

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3069 - L2 Version 001
Chandra X-Ray Center

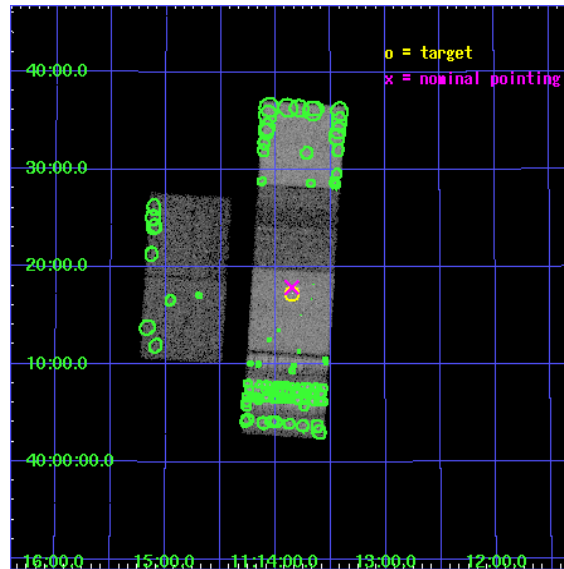
L2 Processing Date : Aug 26 2006

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

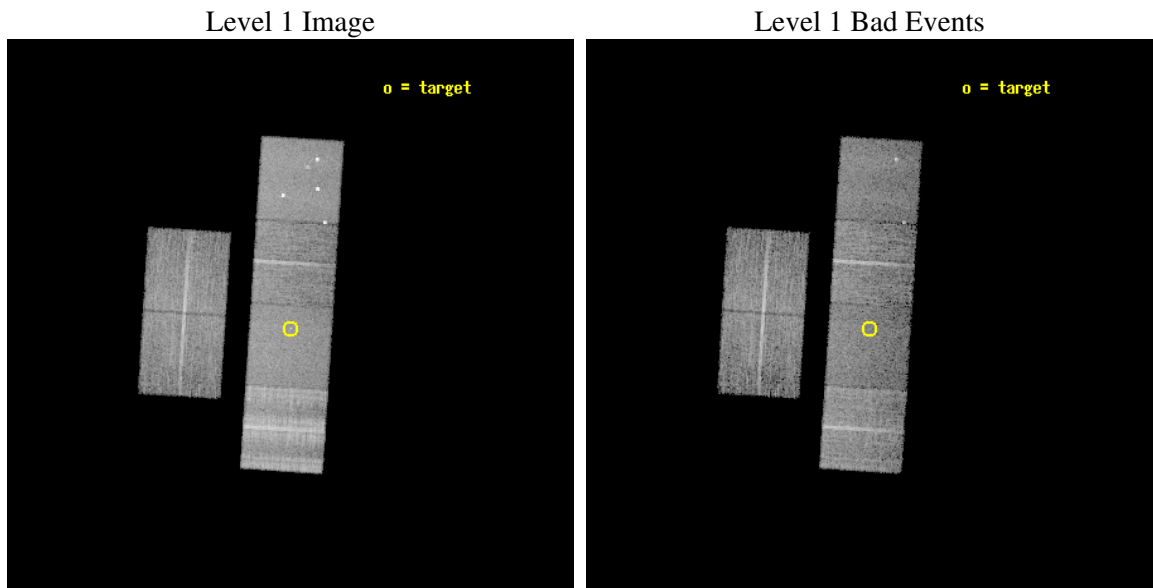
seq_num	700508
obs_id	3069
title	X-RAY WEAK BROAD-LINE QUASARS: ABSORPTION OR INTRINSIC X_RAY WEAKNESS ?
observer	Dr Guido Risaliti
object	HS 1111+4033
dtcycle	0
cycle	P
ra_targ	168.461667
dec_targ	40.289167
ra_nom	168.46306890962
dec_nom	40.298817160186
roll_nom	93.681710217807
revision	2
ontime	9753.6000090837
livetime	9630.0940528559
ontime2	9753.6000090837
ontime3	9753.6000090837
ontime5	9753.6000090837
ontime6	9753.6000090837
ontime7	9753.6000090837
ontime8	9750.3590388298
l2events	139354



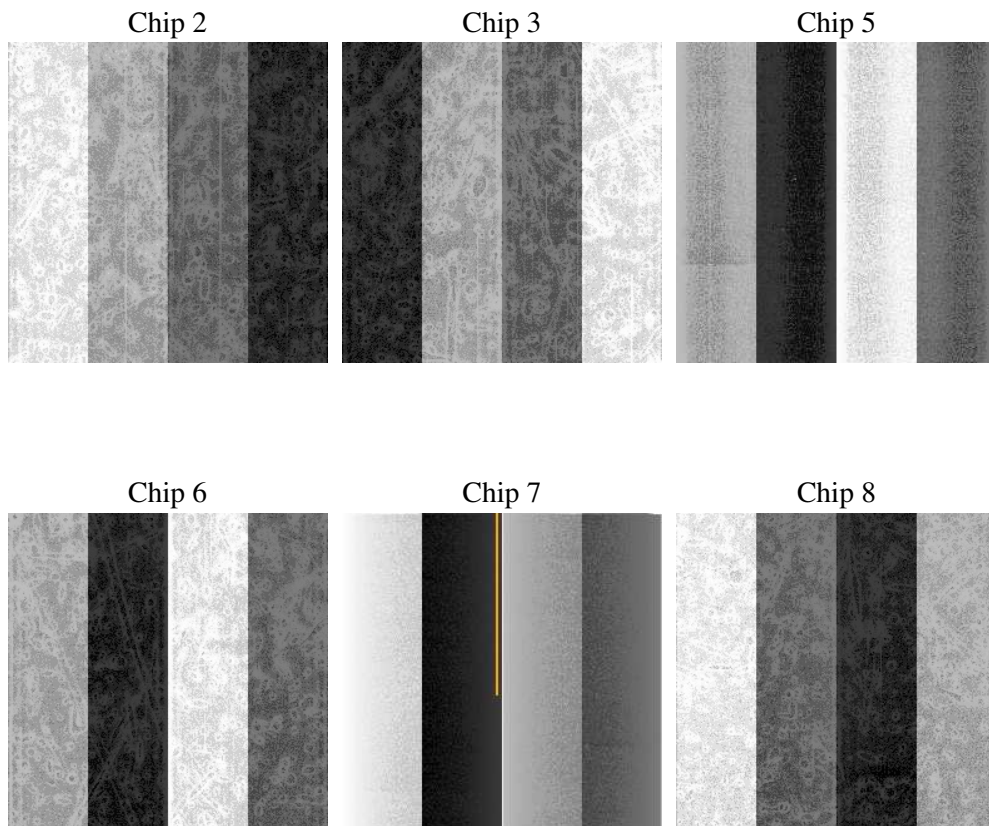
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-08-26T05:35:25
revision	2

sched_exp_time	10000.000000
ontime	9758.6561222374
ontime2	9758.6561222374
ontime3	9758.6561222374
ontime5	9758.6561222374
ontime6	9758.6561222374
ontime7	9758.6561222374
ontime8	9755.415022403
l1events	557507

2.1.4 Events

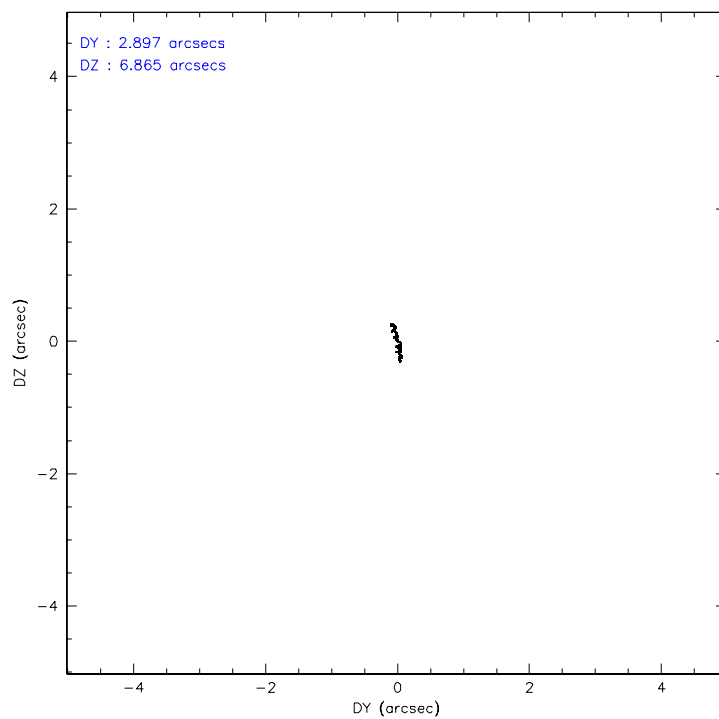
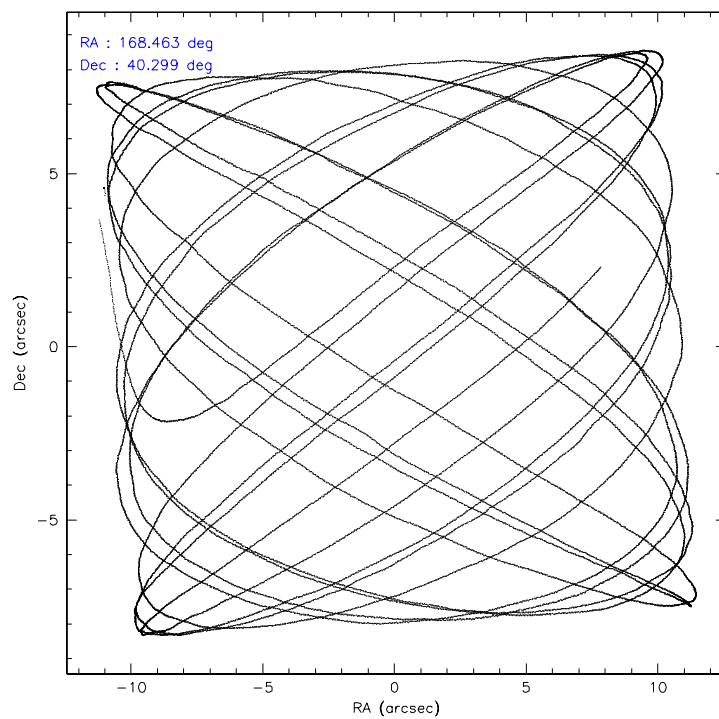
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	79607	74175	100104	77288	88516	137817
rejected events	66990	62253	52250	64338	51462	76048
rejected %	84%	83%	52%	83%	58%	55%

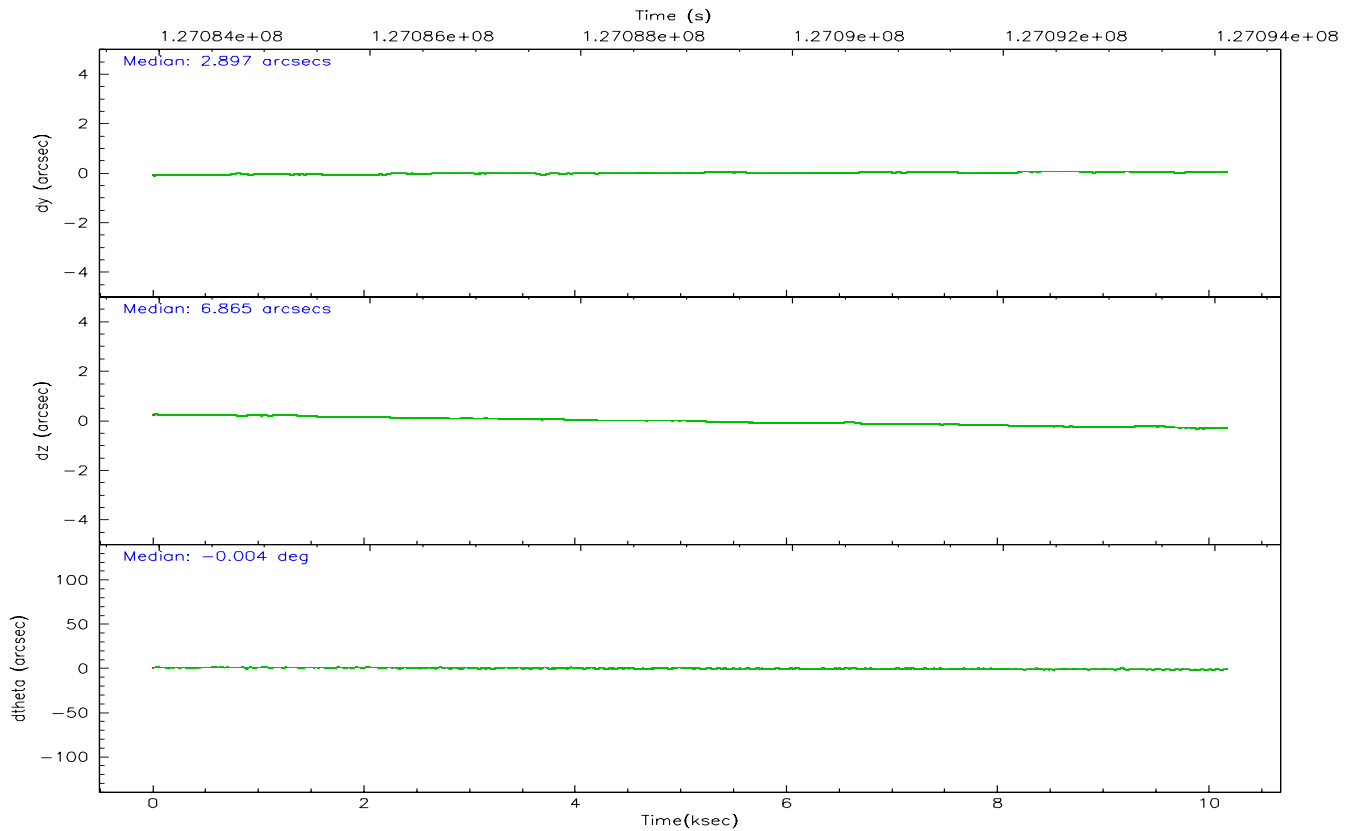
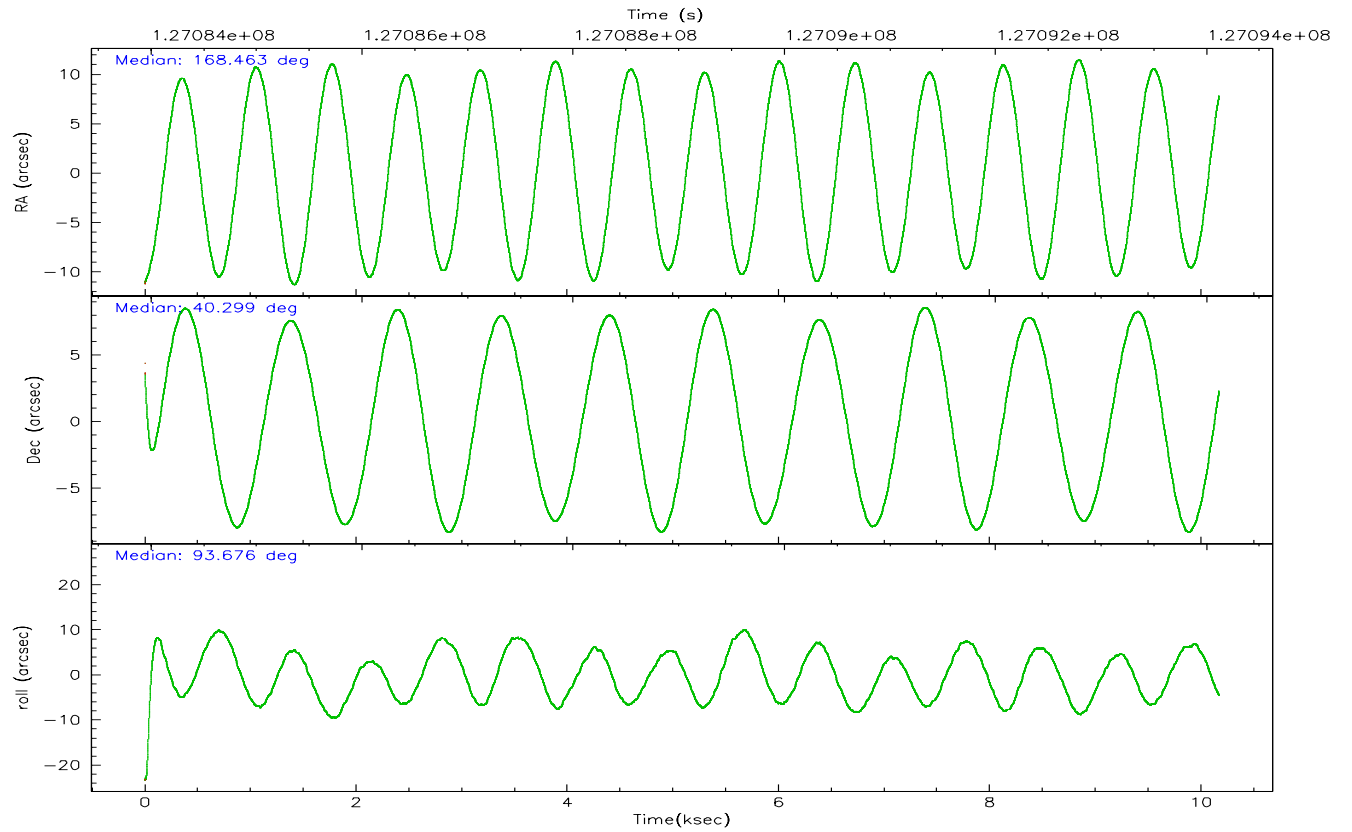
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	5553	5103	6673	5681	2816	19641
	6%	6%	6%	7%	3%	14%
grade 1 events	49	35	235	42	54	137
	0%	0%	0%	0%	0%	0%
grade 2 events	3248	2934	14366	3238	9233	9980
	4%	3%	14%	4%	10%	7%
grade 3 events	752	802	1491	828	2147	9969
	0%	1%	1%	1%	2%	7%
grade 4 events	880	841	1340	879	2136	8810
	1%	1%	1%	1%	2%	6%
grade 5 events	2226	2419	4792	2609	5688	3870
	2%	3%	4%	3%	6%	2%
grade 6 events	2187	2249	24001	2328	20738	13391
	2%	3%	23%	3%	23%	9%
grade 7 events	64712	59792	47206	61683	45704	72019
	81%	80%	47%	79%	51%	52%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	168.483279	168.4630689096225	Alternating exposures requested	N	N
Pointing Dec	40.276330	40.29881716018554	Primary exposure time	0.000000	3.2
Pointing Roll	93.512055	93.68171021780729			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	127084118.184000	127083229.90862			
Observation start date	2002-01-10T21:07:34	2002-01-10T20:53:49			
Observation end time	127094118.184000	127094445.97157			
Observation end date	2002-01-10T23:54:14	2002-01-11T00:00:45			
Read mode	TIMED	TIMED			

2.3 Aspect



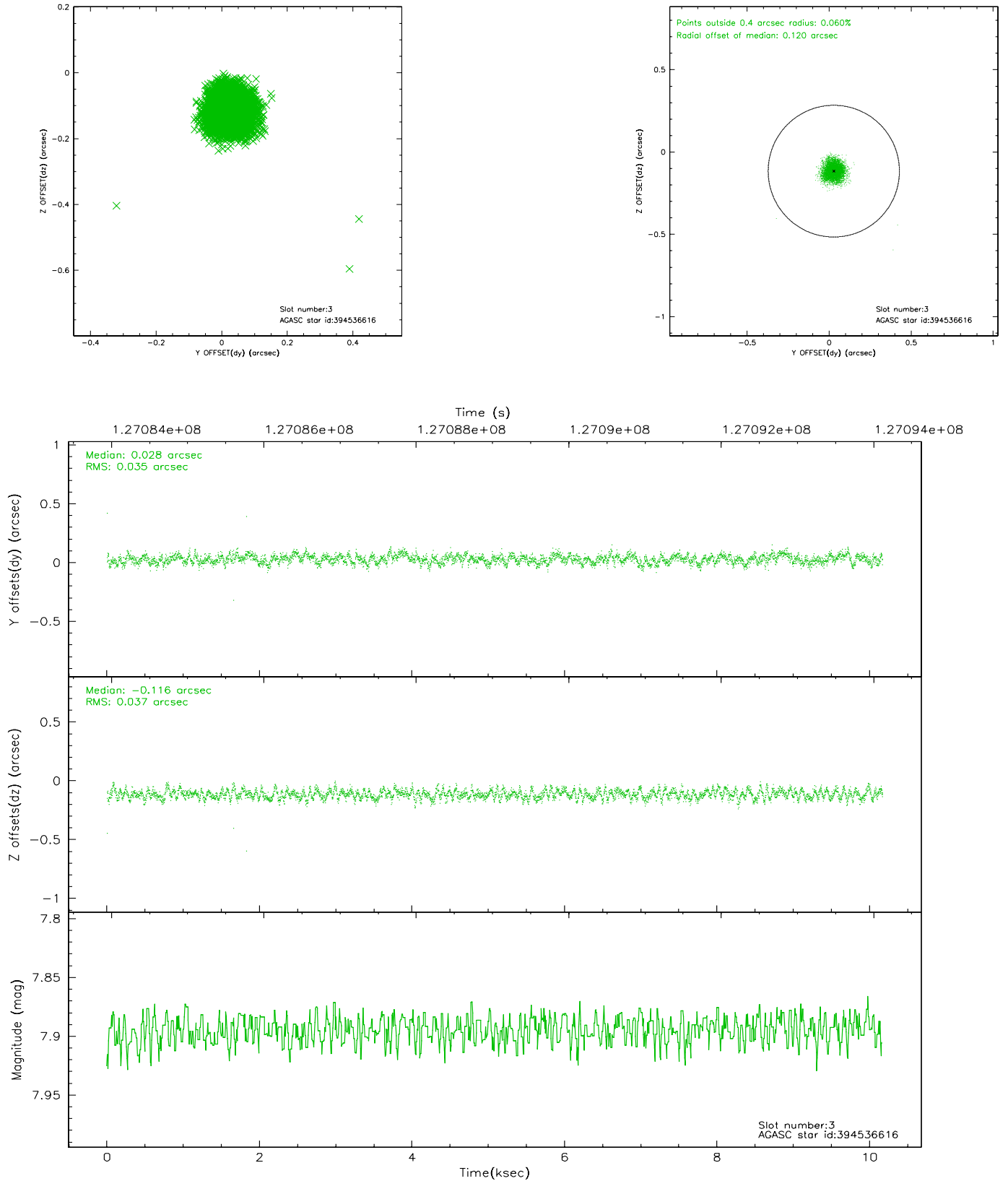


Slot Statistics

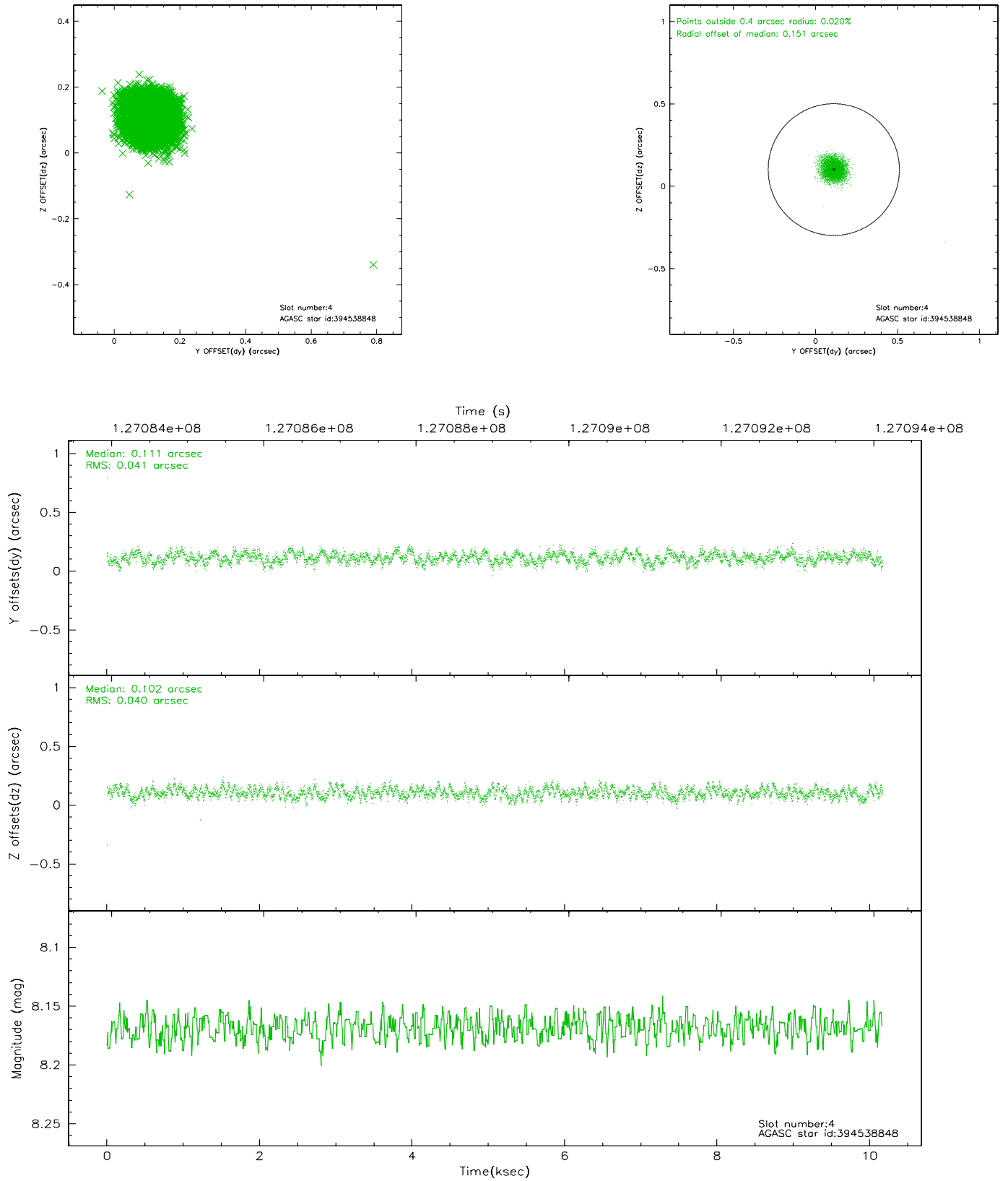
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	2481	-0.006	0.032	0.008	0.013	0.000000	0.000000	-755.53	-1727.98
1	FID	ACIS-S-4	7.20	2481	-0.077	-0.006	0.006	0.012	0.000000	0.000000	2157.43	179.95
2	FID	ACIS-S-5	7.24	2482	0.052	-0.017	0.007	0.011	0.000000	0.000000	-1807.66	174.17
3	GUIDE	394536616	7.89	4962	0.028	-0.116	0.054	0.084	168.478245	39.977764	-1071.21	78.78
4	GUIDE	394538848	8.17	4961	0.111	0.102	0.061	0.095	168.933756	39.713157	-2096.00	-1122.60
5	GUIDE	394541312	8.86	4955	0.039	-0.080	0.080	0.138	168.142879	40.534286	986.17	871.19
6	GUIDE	394540984	9.07	4962	-0.060	0.150	0.074	0.122	169.035193	40.529906	824.54	-1564.37
7	GUIDE	394536664	9.51	4956	-0.117	-0.055	0.086	0.141	167.975457	40.752410	1800.36	1275.61

2.4 Star Slots

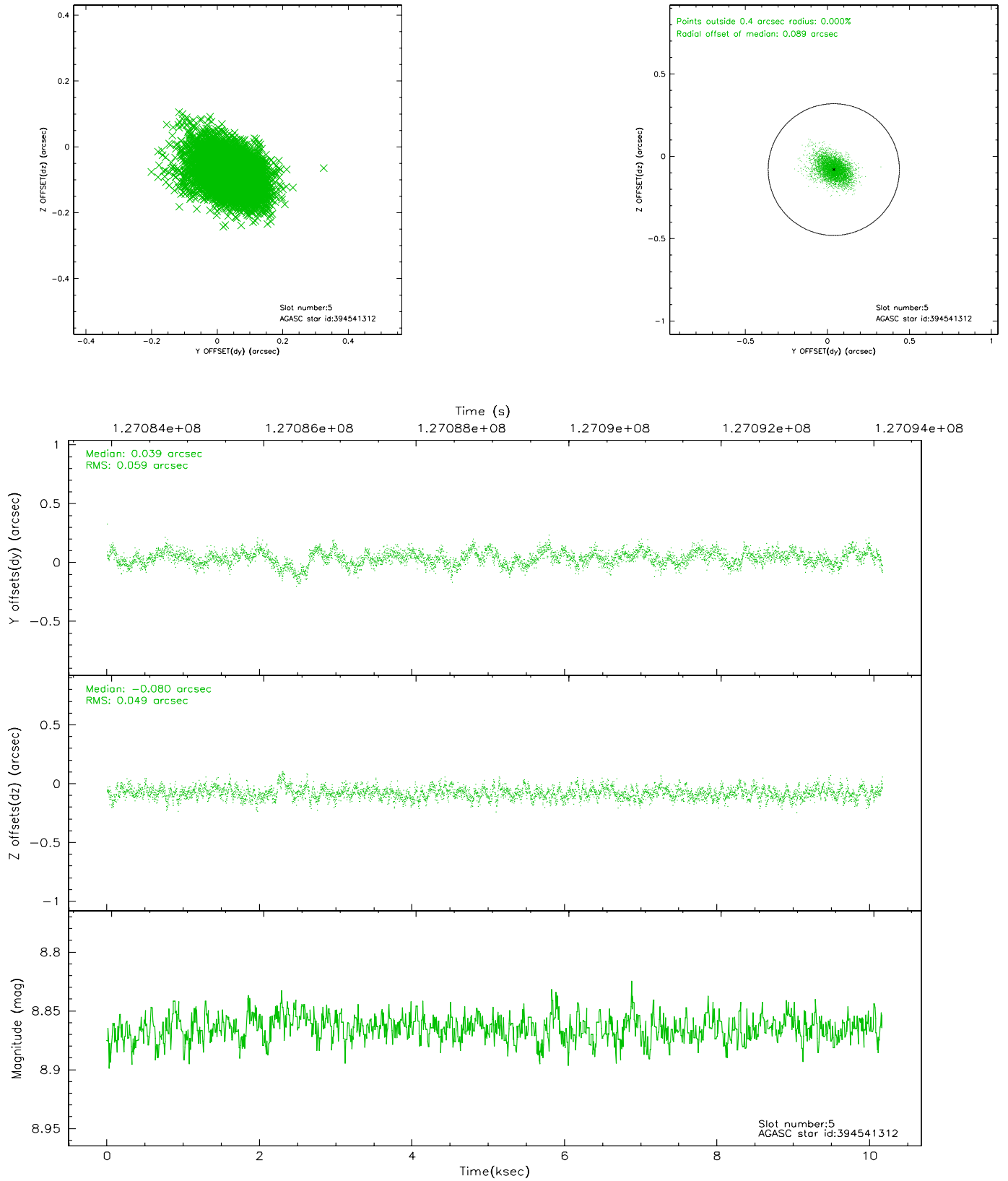
2.4.1 Slot 3



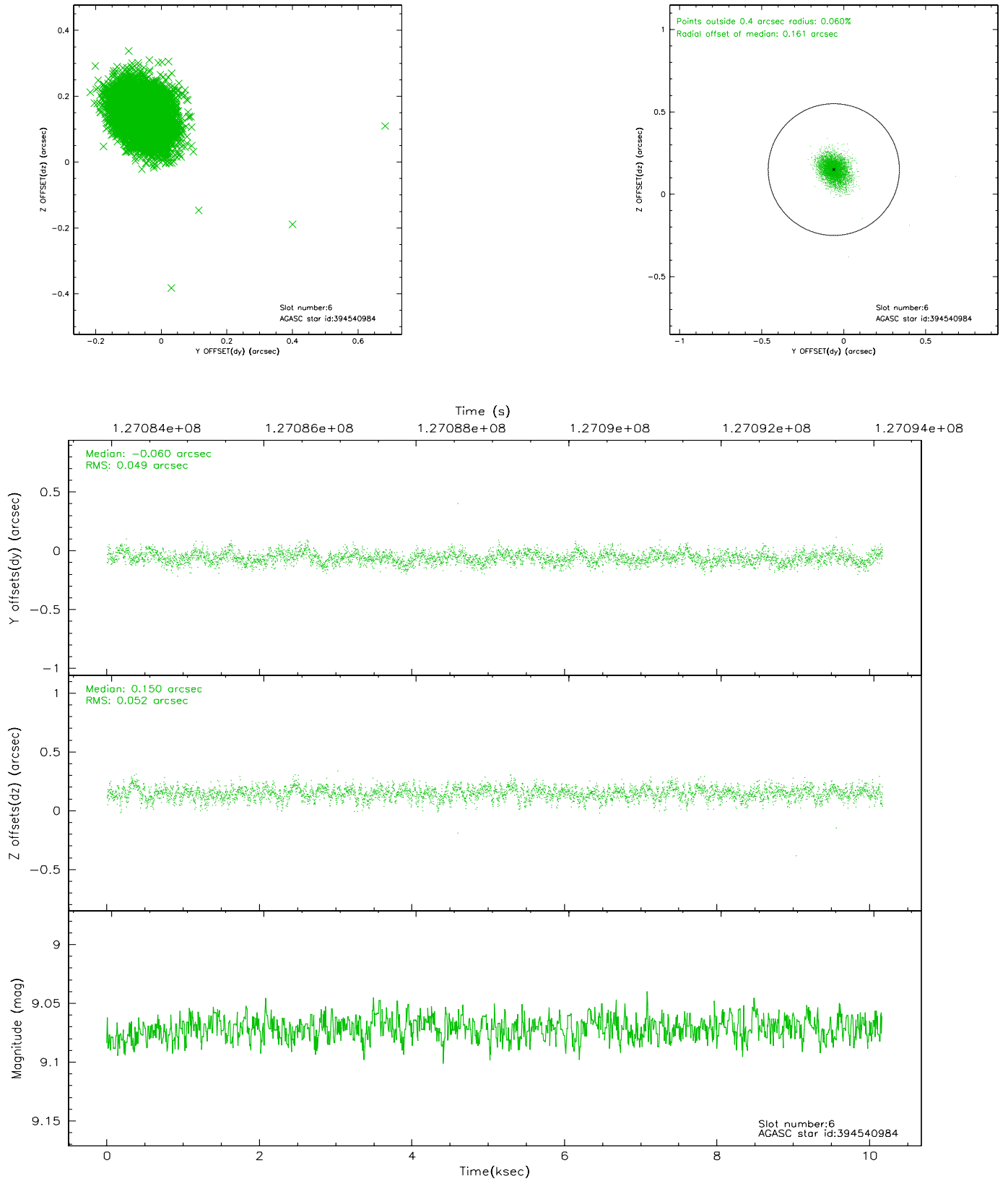
2.4.2 Slot 4



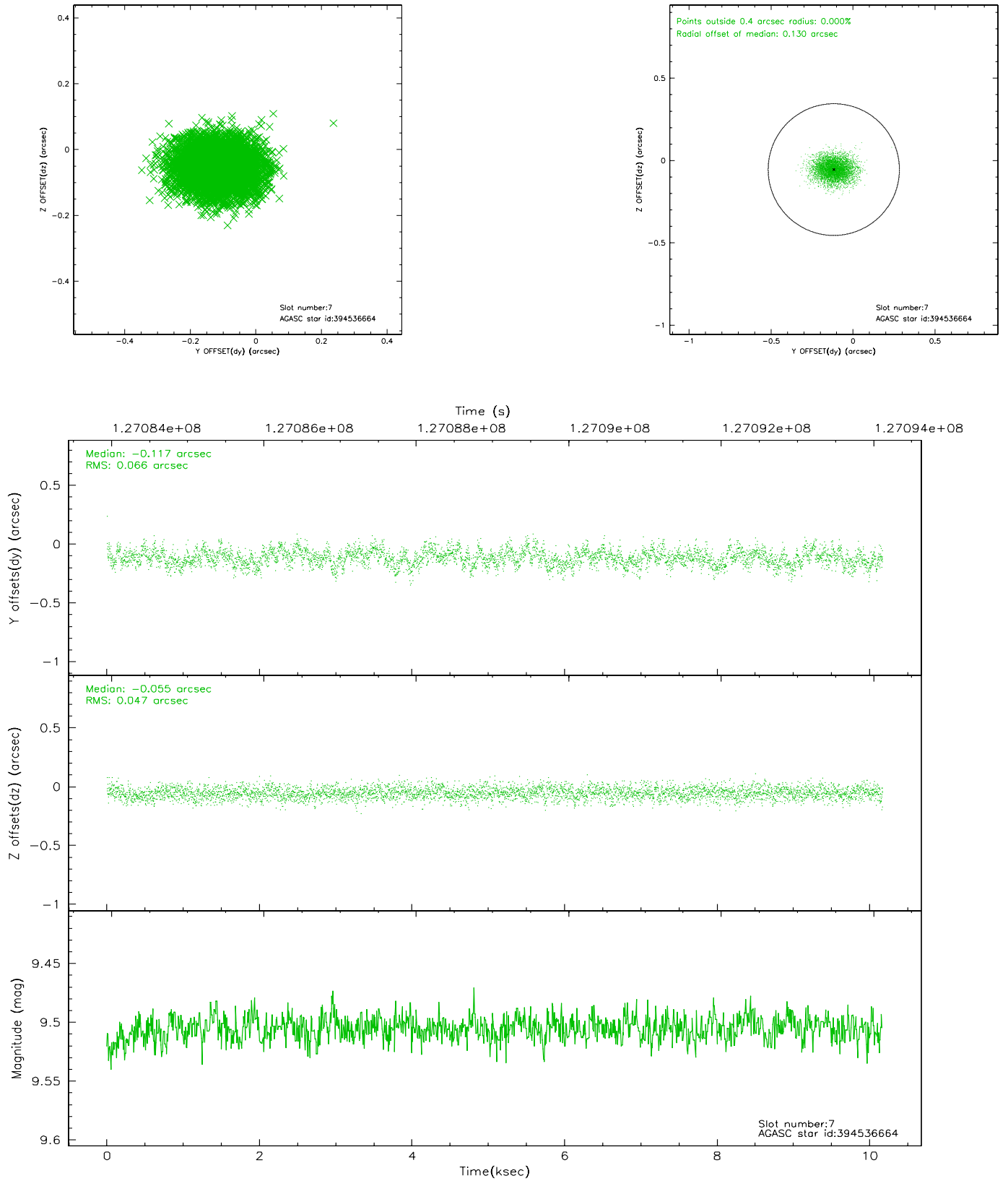
2.4.3 Slot 5



2.4.4 Slot 6

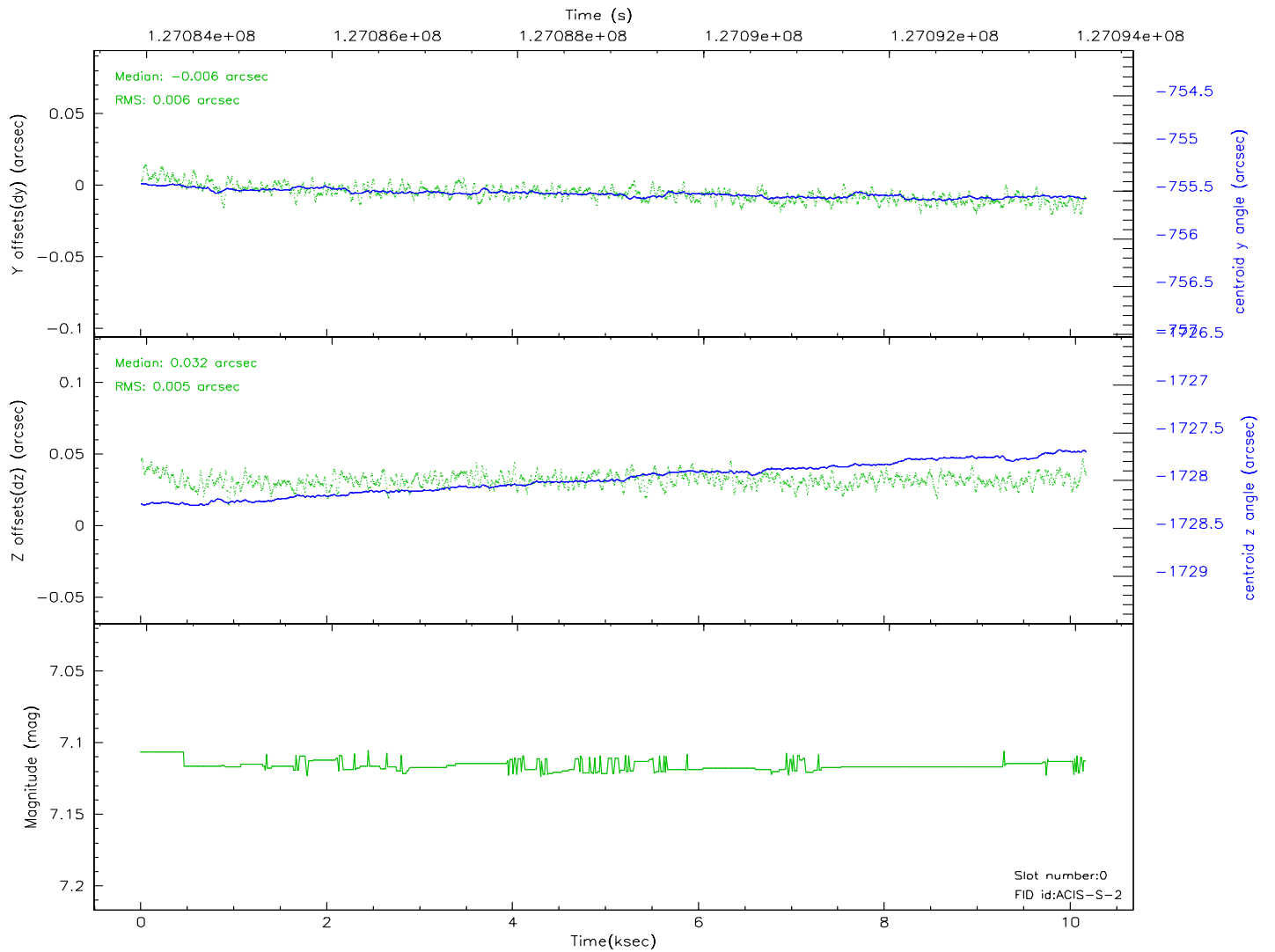
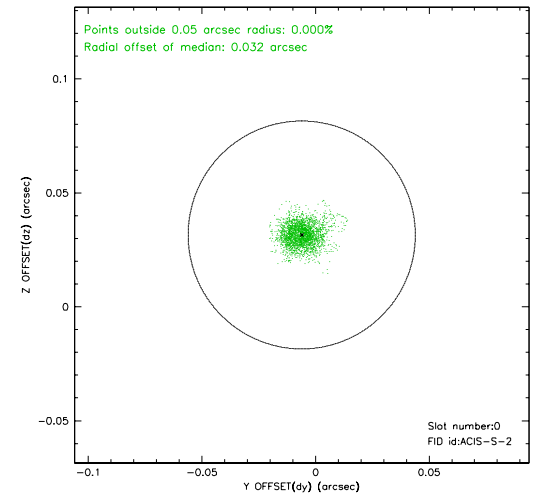
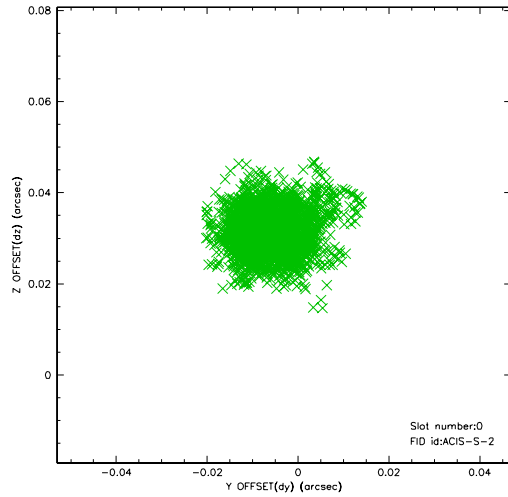


2.4.5 Slot 7

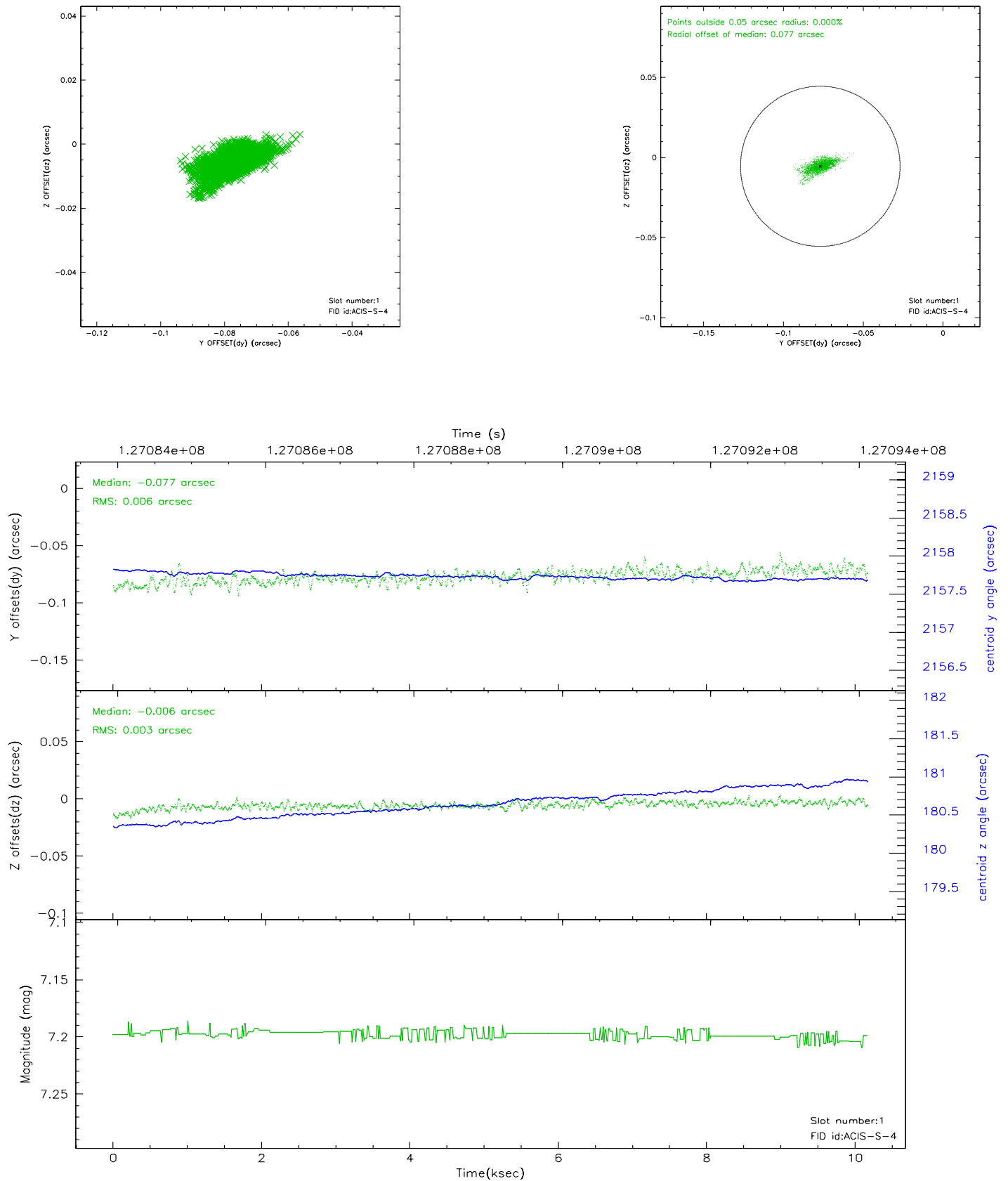


2.5 FID Slots

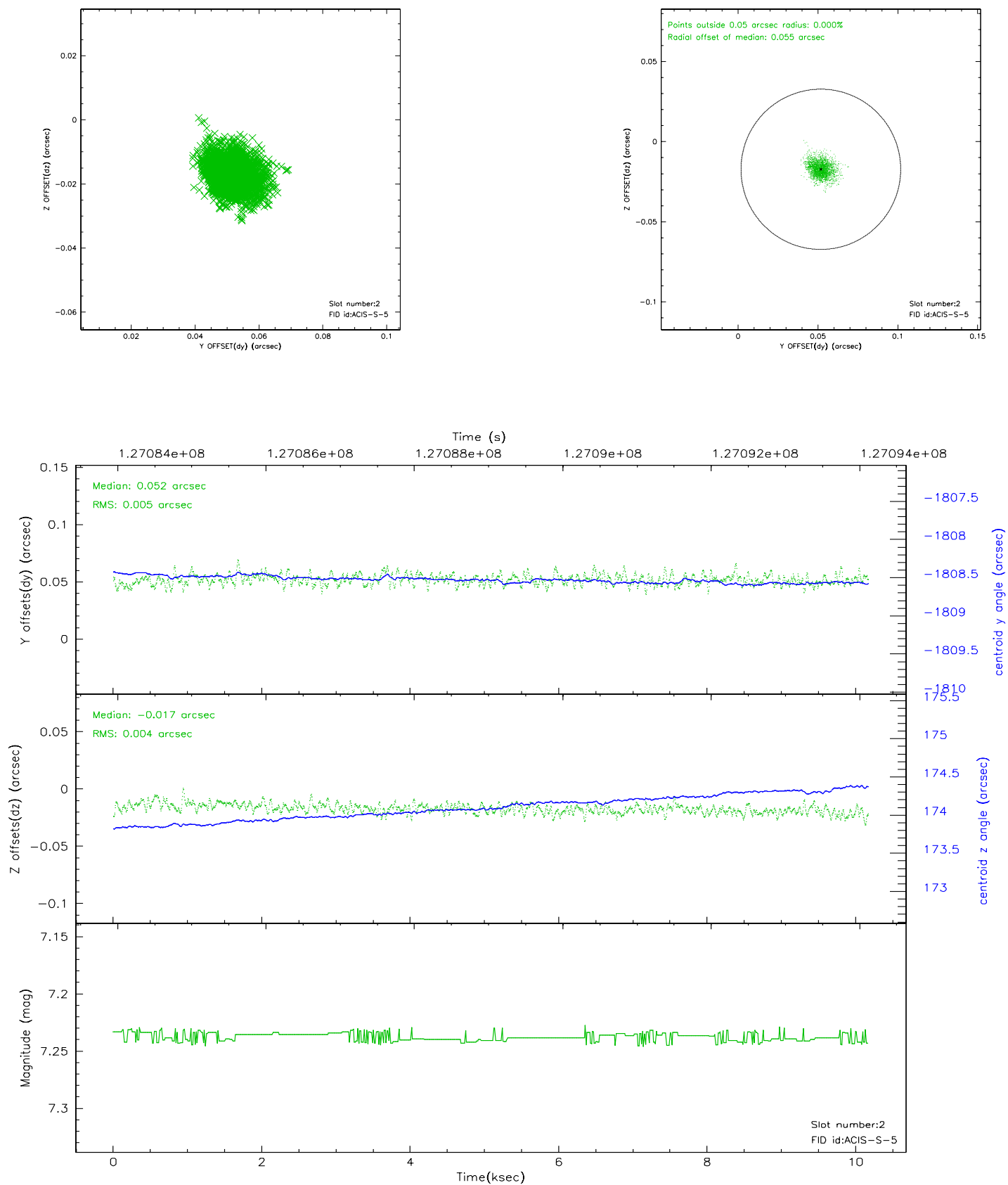
2.5.1 Slot 0



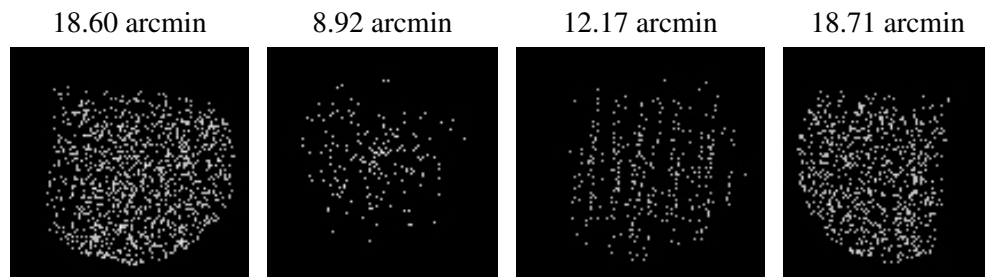
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.08.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.756

A.2 Comments