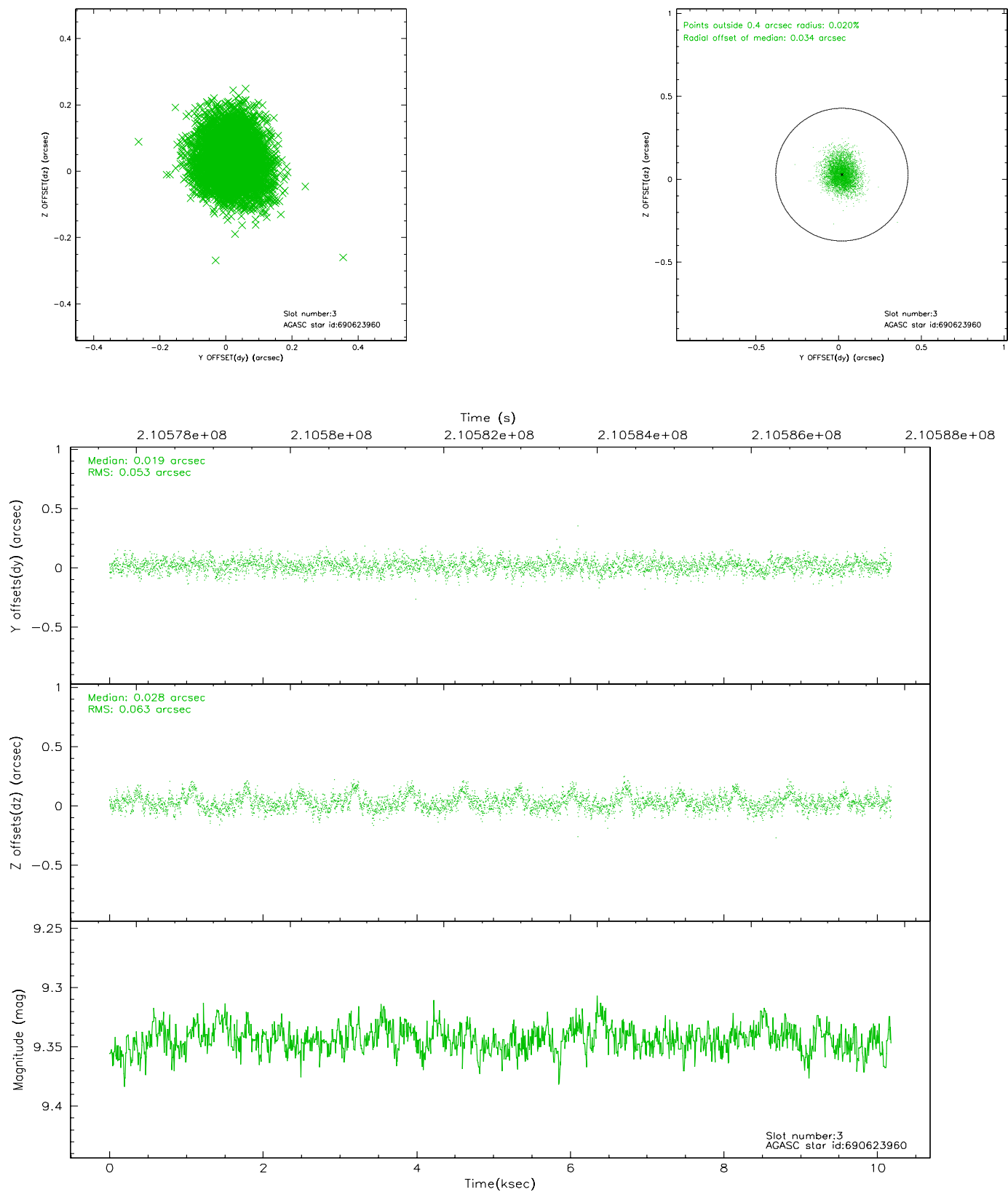


Slot Statistics

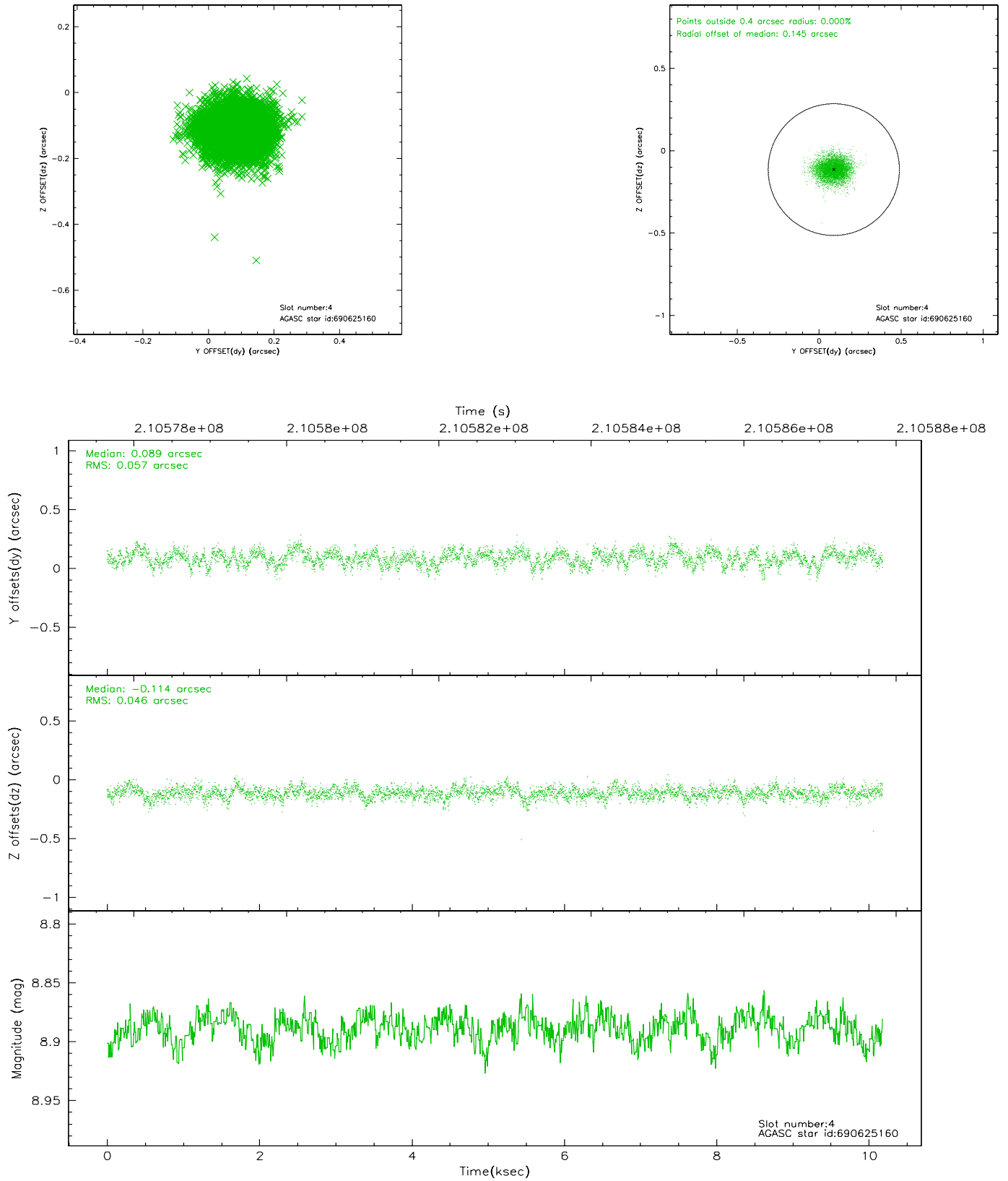
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	2484	-0.003	0.066	0.006	0.010	0.000000	0.000000	934.34	-832.05
1	FID	ACIS-I-5	7.23	2484	-0.138	0.035	0.006	0.010	0.000000	0.000000	-1813.63	1065.13
2	FID	ACIS-I-6	7.25	2484	0.050	-0.030	0.006	0.011	0.000000	0.000000	399.36	1710.17
3	GUIDE	690623960	9.34	4965	0.019	0.028	0.087	0.142	10.570675	-9.168103	1807.92	-331.32
4	GUIDE	690625160	8.89	4963	0.089	-0.114	0.078	0.126	10.224219	-9.960066	-1092.65	775.52
5	GUIDE	690625776	9.15	4964	-0.027	0.006	0.074	0.121	10.846019	-9.315741	1317.75	-1332.56
6	GUIDE	690636928	9.24	4962	-0.088	0.118	0.106	0.185	11.054156	-9.568424	439.29	-2107.22
7	GUIDE	690637960	6.81	4967	0.008	-0.037	0.061	0.096	10.711431	-9.921690	-881.74	-944.87

2.4 Star Slots

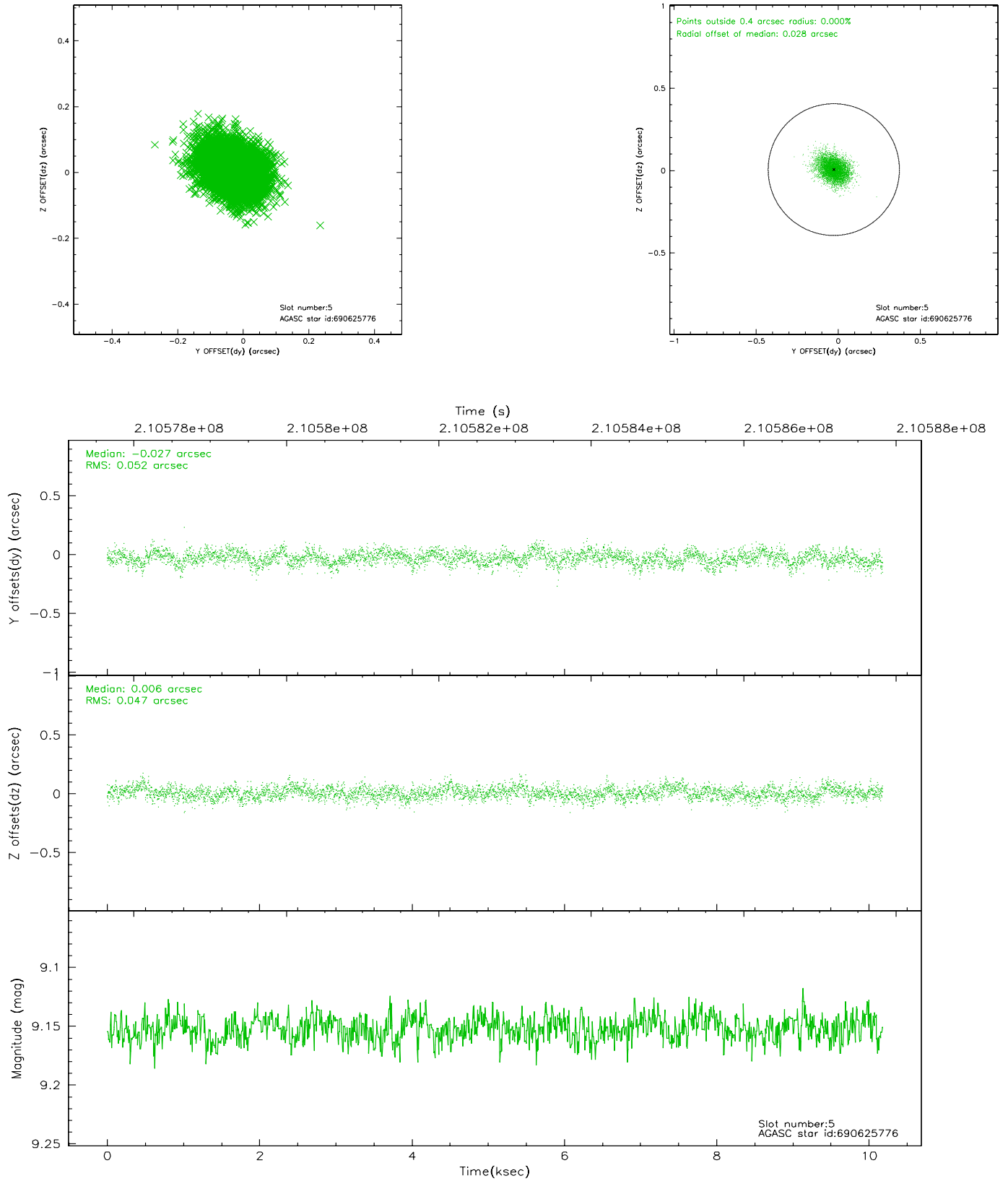
2.4.1 Slot 3



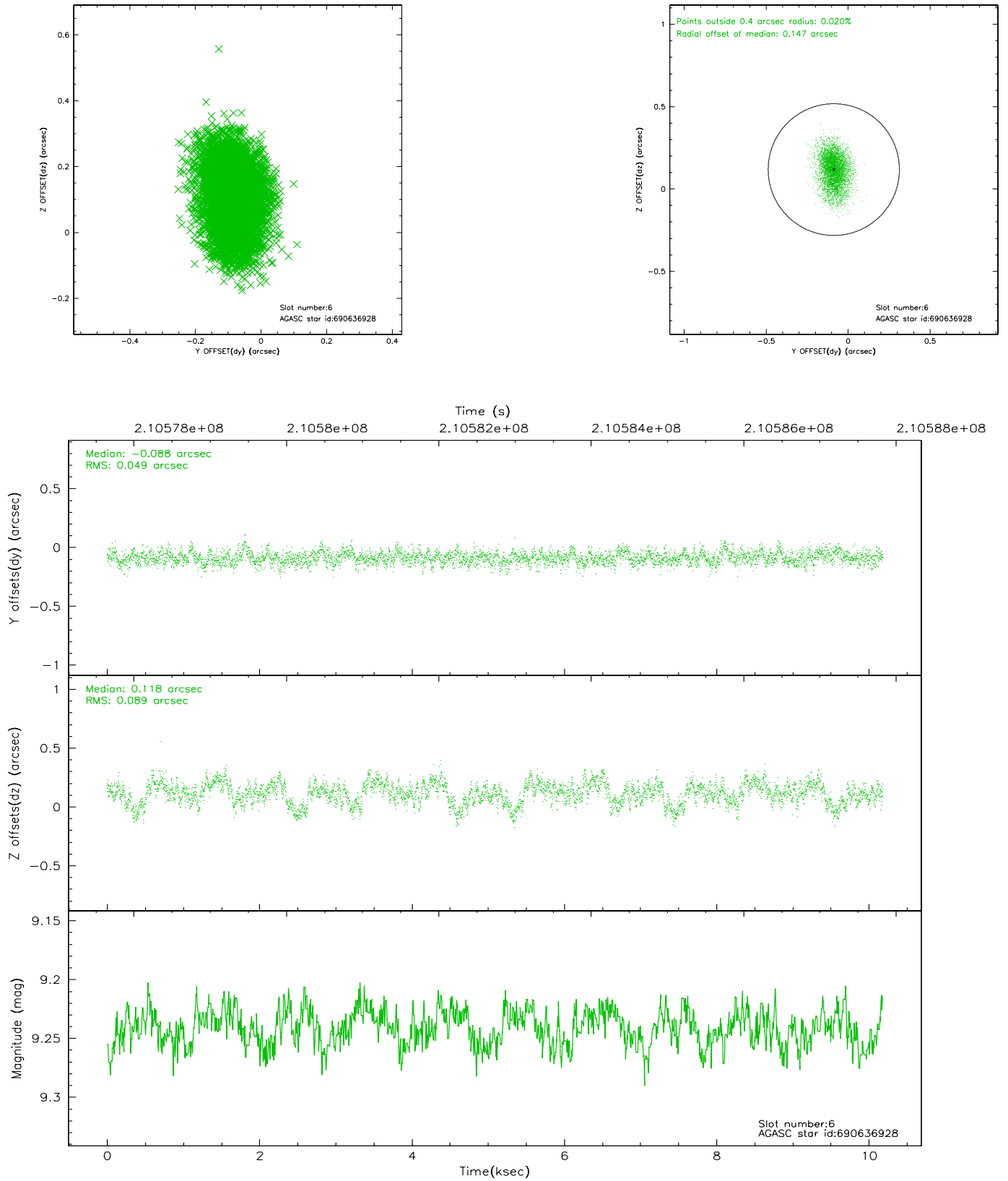
2.4.2 Slot 4



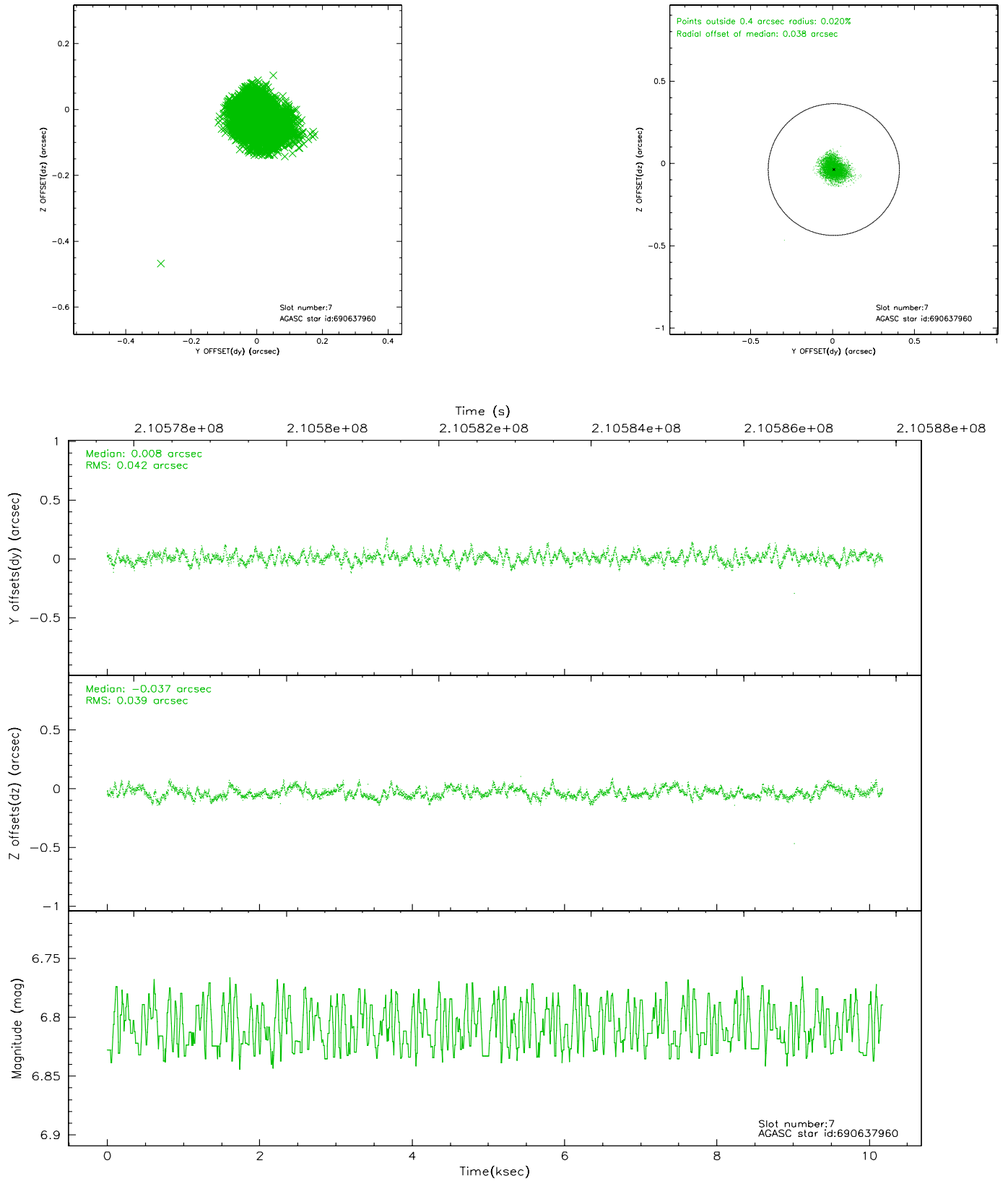
2.4.3 Slot 5



2.4.4 Slot 6

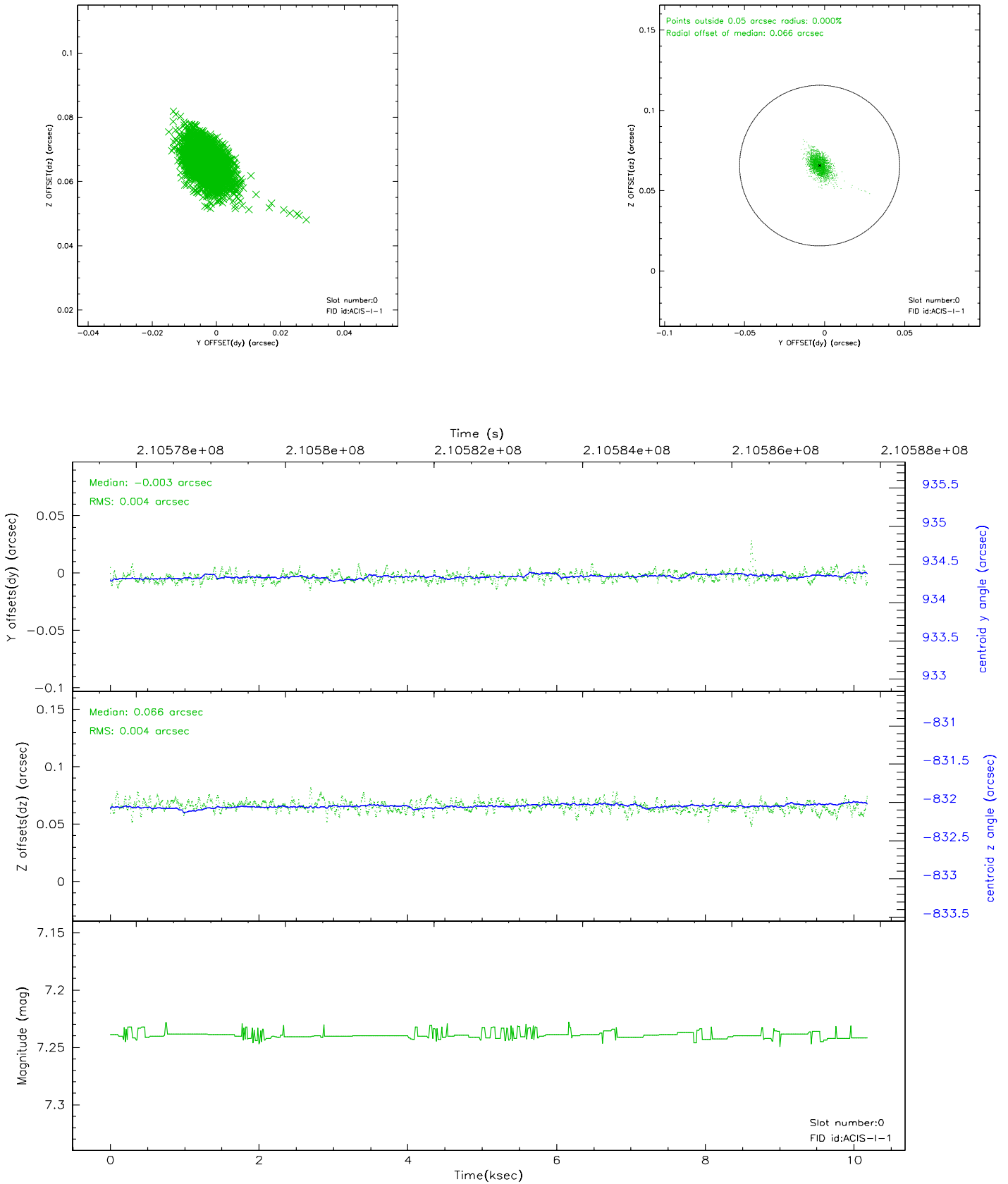


2.4.5 Slot 7

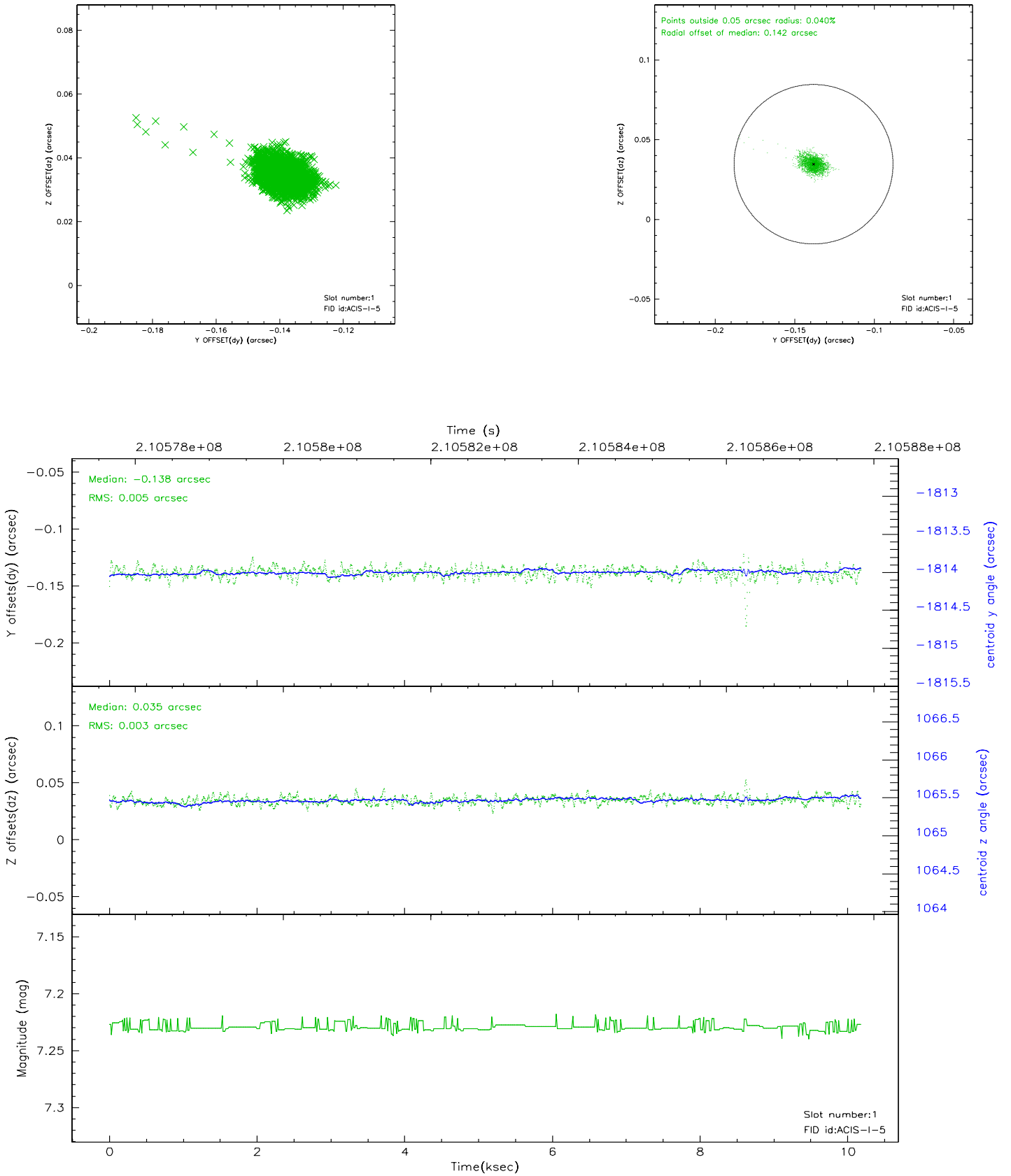


2.5 FID Slots

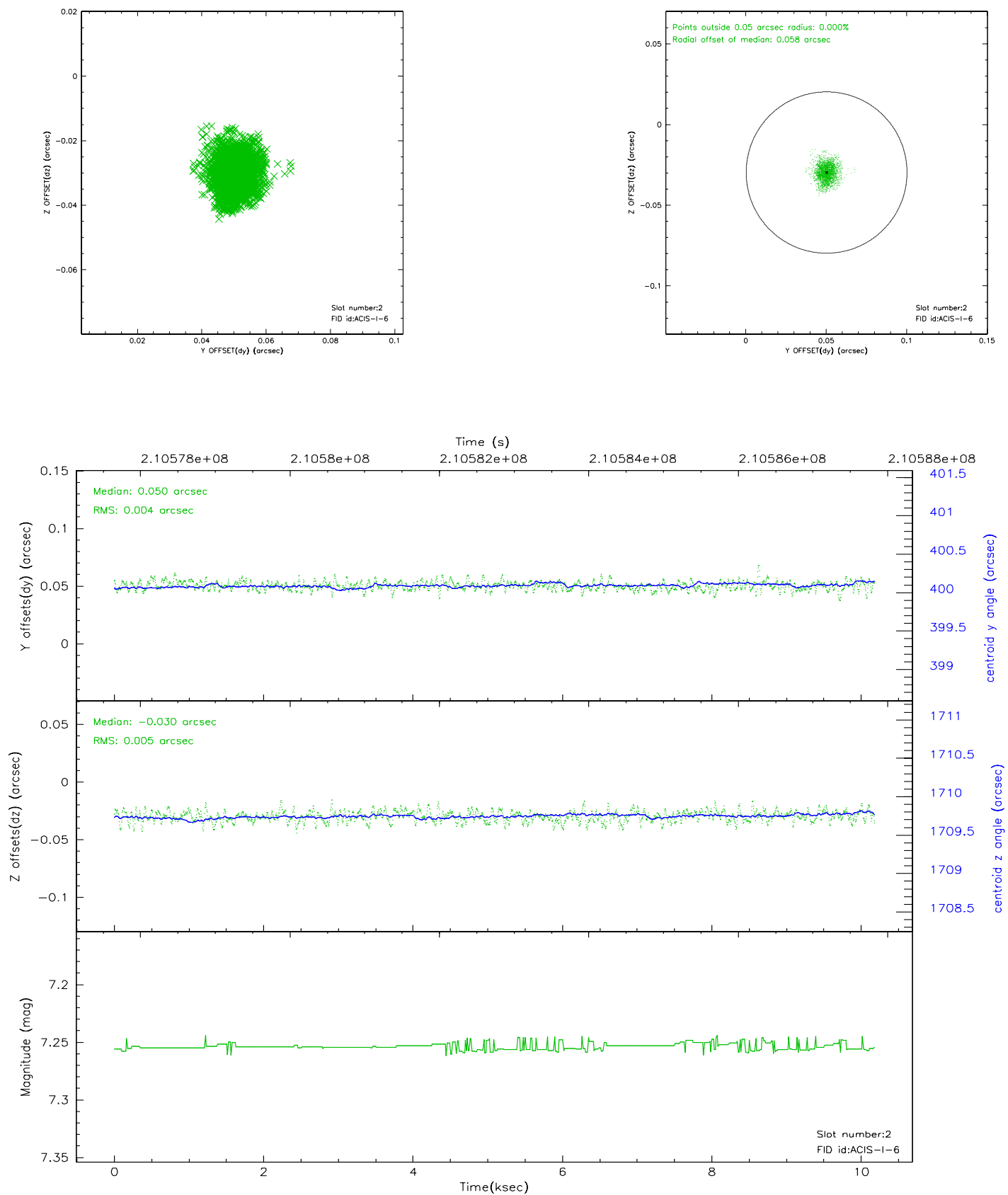
2.5.1 Slot 0



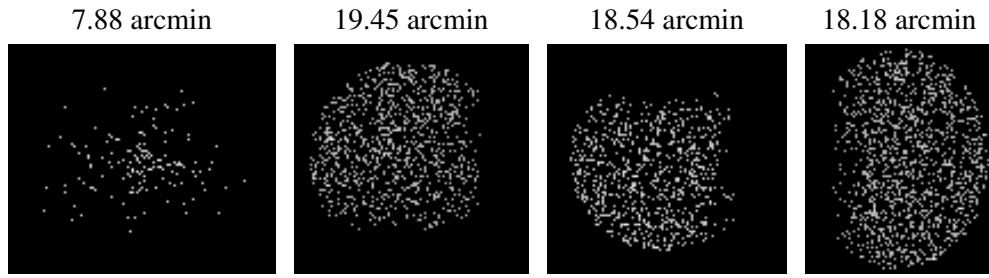
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.04.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.753

A.2 Comments