

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3759 - L2 Version 001
Chandra X-Ray Center

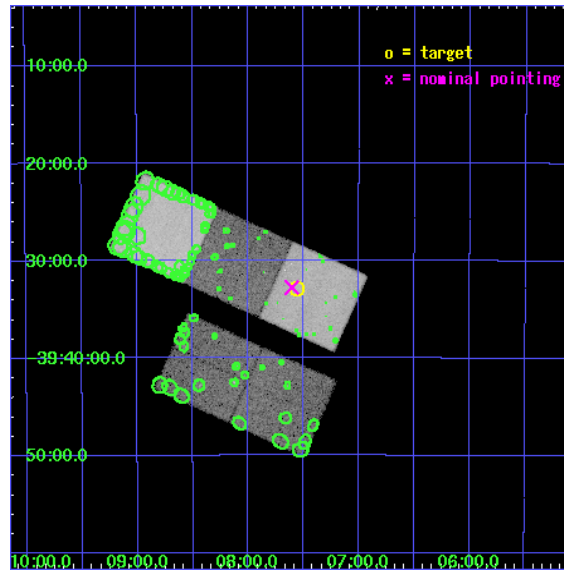
L2 Processing Date : Jul 22 2006

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1 Front

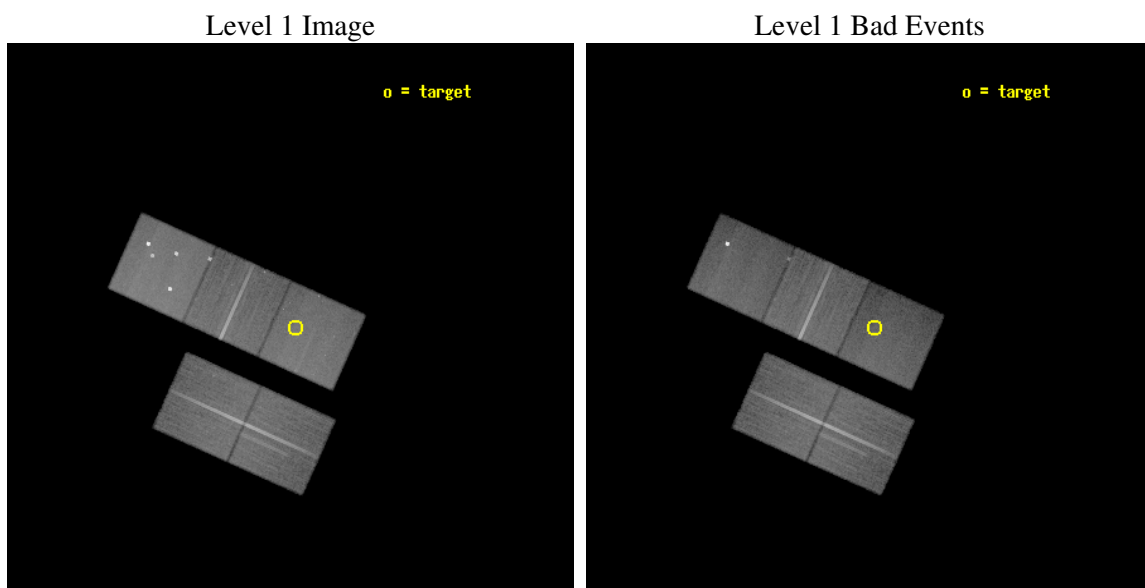
seq_num	200229
obs_id	3759
title	X RAYS FROM A HIGHLY ACTIVE, VERY YOUNG BROWN DWARF
observer	Dr. John Gizis
object	2MASSW J1207334-393254
dtcycle	0
cycle	P
ra_targ	181.889167
dec_targ	-39.548333
ra_nom	181.90131811624
dec_nom	-39.545972150017
roll_nom	24.1980781123
revision	2
ontime	51029.099901885
livetime	50362.36714459
ontime2	51029.099901885
ontime3	50991.407949716
ontime5	51029.099901885
ontime6	51019.676961154
ontime7	51029.099901885
l2events	353502



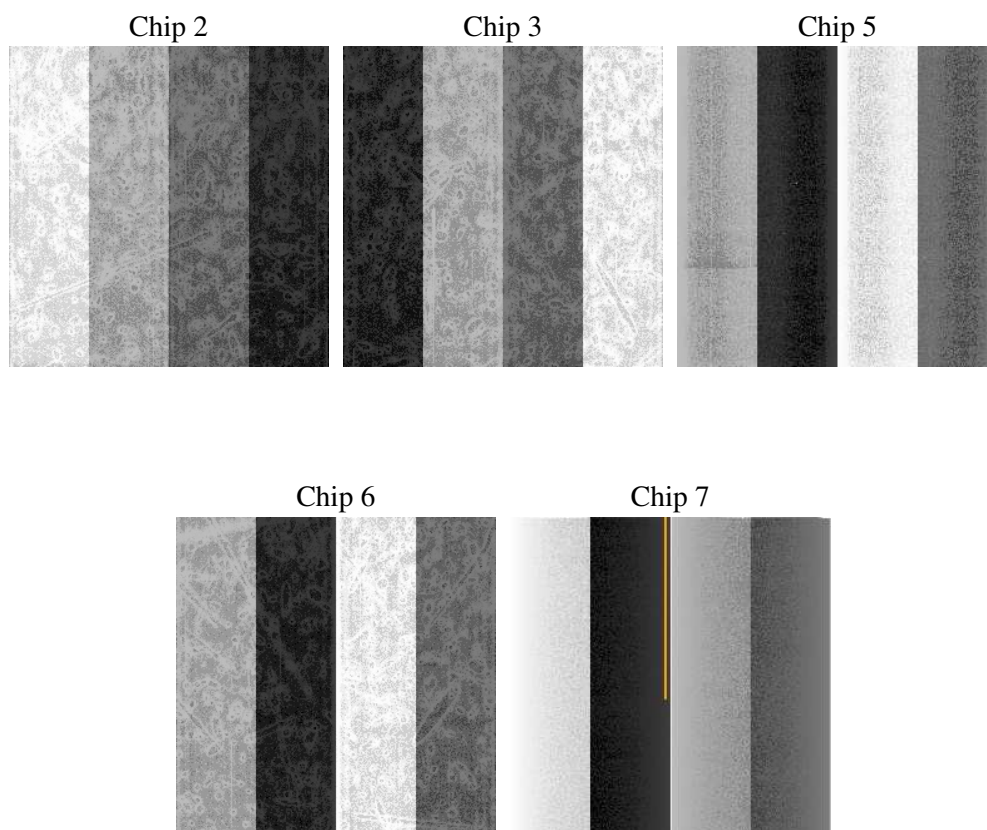
2 OBI

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	2006-07-22T13:04:37
revision	2

sched_exp_time	50920.264000
ontime	51031.978126019
ontime2	51031.978106111
ontime3	50994.286153942
ontime5	51031.978106111
ontime6	51022.55516538
ontime7	51031.978126019
l1events	1554772

2.1.4 Events

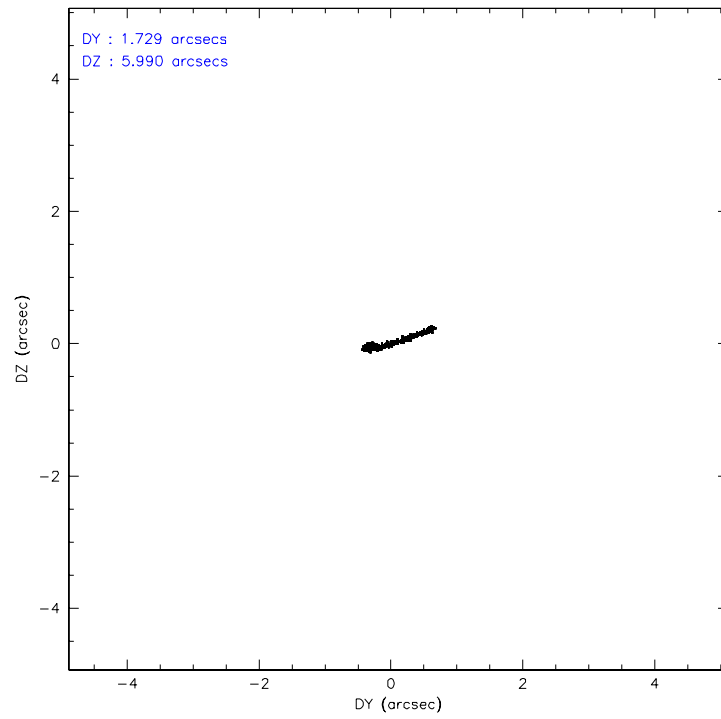
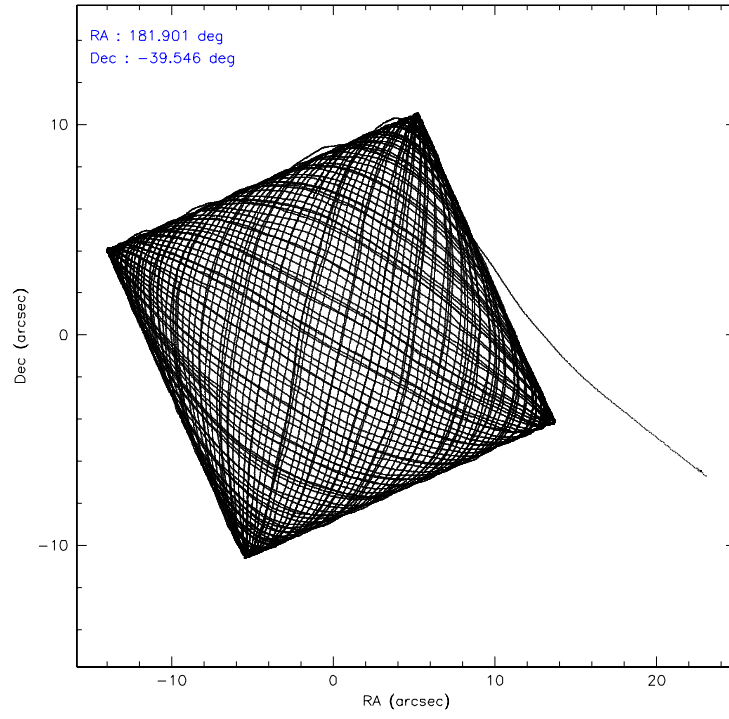
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
level 1 events	287358	278222	401847	285052	302293
rejected events	260511	253260	207140	255798	176001
rejected %	90%	91%	51%	89%	58%

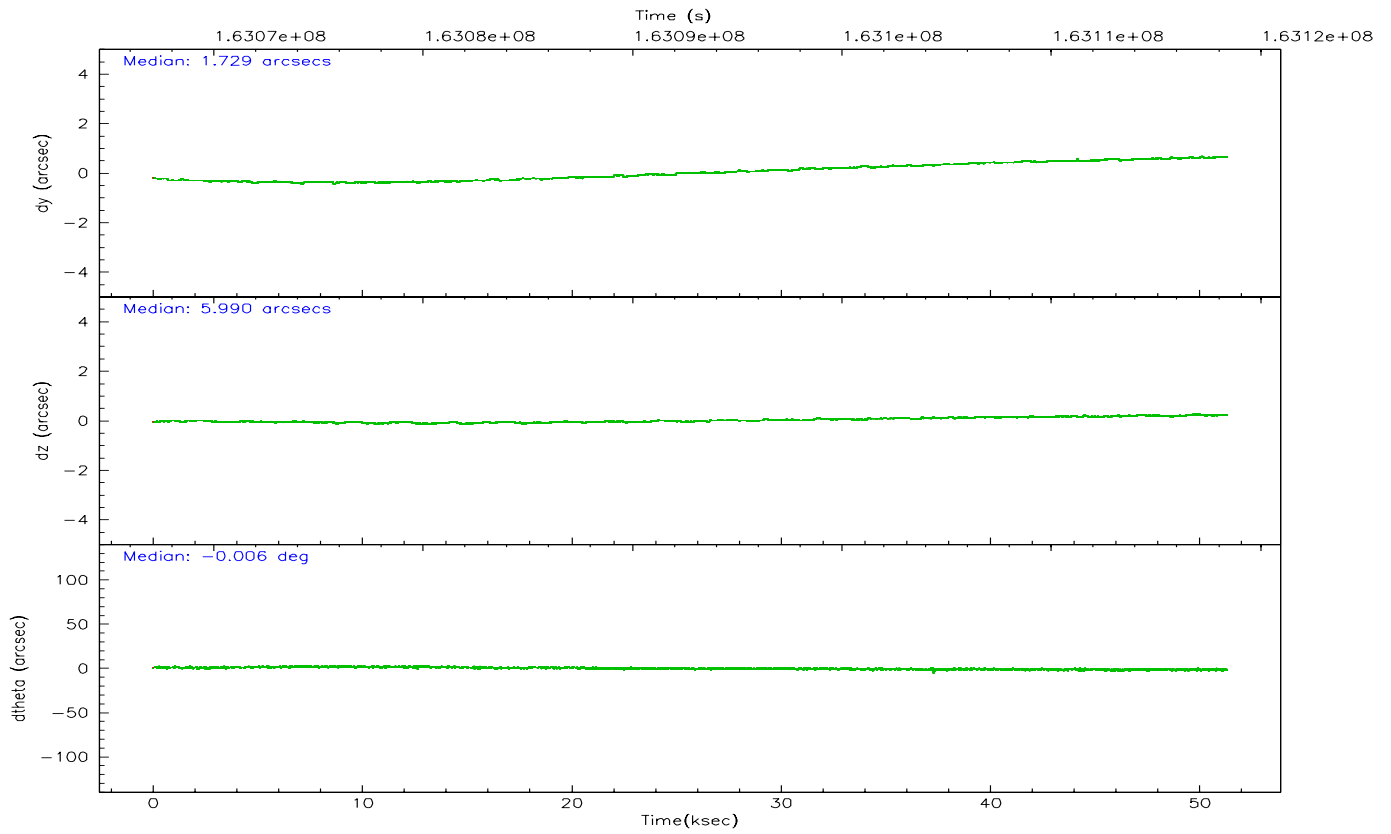
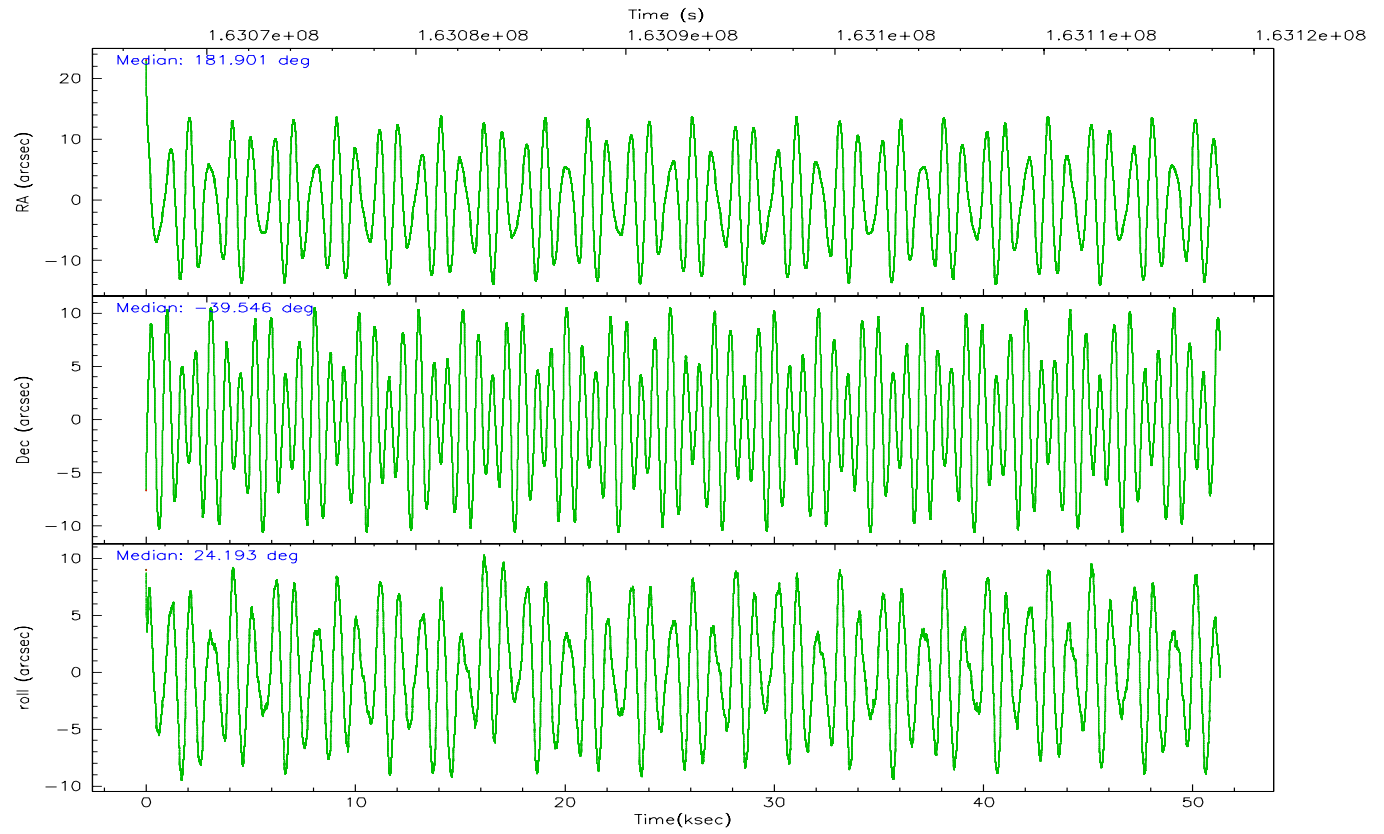
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
grade 0 events	9794	8690	31486	10466	8097
	3%	3%	7%	3%	2%
grade 1 events	155	131	191	153	140
	0%	0%	0%	0%	0%
grade 2 events	6073	5321	53840	6109	30664
	2%	1%	13%	2%	10%
grade 3 events	3024	3088	5308	3272	7304
	1%	1%	1%	1%	2%
grade 4 events	3045	2920	4894	3312	7200
	1%	1%	1%	1%	2%
grade 5 events	8716	10224	25014	10899	22367
	3%	3%	6%	3%	7%
grade 6 events	4914	4944	99191	6095	73034
	1%	1%	24%	2%	24%
grade 7 events	251637	242904	181923	244746	153487
	87%	87%	45%	85%	50%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23567	ACIS-23567	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	181.881057	181.9013181162401	Alternating exposures requested	N	N
Pointing Dec	-39.568269	-39.54597215001657	Primary exposure time	0.000000	3.1
Pointing Roll	24.028543	24.19807811230016			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.145094680475			
SIM translation stage offset (mm)	0	0.01257209746719923			
Observation start time	163067486.184000	163066423.21454			
Observation start date	2003-03-03T08:30:22	2003-03-03T08:13:43			
Observation end time	163118407.184000	163118721.27924			
Observation end date	2003-03-03T22:39:03	2003-03-03T22:45:21			
Read mode	TIMED	TIMED			

2.3 Aspect



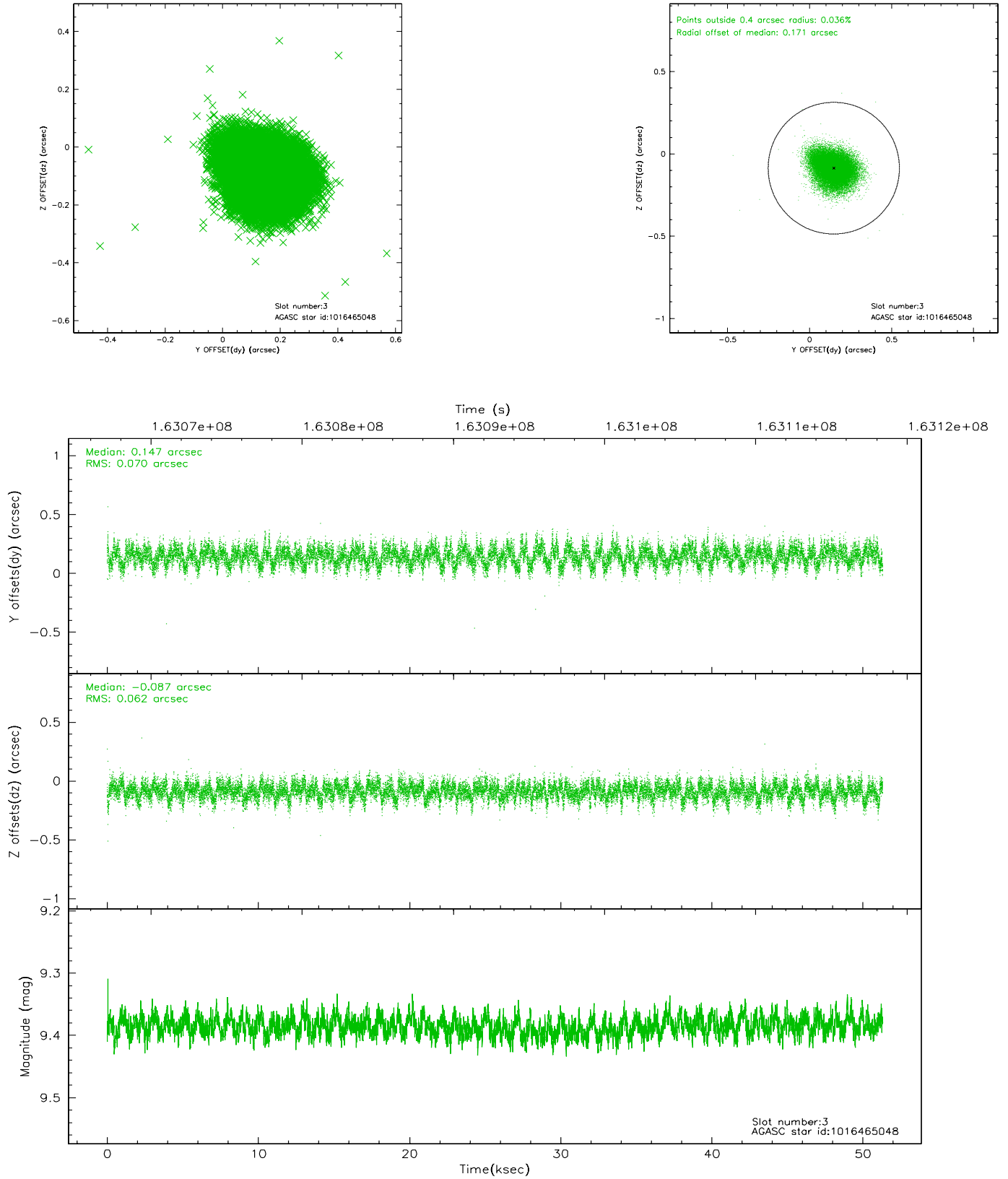


Slot Statistics

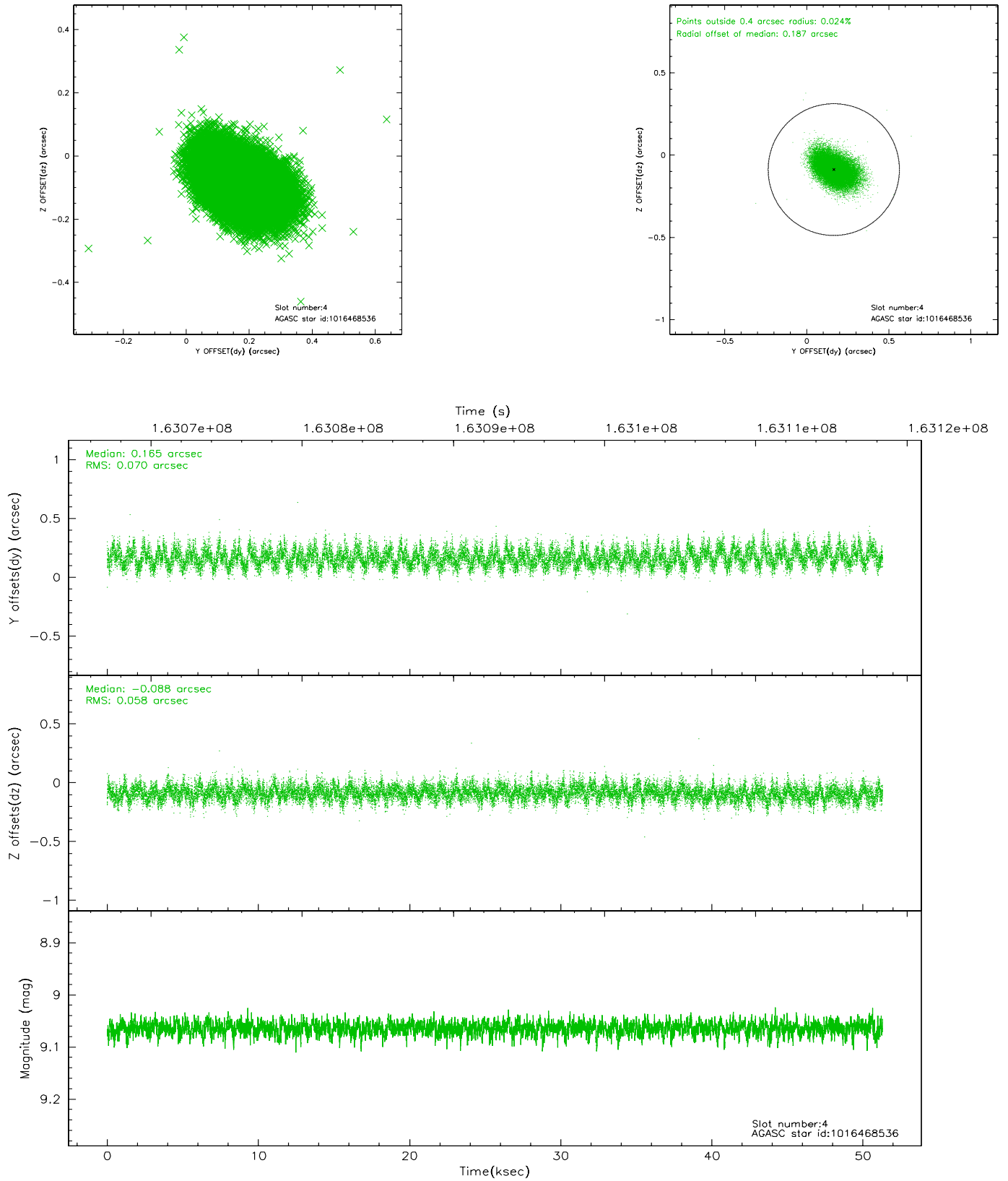
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	12514	0.000	0.002	0.011	0.018	0.000000	0.000000	941.68	-1722.68
1	FID	ACIS-S-4	7.21	12514	-0.034	0.006	0.009	0.017	0.000000	0.000000	2159.00	181.53
2	FID	ACIS-S-6	7.36	12514	0.010	0.006	0.012	0.019	0.000000	0.000000	407.56	818.84
3	GUIDE	1016465048	9.39	25016	0.147	-0.087	0.100	0.161	181.148502	-39.265094	-1423.77	1820.67
4	GUIDE	1016468536	9.06	25020	0.165	-0.088	0.096	0.158	180.834745	-39.256331	-2213.87	2197.98
5	GUIDE	1016469880	8.83	24955	-0.102	-0.152	0.069	0.113	181.874826	-39.020692	786.50	1807.77
6	GUIDE	1017119856	9.68	25020	-0.089	0.131	0.119	0.188	182.792514	-39.724630	2070.76	-1552.87
7	GUIDE	1017119576	9.36	25019	-0.123	0.198	0.087	0.143	182.581443	-39.768400	1473.84	-1453.63

2.4 Star Slots

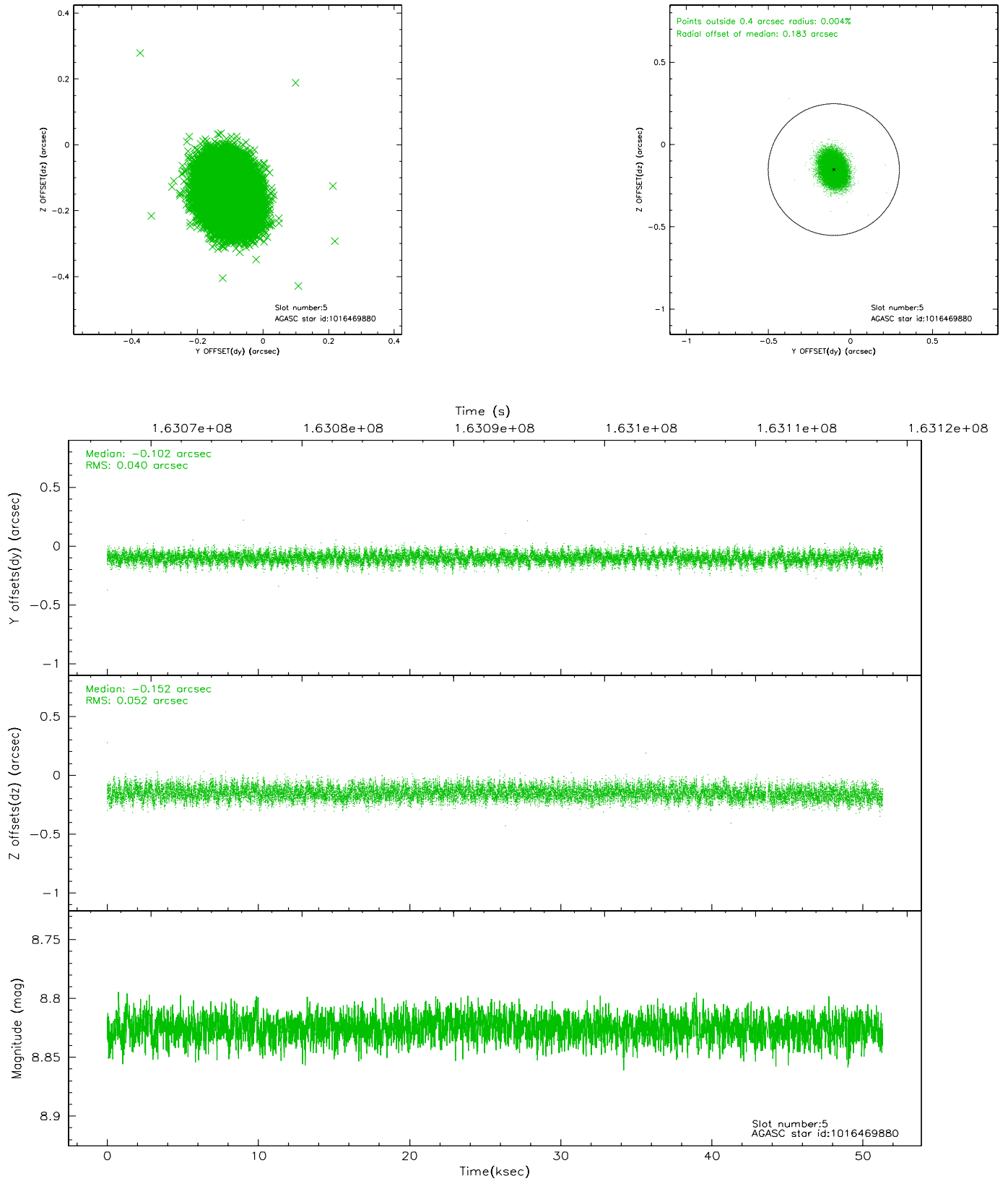
2.4.1 Slot 3



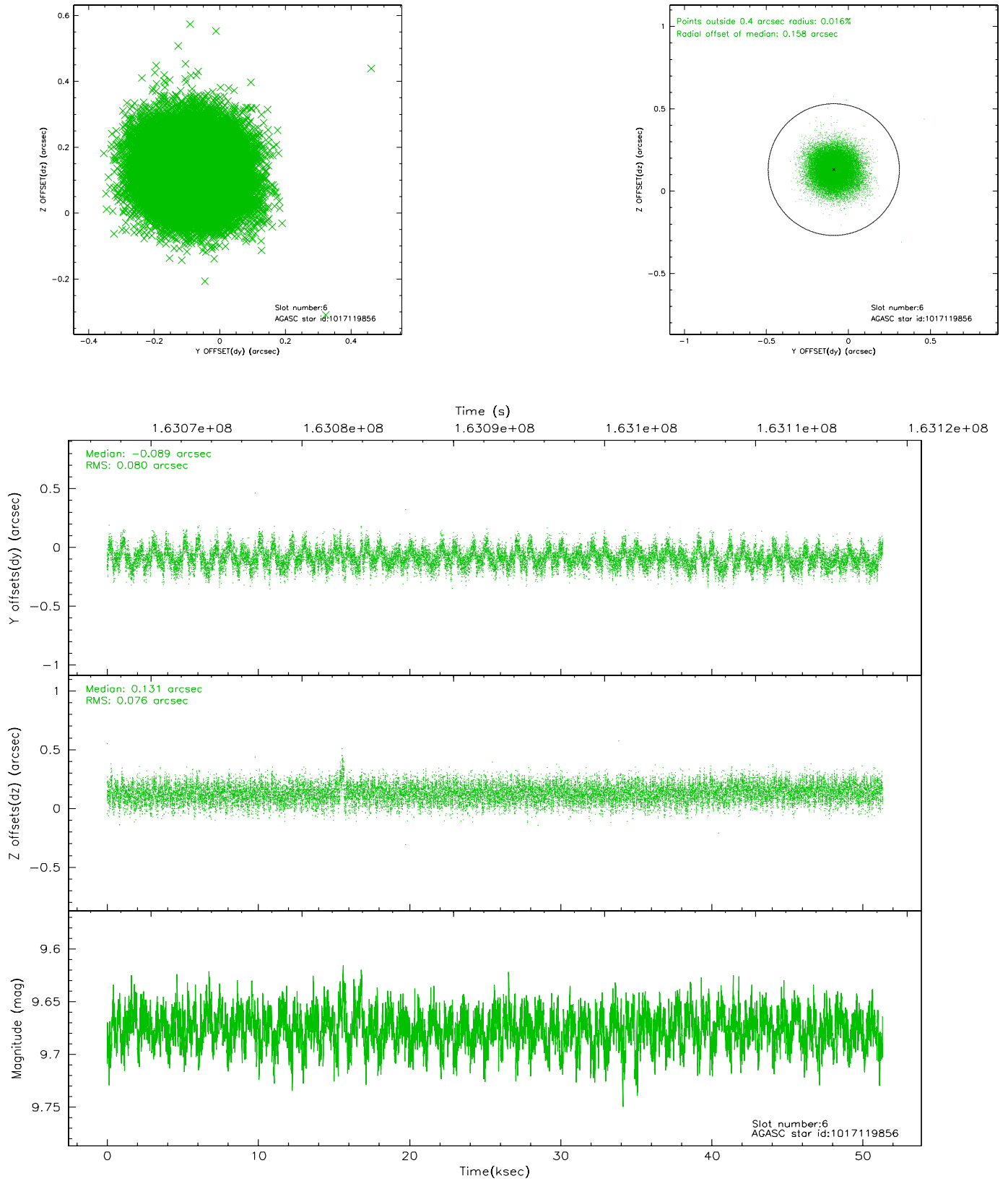
2.4.2 Slot 4



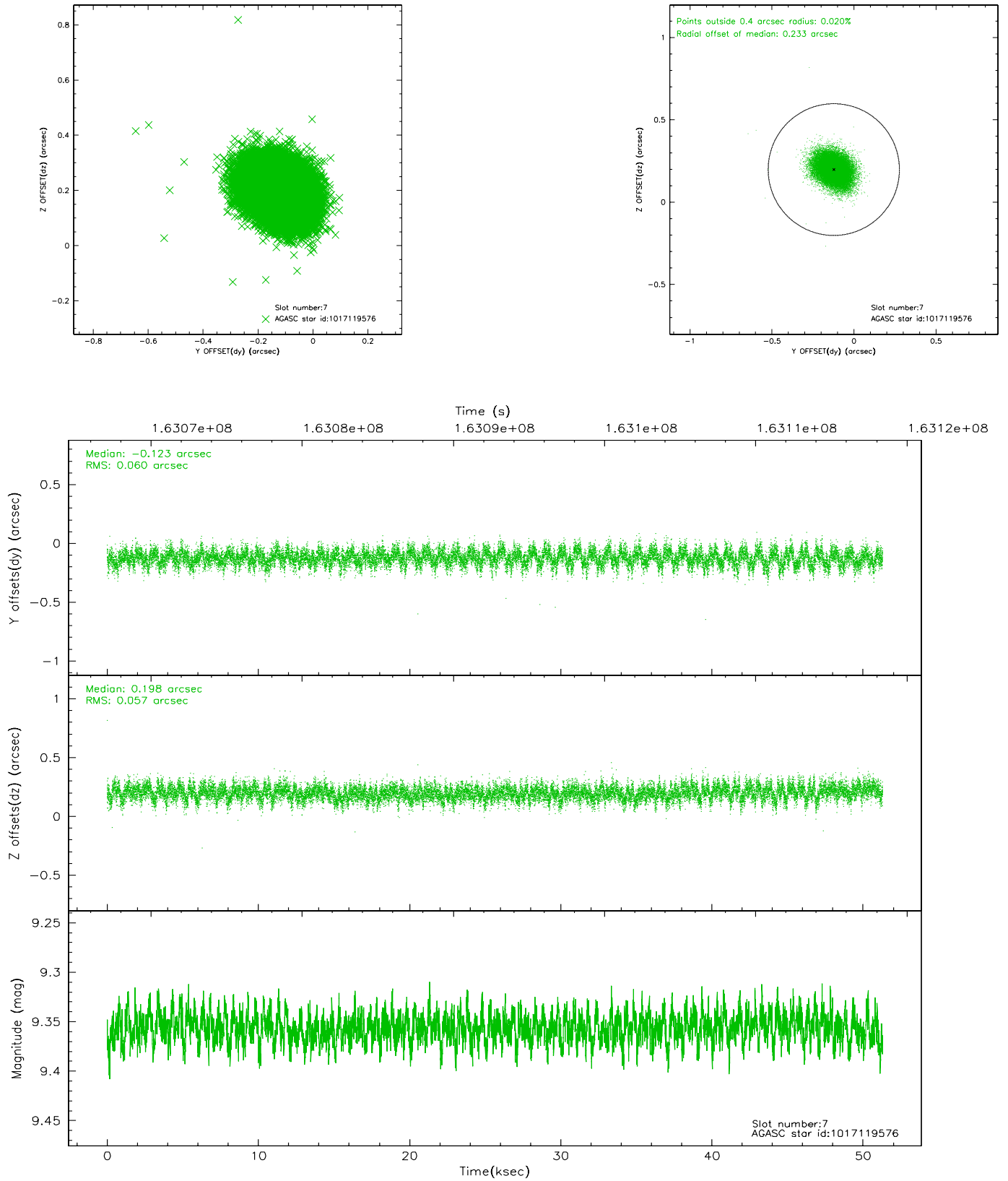
2.4.3 Slot 5



2.4.4 Slot 6

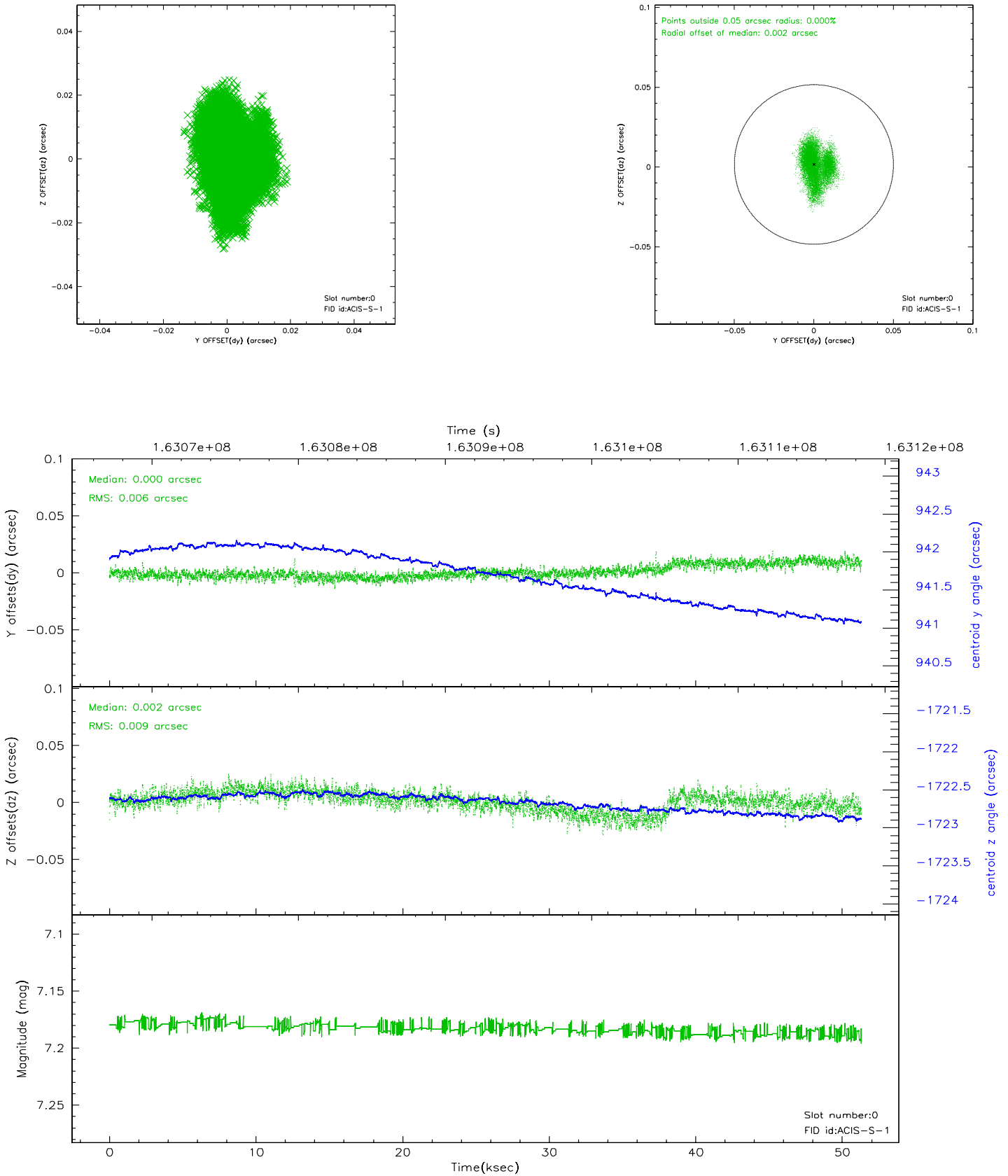


2.4.5 Slot 7

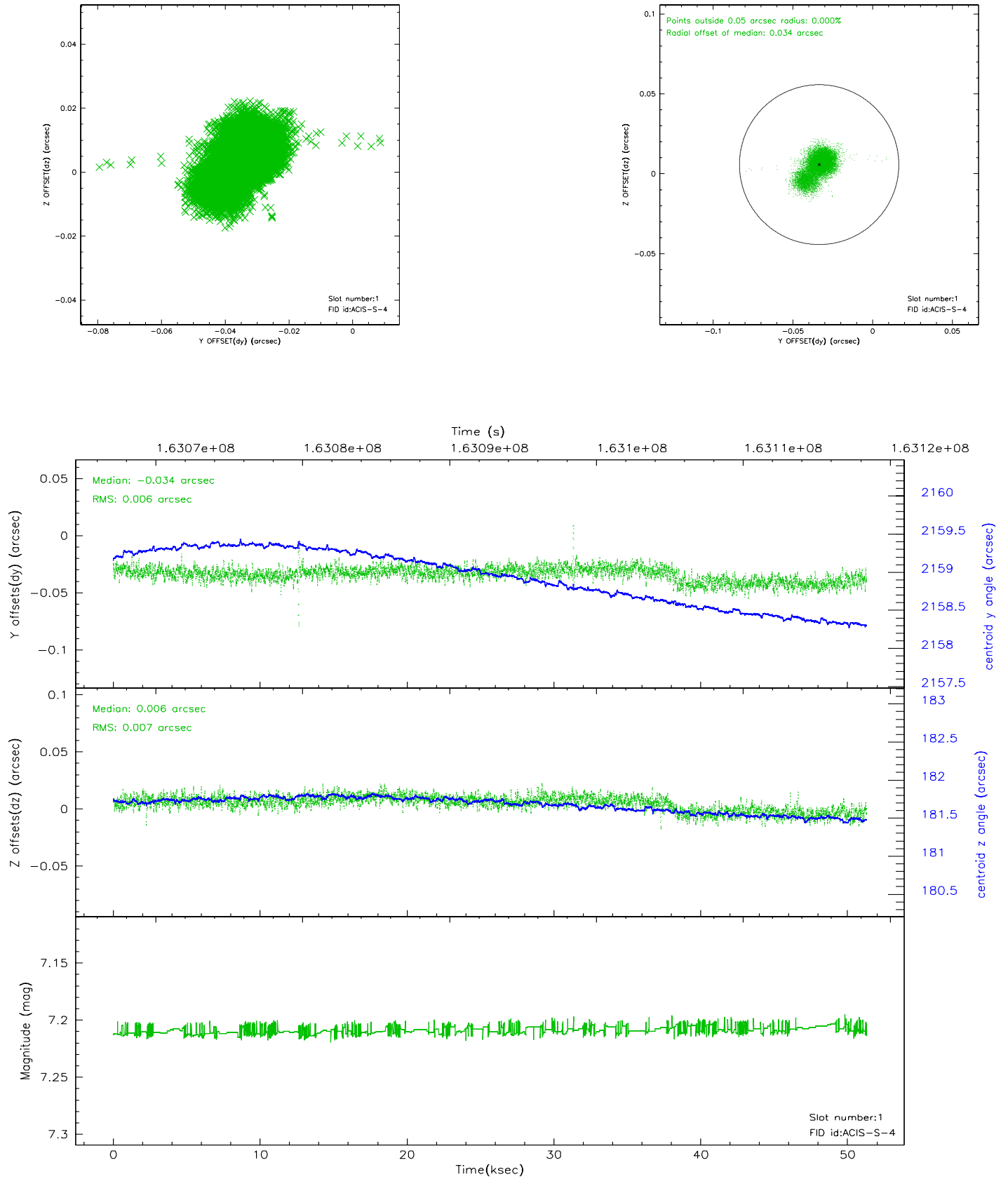


2.5 FID Slots

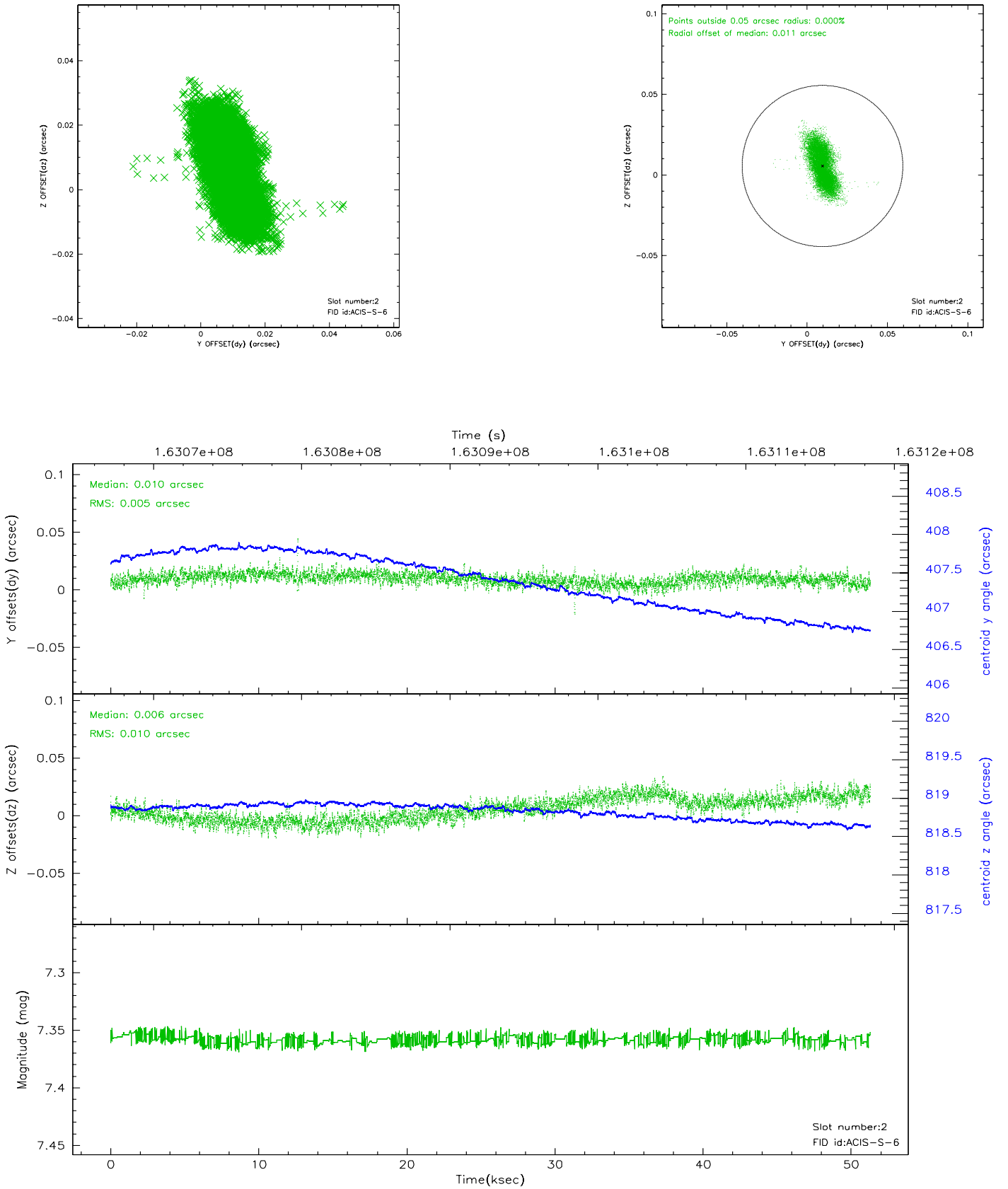
2.5.1 Slot 0



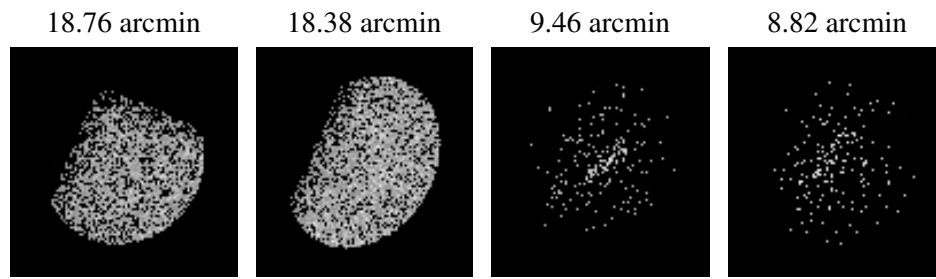
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	51.029

A.2 Comments

Focal plane temperature rises in second half of observation.