

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1881 - L2 Version 001
Chandra X-Ray Center

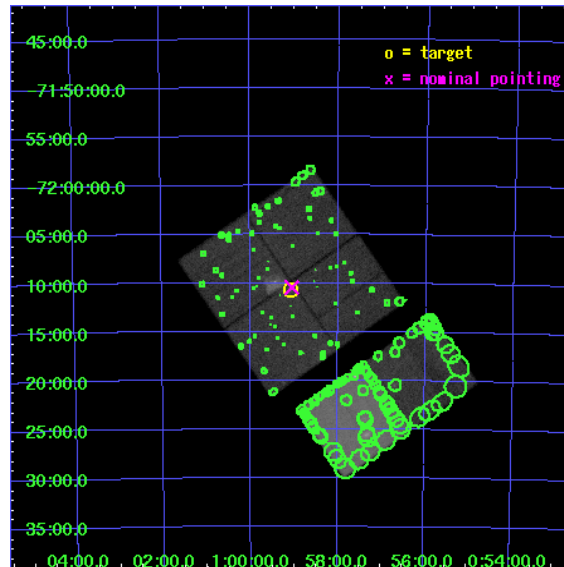
L2 Processing Date : Nov 21 2006

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1 Front

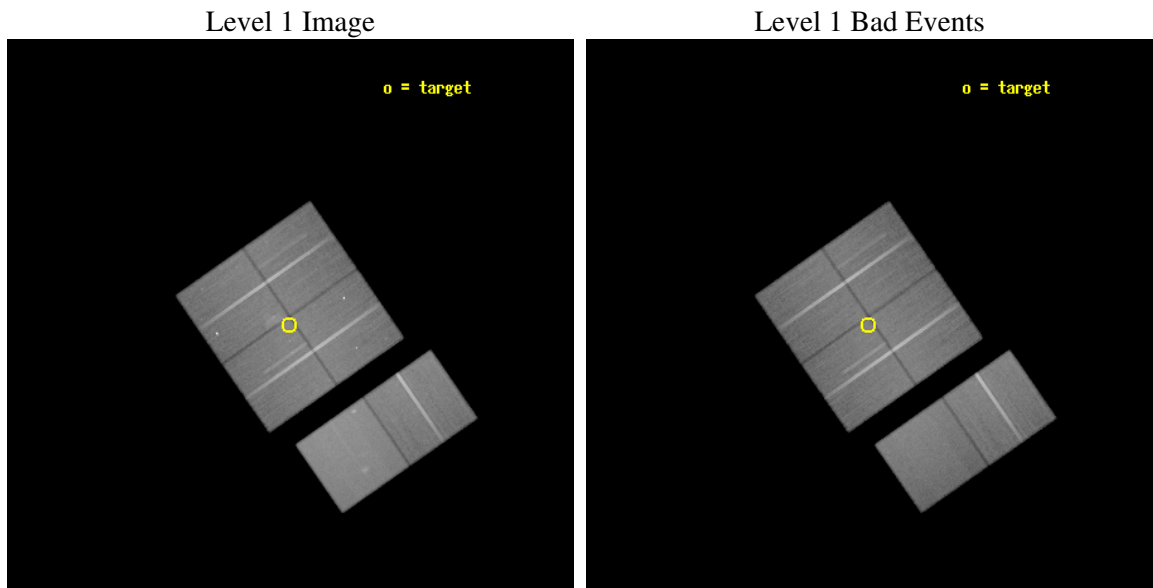
seq_num	200109
obs_id	1881
title	THE NEARBY LOW METALLICITY STARBURST NGC~346: A HIGH REDSHIFT STARBURST ANALOGUE
observer	Dr Michael Corcoran
object	NGC 346
dtcycle	0
cycle	P
ra_targ	14.770833
dec_targ	-72.178361
ra_nom	14.762572867516
dec_nom	-72.174337220002
roll_nom	145.22333818313
revision	2
ontime	99952.000093088
livetime	98686.34768404
ontime0	99948.759132832
ontime1	99945.518172607
ontime2	99942.277202323
ontime3	99952.000093088
ontime6	99952.000093088
ontime7	99952.000093088
l2events	652301



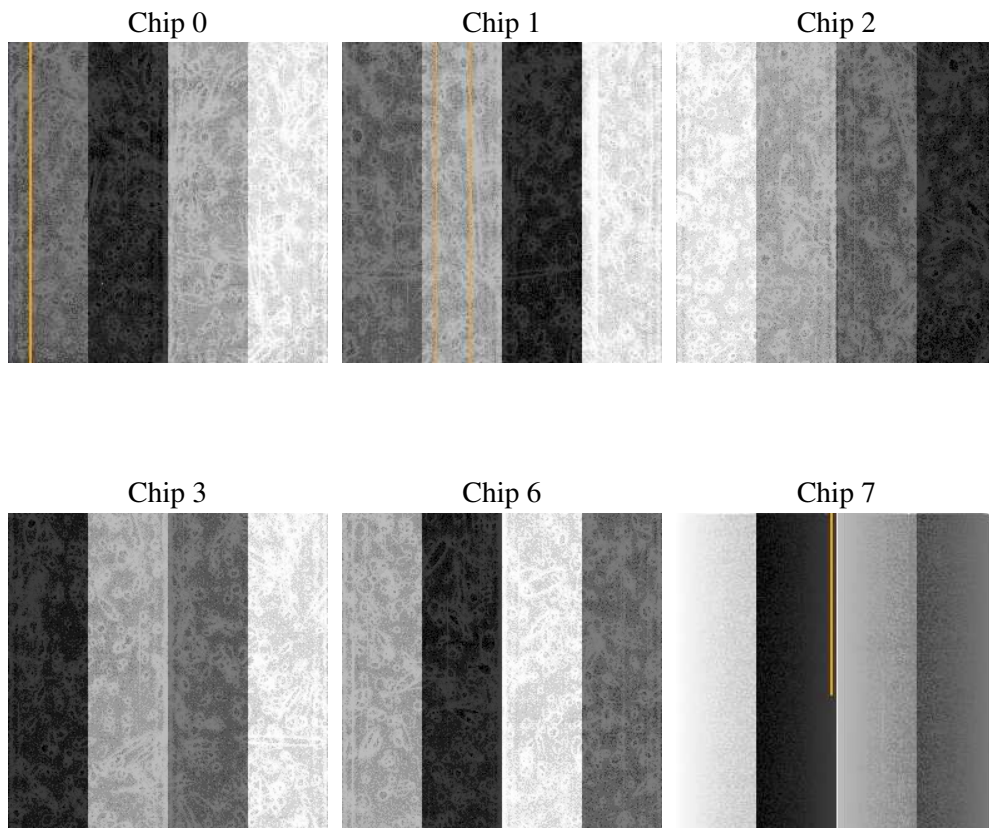
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-11-21T17:45:15
revision	2

sched_exp_time	100000.000000
ontime	99958.874603972
ontime0	99955.633643717
ontime1	99952.392683491
ontime2	99949.151713207
ontime3	99958.874603972
ontime6	99958.874603972
ontime7	99958.874603972
l1events	3960262

2.1.4 Events

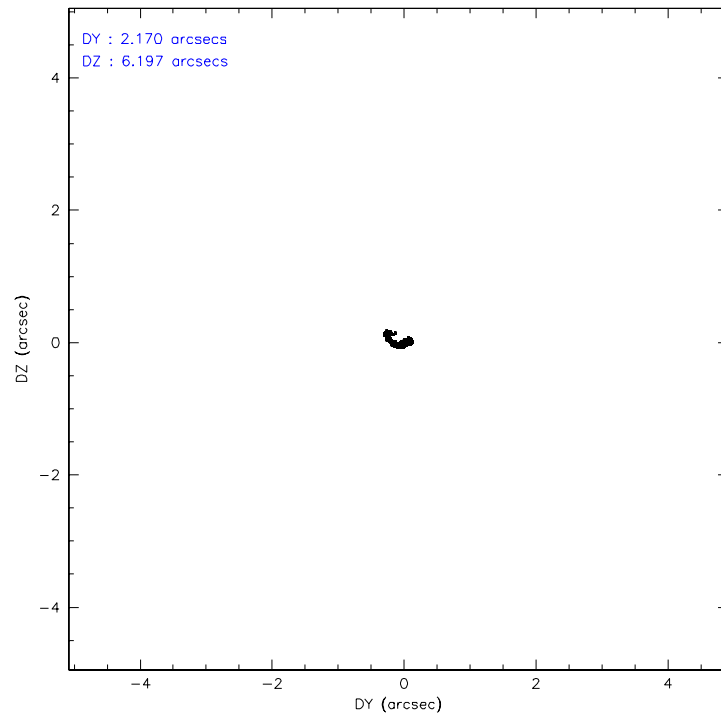
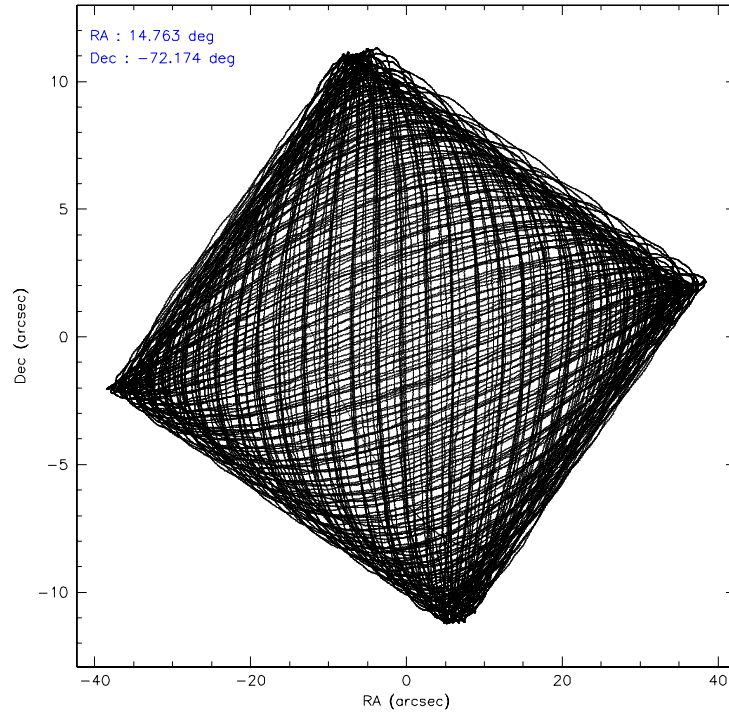
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	581936	607797	649694	640096	663723	817016
rejected events	506369	514577	569158	564095	589405	502397
rejected %	87%	84%	87%	88%	88%	61%

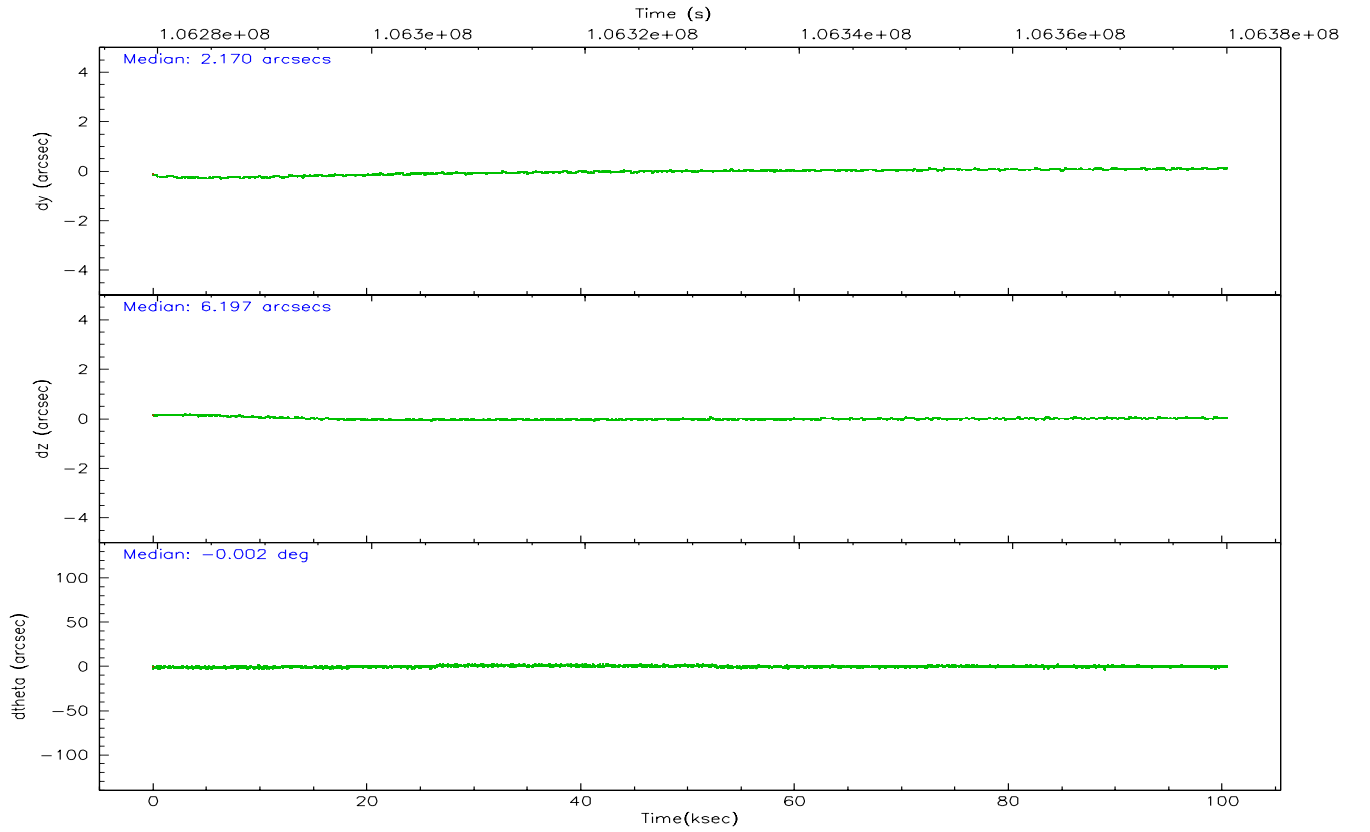
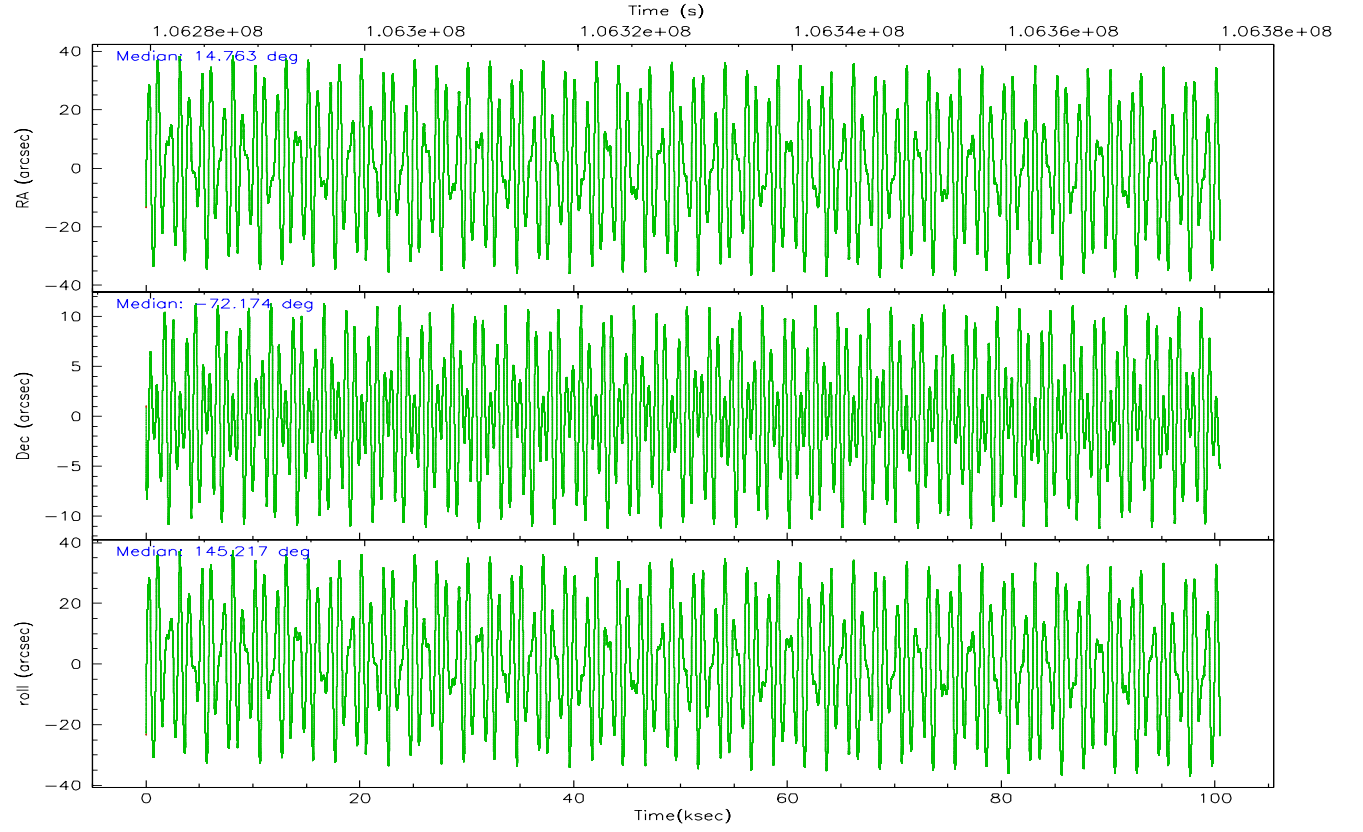
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	33054	45113	37385	34728	30330	20338
	5%	7%	5%	5%	4%	2%
grade 1 events	308	375	341	295	285	462
	0%	0%	0%	0%	0%	0%
grade 2 events	15532	16837	16230	14460	14793	77244
	2%	2%	2%	2%	2%	9%
grade 3 events	7454	8278	7085	6965	7367	16780
	1%	1%	1%	1%	1%	2%
grade 4 events	6732	8321	7057	6953	7212	16593
	1%	1%	1%	1%	1%	2%
grade 5 events	22646	24165	21278	24651	27422	53743
	3%	3%	3%	3%	4%	6%
grade 6 events	12804	14675	12786	12902	14620	183681
	2%	2%	1%	2%	2%	22%
grade 7 events	483406	490033	547532	539142	561694	448175
	83%	80%	84%	84%	84%	54%

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
Observation mode	POINTING	POINTING	Number of optional ACIS chips dropped	0	0
Pointing RA	14.851931	14.76257286751607	On-chip summing requested	N	N
Pointing Dec	-72.176579	-72.17433722000175	Subarray requested	NONE	NONE
Pointing Roll	145.099715	145.2233381831277	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.782348	-0.7809083437167272	Primary exposure time	0.000000	3.2
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	106280029.184000	106278917.34872			
Observation start date	2001-05-15T02:12:45	2001-05-15T01:55:17			
Observation end time	106380029.184000	106380963.79019			
Observation end date	2001-05-16T05:59:25	2001-05-16T06:16:03			
Read mode	TIMED	TIMED			

2.3 Aspect



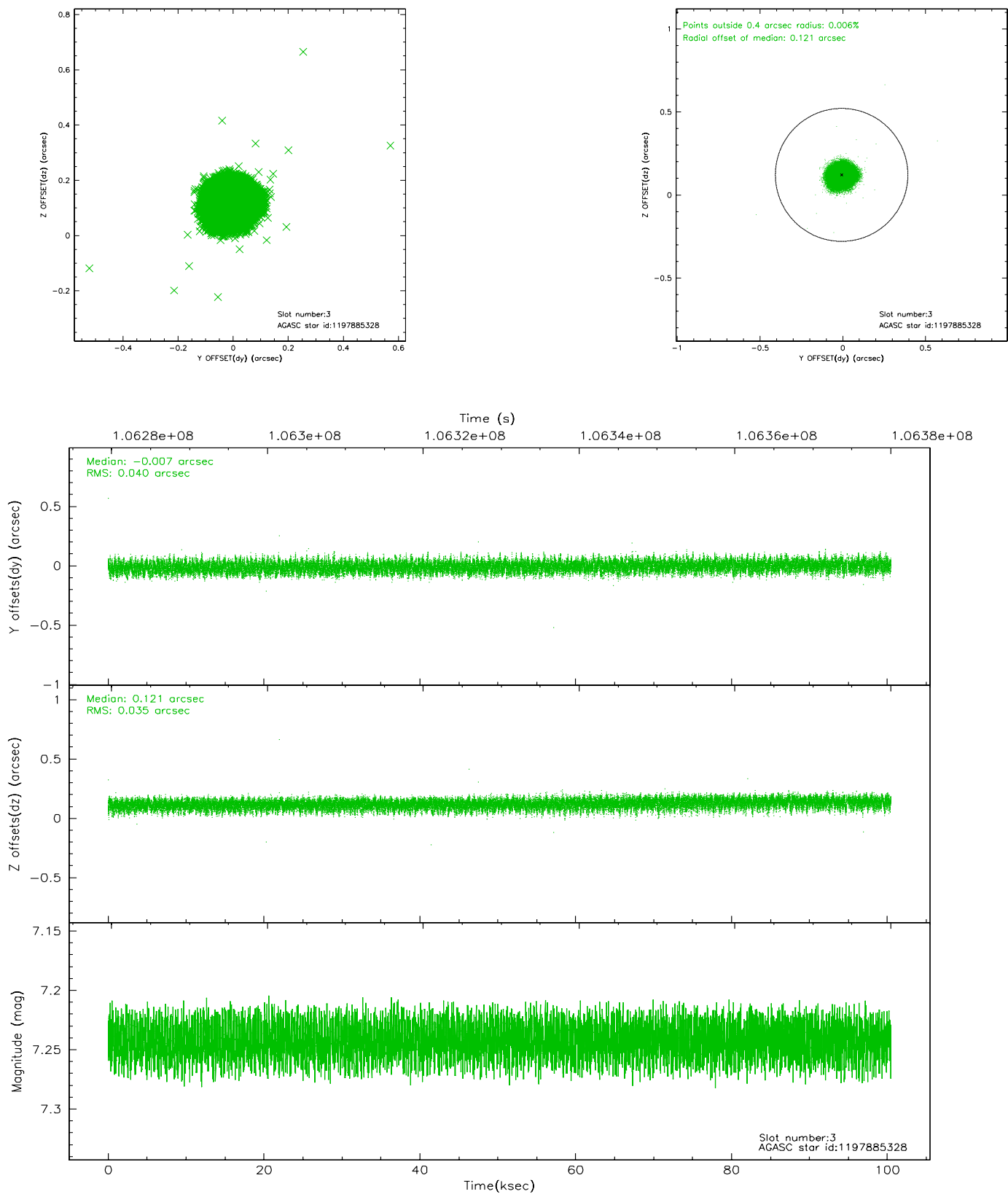


Slot Statistics

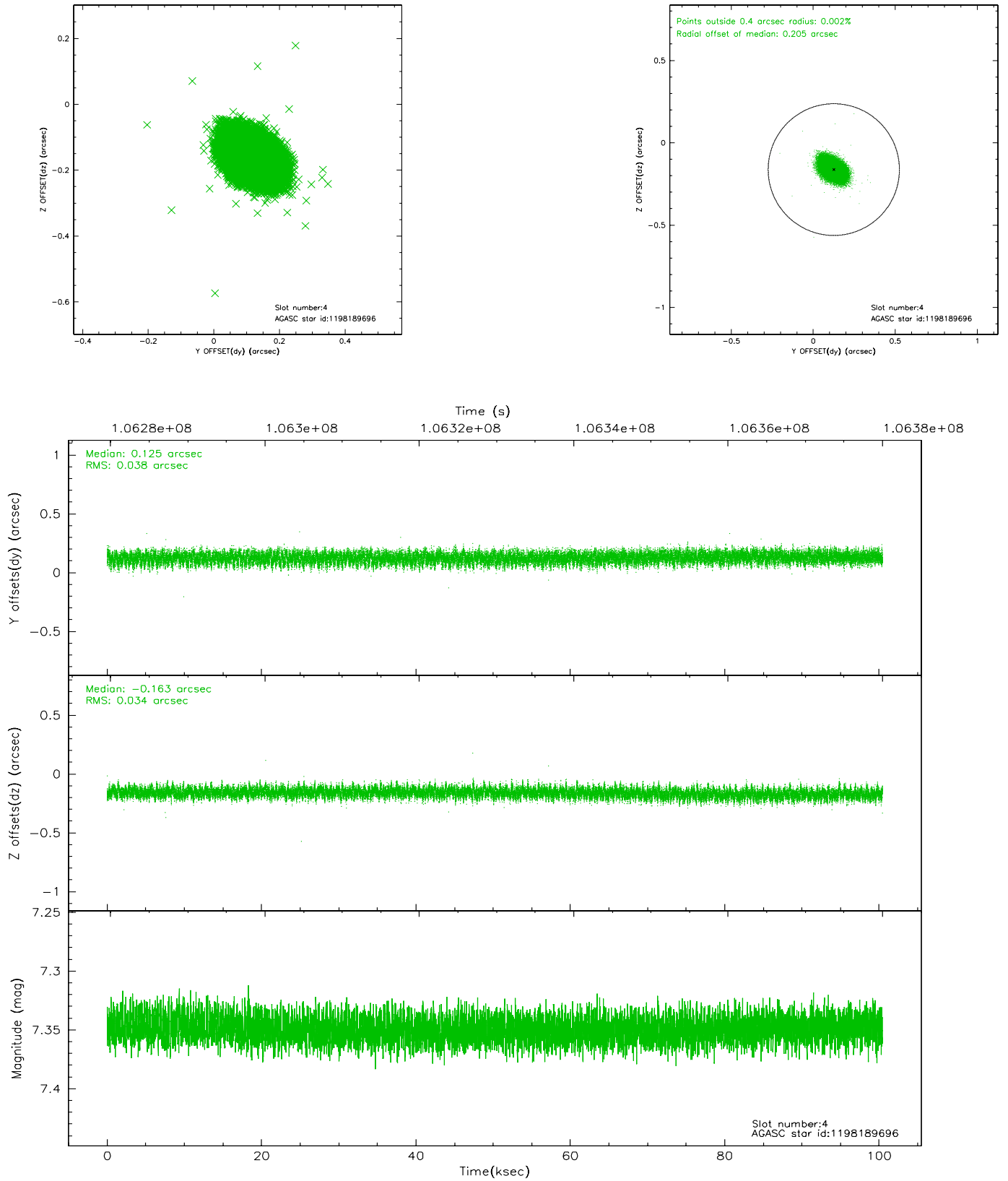
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.16	24504	-0.026	-0.039	0.013	0.023	0.000000	0.000000	-756.52	-835.98
1	FID	ACIS-I-4	7.18	24504	-0.057	0.034	0.012	0.020	0.000000	0.000000	2157.55	1070.31
2	FID	ACIS-I-5	7.23	24506	-0.016	0.074	0.014	0.022	0.000000	0.000000	-1810.45	1068.10
3	GUIDE	1197885328	7.24	48945	-0.007	0.121	0.057	0.090	16.283090	-71.733943	-422.35	-2214.93
4	GUIDE	1198189696	7.35	49010	0.125	-0.163	0.054	0.090	15.223750	-72.697522	-1399.25	1311.13
5	GUIDE	1197750936	7.57	49011	-0.071	0.149	0.058	0.096	15.387940	-71.549550	790.30	-2198.06
6	GUIDE	1197884712	8.31	49004	0.100	-0.002	0.063	0.098	16.087398	-72.252690	-1275.34	-539.55
7	GUIDE	1197751048	8.59	49008	-0.146	-0.102	0.058	0.095	12.451586	-72.130600	2239.30	1424.64

2.4 Star Slots

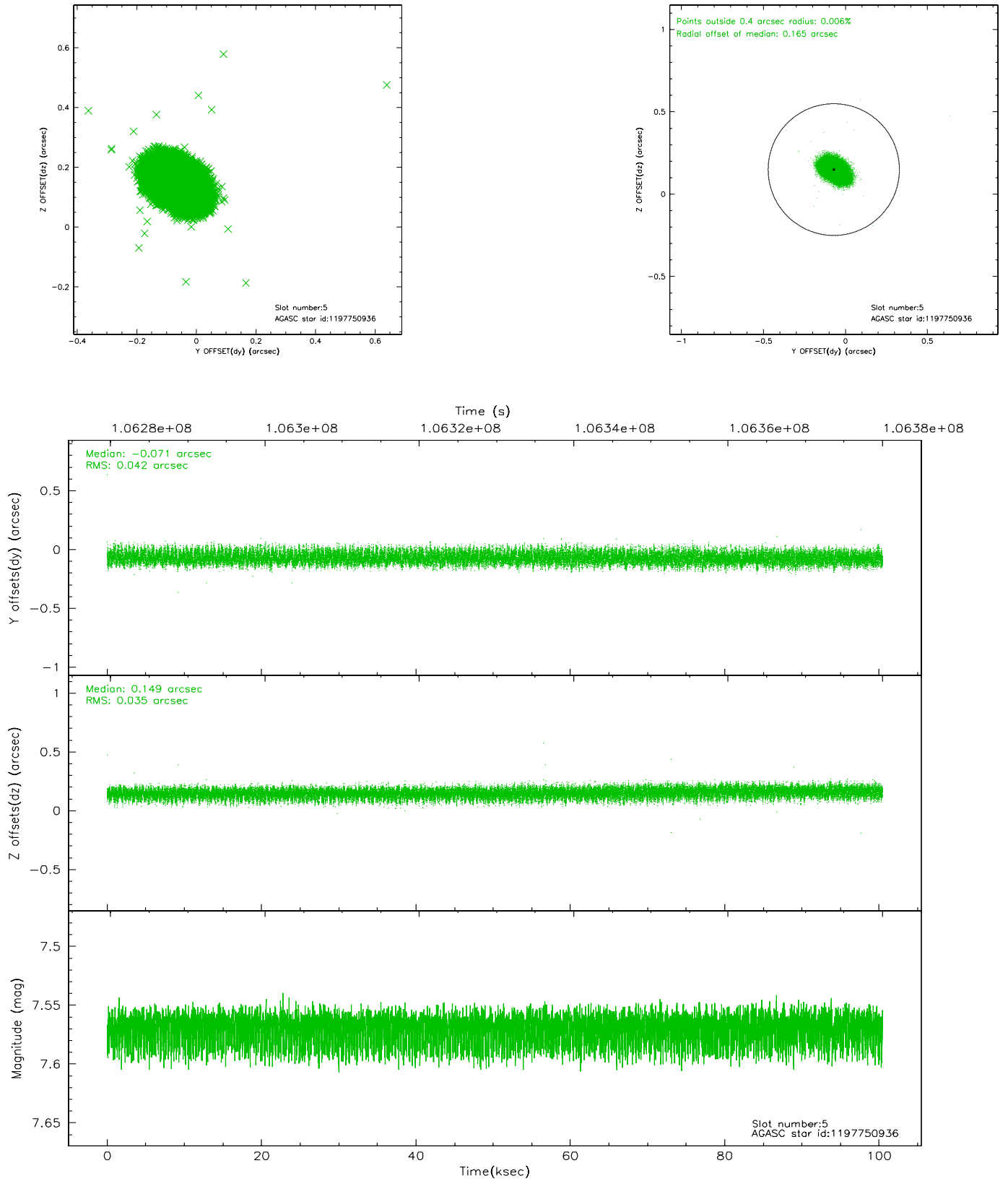
2.4.1 Slot 3



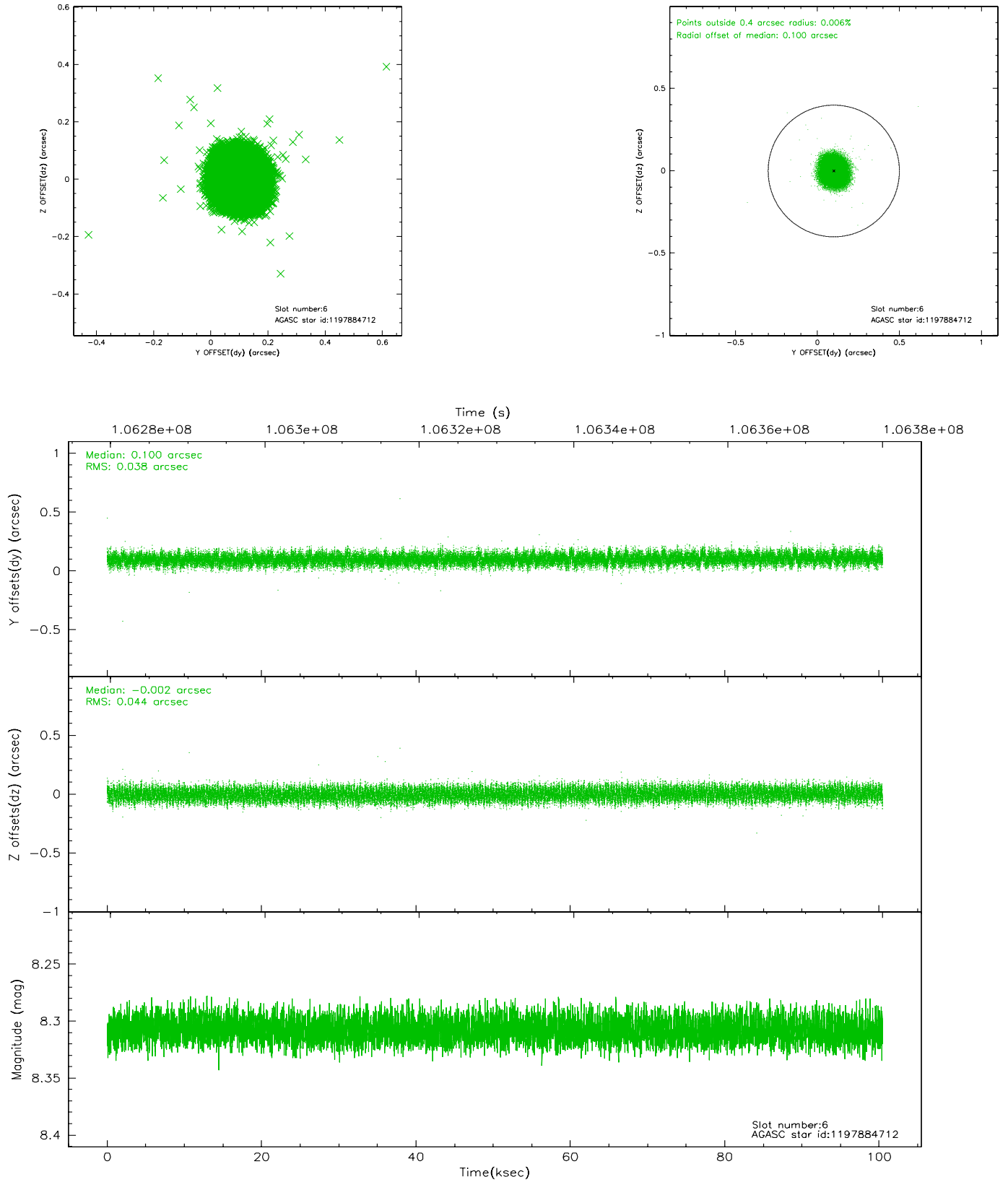
2.4.2 Slot 4



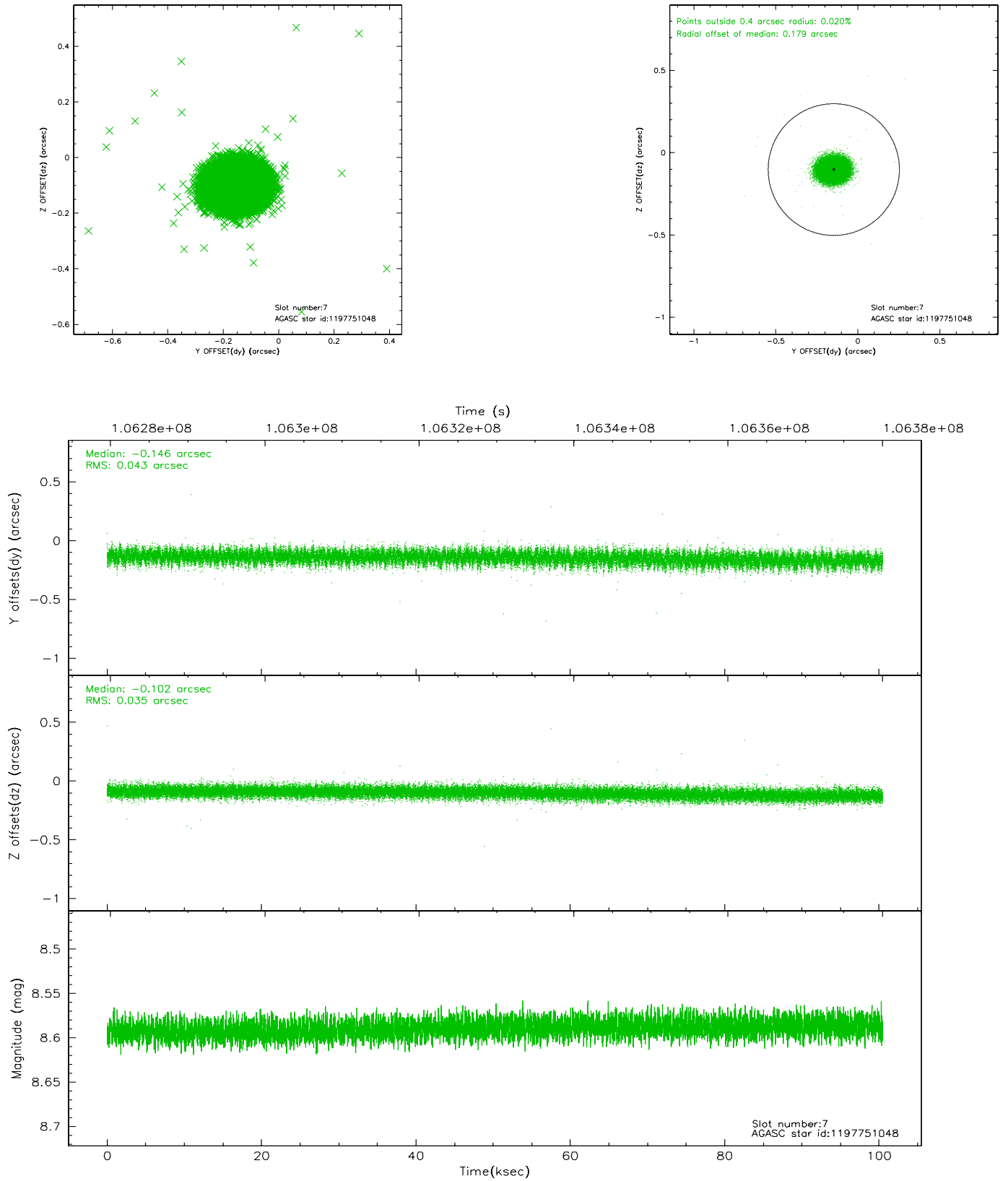
2.4.3 Slot 5



2.4.4 Slot 6

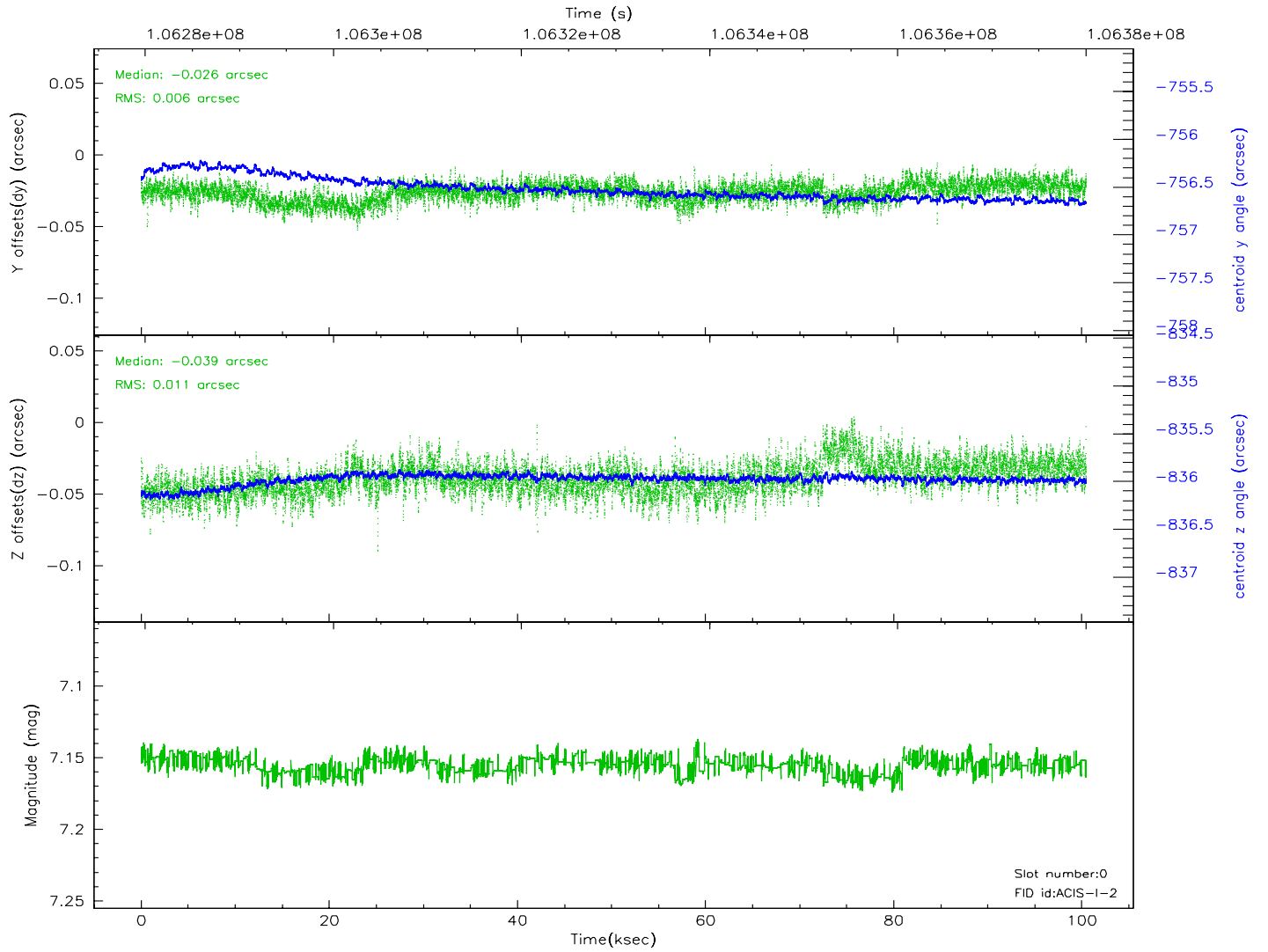
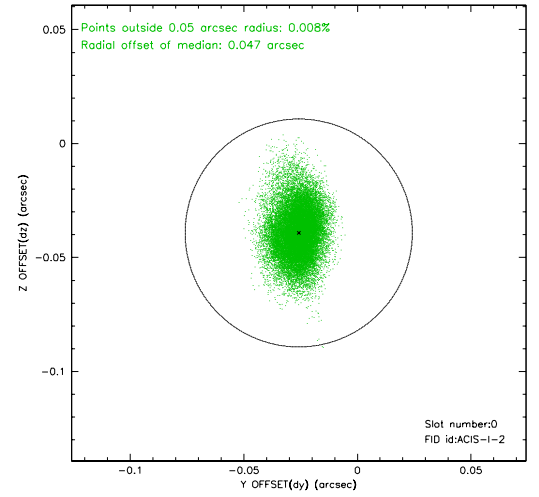
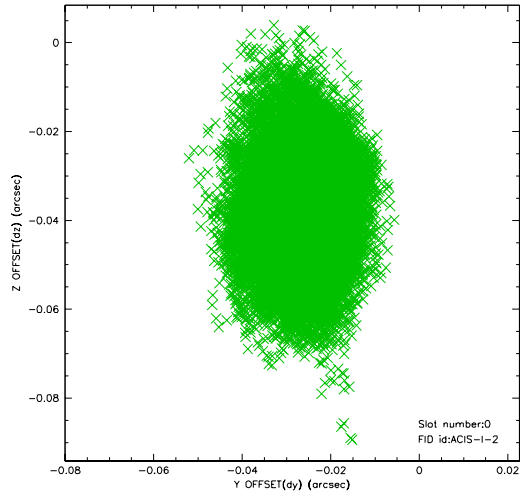


2.4.5 Slot 7

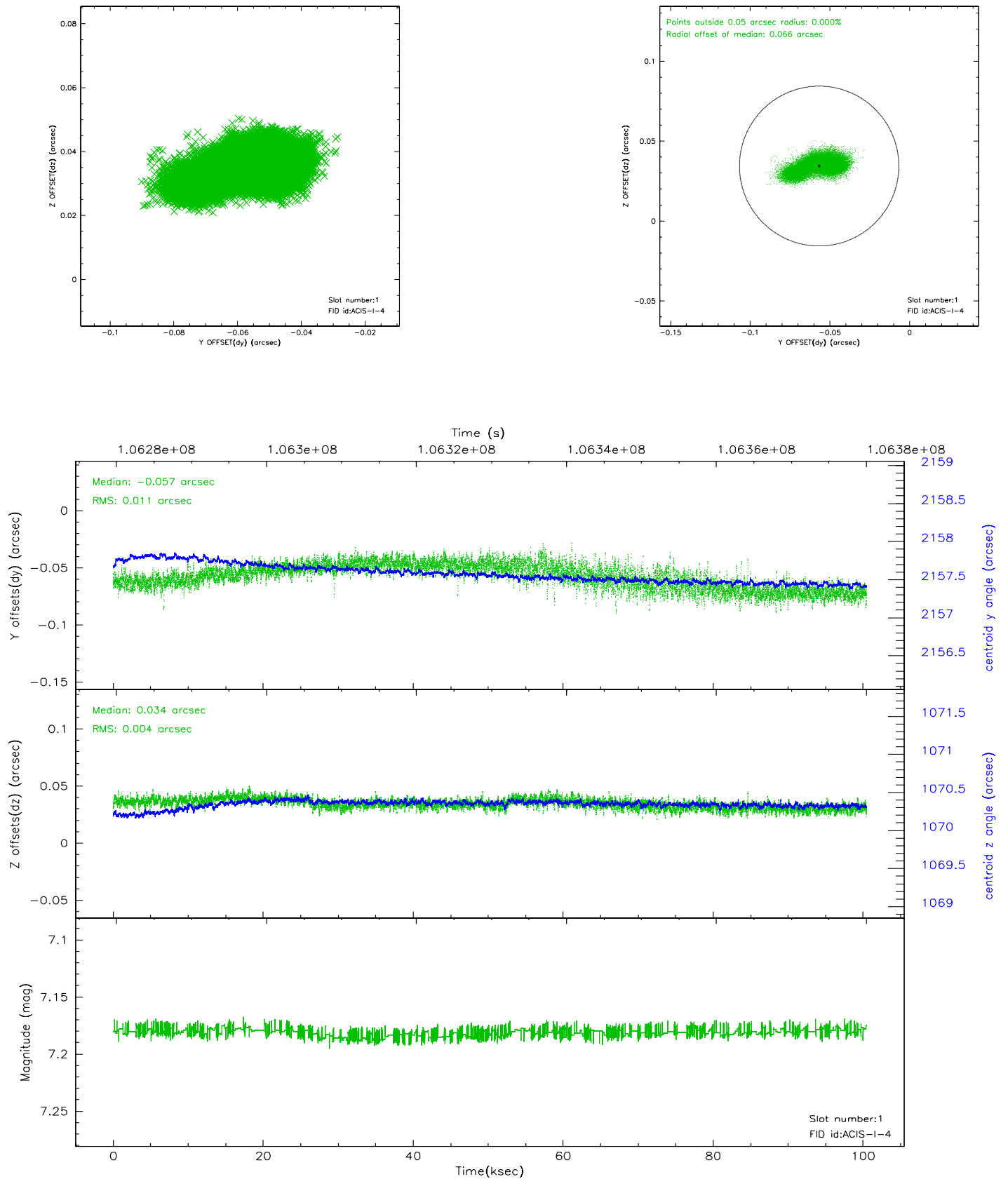


2.5 FID Slots

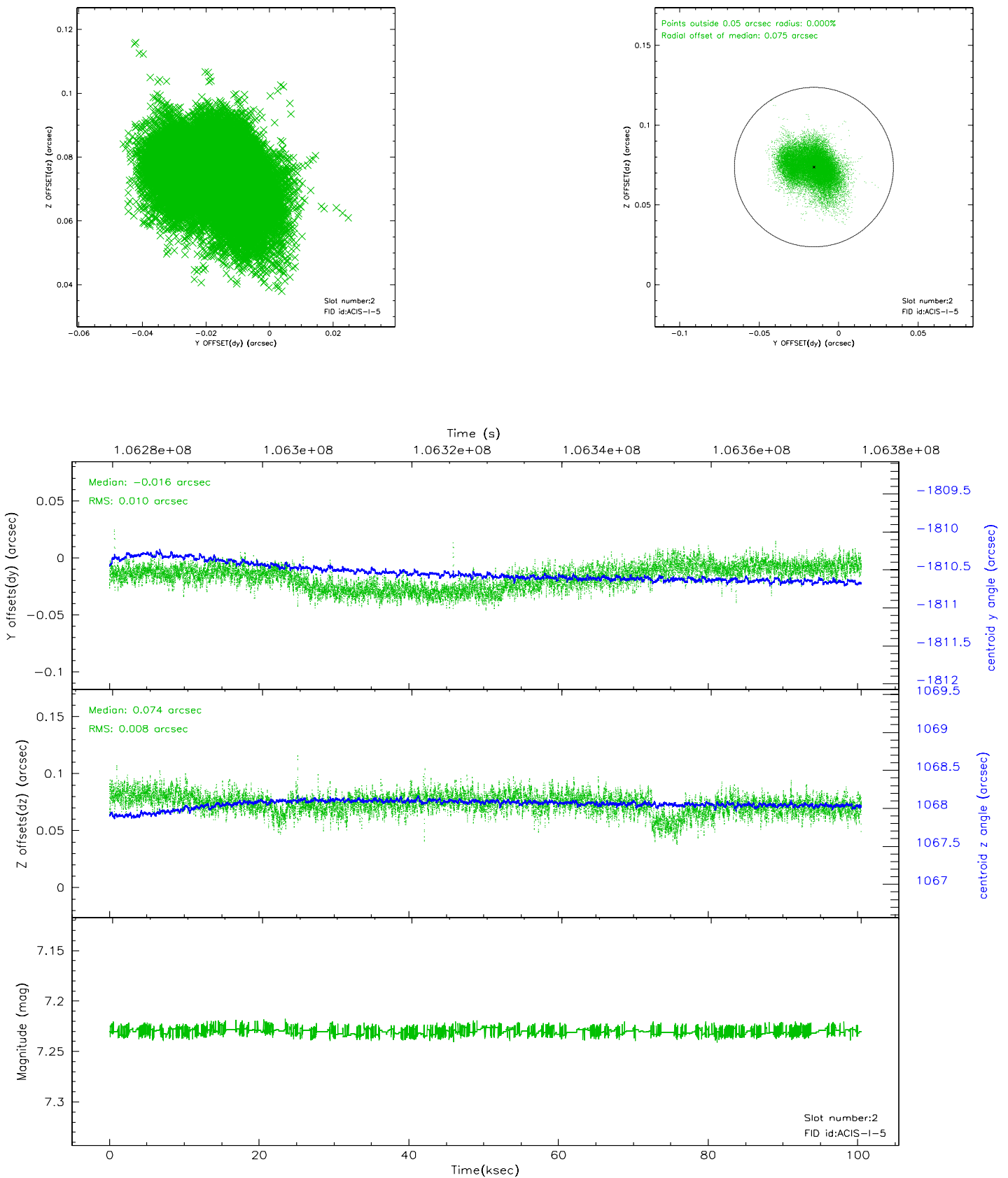
2.5.1 Slot 0



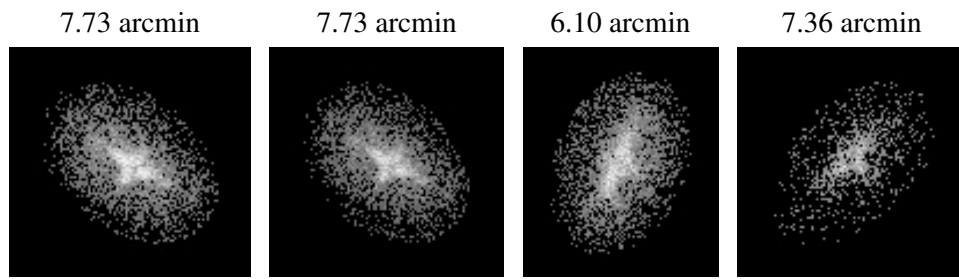
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	99.936

A.2 Comments