

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 5914 - L2 Version 002
Chandra X-Ray Center

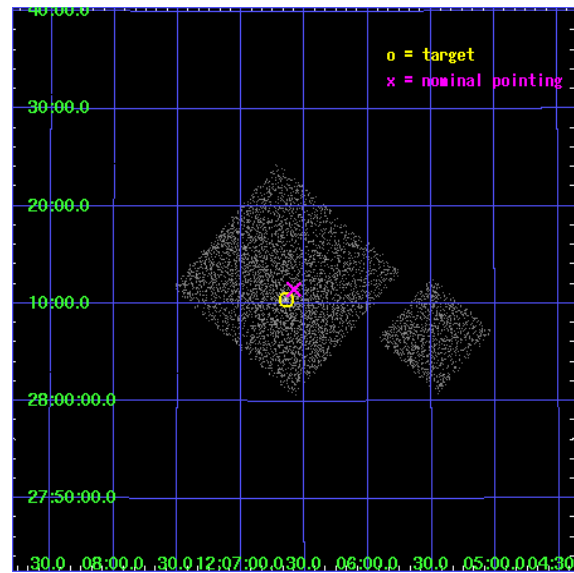
L2 Processing Date: Feb 25 2006

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

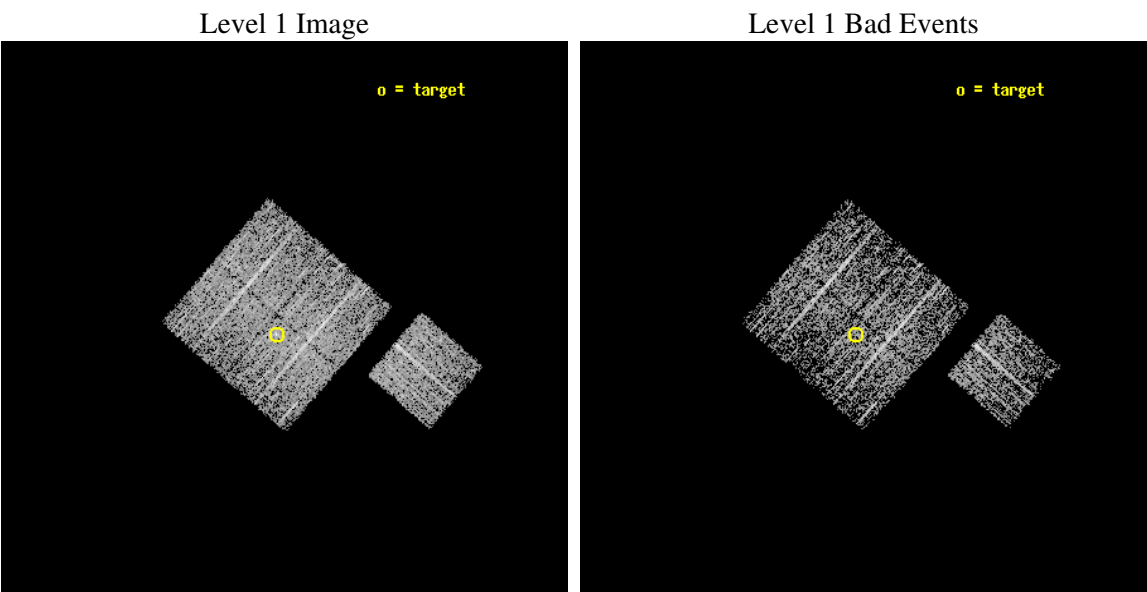
seq_num	600433
obs_id	5914
title	A Chandra Snapshot Survey of X-ray Bright Early-type Galaxies
observer	Dr. Steven Murray
object	NGC4104
dtcycle	0
cycle	P
ra_targ	181.66
dec_targ	28.174444
ra_nom	181.64608377581
dec_nom	28.191300264666
roll_nom	131.04845380409
revision	2
ontime	2179.2589956224
livetime	2150.7853724975
ontime0	2182.3999958038
ontime1	2182.3999958038
ontime2	2179.2590155602
ontime3	2179.2589956224
ontime6	2182.3999958038
l2events	6774



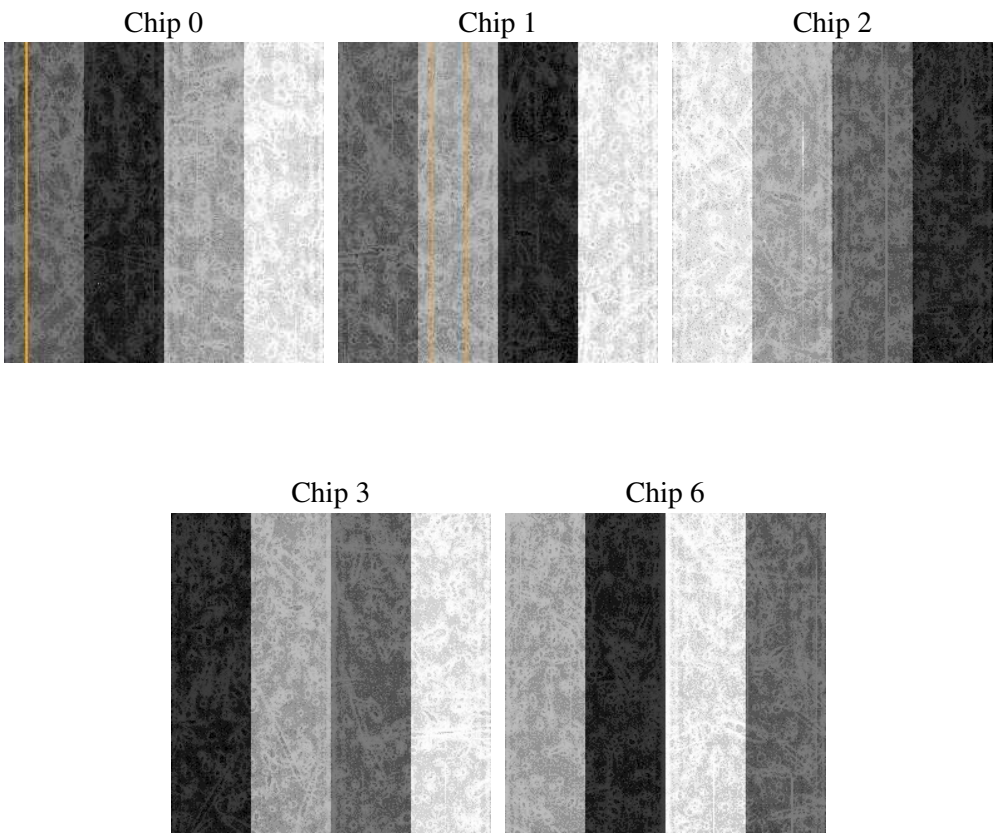
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldsver	3.2.1
date	2006-02-25T09:05:19
revision	2

sched_exp_time	2000.000000
ontime	2204.9884800017
ontime0	2208.1294801831
ontime1	2208.1294801831
ontime2	2204.9884800315
ontime3	2204.9884800017
ontime6	2208.1294801831
l1events	67727

2.1.4 Events

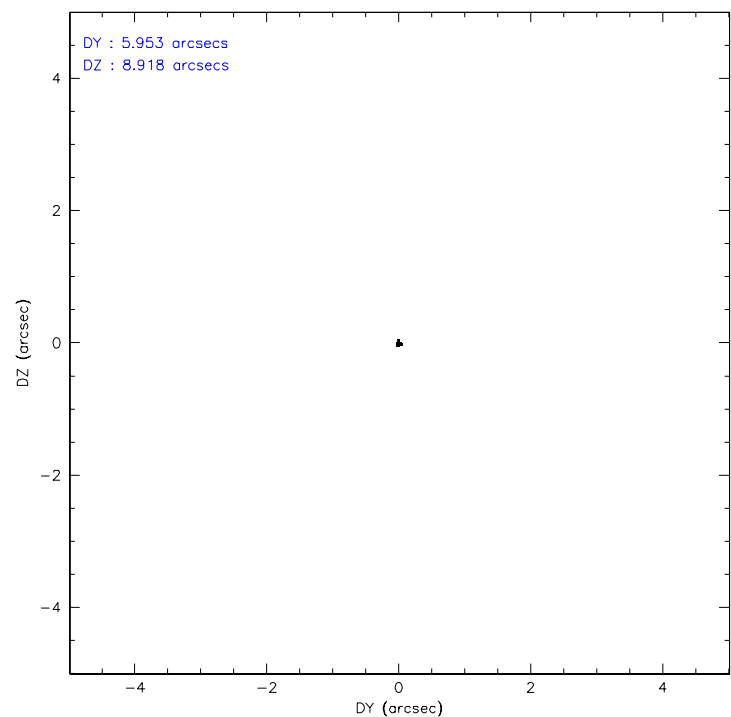
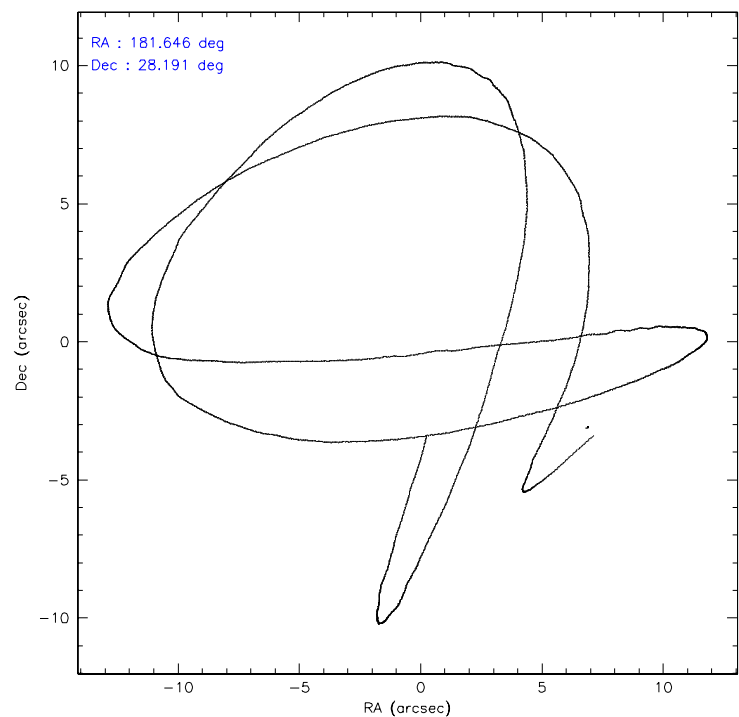
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	13064	12684	14298	13923	13758
rejected events	11602	10950	12841	12029	12346
rejected %	88%	86%	89%	86%	89%

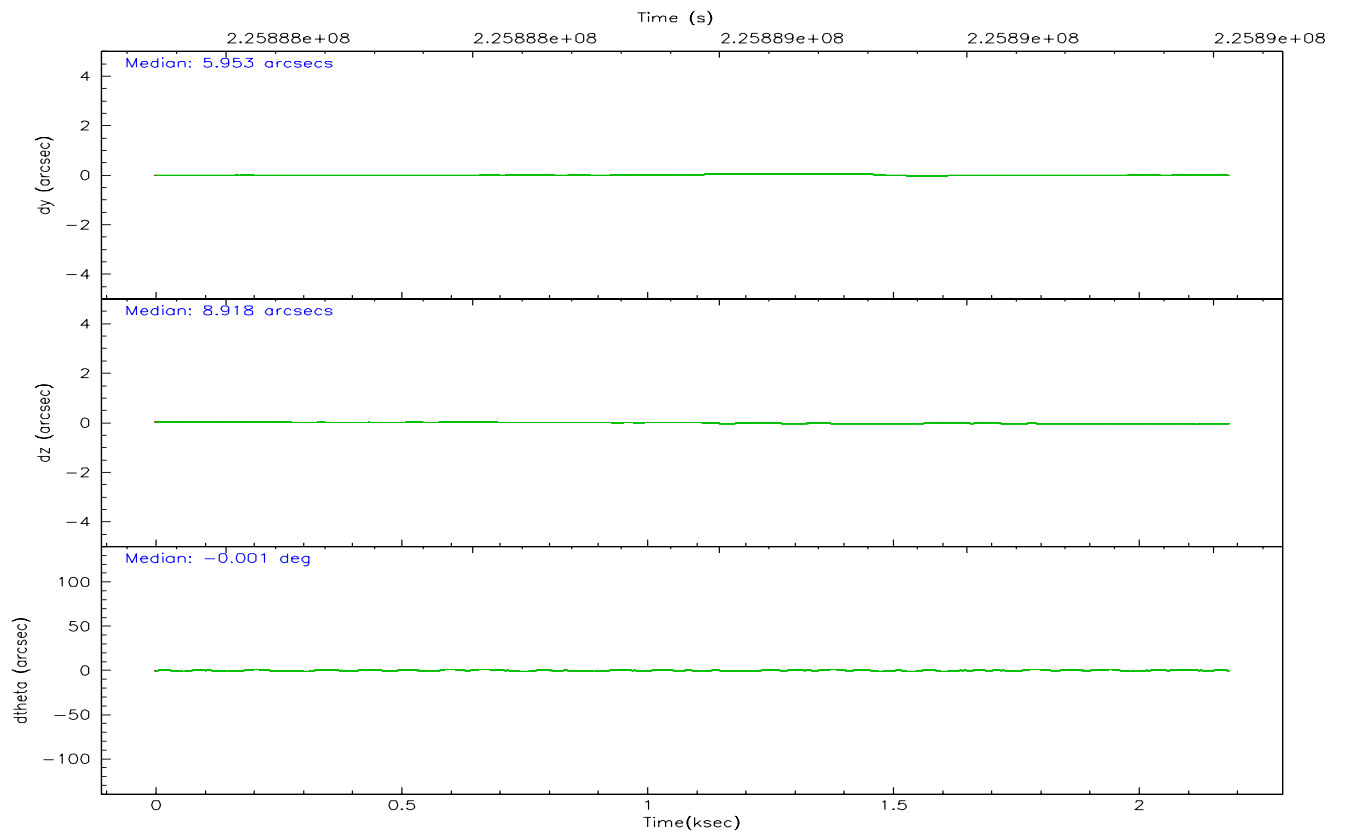
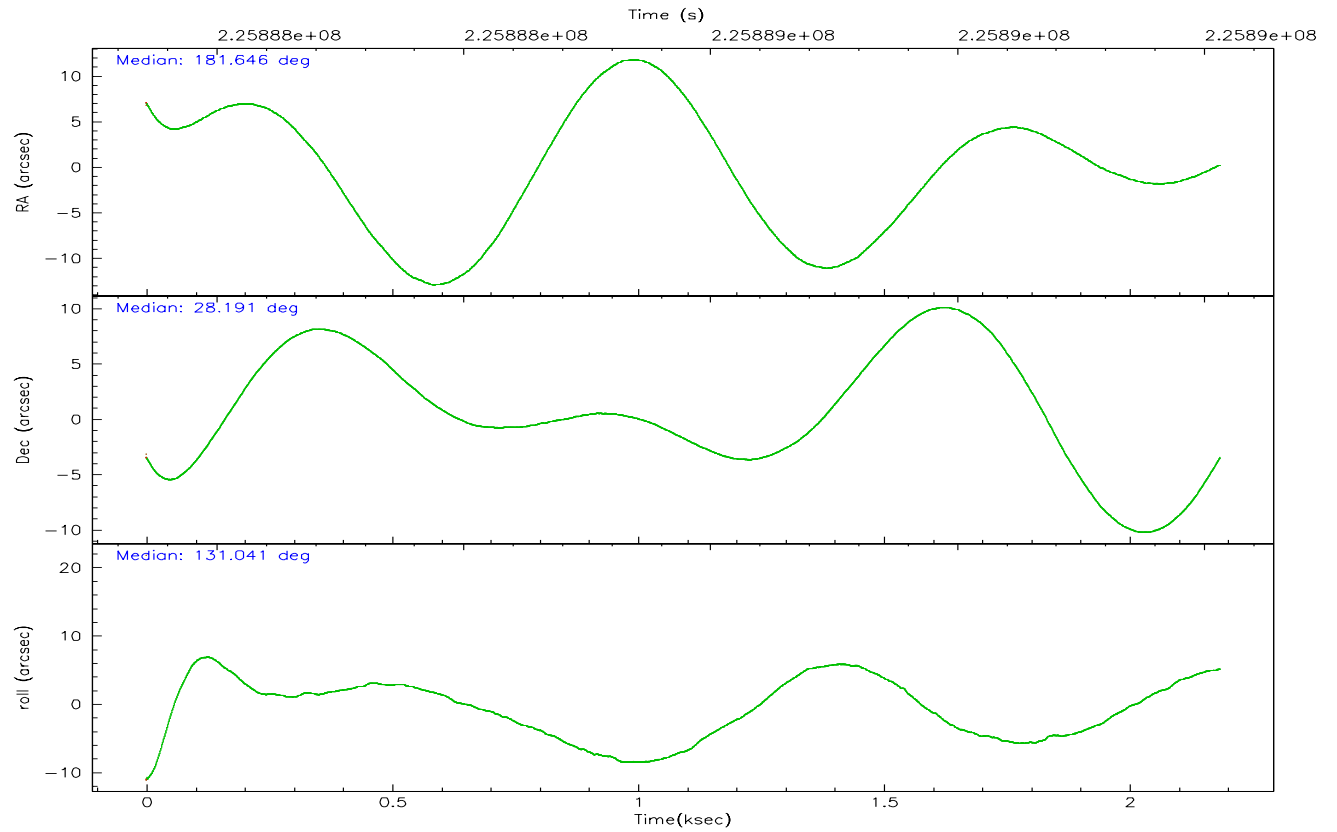
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	595	739	565	1016	495
	4%	5%	3%	7%	3%
grade 1 events	7	9	8	19	5
	0%	0%	0%	0%	0%
grade 2 events	306	369	342	336	324
	2%	2%	2%	2%	2%
grade 3 events	167	177	146	173	168
	1%	1%	1%	1%	1%
grade 4 events	149	153	154	152	160
	1%	1%	1%	1%	1%
grade 5 events	514	533	482	568	525
	3%	4%	3%	4%	3%
grade 6 events	264	319	261	241	291
	2%	2%	1%	1%	2%
grade 7 events	11062	10385	12340	11418	11790
	84%	81%	86%	82%	85%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	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	181.675428	181.6460837758057	Alternating exposures requested	N	N
Pointing Dec	28.182664	28.19130026466635	Primary exposure time	0.000000	3.1
Pointing Roll	130.826019	131.0484538040891			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-231.592463	-231.5960967419932			
SIM translation stage offset (mm)	-2	-1.996356260936523			
Observation start time	225888039.184000	225887033.91118			
Observation start date	2005-02-27T10:39:35	2005-02-27T10:23:53			
Observation end time	225890039.184000	225890369.26134			
Observation end date	2005-02-27T11:12:55	2005-02-27T11:19:29			
Read mode	TIMED	TIMED			

2.3 Aspect



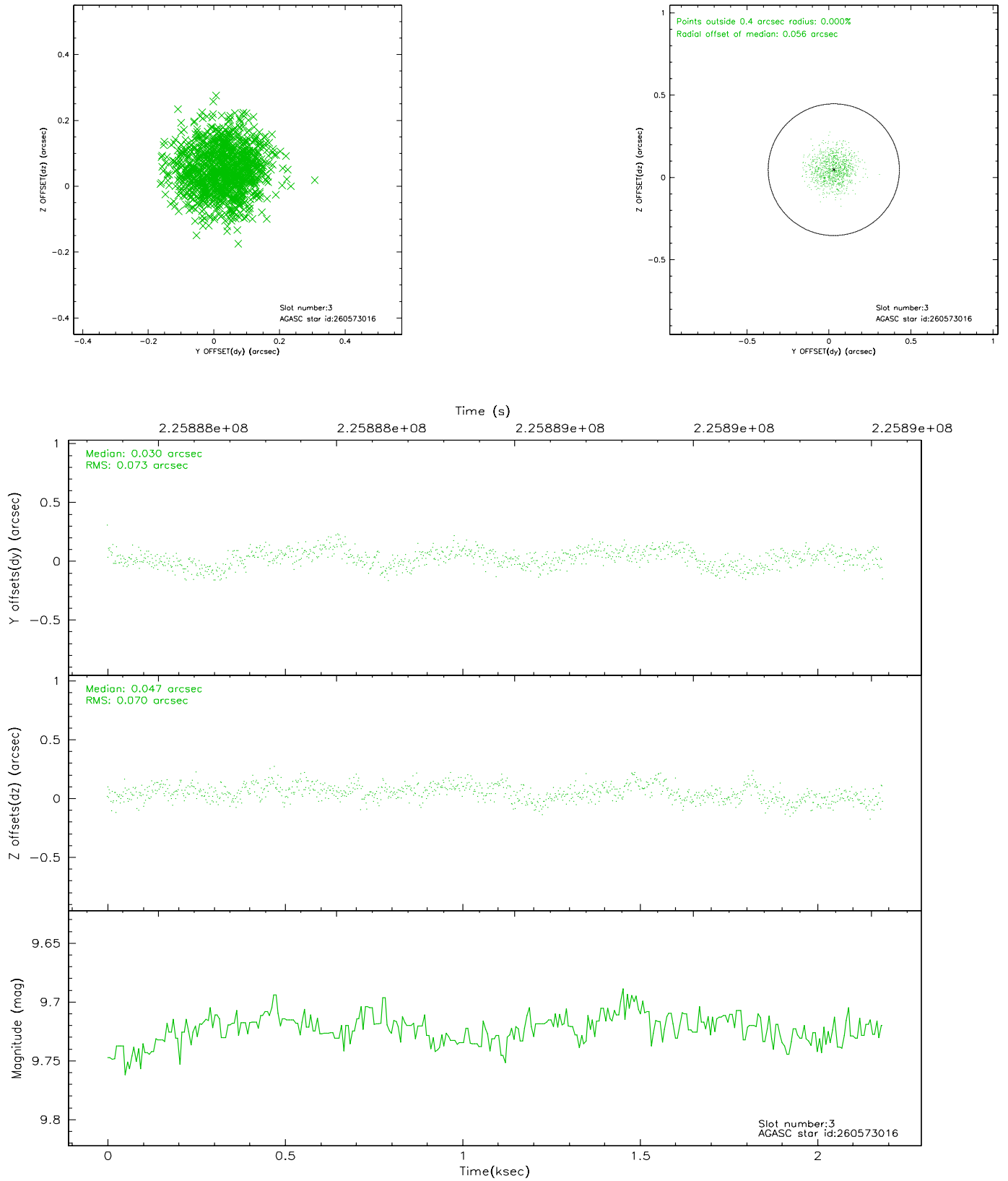


Slot Statistics

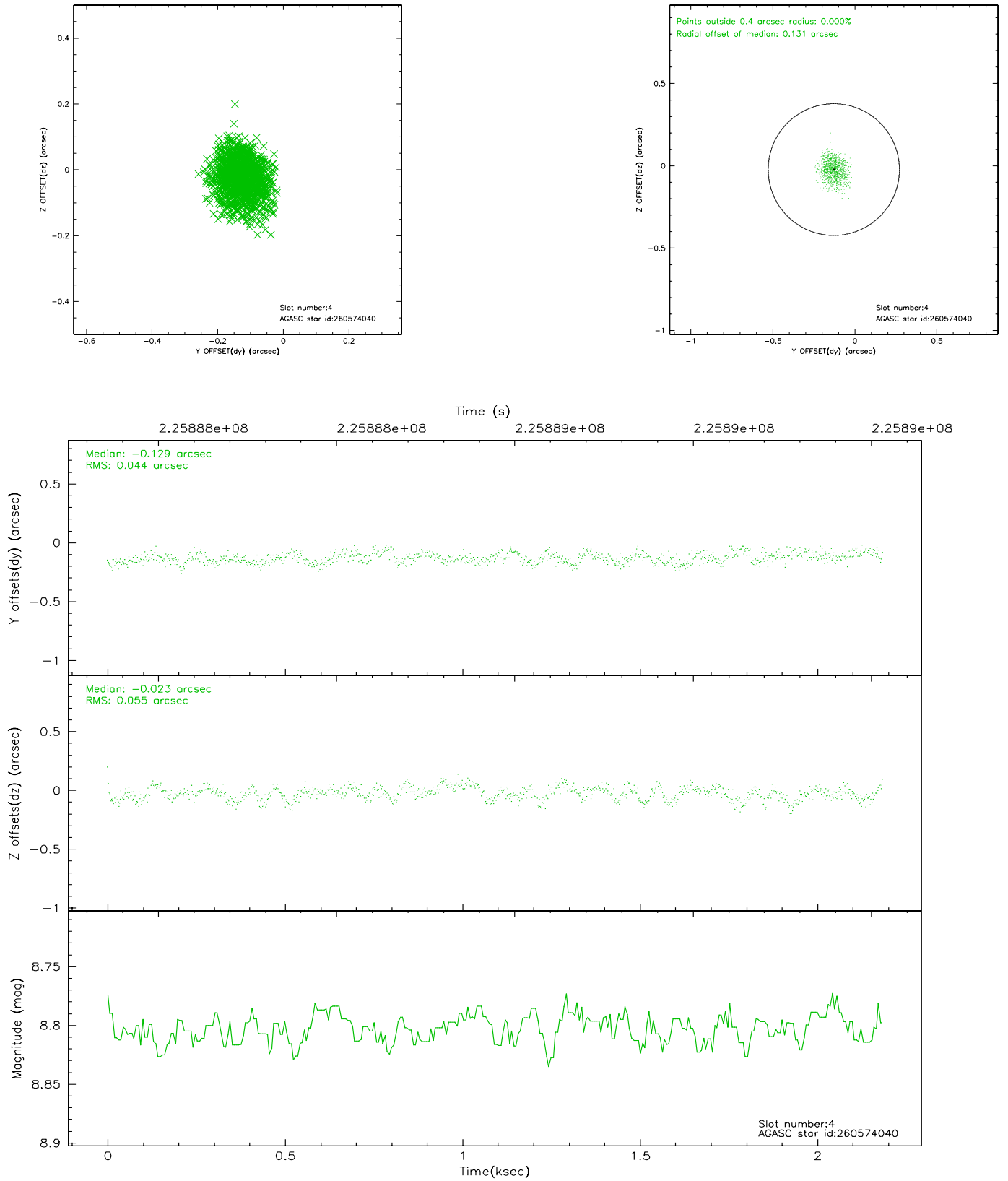
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	534	-0.010	0.049	0.006	0.010	0.000000	0.000000	933.69	-873.22
1	FID	ACIS-I-5	7.24	534	-0.160	0.016	0.006	0.009	0.000000	0.000000	-1812.88	1022.71
2	FID	ACIS-I-6	7.25	534	0.079	0.005	0.006	0.010	0.000000	0.000000	396.13	1670.55
3	GUIDE	260573016	9.72	1066	0.030	0.047	0.109	0.172	182.104851	27.983835	-1431.43	-566.75
4	GUIDE	260574040	8.80	1067	-0.129	-0.023	0.075	0.119	181.021231	28.060596	1029.55	1855.97
5	GUIDE	260580592	9.06	1067	0.020	-0.130	0.088	0.138	181.409229	28.294508	857.84	376.13
6	GUIDE	260580992	9.65	1065	0.027	0.099	0.102	0.168	182.365232	28.205015	-1363.29	-1712.37
7	GUIDE	260581184	9.67	1065	0.062	0.015	0.116	0.182	182.126376	28.169364	-970.32	-1054.96

2.4 Star Slots

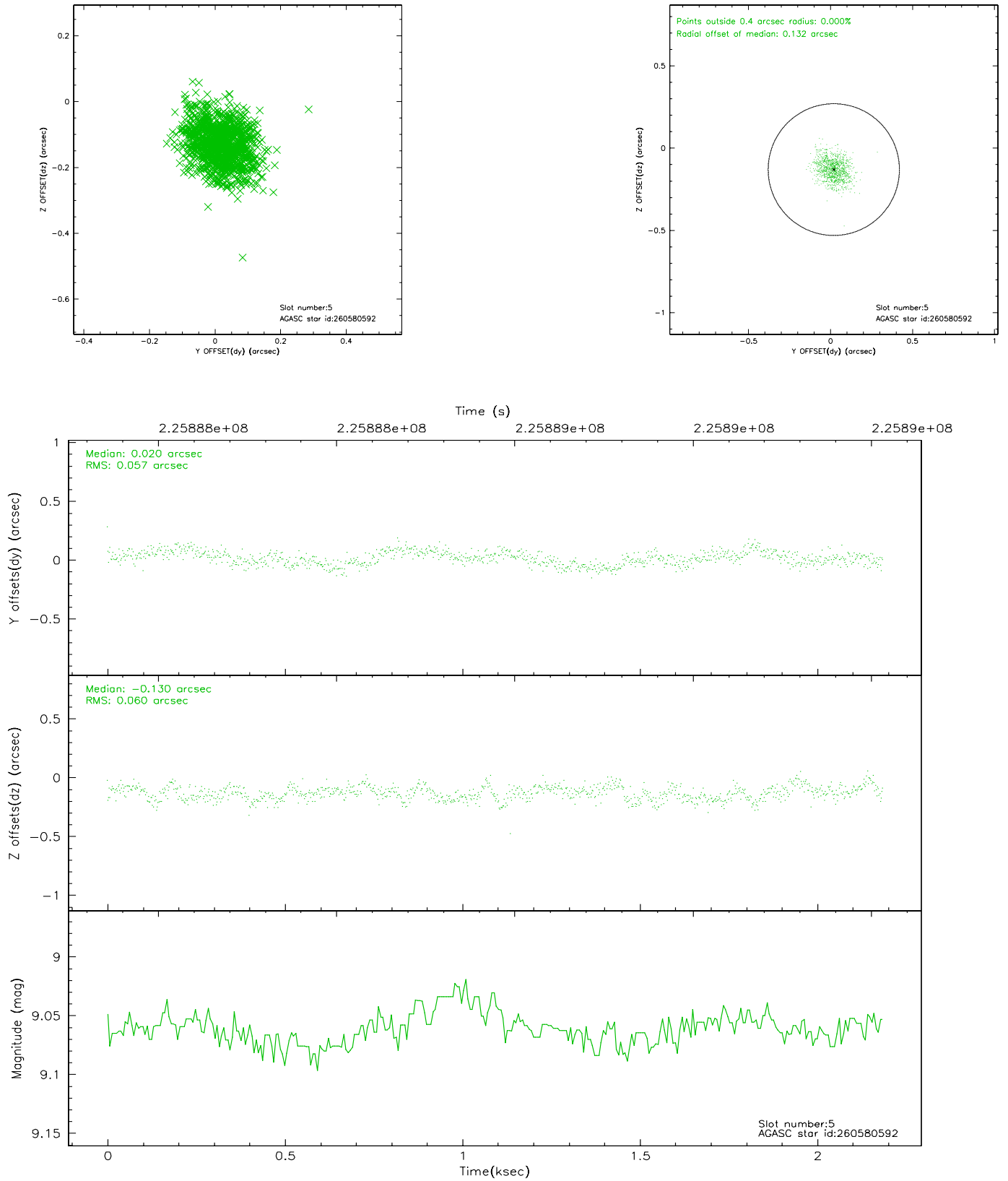
2.4.1 Slot 3



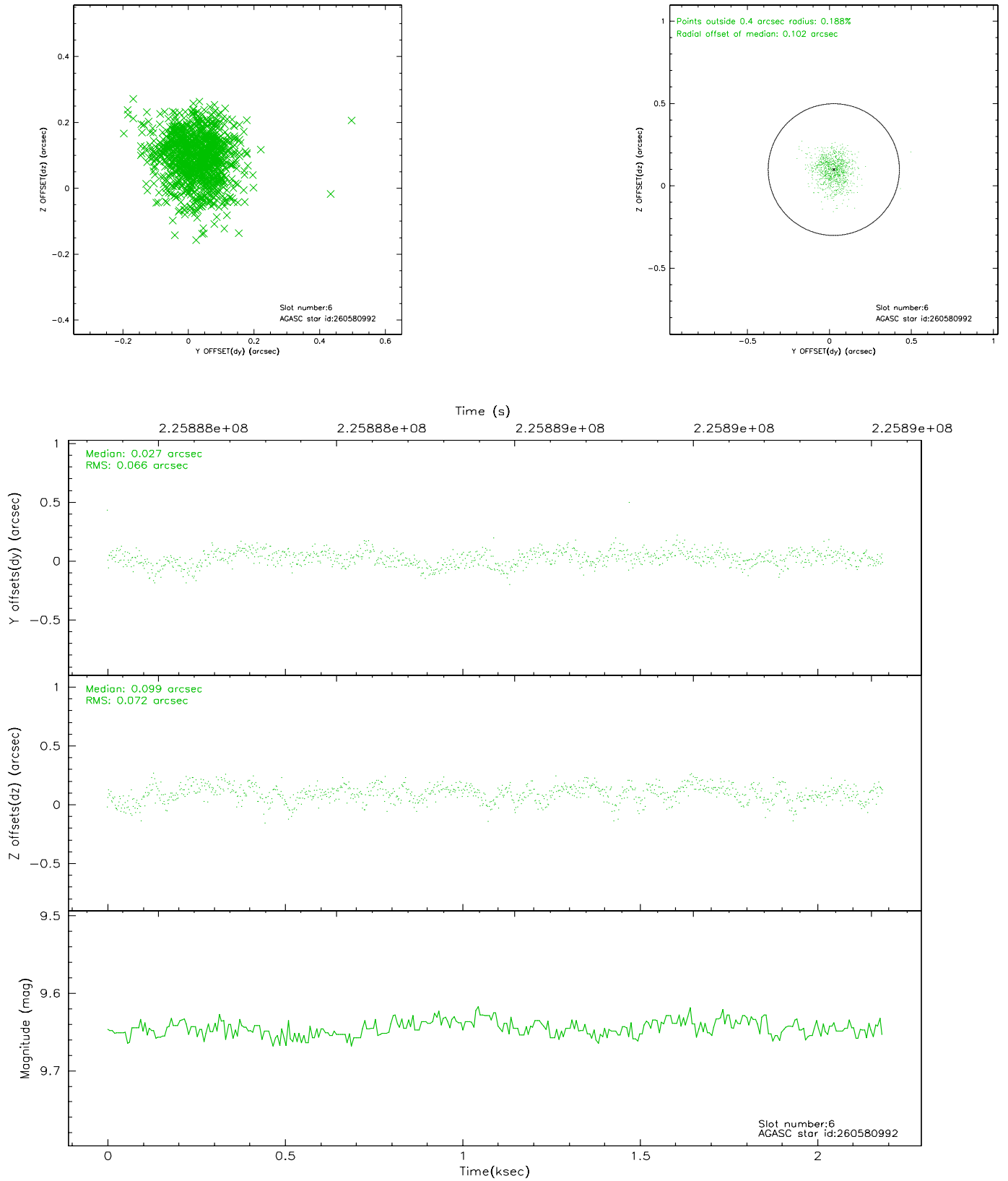
2.4.2 Slot 4



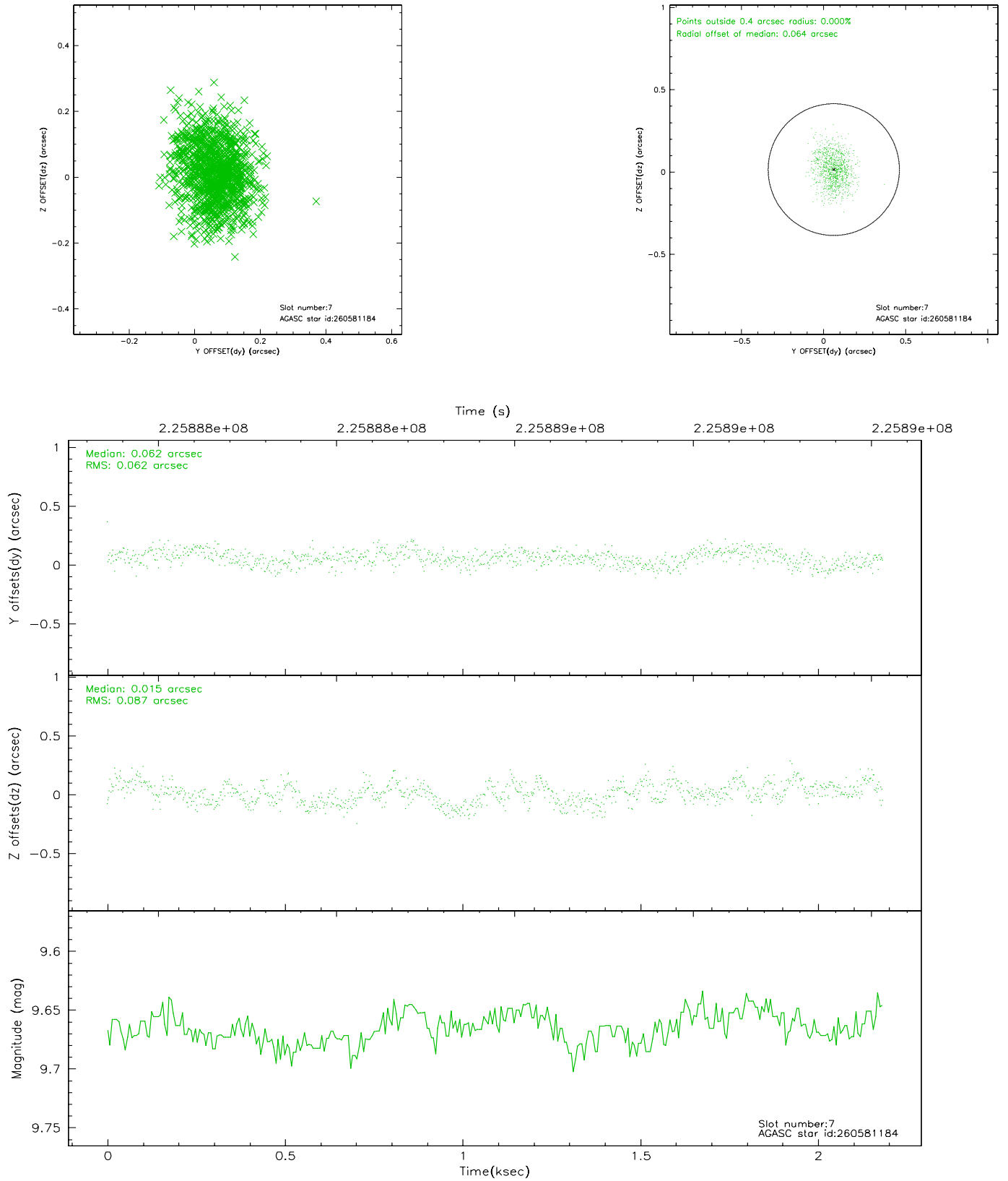
2.4.3 Slot 5



2.4.4 Slot 6

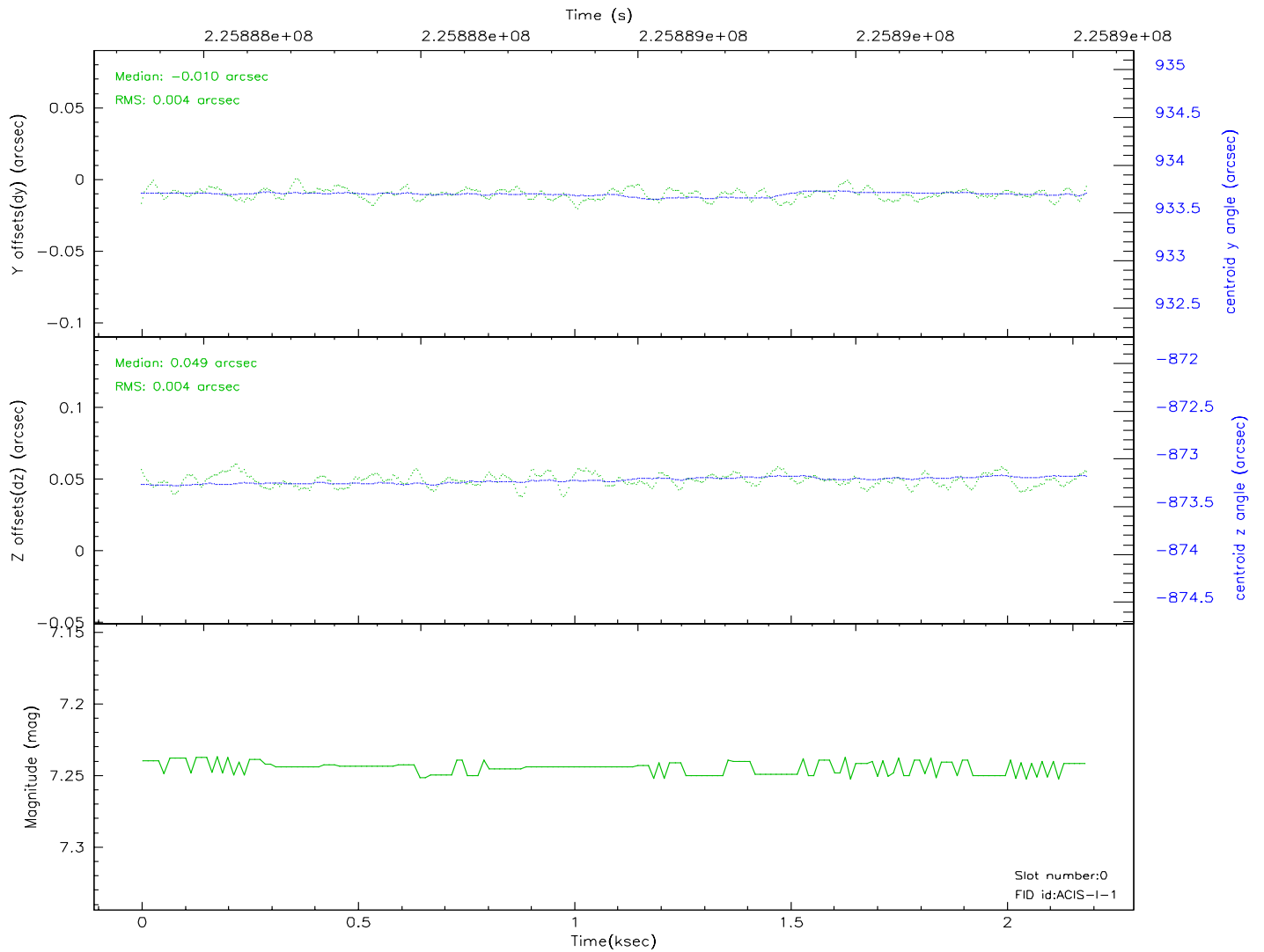
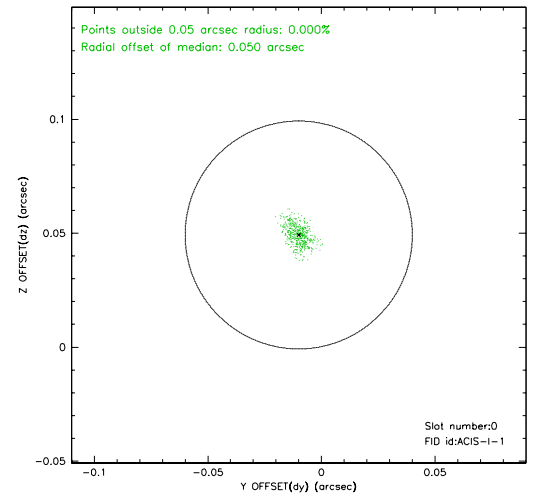
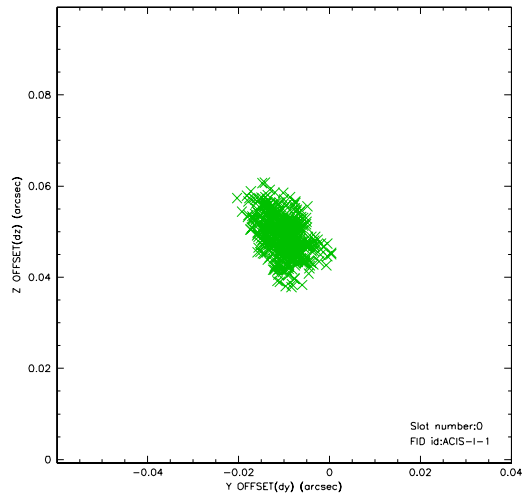


2.4.5 Slot 7

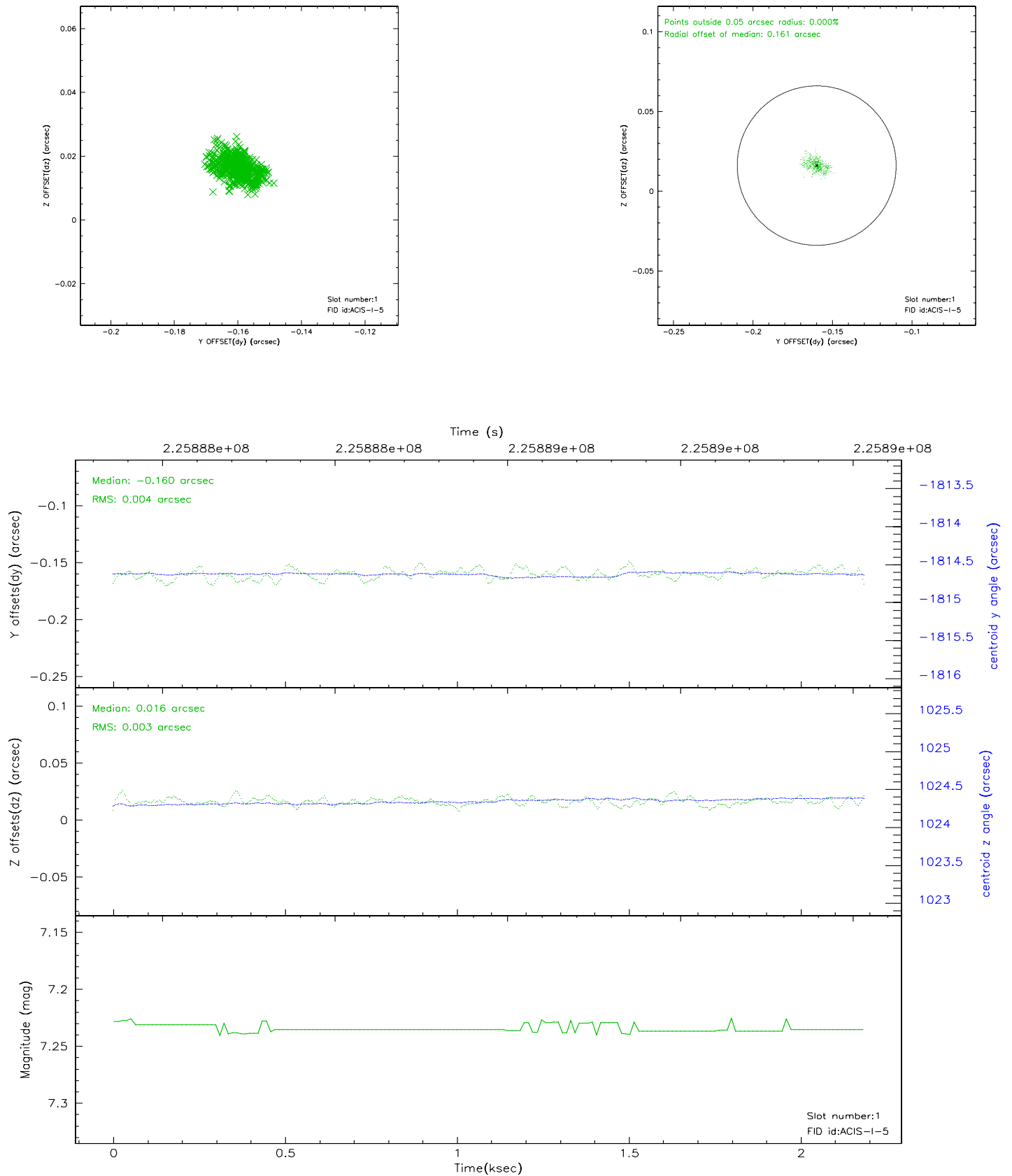


2.5 FID Slots

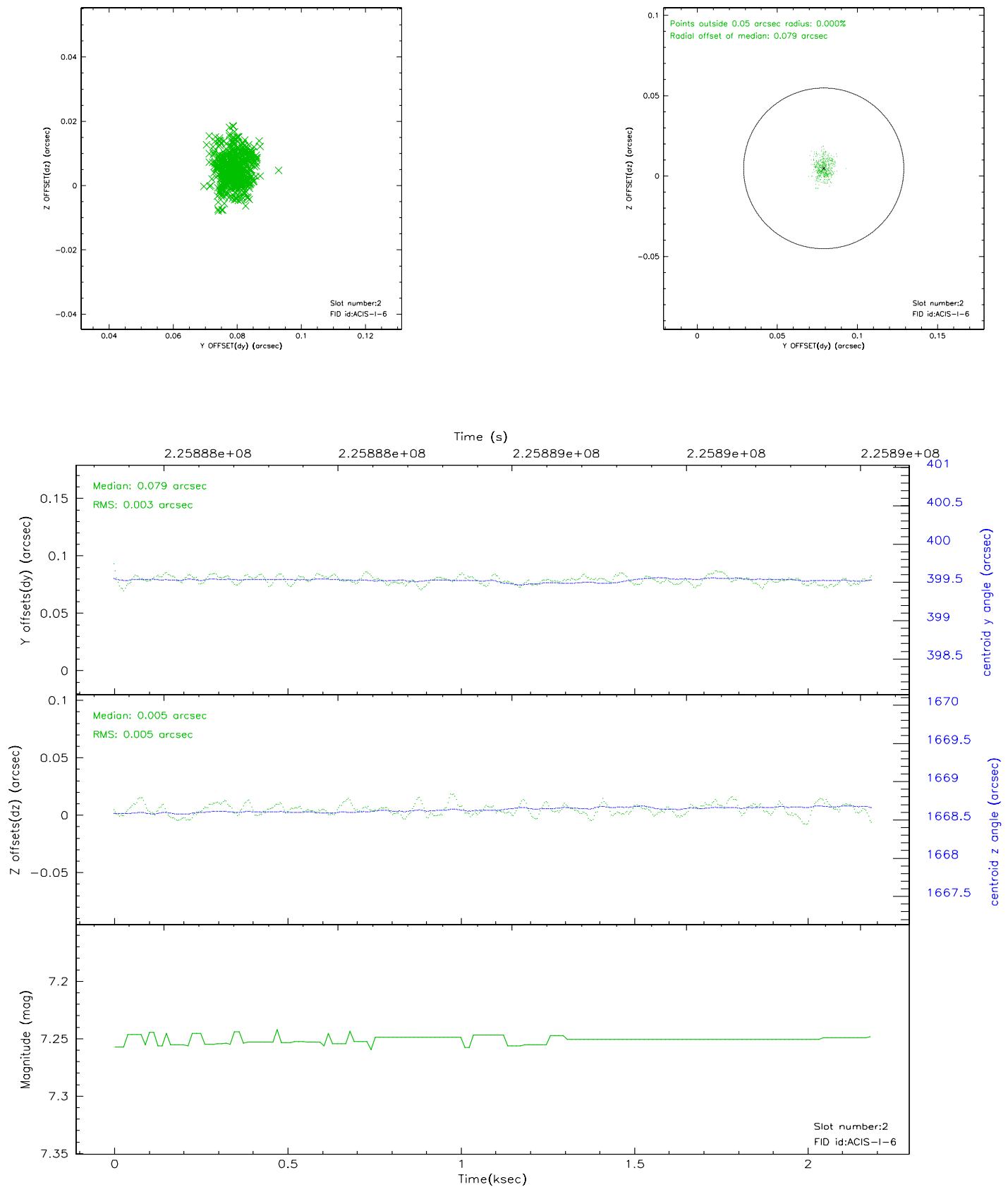
2.5.1 Slot 0



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)	2006.02.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.179258

A.2 Comments