

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4103 - L2 Version 001
Chandra X-Ray Center

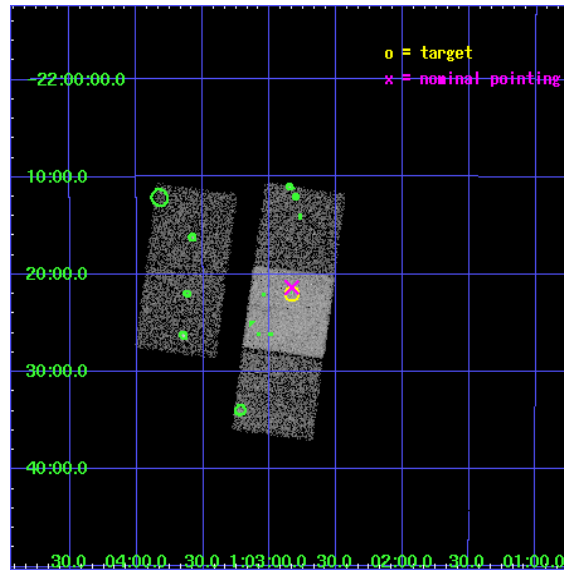
L2 Processing Date : Jul 12 2006

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1 Front

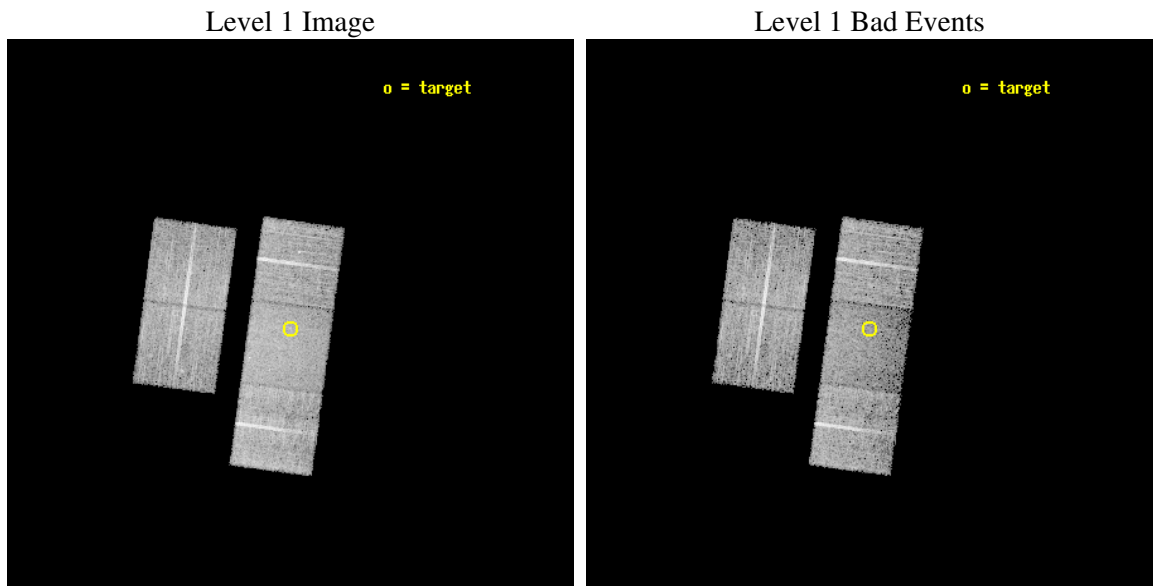
seq_num	700782
obs_id	4103
title	THE X-RAY PROPERTIES OF ULTRALUMINOUS INFRARED GALAXIES (ULIGS)
observer	Prof. Andrew Wilson
object	F01004-2237
dtcycle	0
cycle	P
ra_targ	15.707917
dec_targ	-22.365833
ra_nom	15.708381512744
dec_nom	-22.356170951162
roll_nom	97.730805567919
revision	3
ontime	10102.859010339
livetime	9970.8577197521
ontime2	10102.859040231
ontime3	10093.436089694
ontime6	10099.71807003
ontime7	10102.859010339
ontime8	10102.859010339
l2events	43471



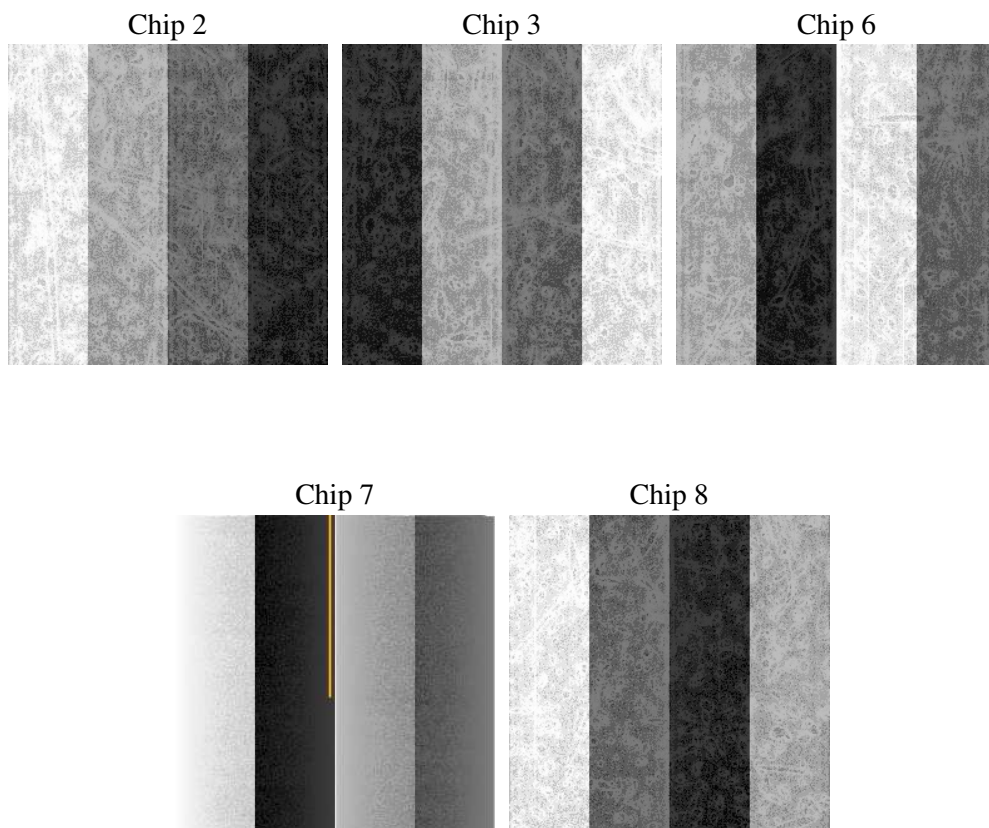
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-12T20:21:21
revision	3

sched_exp_time	10000.000000
ontime	10107.754381478
ontime2	10107.754391462
ontime3	10098.331460834
ontime6	10104.613441169
ontime7	10107.754381478
ontime8	10107.754381478
l1events	284385

2.1.4 Events

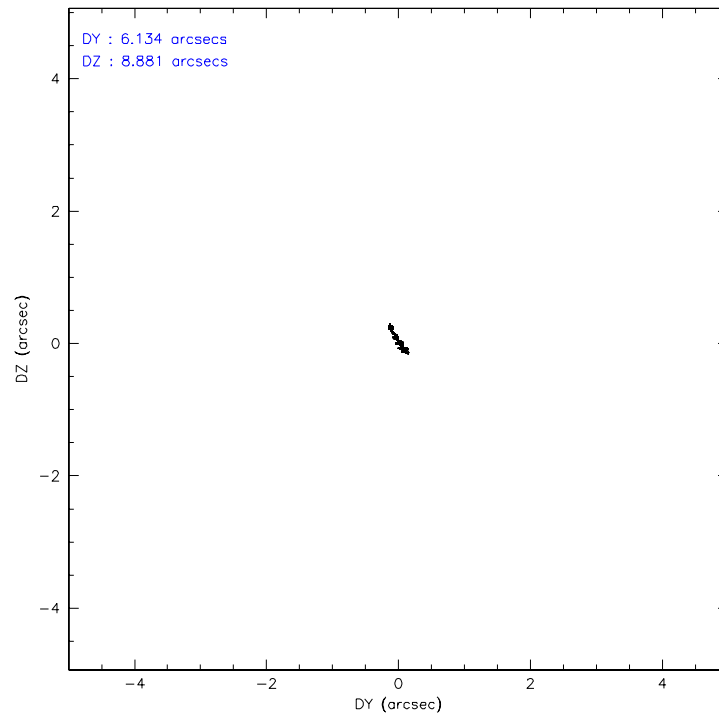
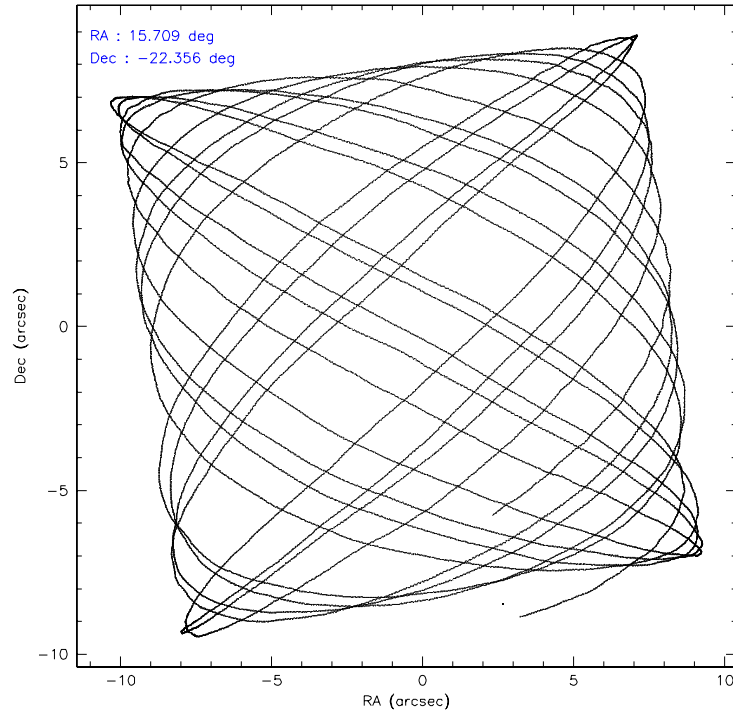
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	53928	51940	53843	58400	66274
rejected events	48744	46866	48105	33816	51462
rejected %	90%	90%	89%	57%	77%

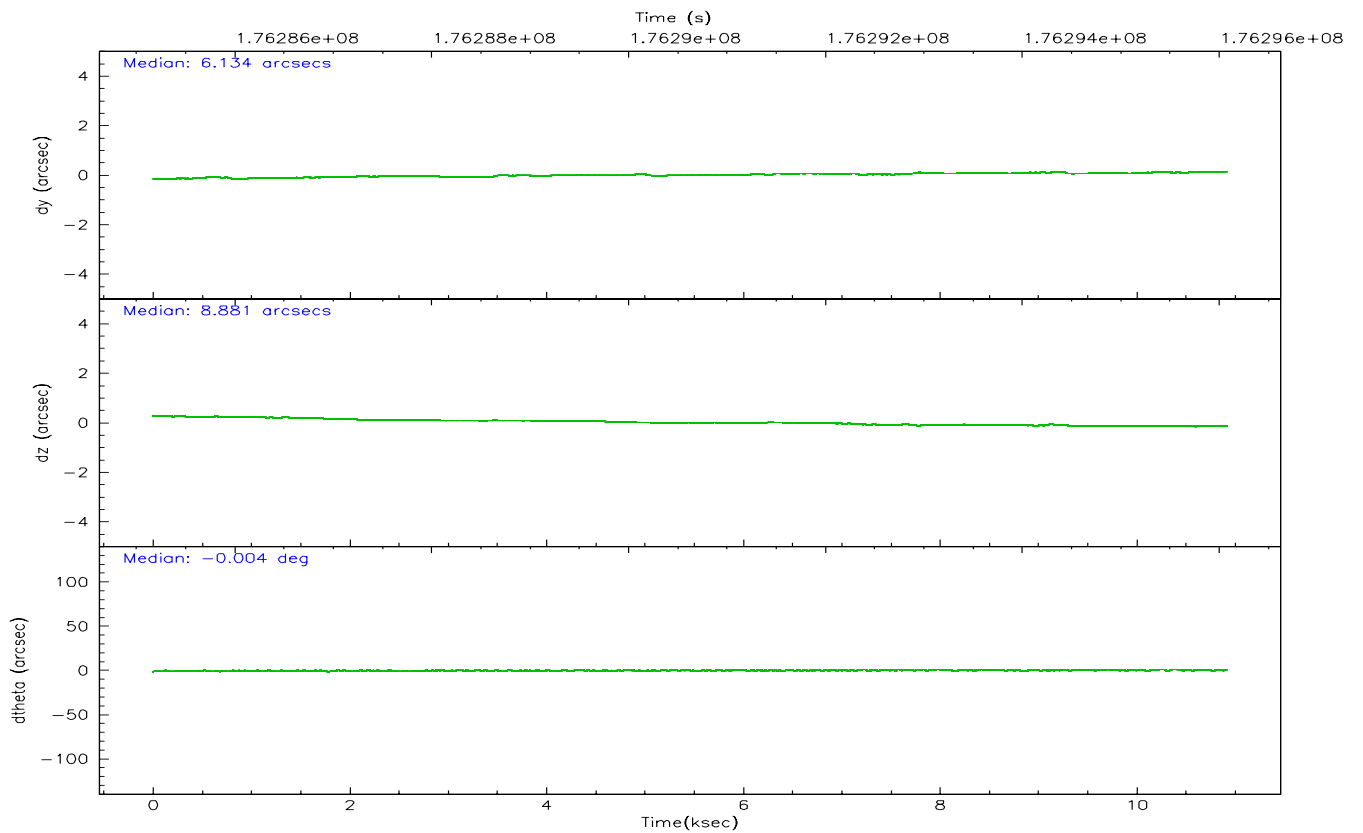
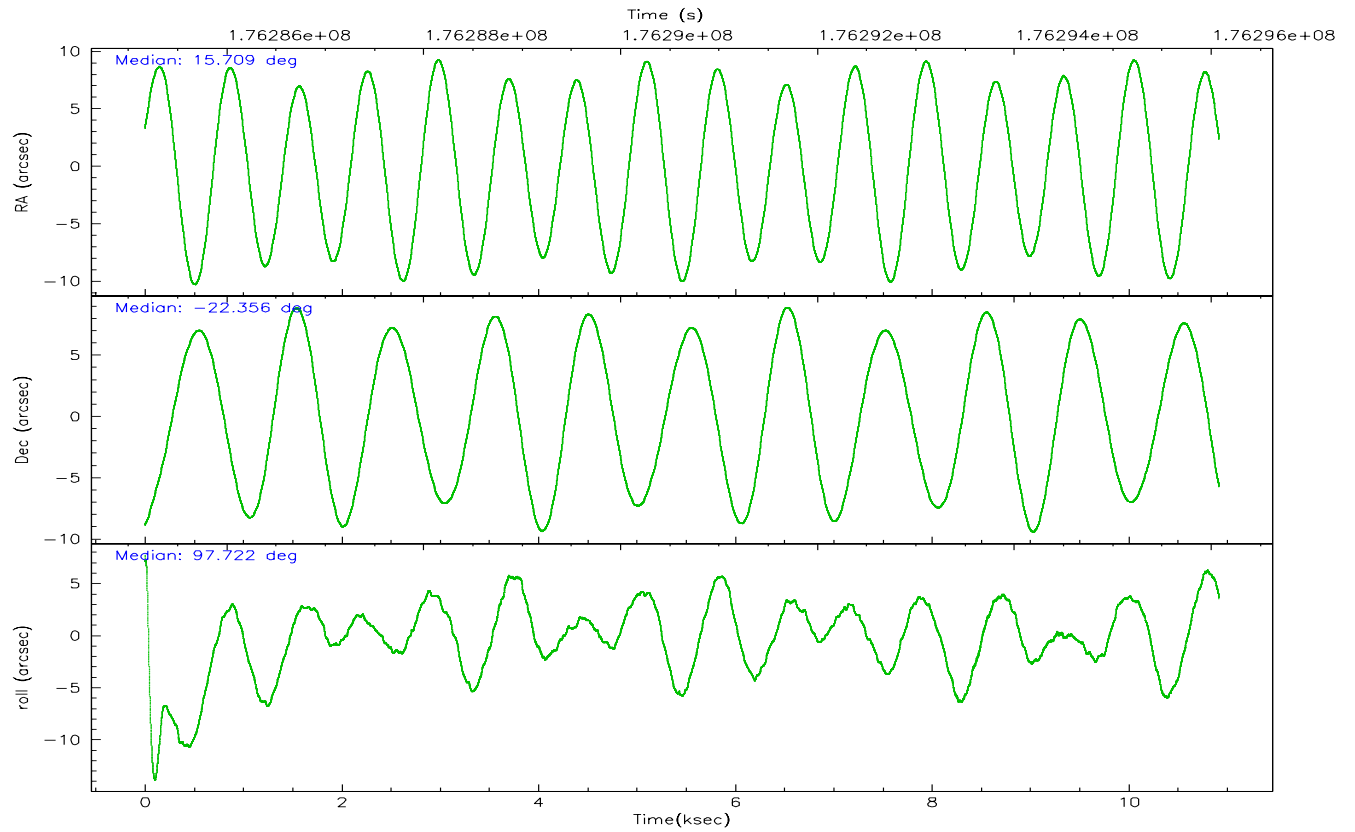
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	1925	1897	2083	1595	4357
	3%	3%	3%	2%	6%
grade 1 events	16	27	24	29	46
	0%	0%	0%	0%	0%
grade 2 events	1204	1017	1216	6004	3417
	2%	1%	2%	10%	5%
grade 3 events	597	588	664	1467	1517
	1%	1%	1%	2%	2%
grade 4 events	587	587	606	1486	1413
	1%	1%	1%	2%	2%
grade 5 events	1740	2034	2062	4536	2897
	3%	3%	3%	7%	4%
grade 6 events	872	987	1170	14042	4110
	1%	1%	2%	24%	6%
grade 7 events	46987	44803	46018	29241	48517
	87%	86%	85%	50%	73%

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	15.726680	15.70838151274388	Alternating exposures requested	N	N
Pointing Dec	-22.377477	-22.35617095116179	Primary exposure time	0.000000	3.1
Pointing Roll	97.581143	97.73080556791913			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	176286085.184000	176284758.17459			
Observation start date	2003-08-03T08:20:21	2003-08-03T07:59:18			
Observation end time	176296085.184000	176296771.1751			
Observation end date	2003-08-03T11:07:01	2003-08-03T11:19:31			
Read mode	TIMED	TIMED			

2.3 Aspect



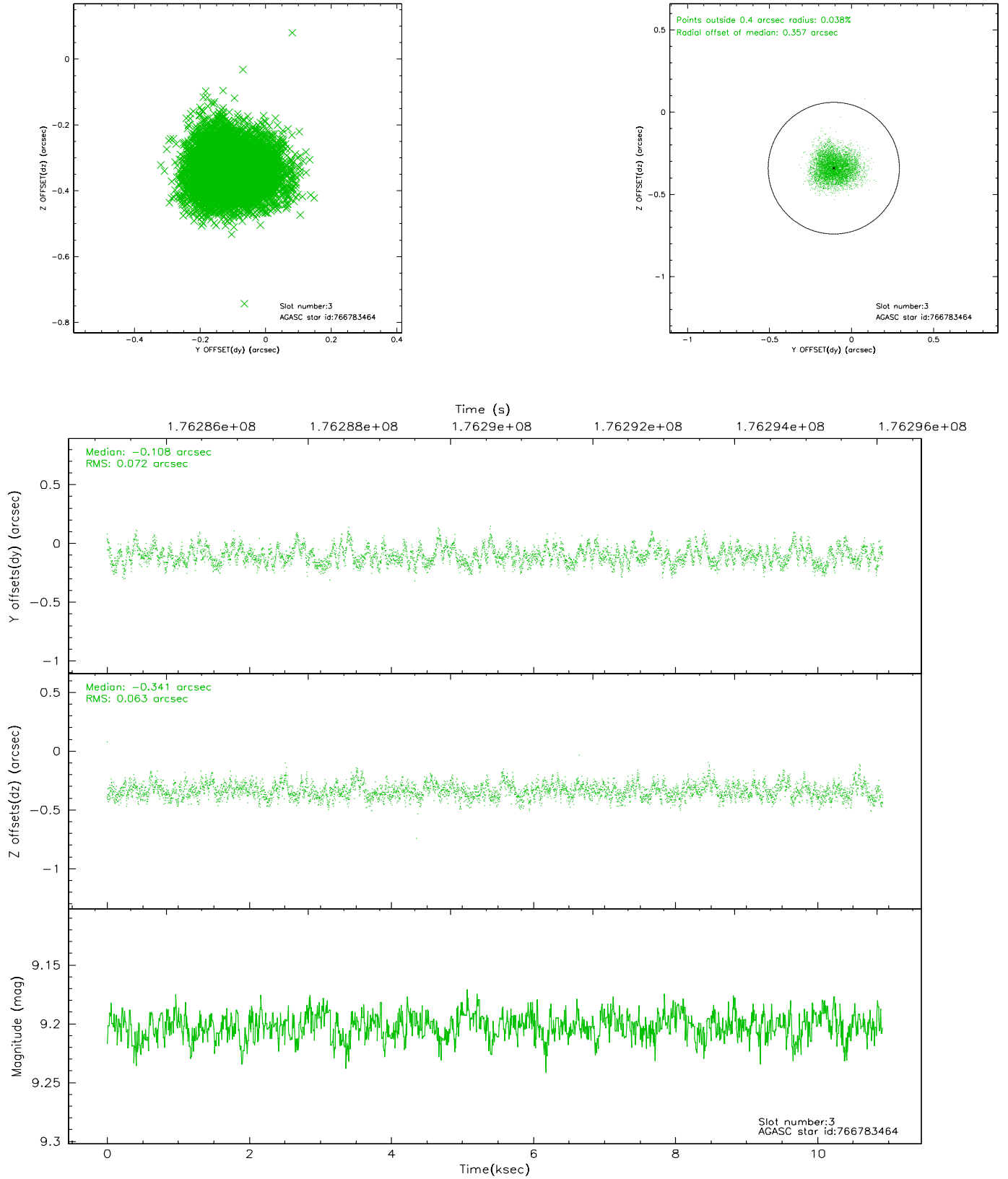


Slot Statistics

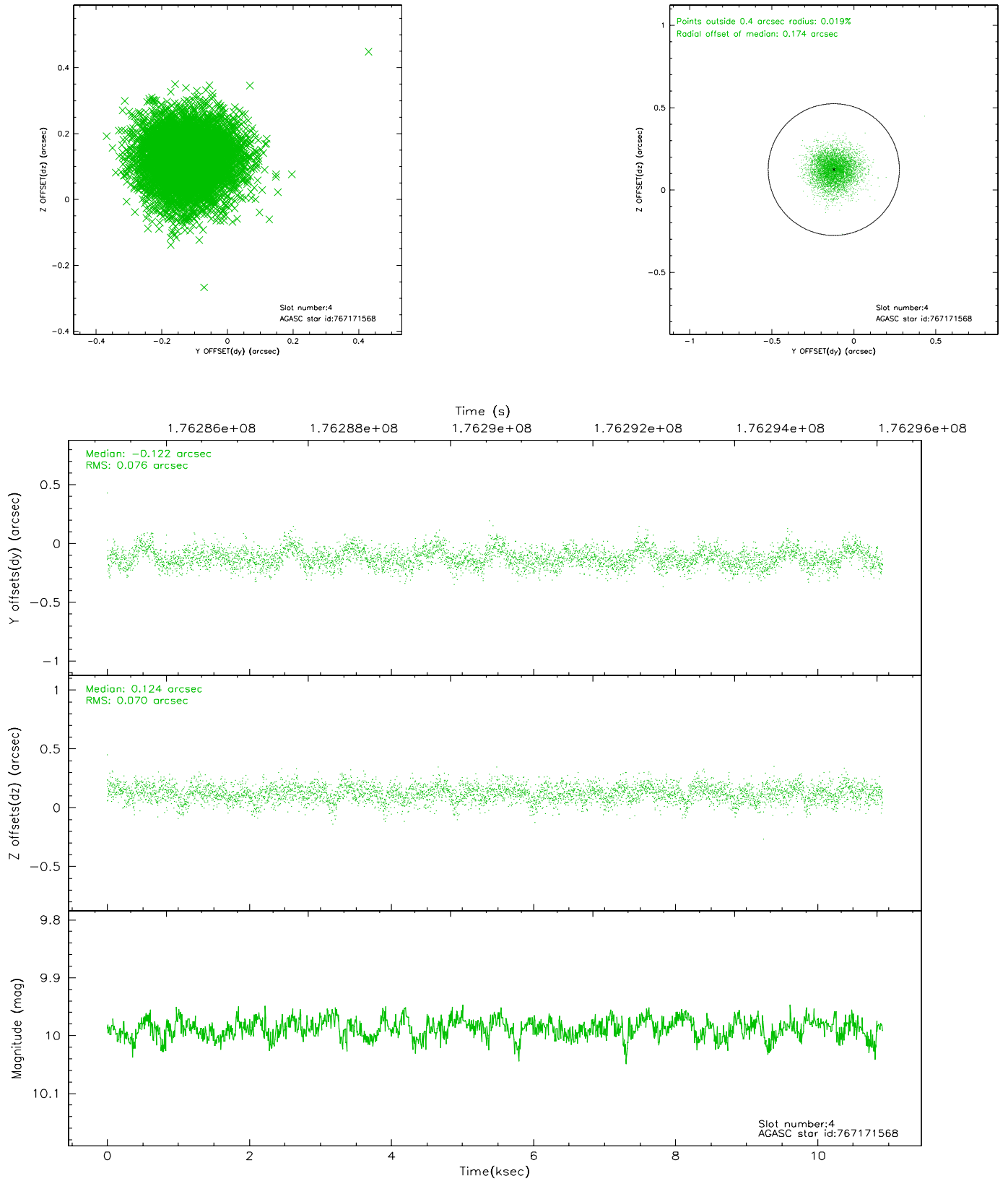
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	2662	-0.028	-0.011	0.007	0.011	0.000000	0.000000	-758.91	-1730.08
1	FID	ACIS-S-4	7.20	2662	0.013	0.017	0.005	0.009	0.000000	0.000000	2154.21	177.93
2	FID	ACIS-S-5	7.23	2662	-0.016	0.004	0.006	0.011	0.000000	0.000000	-1811.12	172.15
3	GUIDE	766783464	9.20	5322	-0.108	-0.341	0.103	0.162	15.041422	-22.197983	936.52	2179.81
4	GUIDE	767171568	9.99	5317	-0.122	0.124	0.110	0.179	16.035890	-22.108834	821.99	-1148.66
5	GUIDE	767171936	10.16	5302	0.113	0.100	0.150	0.257	16.105335	-22.483256	-544.66	-1197.82
6	GUIDE	841745408	8.64	5321	-0.003	0.067	0.079	0.126	16.162435	-22.504118	-644.91	-1375.99
7	GUIDE	767171896	10.39	5312	0.123	0.048	0.146	0.234	16.079513	-22.498908	-589.15	-1105.35

2.4 Star Slots

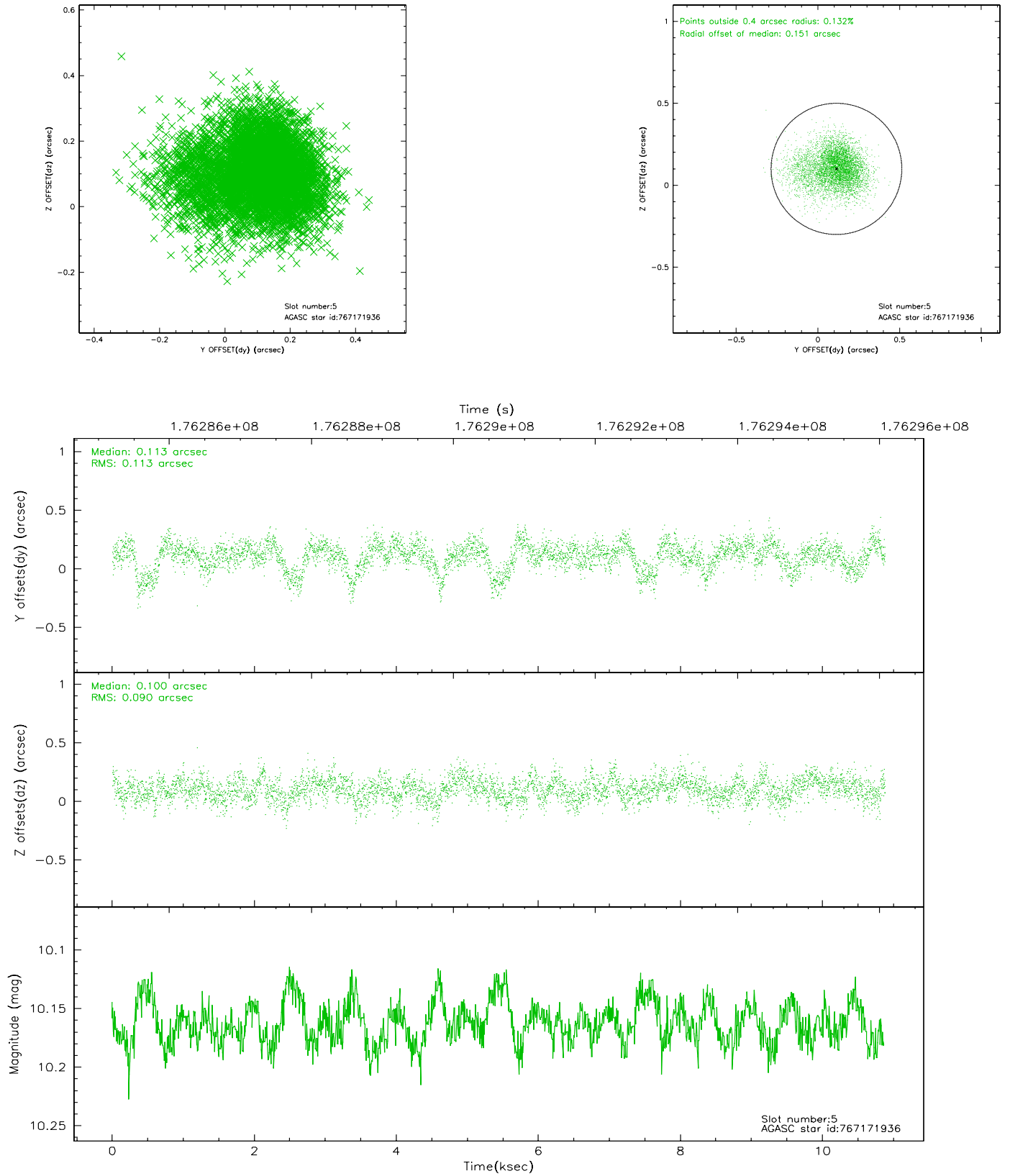
2.4.1 Slot 3



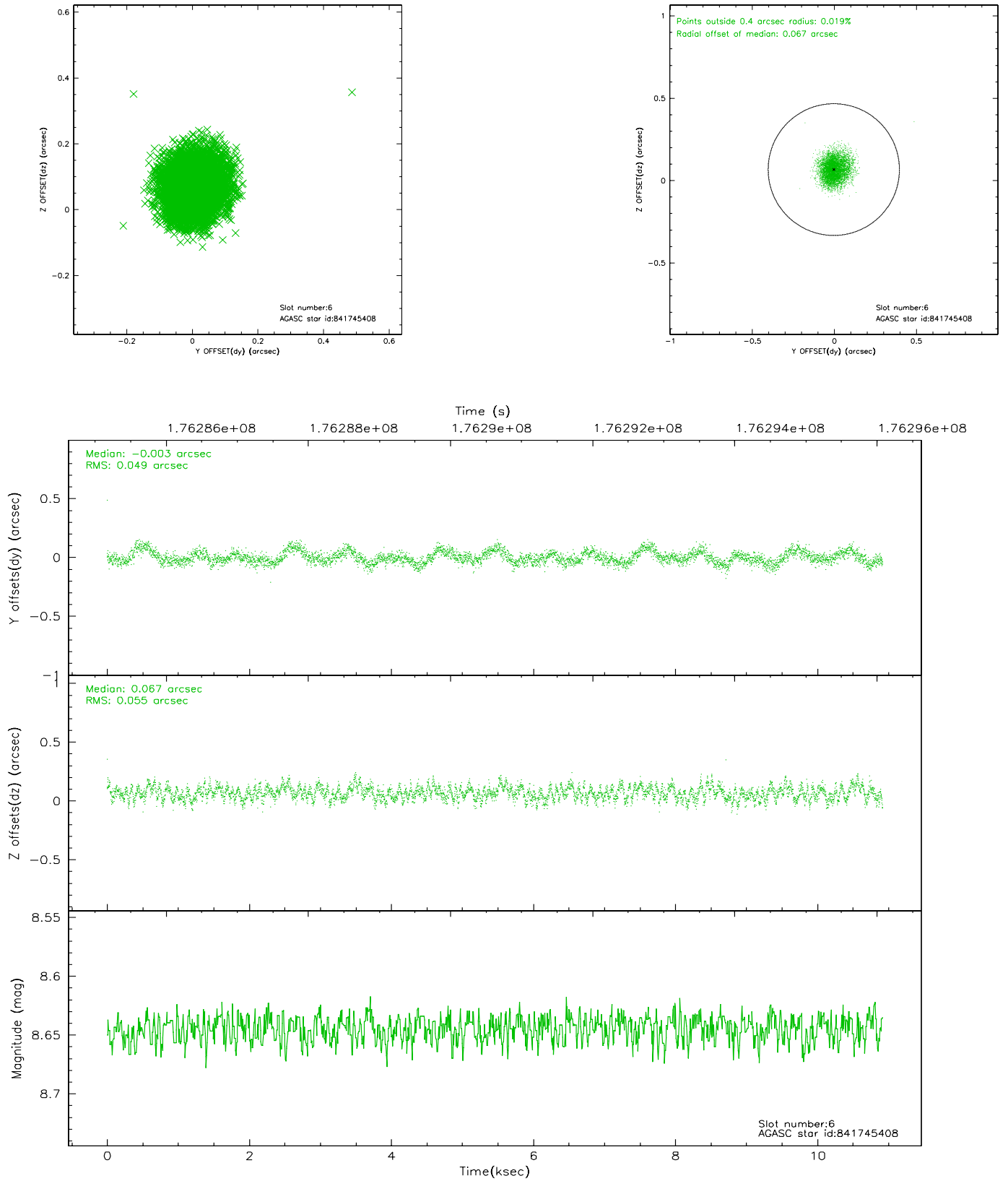
2.4.2 Slot 4



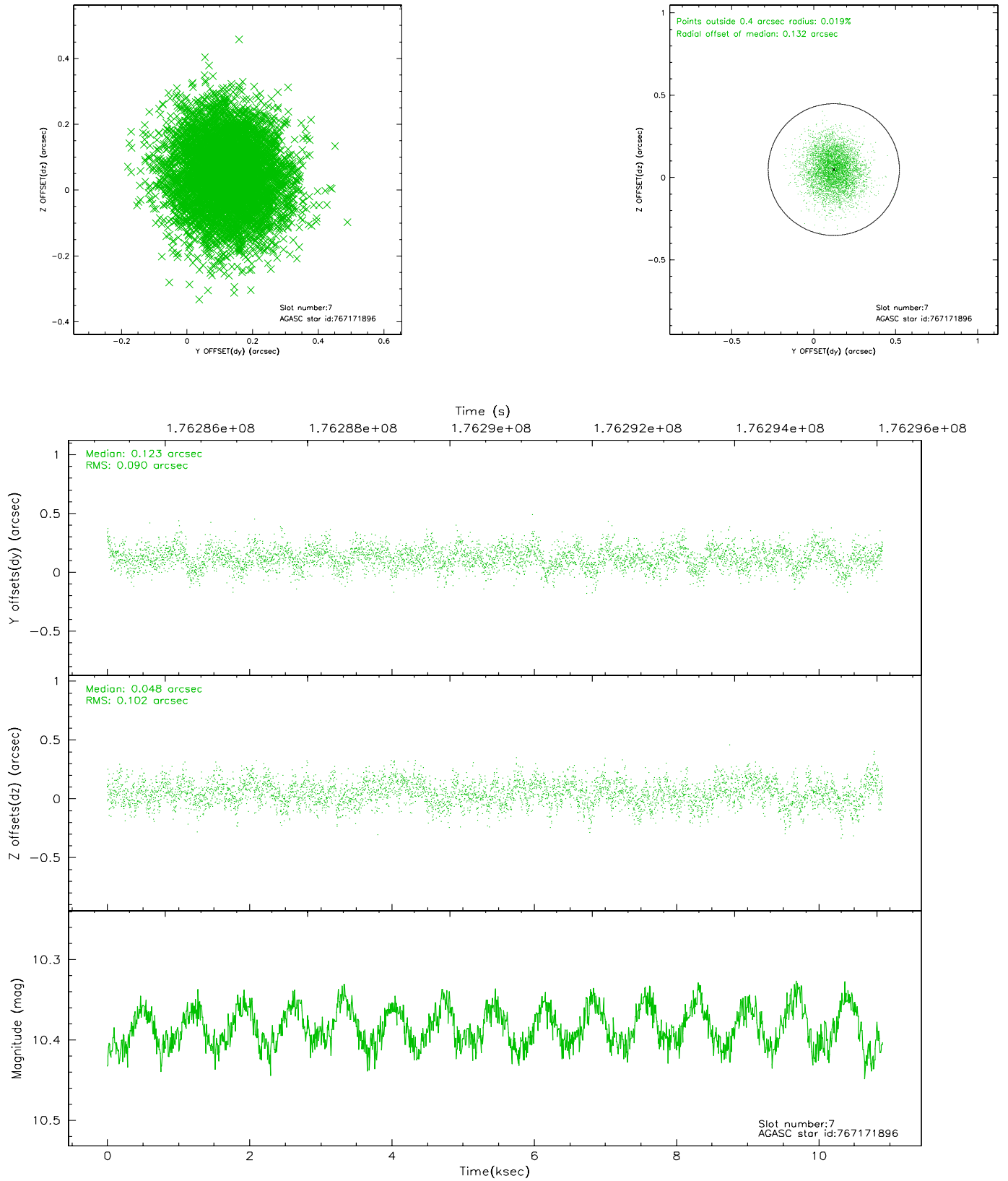
2.4.3 Slot 5



2.4.4 Slot 6

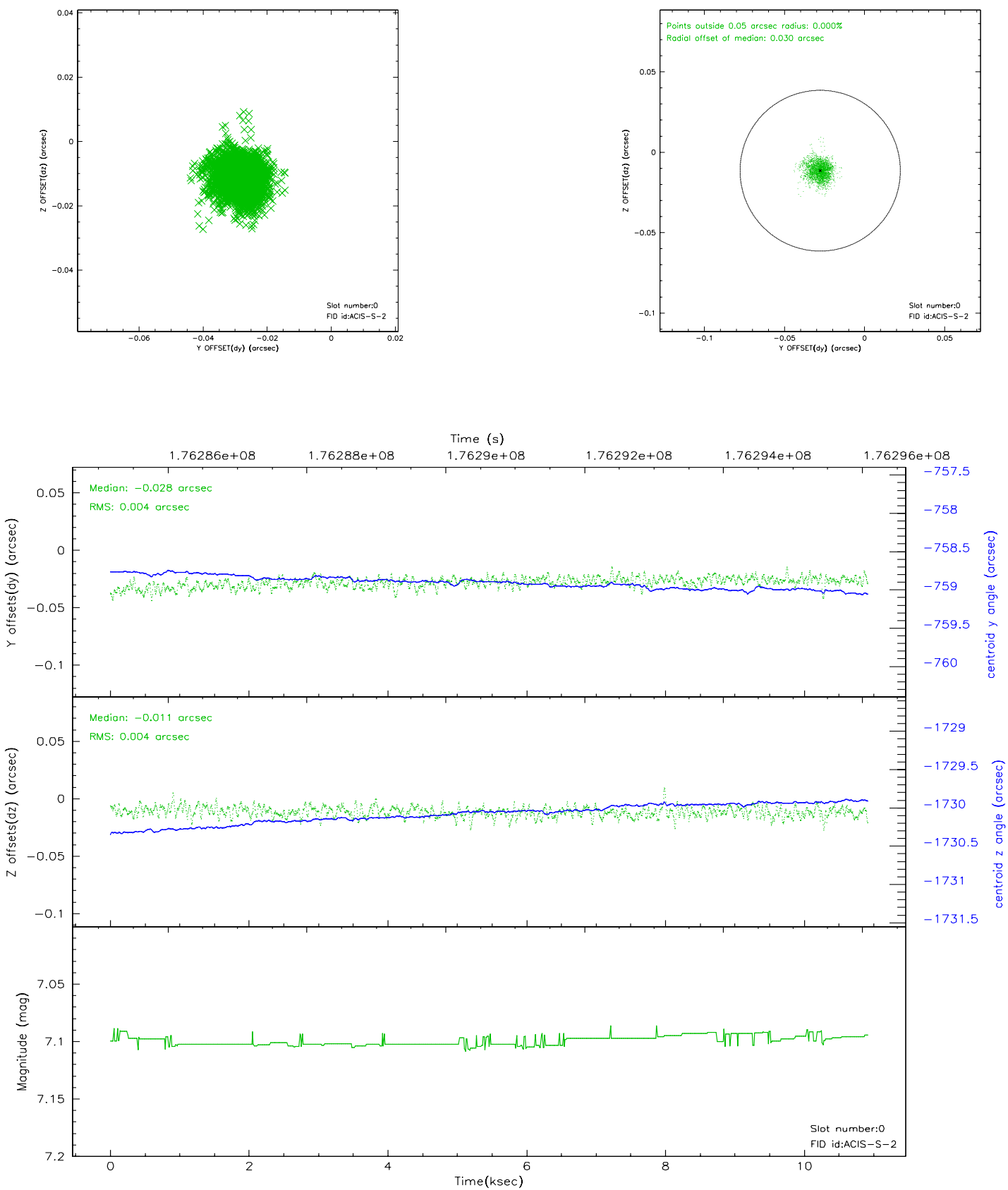


2.4.5 Slot 7

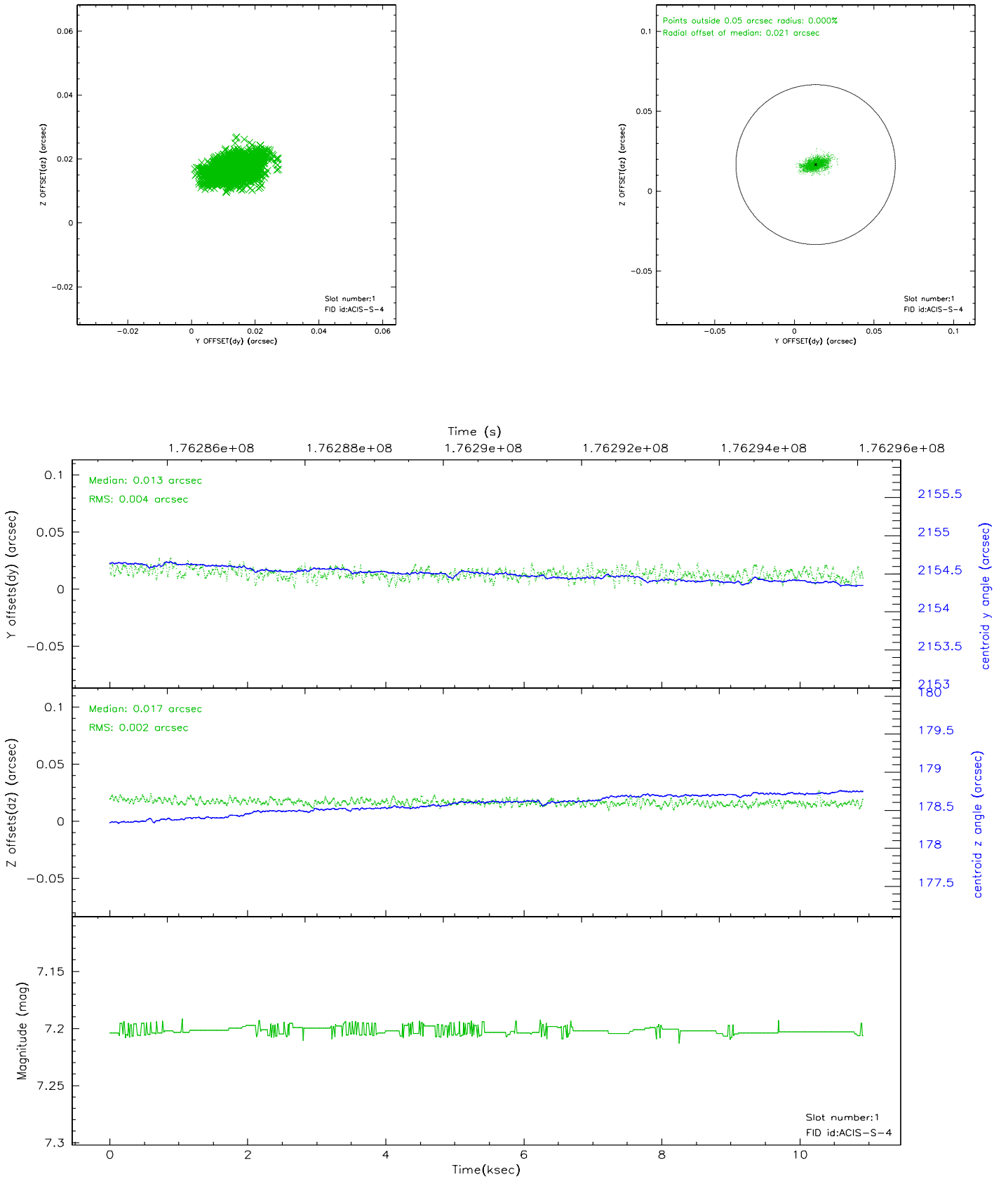


2.5 FID Slots

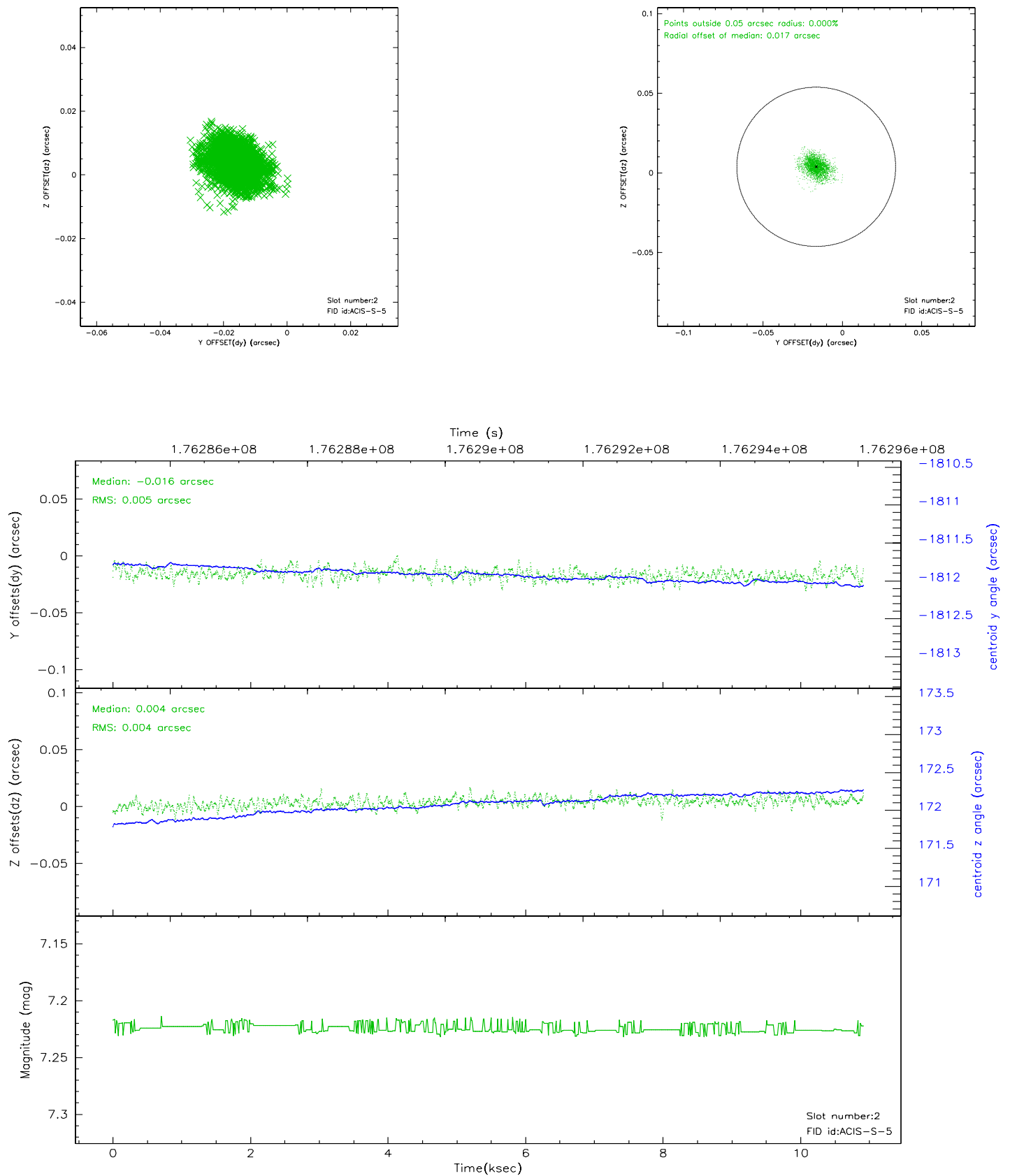
2.5.1 Slot 0



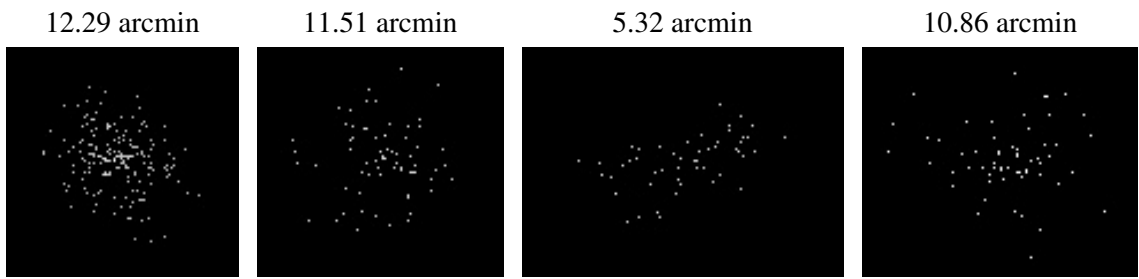
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2006.07.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.1

A.2 Comments