

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4112 - L2 Version 001
Chandra X-Ray Center

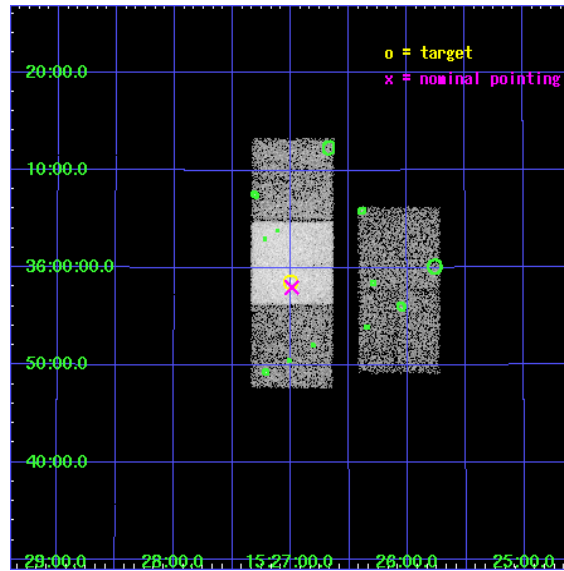
L2 Processing Date : Jul 7 2006

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1 Front

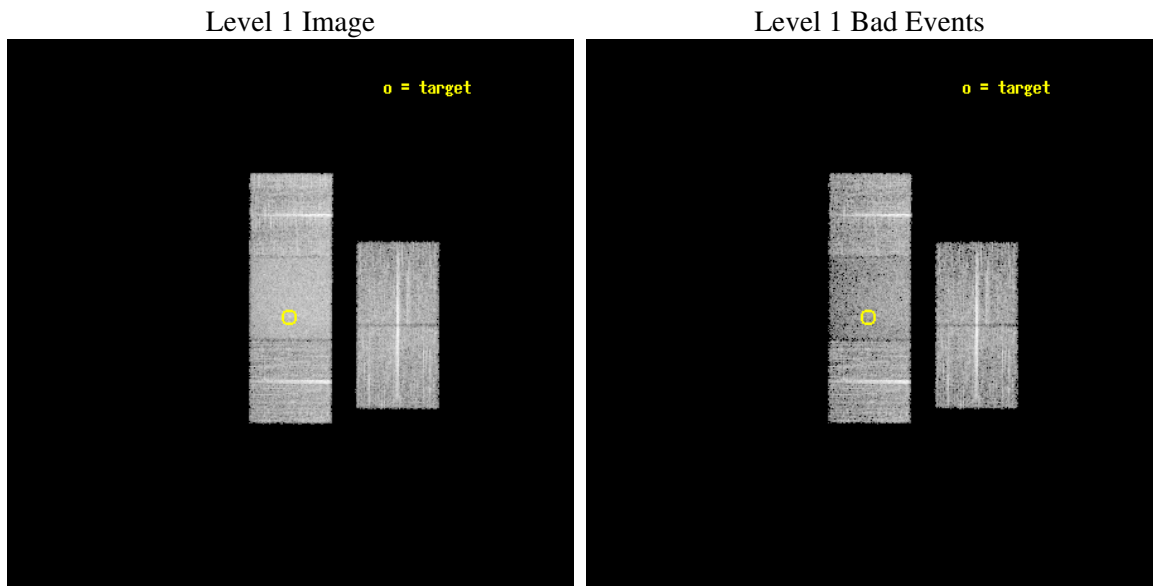
seq_num	700791
obs_id	4112
title	THE X-RAY PROPERTIES OF ULTRALUMINOUS INFRARED GALAXIES (ULIGS)
observer	Prof. Andrew Wilson
object	F15250+3609
dtcycle	0
cycle	P
ra_targ	231.749583
dec_targ	35.976111
ra_nom	231.74758558995
dec_nom	35.966663337283
roll_nom	270.21591368446
revision	2
ontime	9969.5590205789
livetime	9839.2993924924
ontime2	9969.5590205789
ontime3	9972.6999808252
ontime6	9969.5590205789
ontime7	9969.5590205789
ontime8	9969.5590205789
l2events	62943



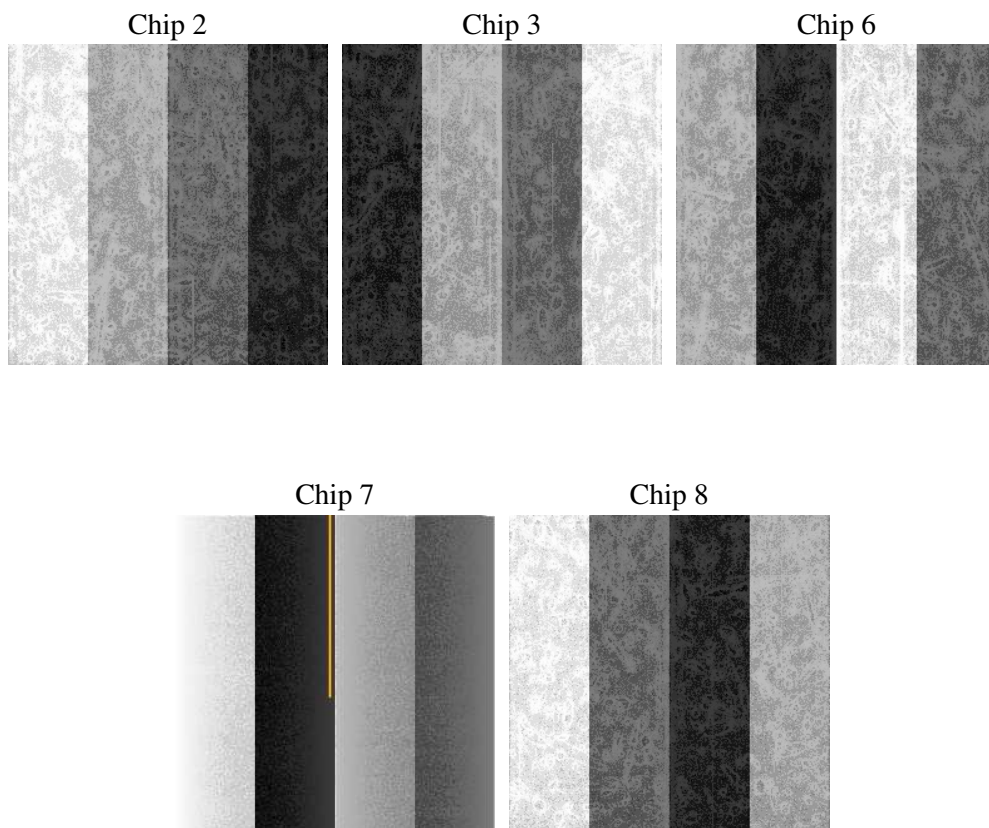
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-07T16:53:13
revision	2

sched_exp_time	9865.000000
ontime	9972.6797267497
ontime2	9972.6797267497
ontime3	9975.820686996
ontime6	9972.6797267497
ontime7	9972.6797267497
ontime8	9972.6797267497
l1events	309642

2.1.4 Events

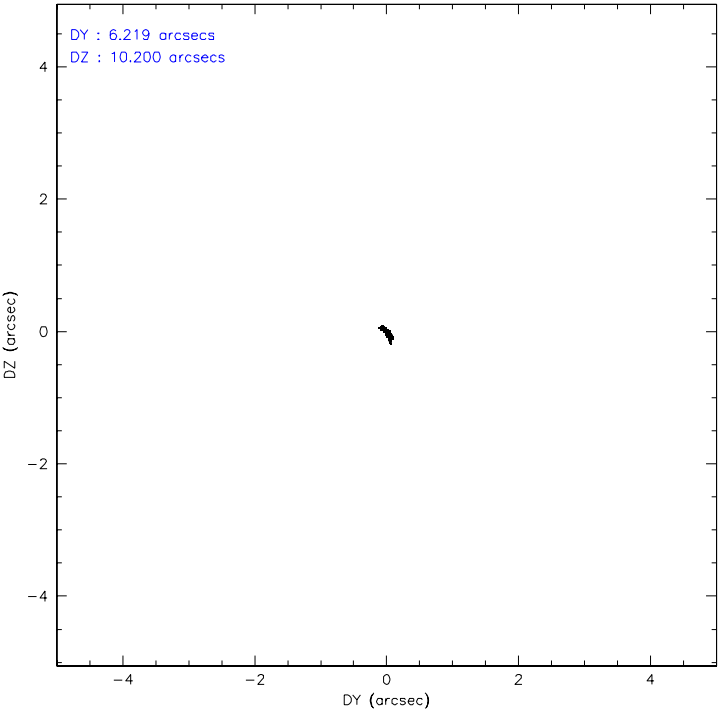
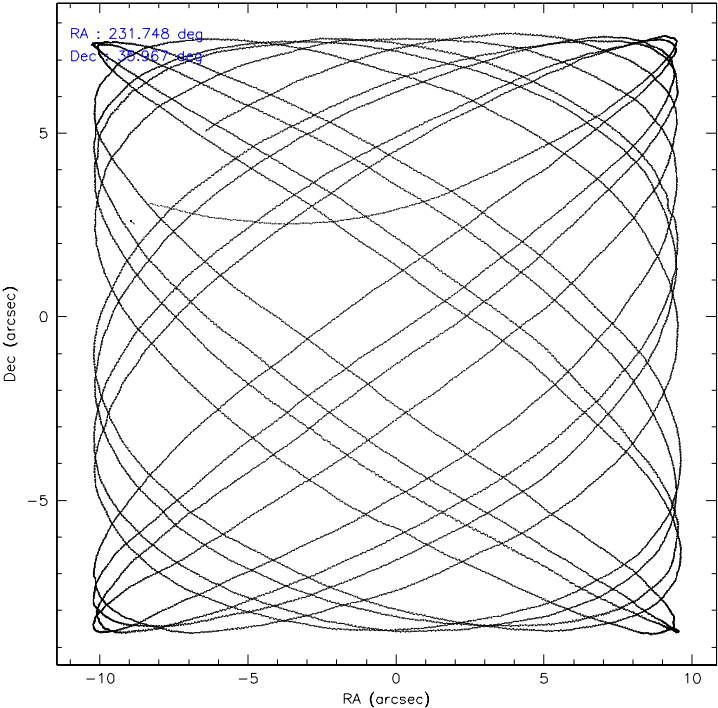
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	56641	52495	56427	72604	71475
rejected events	50333	46268	48829	34874	52911
rejected %	88%	88%	86%	48%	74%

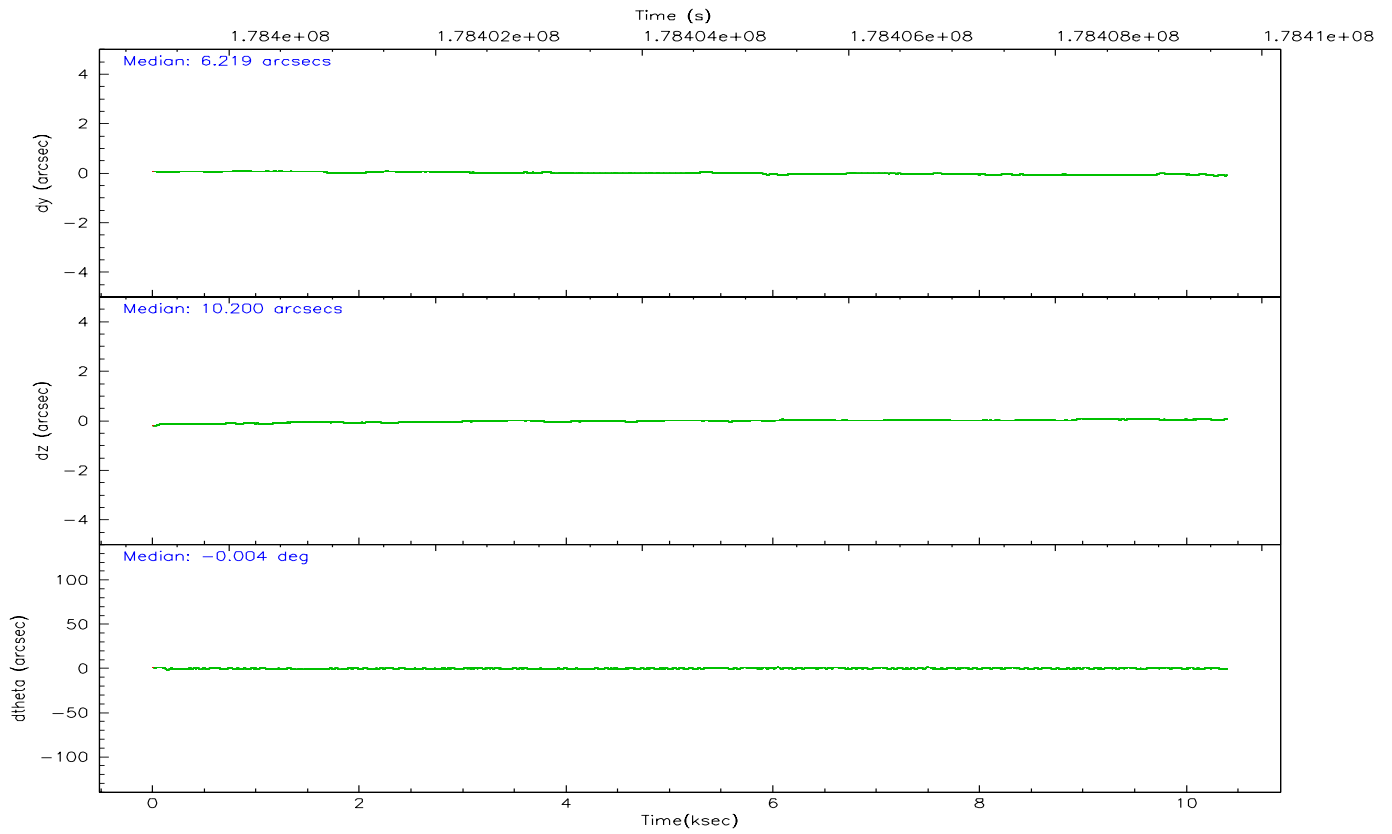
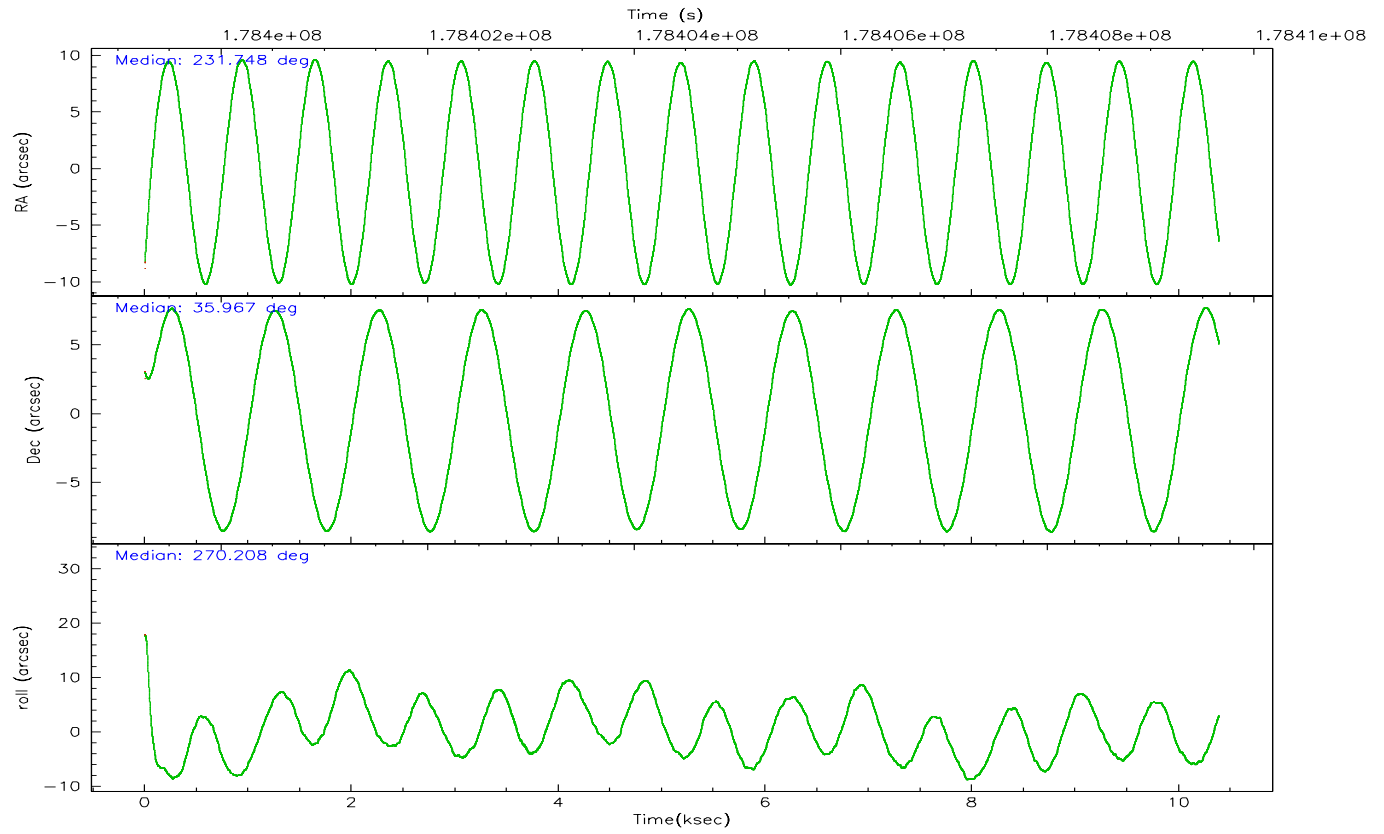
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	2846	2810	3741	2940	7040
	5%	5%	6%	4%	9%
grade 1 events	34	28	28	33	54
	0%	0%	0%	0%	0%
grade 2 events	1298	1127	1337	8603	3716
	2%	2%	2%	11%	5%
grade 3 events	621	634	627	2318	1837
	1%	1%	1%	3%	2%
grade 4 events	595	648	684	2189	1656
	1%	1%	1%	3%	2%
grade 5 events	1735	1999	2099	4523	3025
	3%	3%	3%	6%	4%
grade 6 events	948	1009	1209	21690	4315
	1%	1%	2%	29%	6%
grade 7 events	48564	44240	46702	30308	49832
	85%	84%	82%	41%	69%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23678	ACIS-23678	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	231.730207	231.7475855899501	Alternating exposures requested	N	N
Pointing Dec	35.989924	35.96666333728316	Primary exposure time	0.000000	3.1
Pointing Roll	270.069478	270.2159136844562			
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	178399794.184000	178398662.40246			
Observation start date	2003-08-27T19:28:50	2003-08-27T19:11:02			
Observation end time	178409659.184000	178410461.17796			
Observation end date	2003-08-27T22:13:15	2003-08-27T22:27:41			
Read mode	TIMED	TIMED			

2.3 Aspect



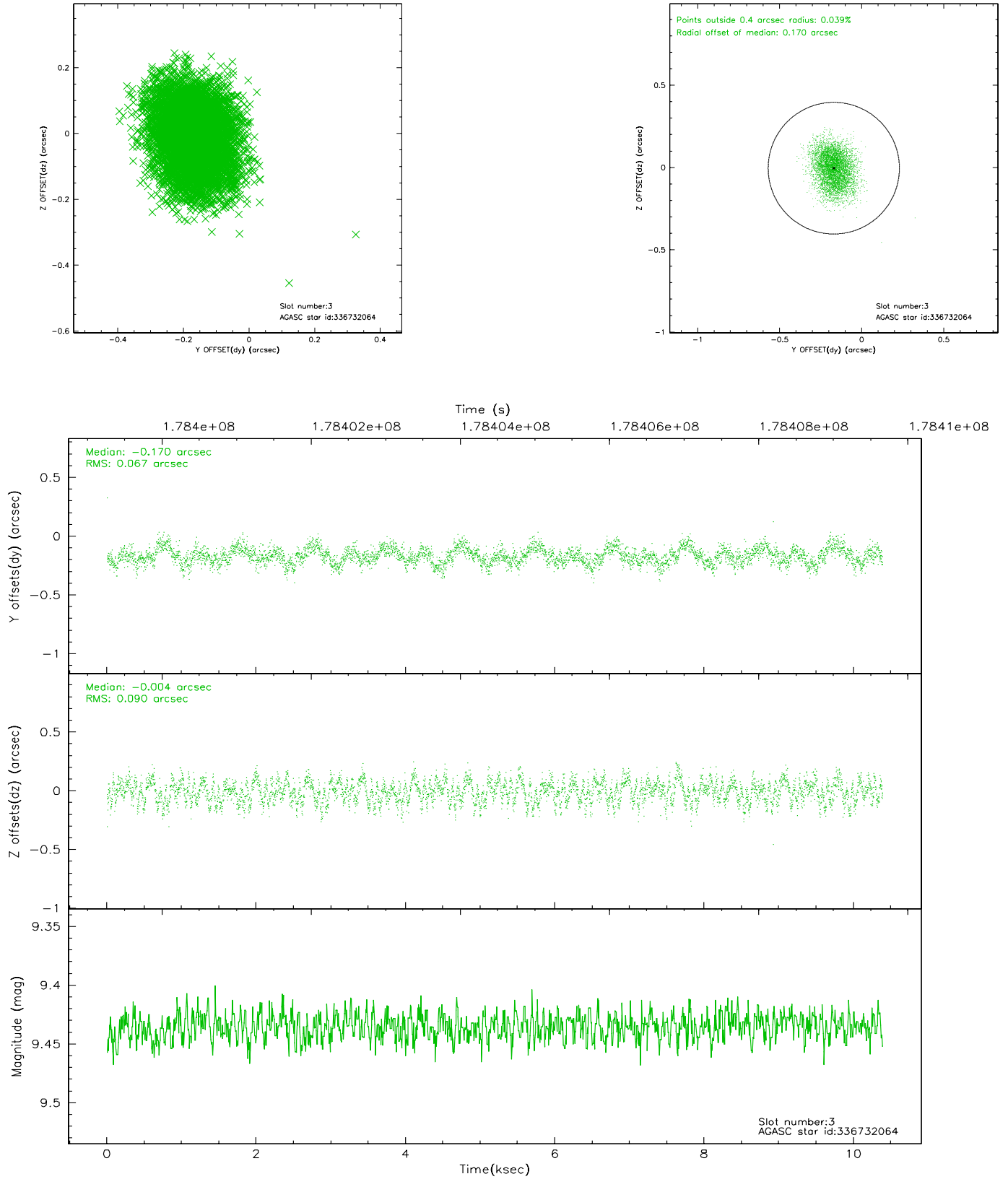


Slot Statistics

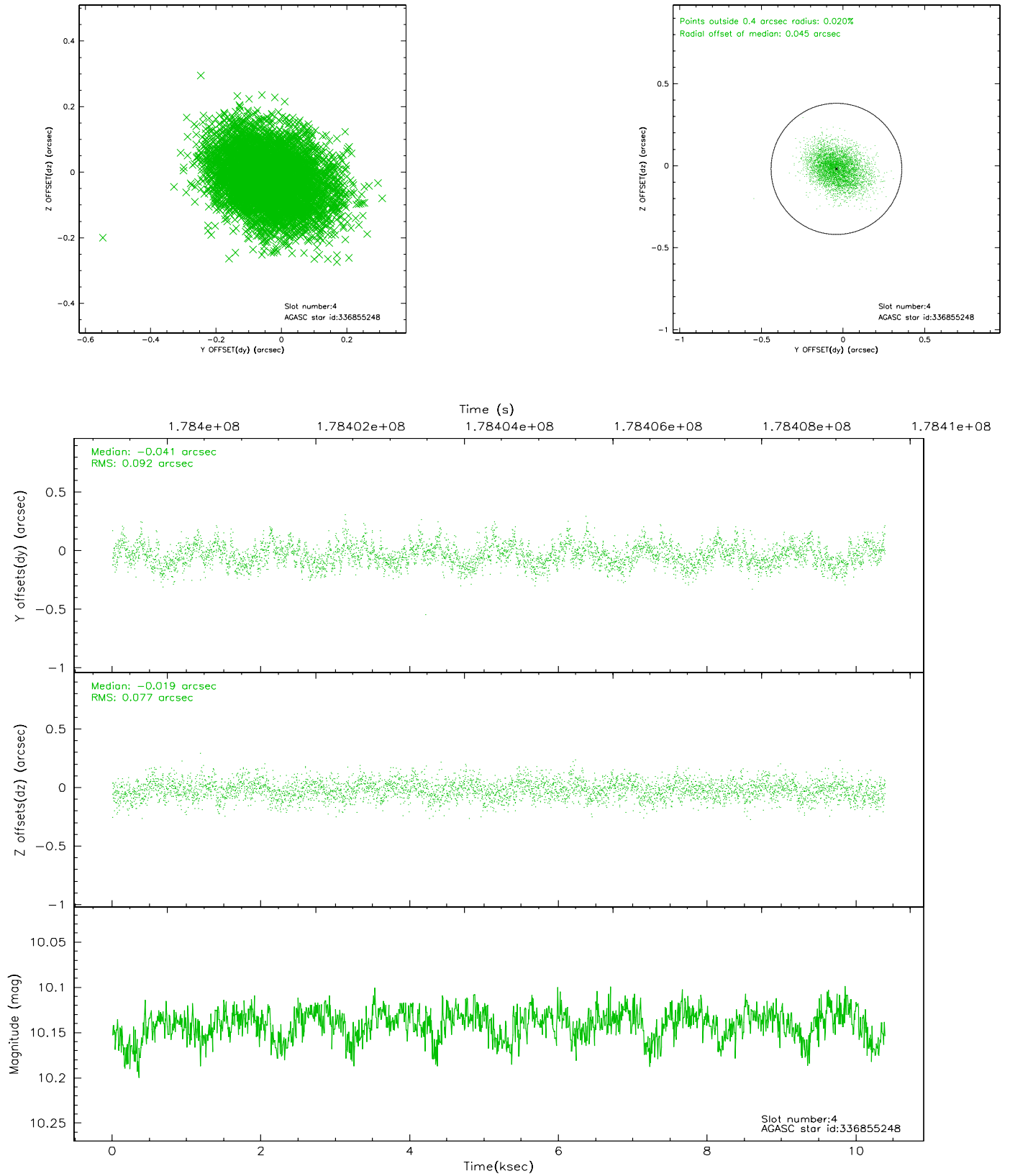
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	2533	-0.040	-0.019	0.005	0.009	0.000000	0.000000	-758.98	-1731.46
1	FID	ACIS-S-4	7.20	2534	0.022	0.027	0.006	0.010	0.000000	0.000000	2154.12	176.56
2	FID	ACIS-S-6	7.34	2534	-0.009	-0.001	0.007	0.011	0.000000	0.000000	403.67	814.49
3	GUIDE	336732064	9.44	5065	-0.170	-0.004	0.119	0.191	230.945933	36.119897	-479.12	-2280.14
4	GUIDE	336855248	10.14	5065	-0.041	-0.019	0.127	0.209	232.142368	36.129284	-502.16	1198.58
5	GUIDE	336864256	9.42	5064	0.230	0.032	0.116	0.186	231.609031	35.372106	2224.26	-357.86
6	GUIDE	336866000	9.80	5068	0.025	0.026	0.096	0.160	231.610177	35.619513	1333.93	-352.75
7	GUIDE	336858896	10.21	5061	-0.048	-0.032	0.140	0.222	232.537539	36.116456	-462.11	2348.16

2.4 Star Slots

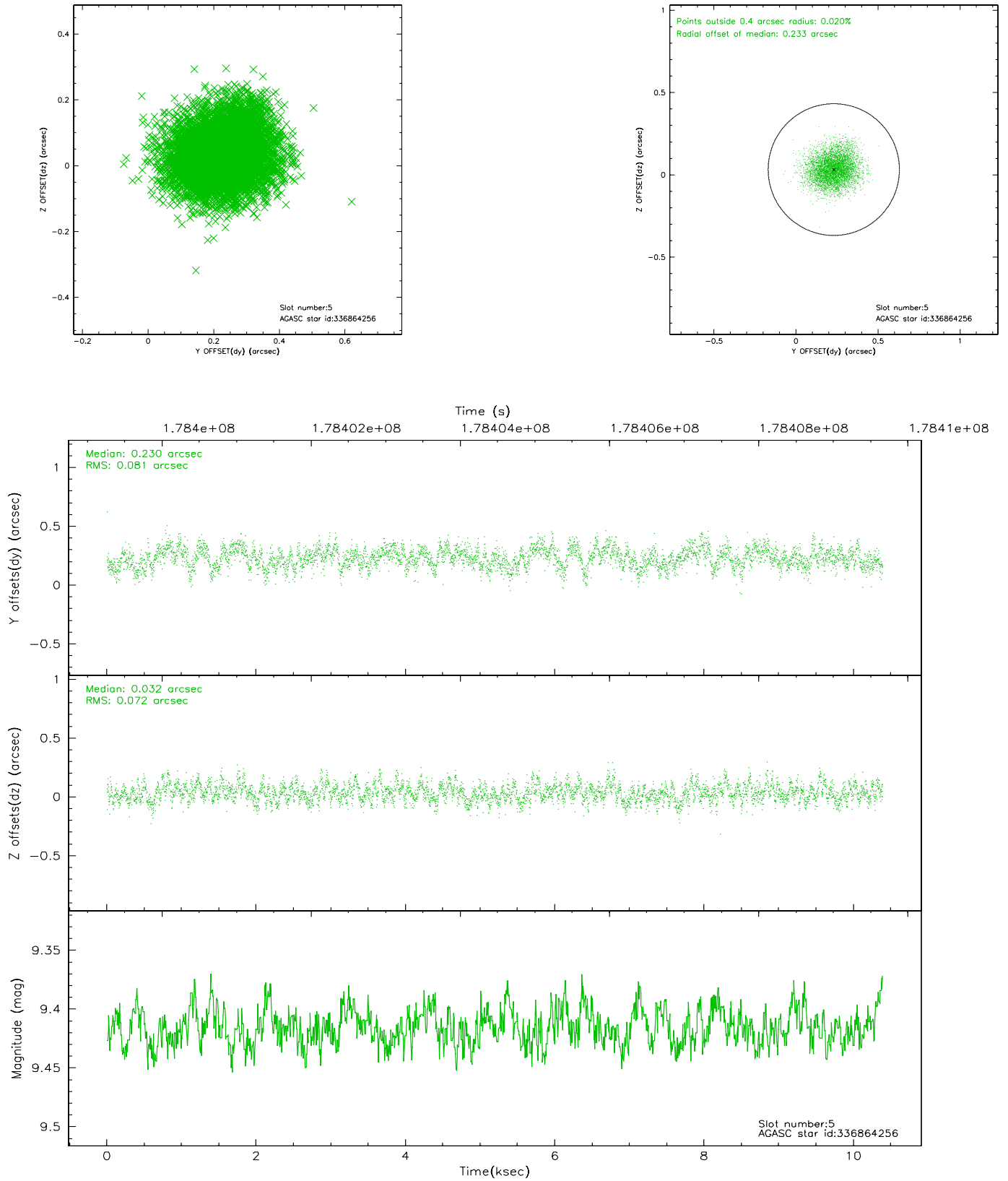
2.4.1 Slot 3



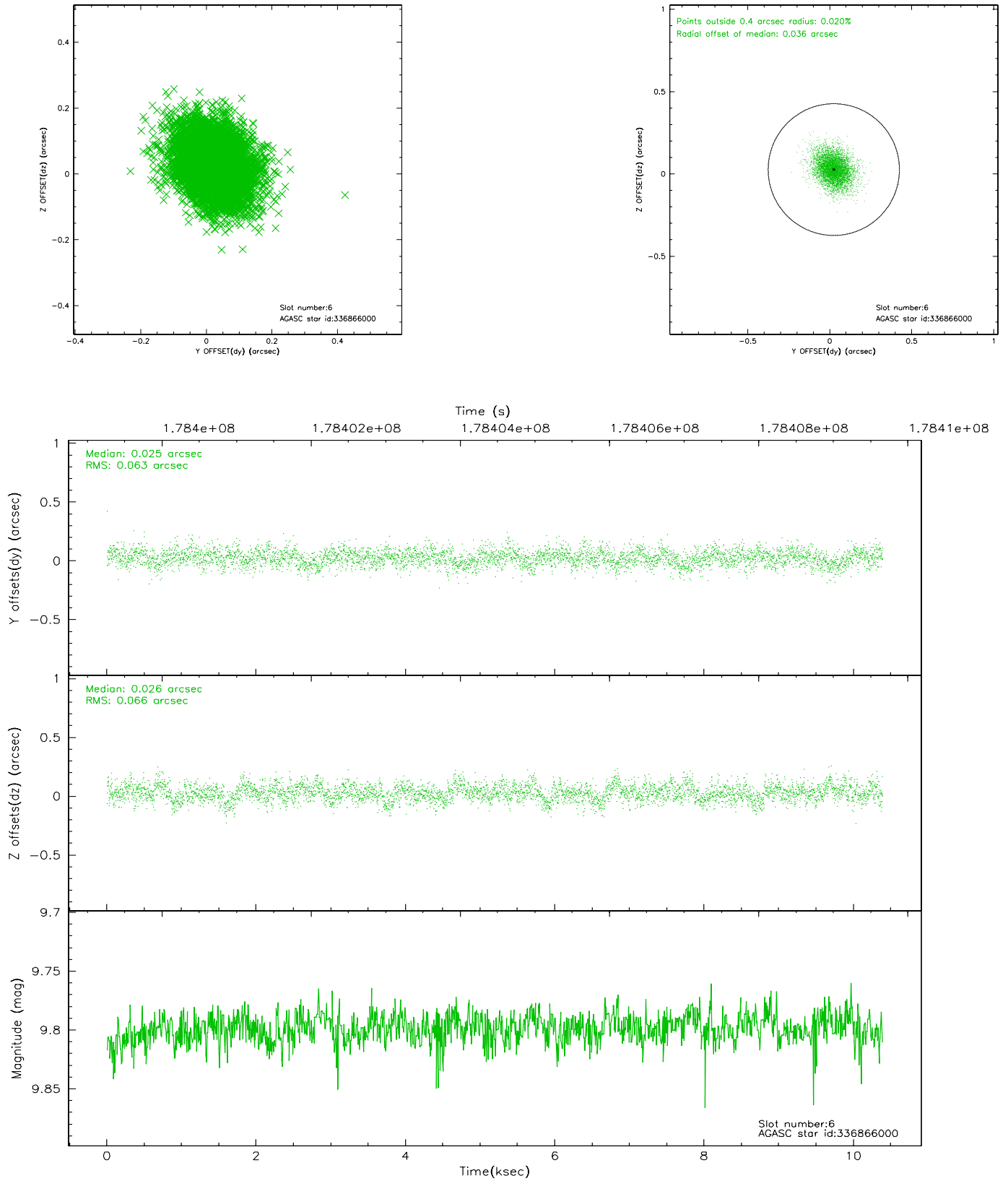
2.4.2 Slot 4



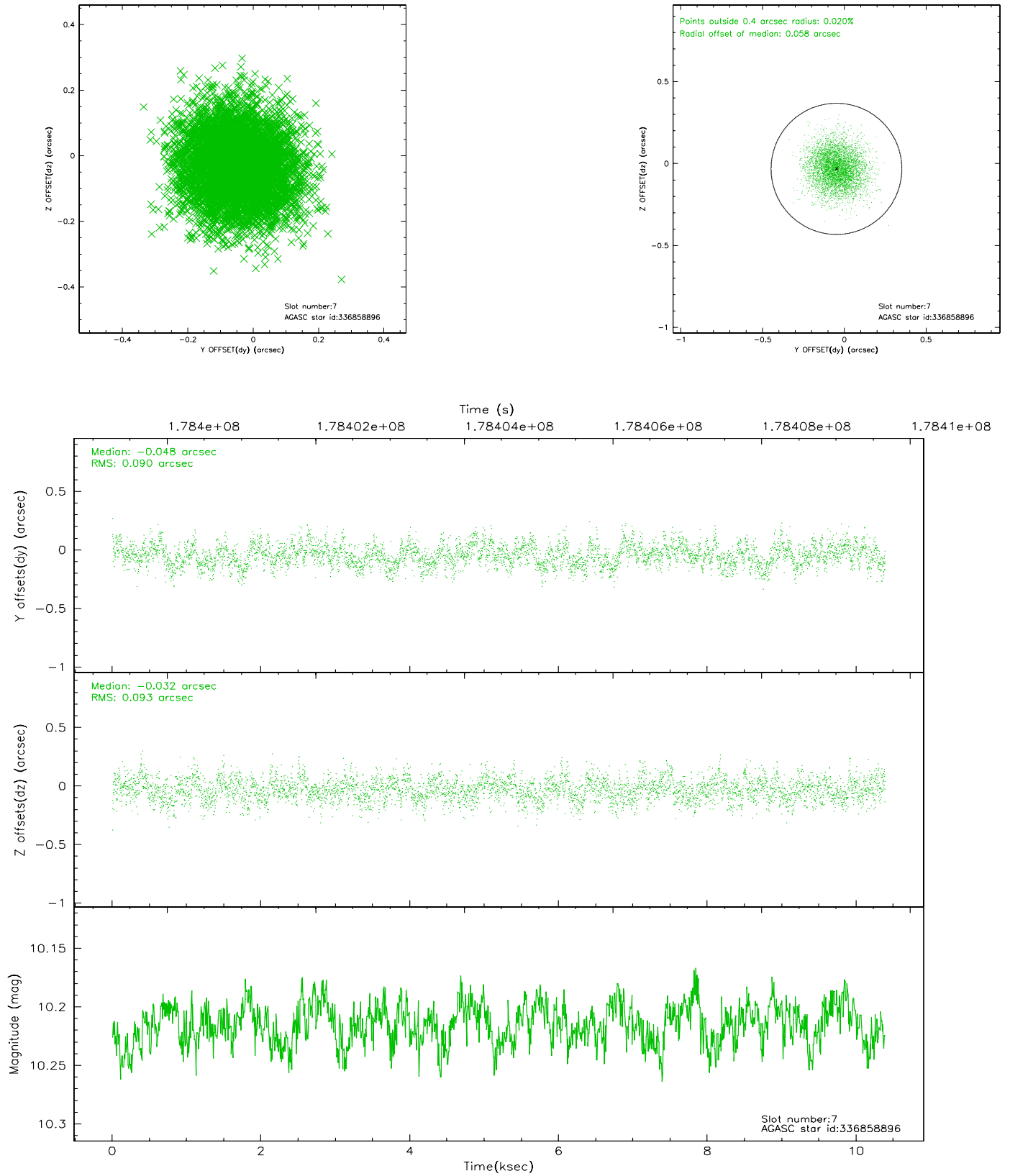
2.4.3 Slot 5



2.4.4 Slot 6

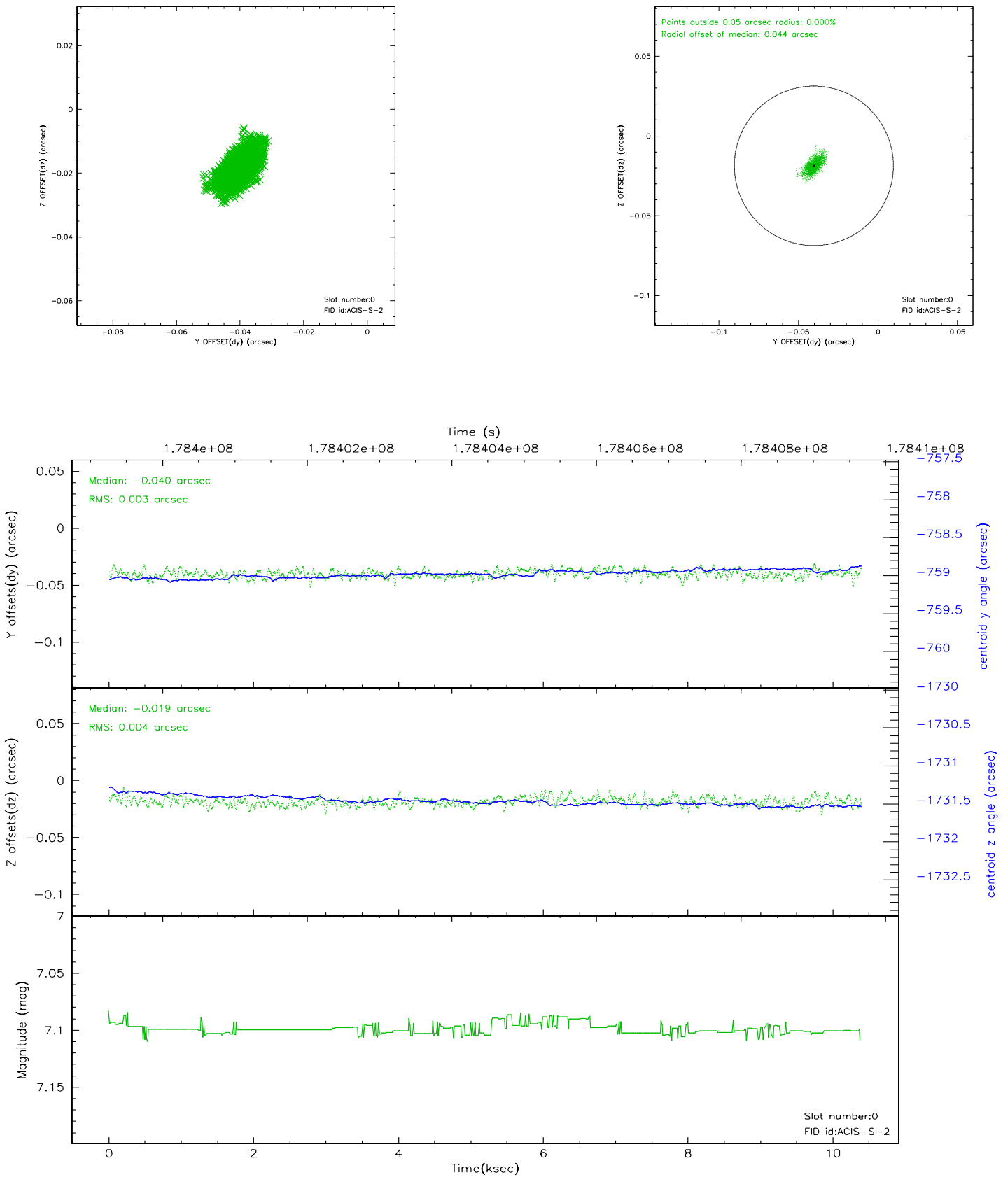


2.4.5 Slot 7

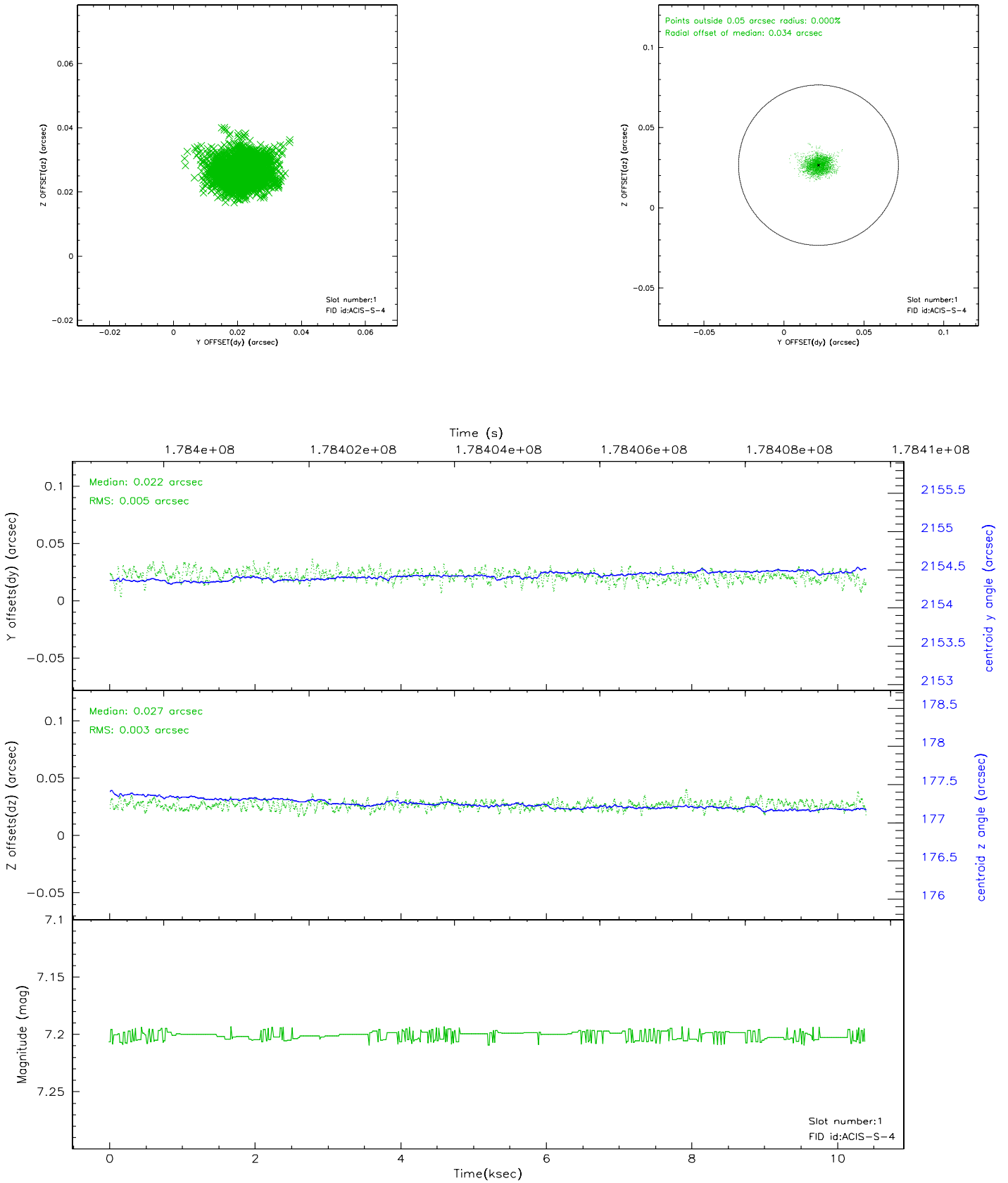


2.5 FID Slots

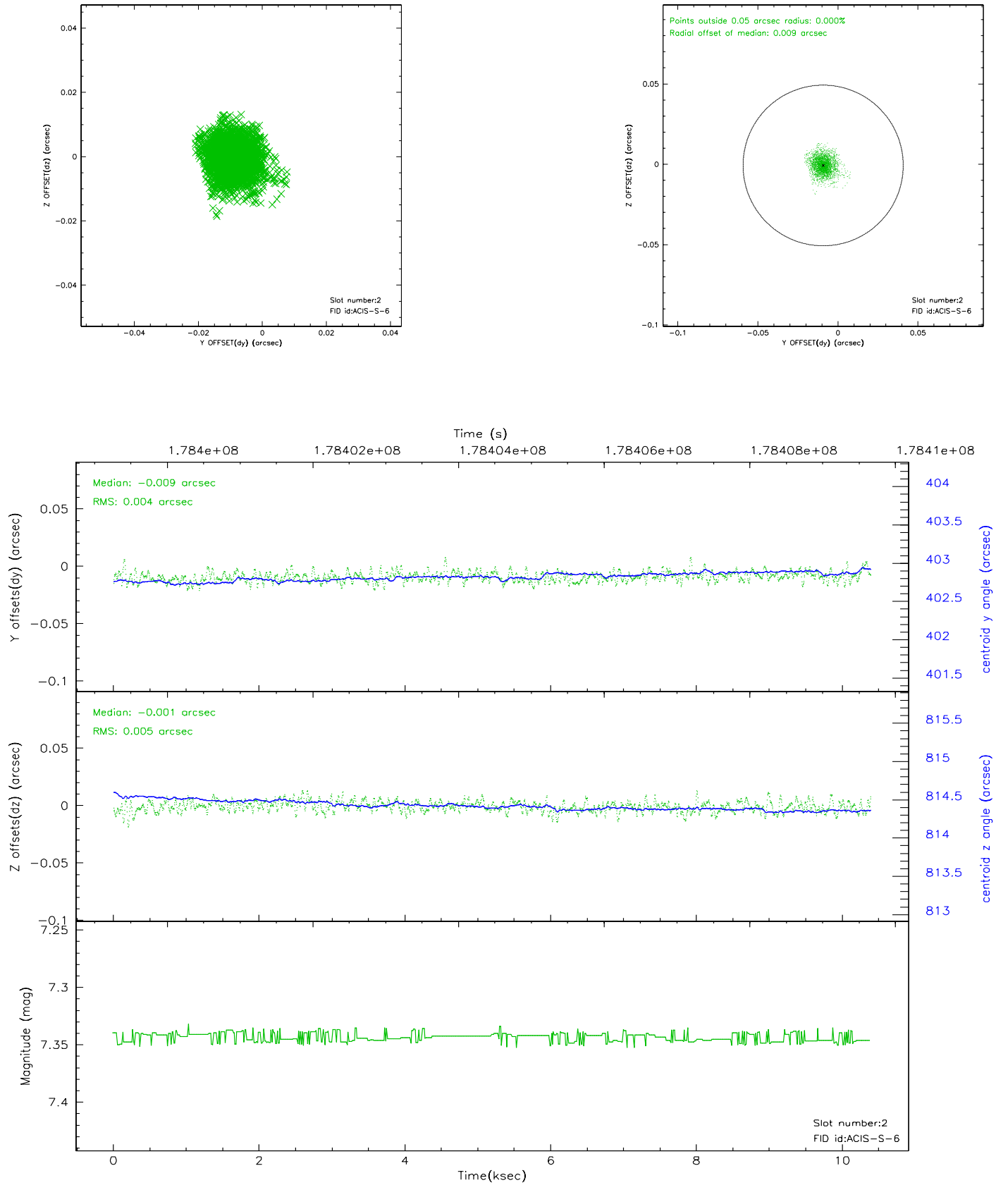
2.5.1 Slot 0



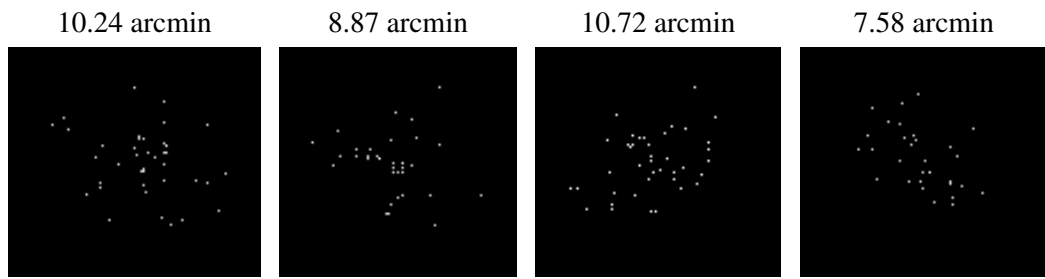
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.969

A.2 Comments