

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2544 - L2 Version 001
Chandra X-Ray Center

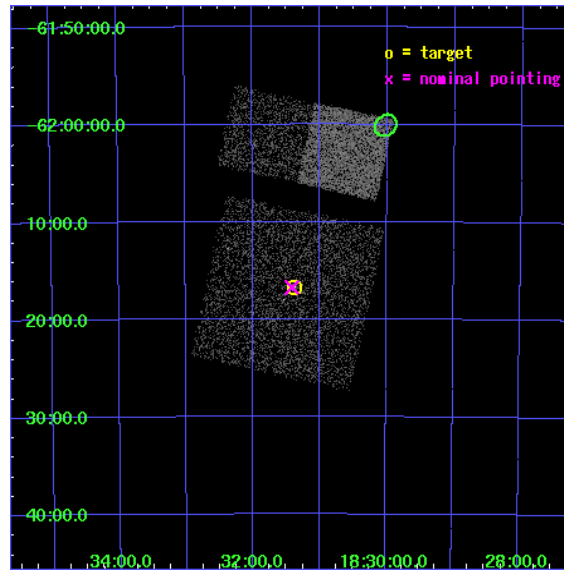
L2 Processing Date : Sep 20 2006

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1 Front

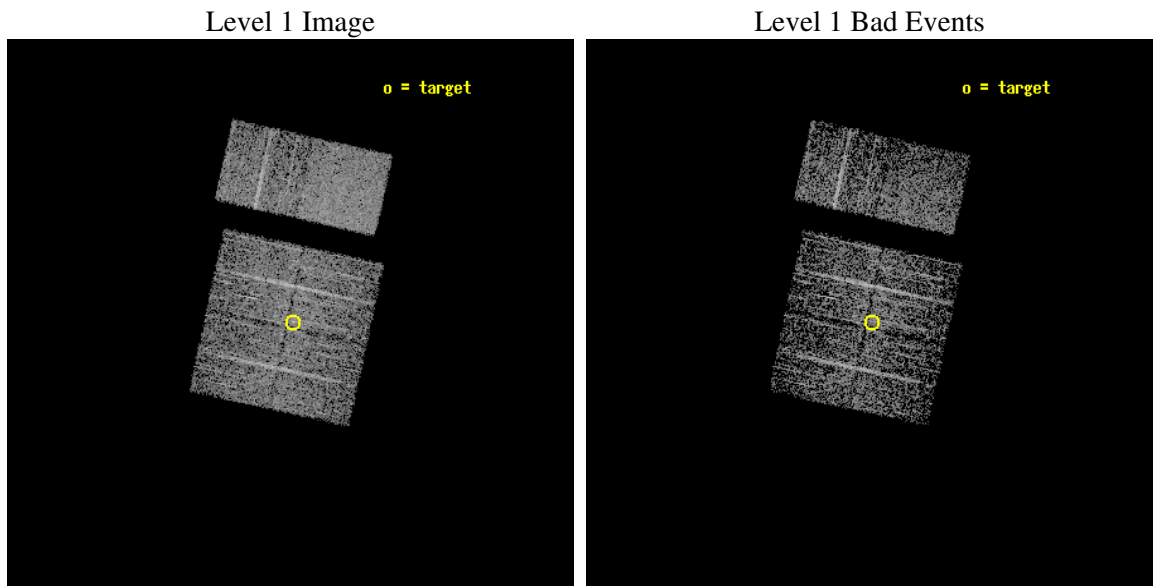
seq_num	200152
obs_id	2544
title	ON THE ORIGIN OF THE X-RAY EMISSION IN LATE B-TYPE STARS
observer	Dr. Nuria Huelamo
object	HD169978
dtcycle	0
cycle	P
ra_targ	277.843333
dec_targ	-62.278306
ra_nom	277.8533882547
dec_nom	-62.278912666445
roll_nom	12.486305269287
revision	2
ontime	2451.1999908686
livetime	2420.1614206488
ontime0	2451.1999908686
ontime1	2451.1999908686
ontime2	2451.1999908686
ontime3	2451.1999908686
ontime6	2451.1999908686
ontime7	2451.1999908686
l2events	16202



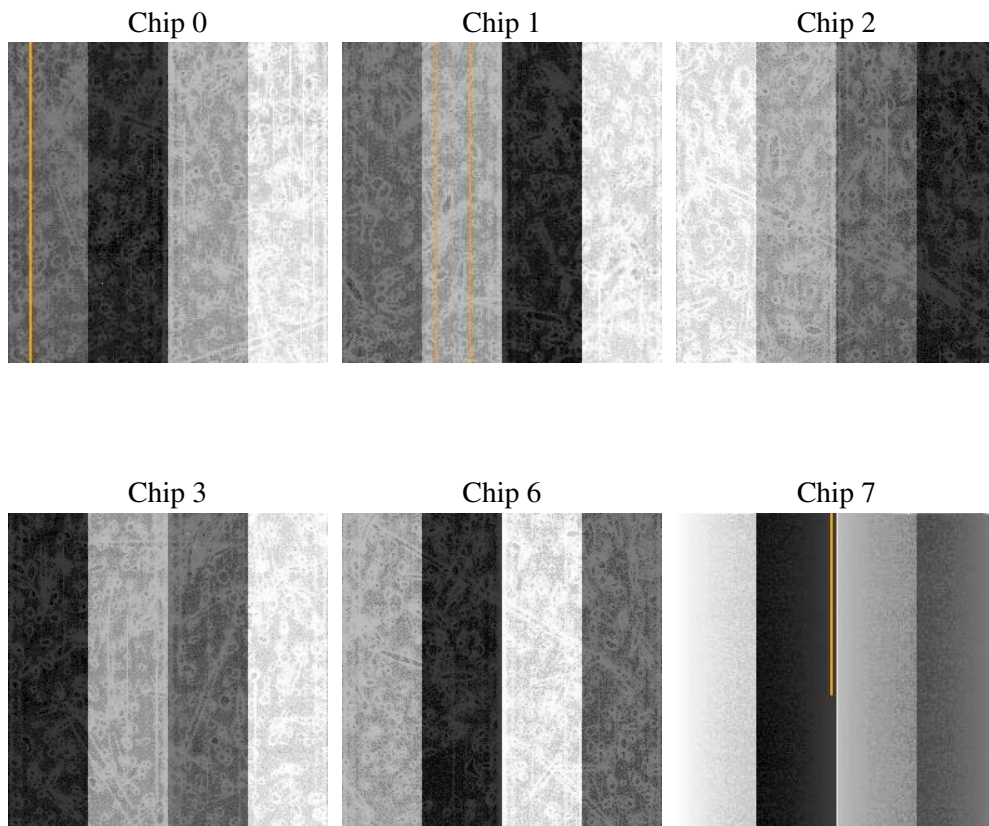
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-20T22:24:18
revision	2

sched_exp_time	2300.000000
ontime	3441.9409411252
ontime0	3441.9409411252
ontime1	3441.9409411252
ontime2	3441.9409411252
ontime3	3441.9409411252
ontime6	3441.9409411252
ontime7	3441.9409411252
l1events	137012

2.1.4 Events

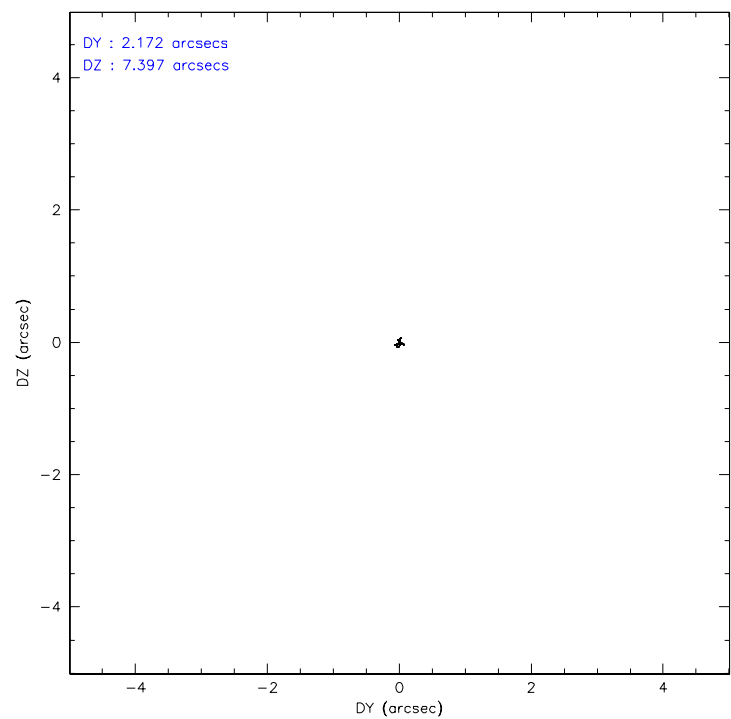
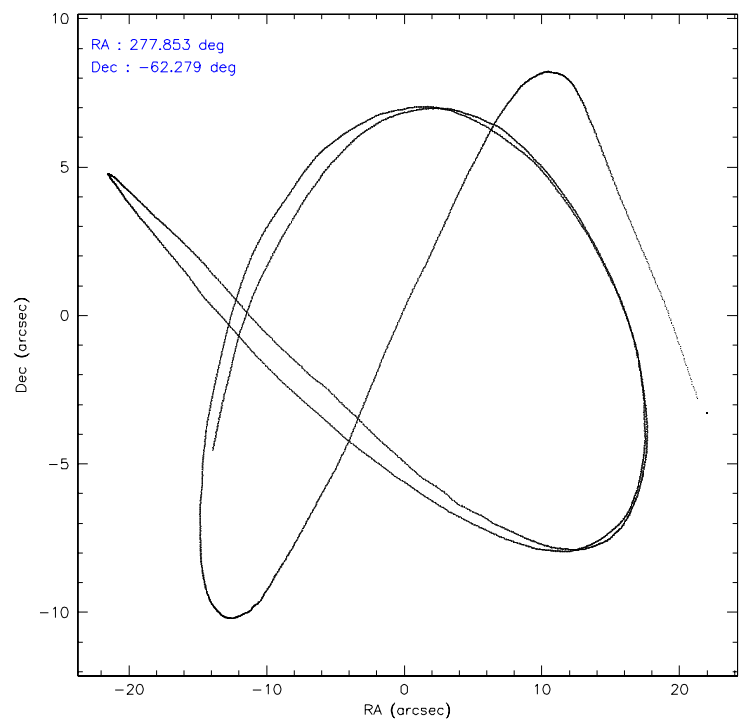
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	20100	19801	22220	22333	23374	29184
rejected events	18057	17846	20320	20291	21411	21324
rejected %	89%	90%	91%	90%	91%	73%

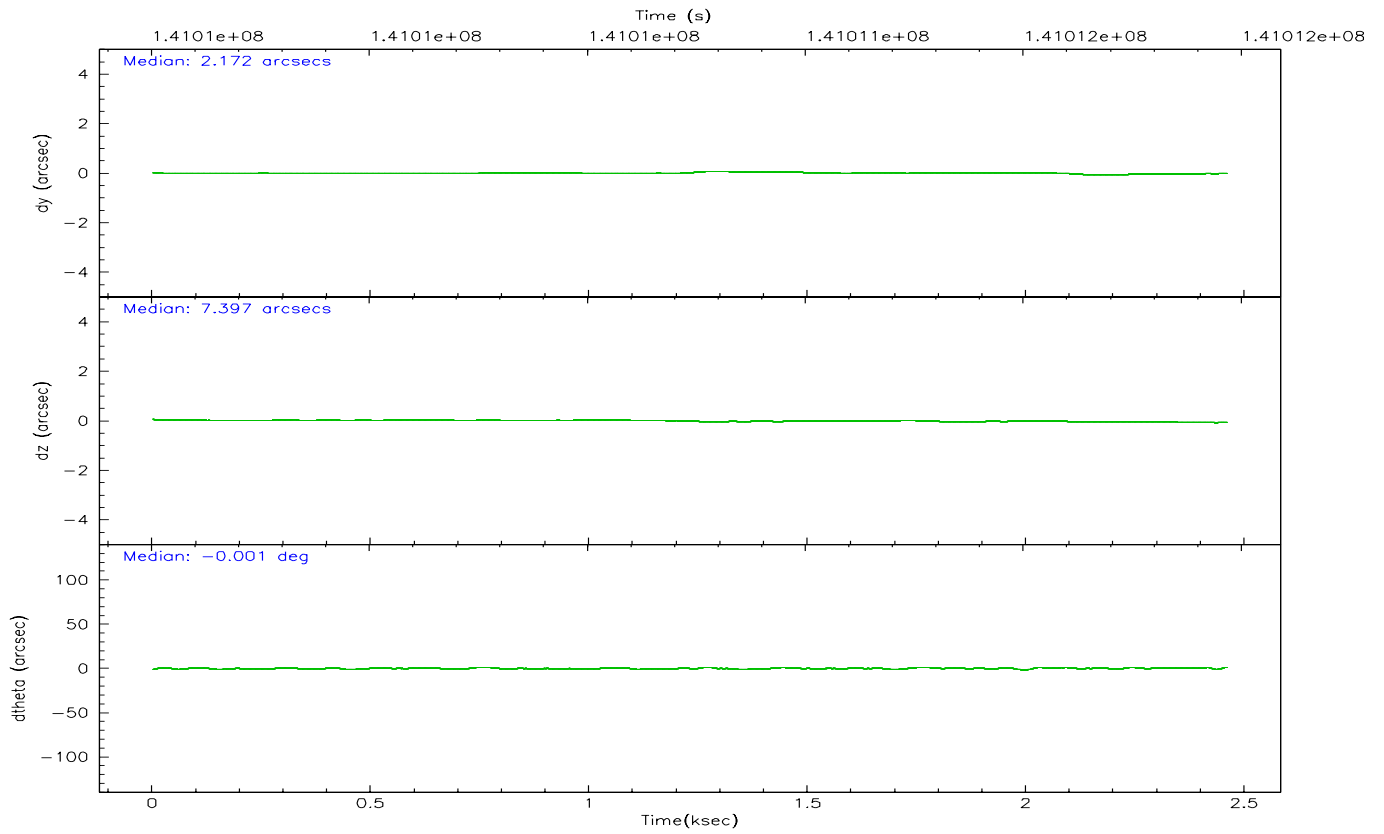
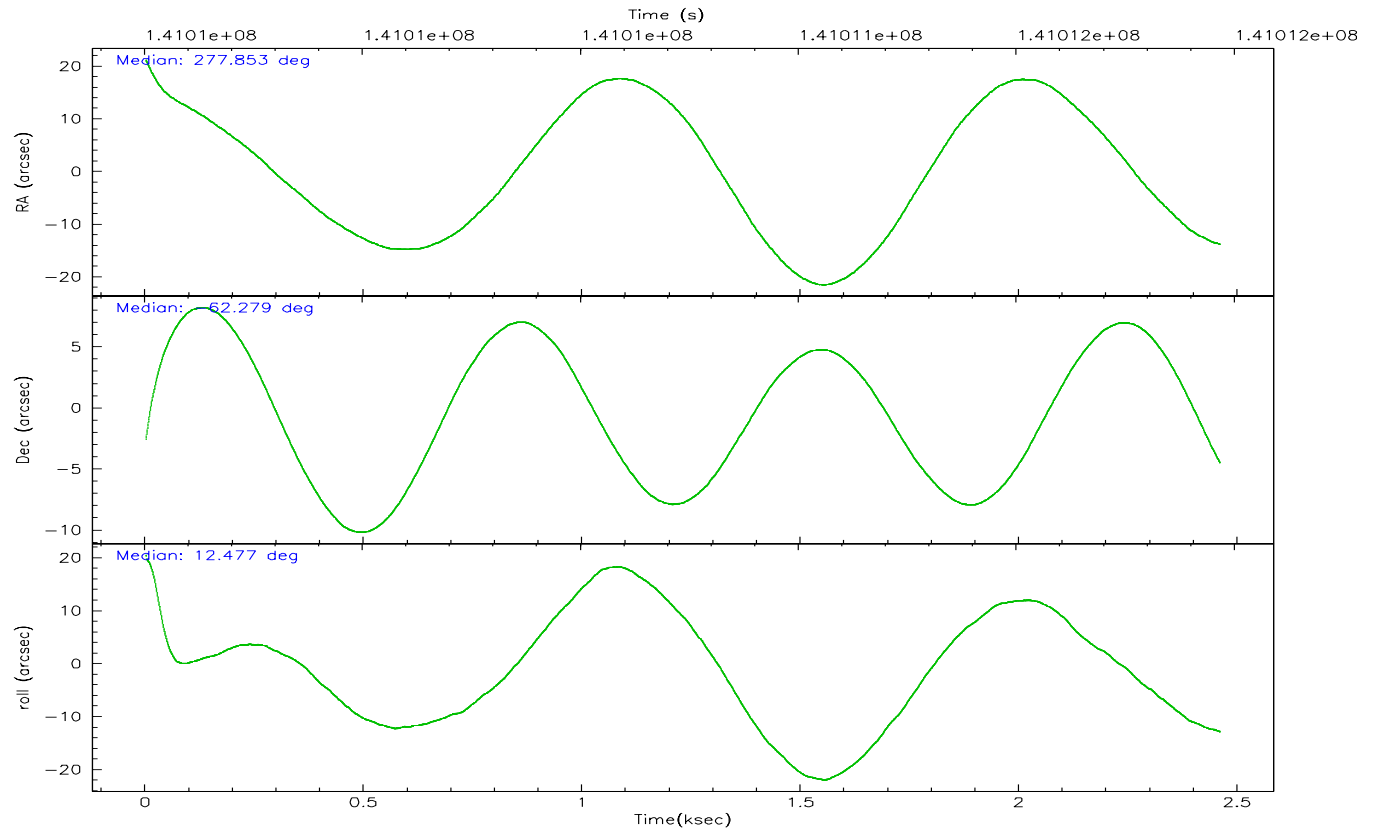
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	1243	1139	1170	1310	1108	712
	6%	5%	5%	5%	4%	2%
grade 1 events	6	13	8	15	15	18
	0%	0%	0%	0%	0%	0%
grade 2 events	600	569	574	540	550	2708
	2%	2%	2%	2%	2%	9%
grade 3 events	265	274	242	248	260	608
	1%	1%	1%	1%	1%	2%
grade 4 events	236	284	215	264	271	593
	1%	1%	0%	1%	1%	2%
grade 5 events	840	941	757	942	971	2050
	4%	4%	3%	4%	4%	7%
grade 6 events	476	487	440	487	553	6432
	2%	2%	1%	2%	2%	22%
grade 7 events	16434	16094	18814	18527	19646	16063
	81%	81%	84%	82%	84%	55%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	277.809862	277.8533882546984	Subarray requested	NONE	NONE
Pointing Dec	-62.297728	-62.27891266644509	Alternating exposures requested	N	N
Pointing Roll	12.239014	12.48630526928685	Primary exposure time	0.000000	3.2
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	141009666.184000	141008116.84869			
Observation start date	2002-06-21T01:20:02	2002-06-21T00:55:16			
Observation end time	141011966.184000	141012543.82388			
Observation end date	2002-06-21T01:58:22	2002-06-21T02:09:03			
Read mode	TIMED	TIMED			

2.3 Aspect



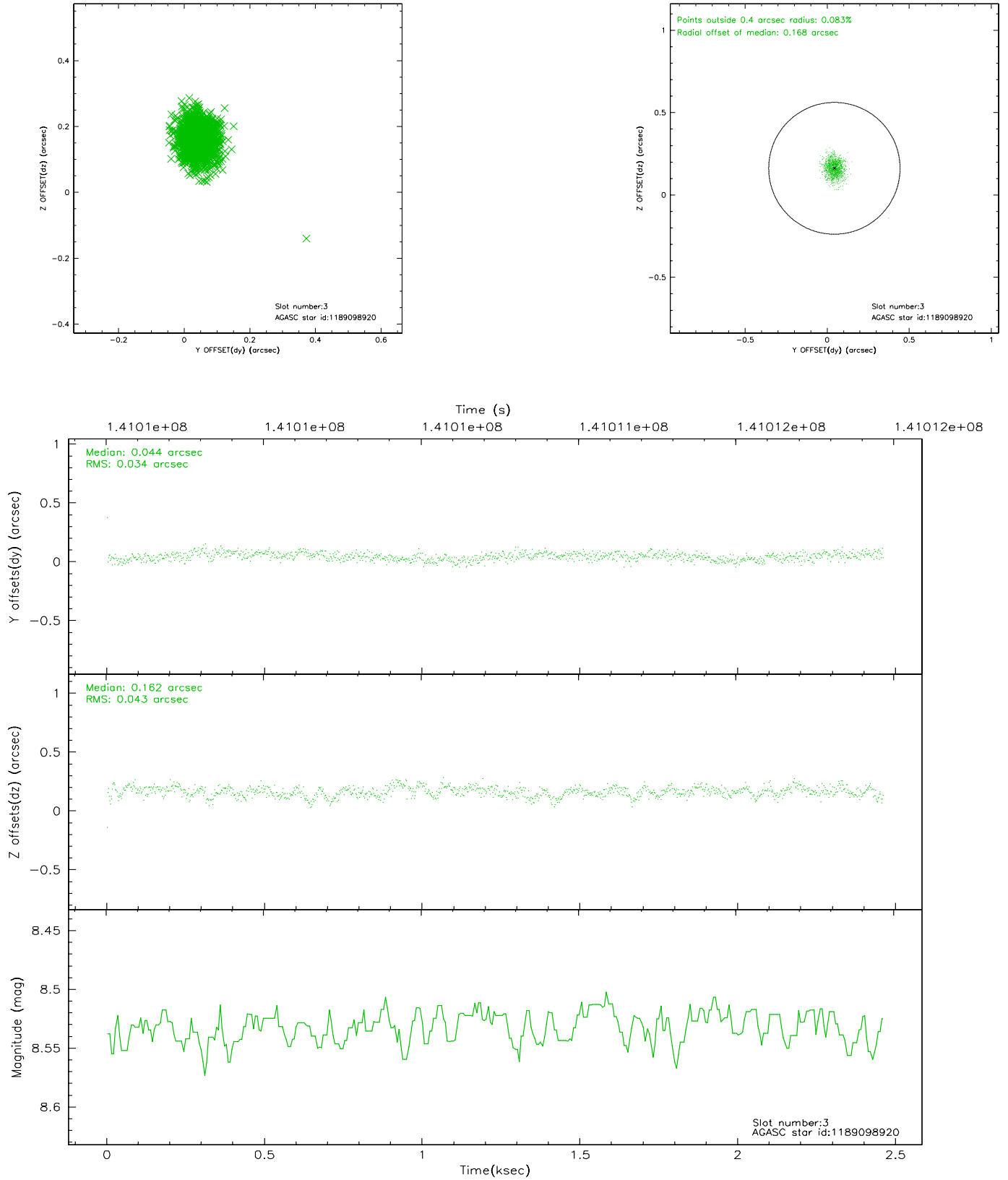


Slot Statistics

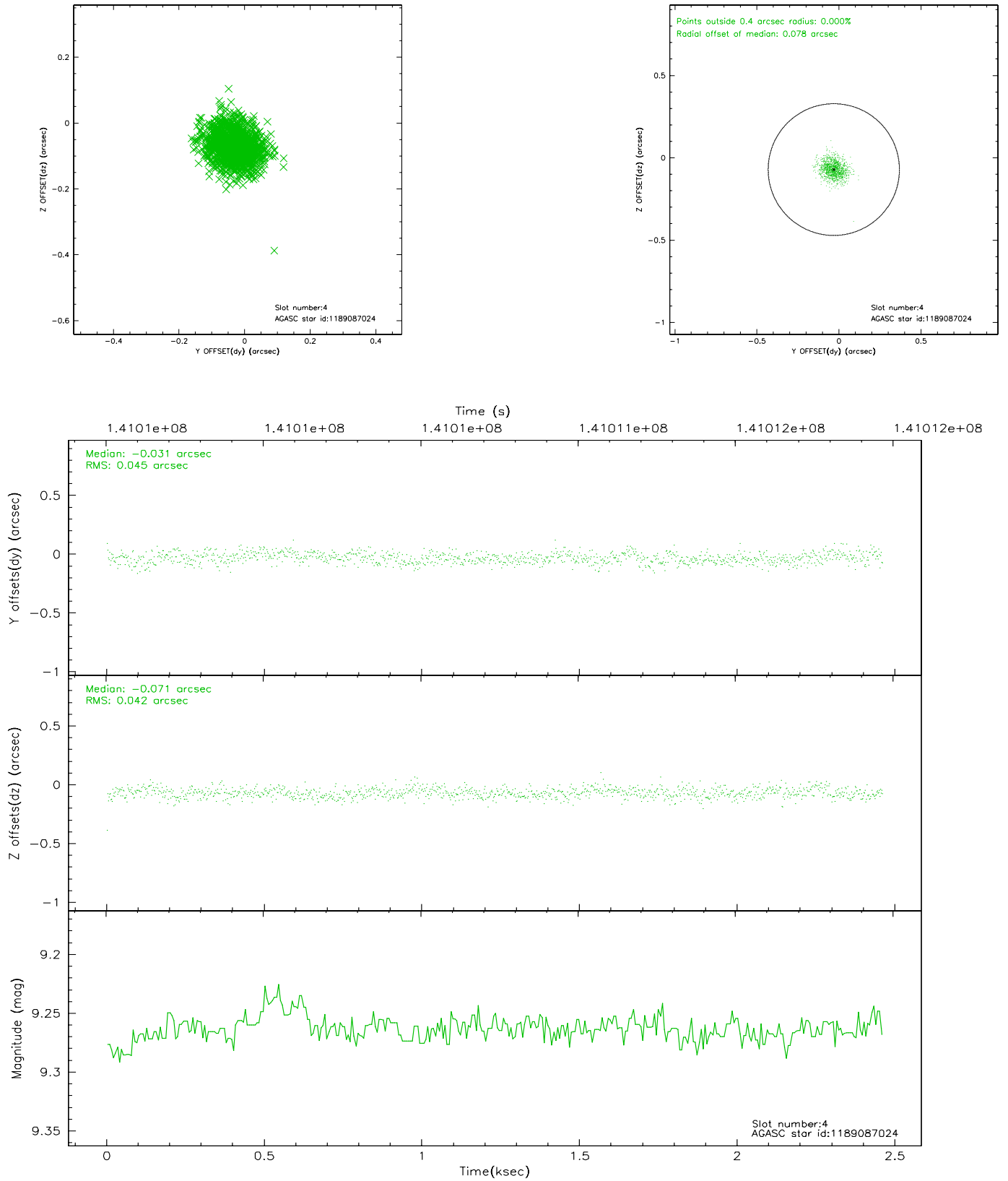
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	600	-0.036	0.071	0.006	0.010	0.000000	0.000000	937.59	-830.75
1	FID	ACIS-I-5	7.23	600	-0.007	0.037	0.006	0.011	0.000000	0.000000	-1808.97	1065.46
2	FID	ACIS-I-6	7.26	600	-0.050	-0.039	0.006	0.011	0.000000	0.000000	400.33	1712.82
3	GUIDE	1189098920	8.53	1201	0.044	0.162	0.056	0.091	277.940123	-62.863736	-222.89	-2035.80
4	GUIDE	1189087024	9.26	1201	-0.031	-0.071	0.065	0.105	278.422874	-62.085262	1170.21	523.05
5	GUIDE	1188577712	9.29	1200	-0.105	-0.075	0.096	0.153	278.337108	-61.715031	1323.25	1857.30
6	GUIDE	1189095768	9.82	1200	0.062	0.077	0.097	0.157	277.768011	-62.510921	-229.63	-732.83
7	GUIDE	1188575392	9.27	1200	0.034	-0.095	0.091	0.143	277.754857	-61.645267	405.21	2315.61

2.4 Star Slots

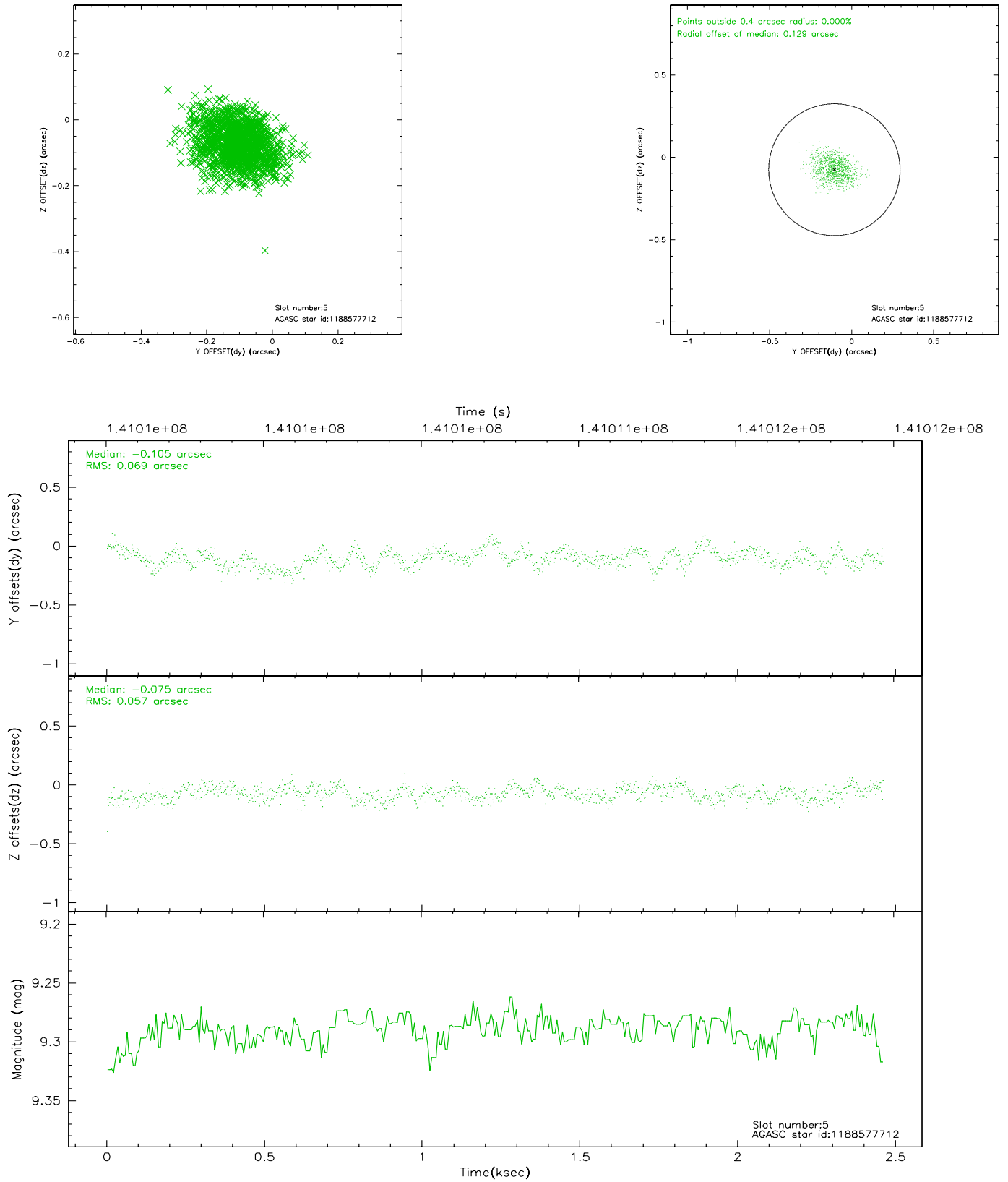
2.4.1 Slot 3



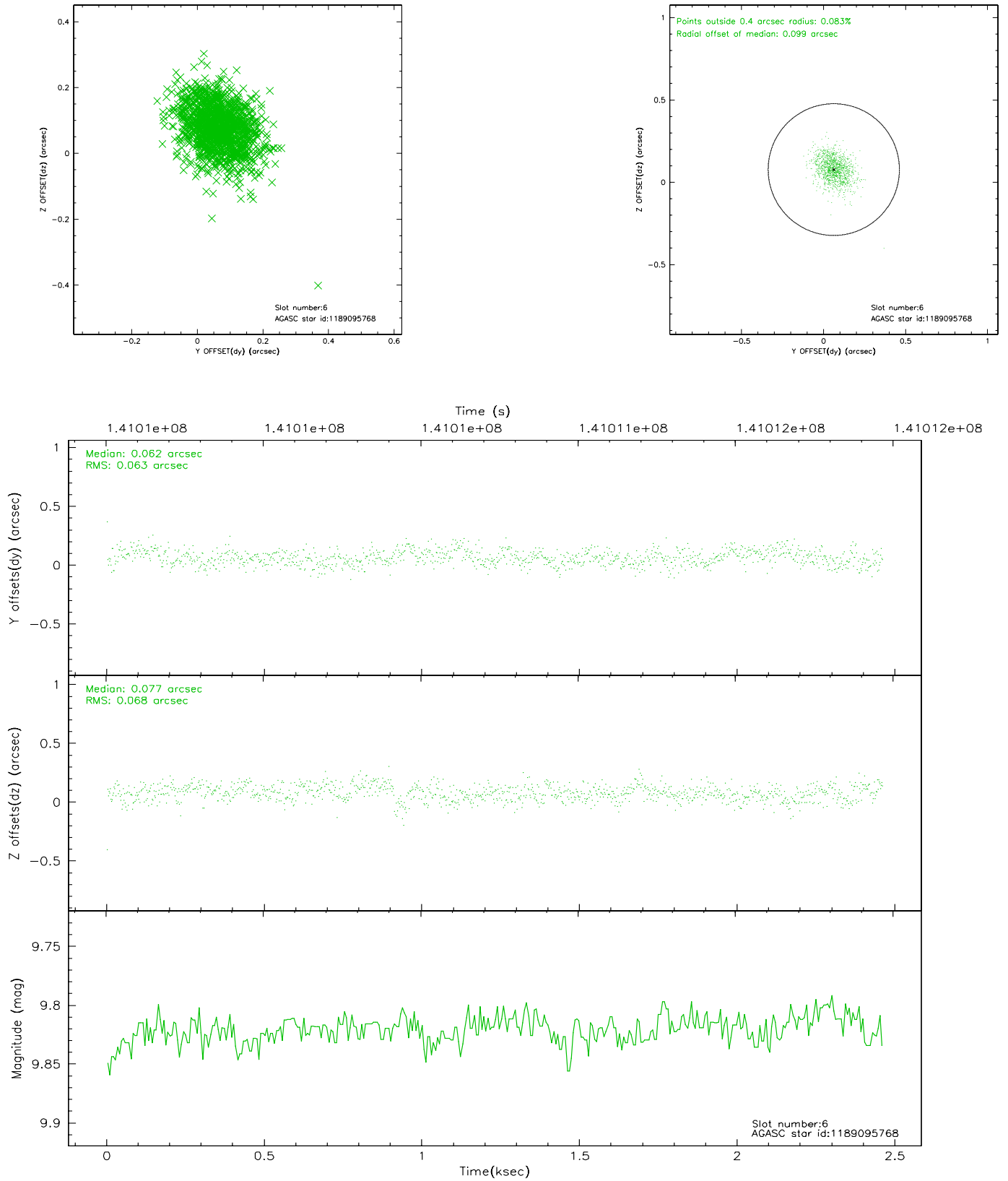
2.4.2 Slot 4



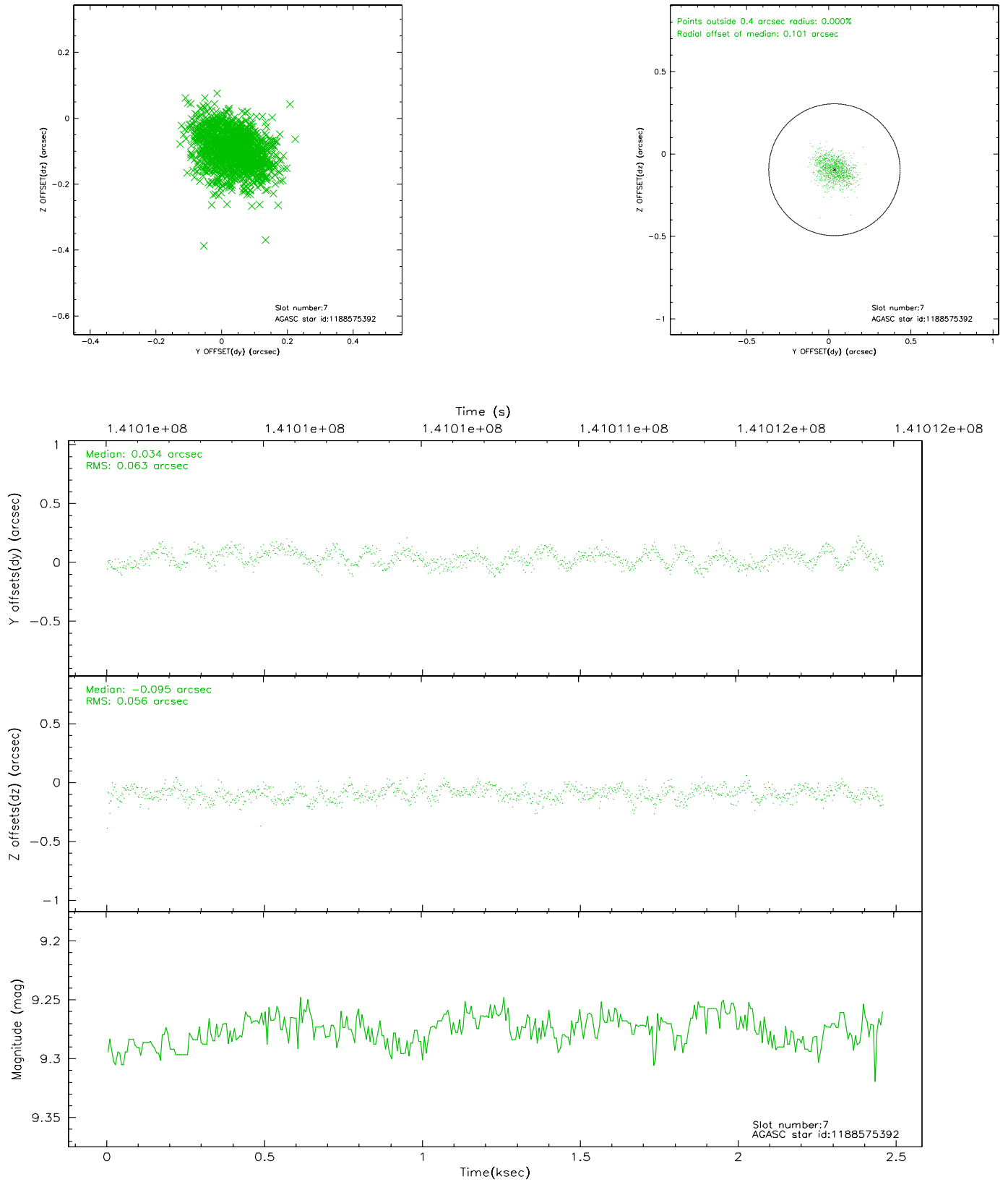
2.4.3 Slot 5



2.4.4 Slot 6

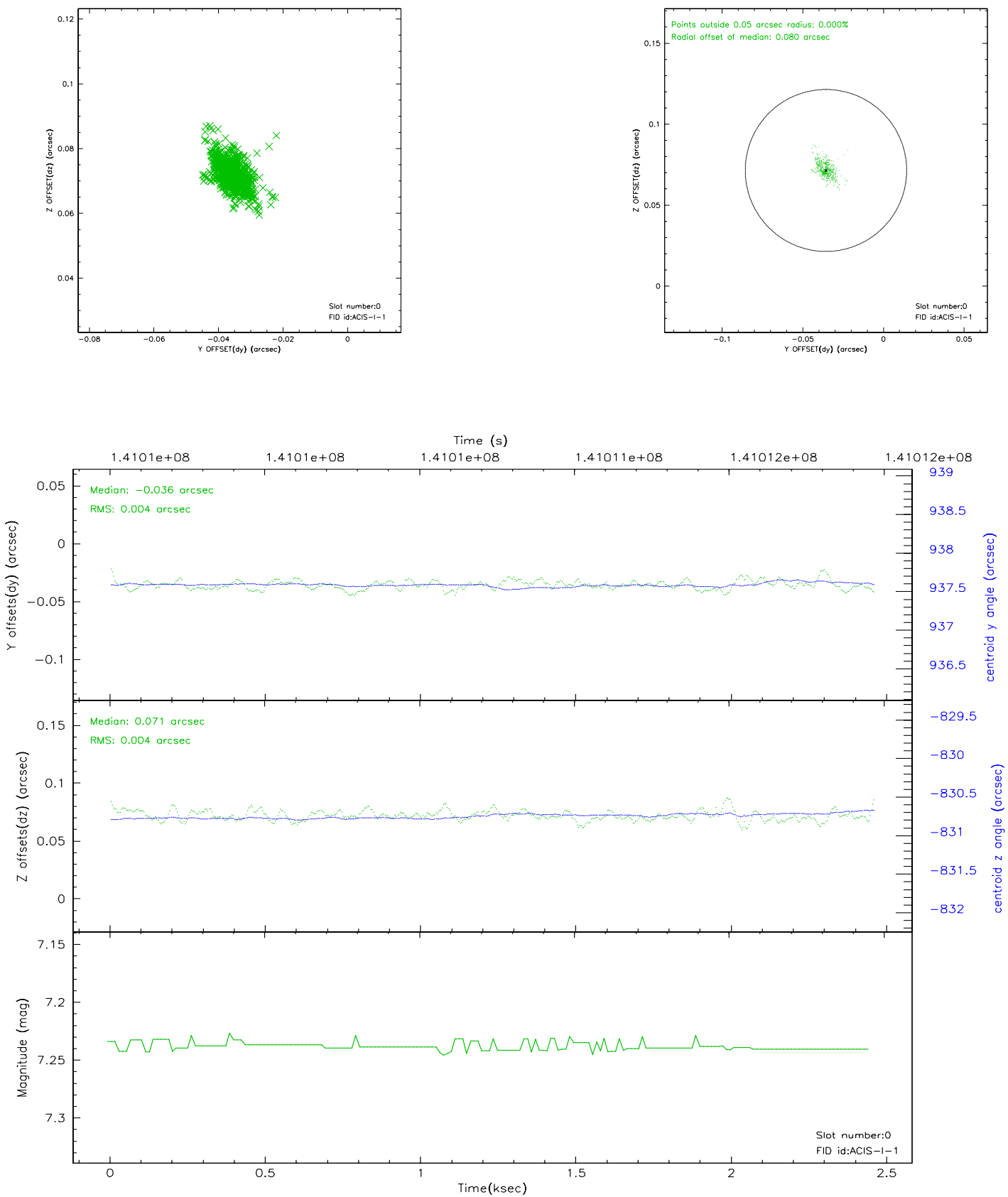


2.4.5 Slot 7

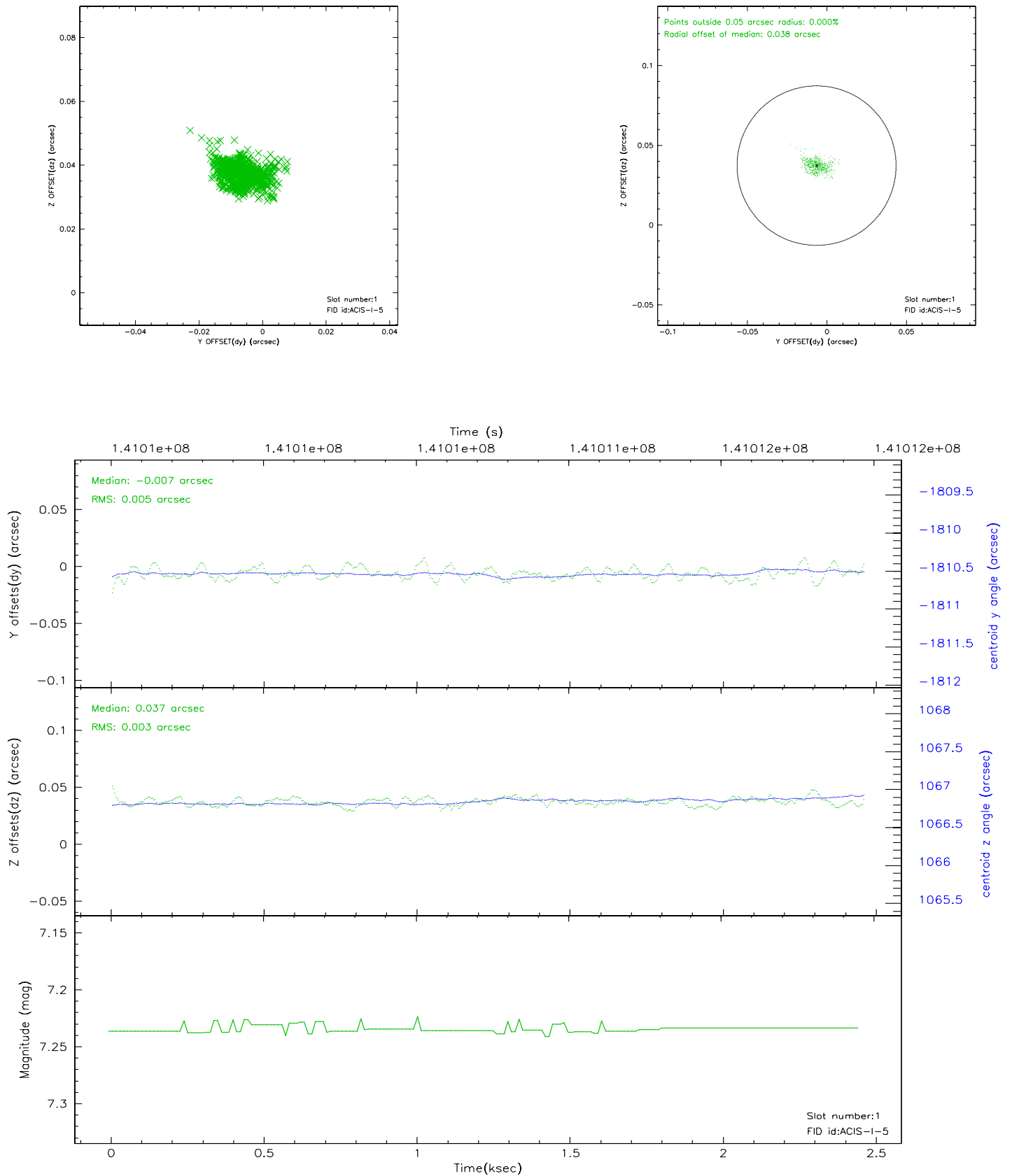


2.5 FID Slots

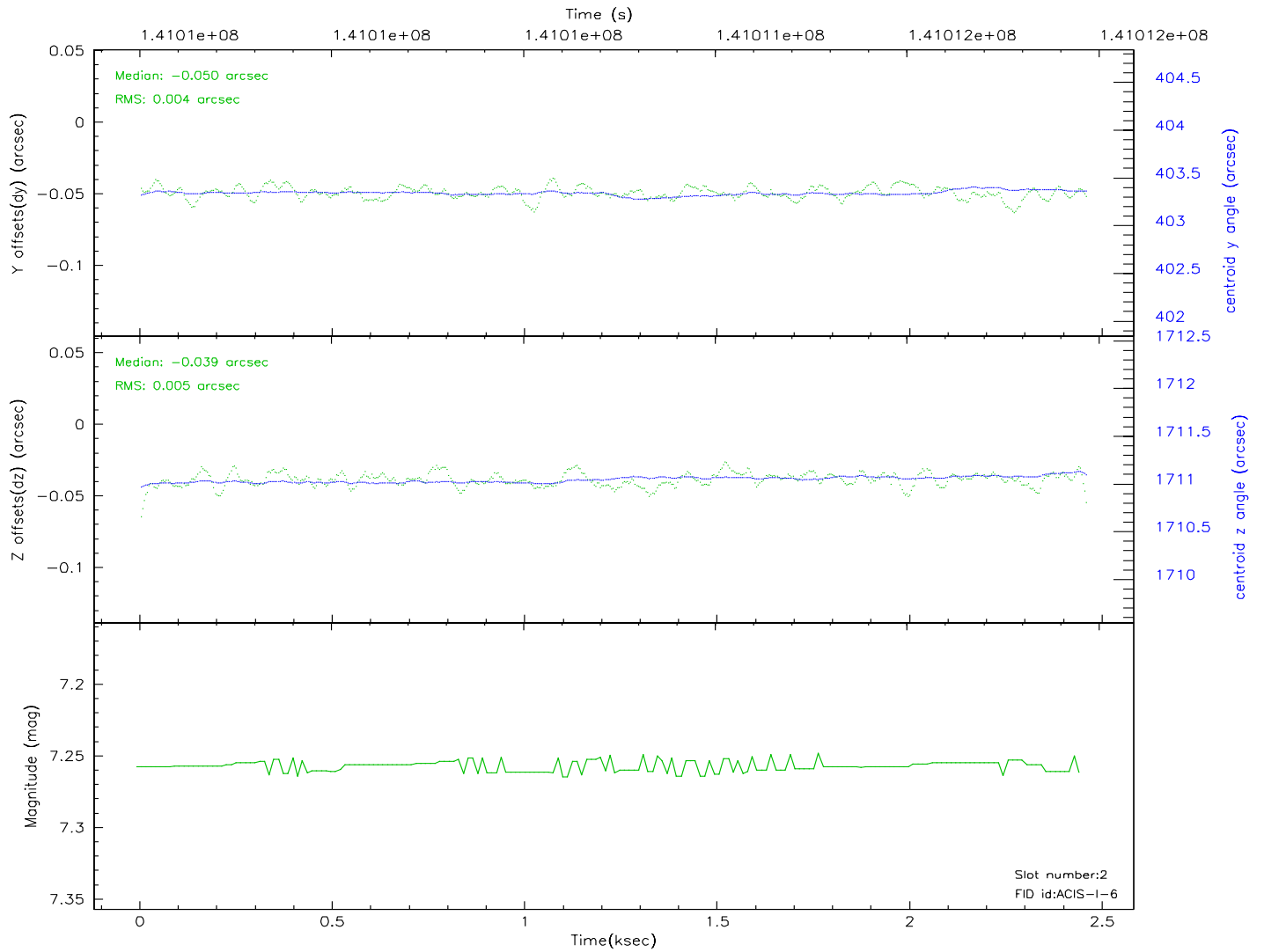
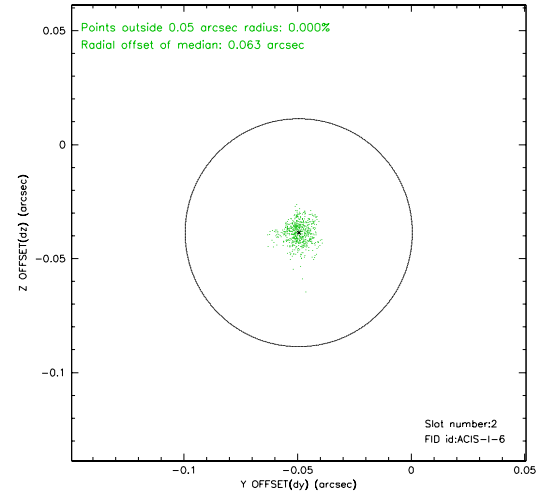
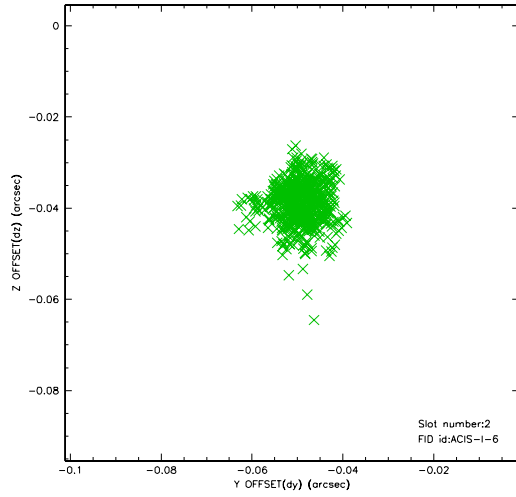
2.5.1 Slot 0



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)	2006.09.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.451

A.2 Comments