

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6052 - L2 Version 002
Chandra X-Ray Center

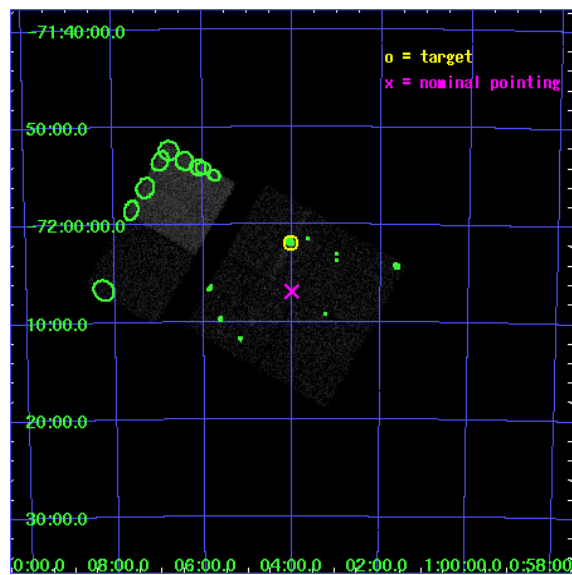
L2 Processing Date : Apr 8 2006

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1 Front

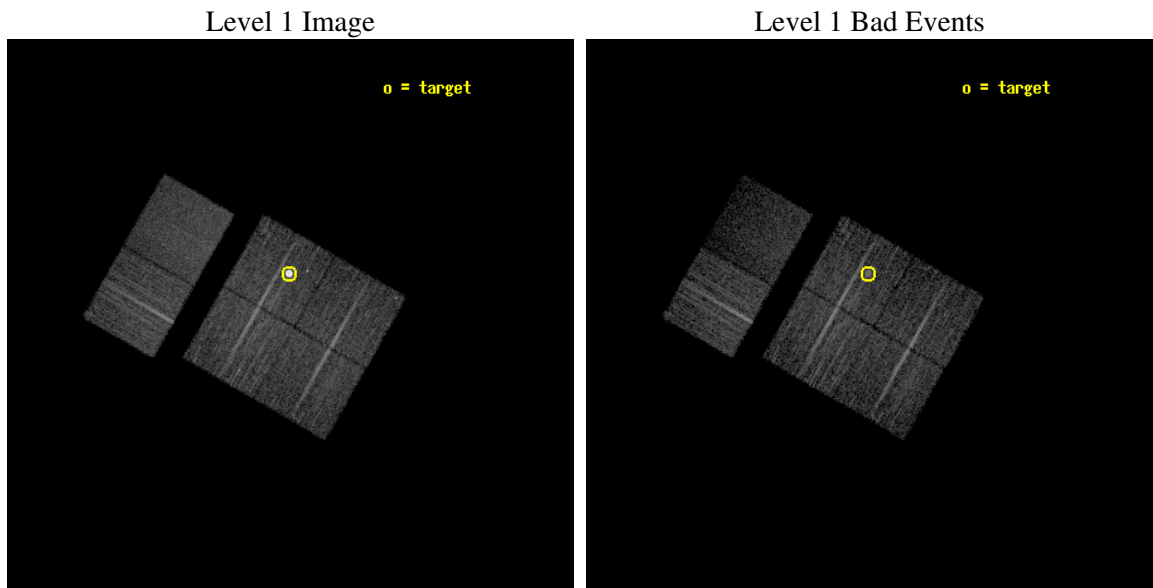
seq_num	590379
obs_id	6052
title	AO6A ACIS-I Calibration Observations of E0102-72
observer	Dr. CXC Calibration
object	E0102-72[I3,-120,-4.0,2.5,0]
dtcycle	0
cycle	P
ra_targ	16.01
dec_targ	-72.032028
ra_nom	16.000914306801
dec_nom	-72.115101435628
roll_nom	299.81981884294
revision	2
ontime	7641.5999715328
livetime	7544.8374314742
ontime0	7641.5999715328
ontime1	7641.5999715328
ontime2	7638.3589713573
ontime3	7641.5999715328
ontime6	7641.5999715328
ontime7	7641.5999715328
l2events	60587



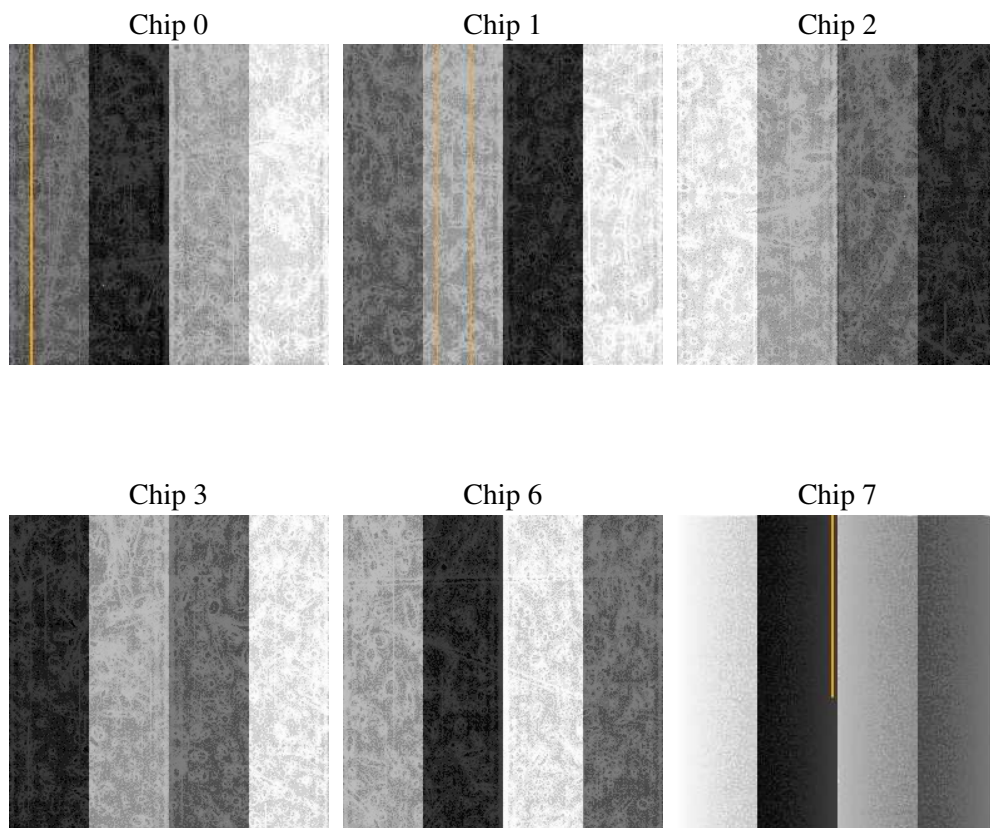
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-08T20:10:03
revision	2

sched_exp_time	7500.000000
ontime	9577.1651109457
ontime0	9577.1651109457
ontime1	9577.1651109457
ontime2	9573.9241306782
ontime3	9577.1651109457
ontime6	9577.1651109457
ontime7	9577.1651109457
l1events	355045

2.1.4 Events

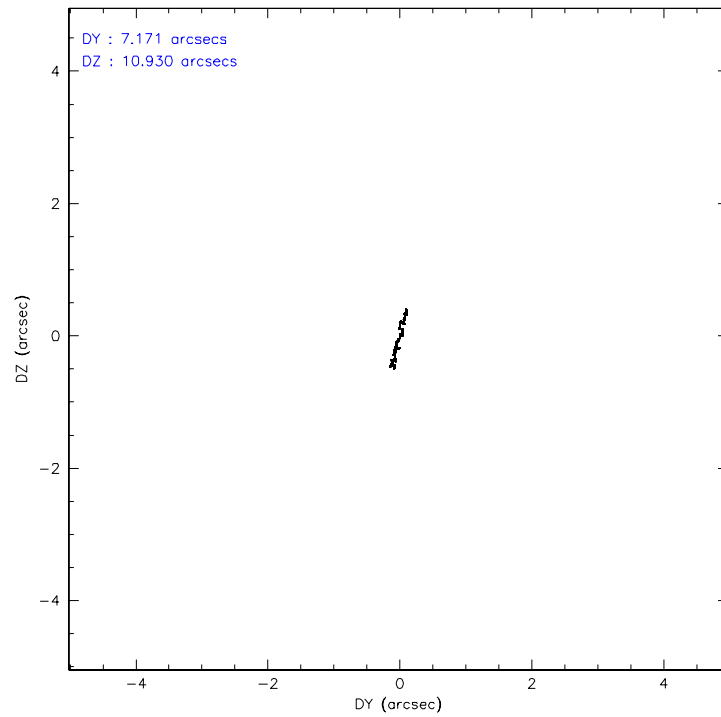
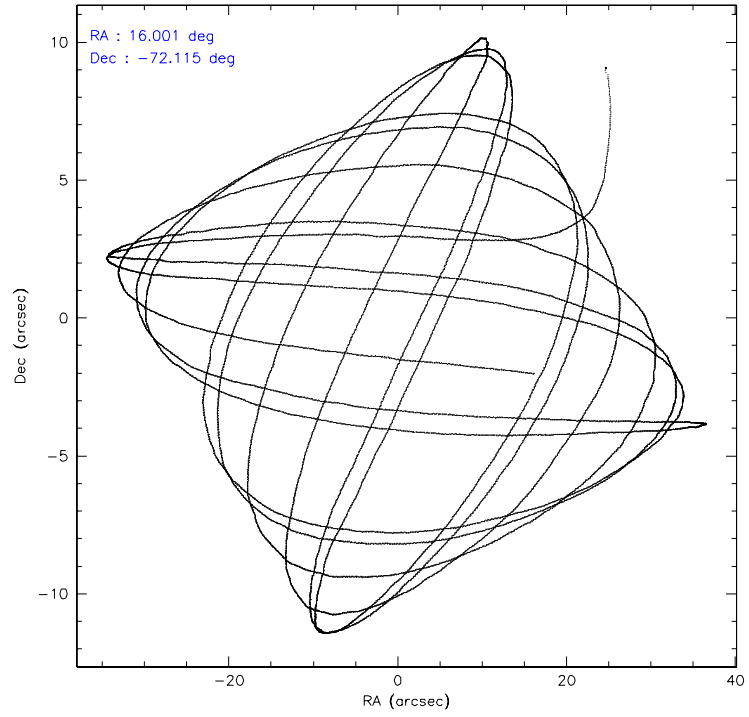
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	51582	50653	61414	79408	59232	52756
rejected events	46968	45651	56474	51395	54659	33333
rejected %	91%	90%	91%	64%	92%	63%

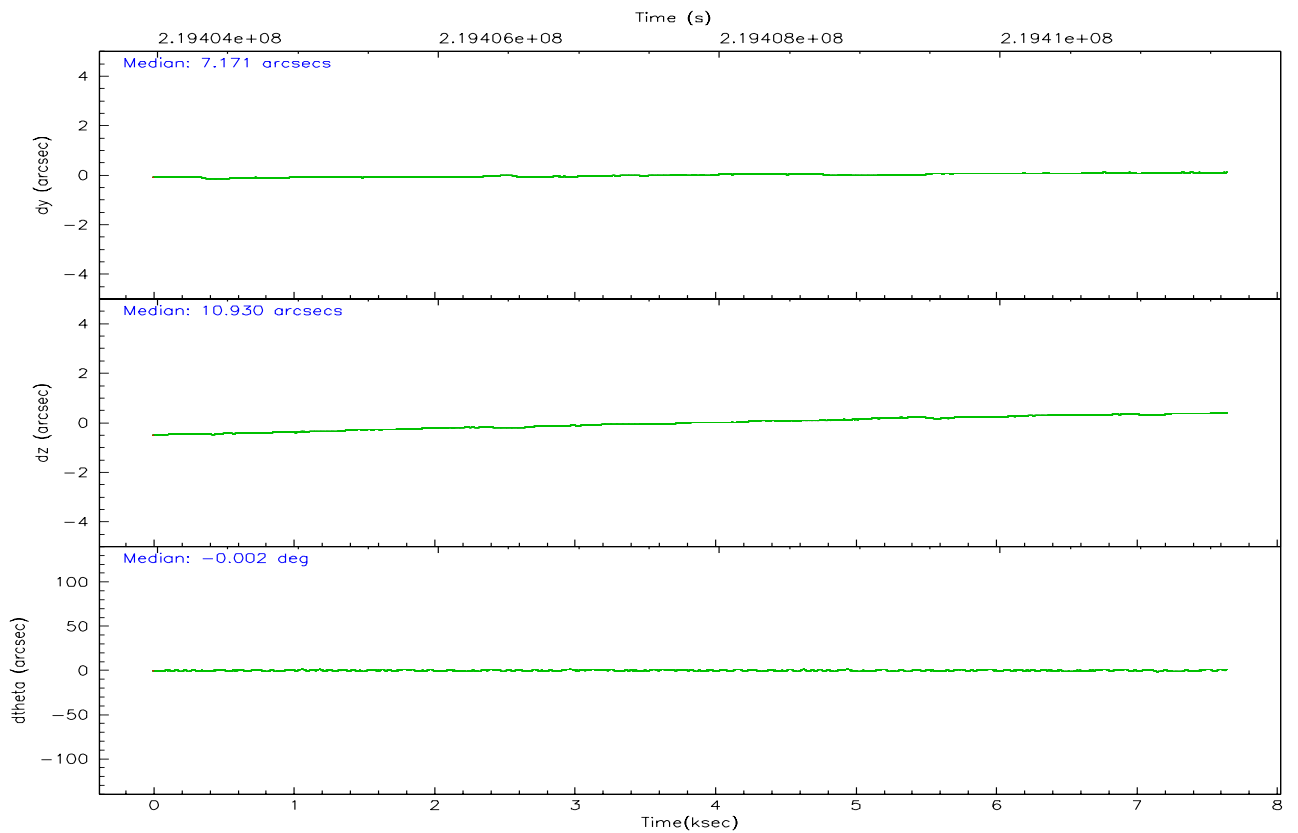
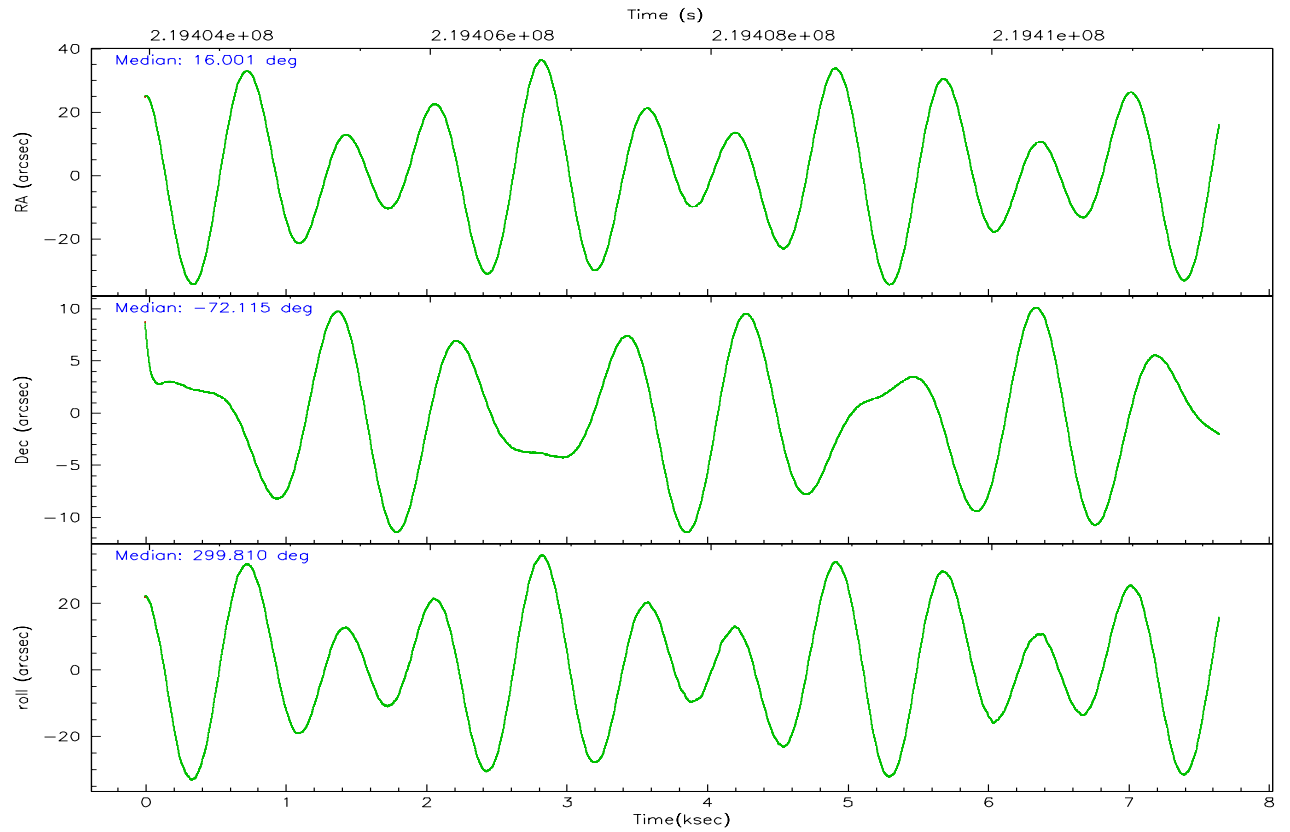
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	2305	2368	2729	23518	2027	1673
	4%	4%	4%	29%	3%	3%
grade 1 events	29	23	29	248	26	37
	0%	0%	0%	0%	0%	0%
grade 2 events	1290	1247	1273	2847	1232	6217
	2%	2%	2%	3%	2%	11%
grade 3 events	603	710	590	1003	628	1479
	1%	1%	0%	1%	1%	2%
grade 4 events	602	687	653	1024	591	1441
	1%	1%	1%	1%	0%	2%
grade 5 events	1573	1786	1540	1988	1858	4273
	3%	3%	2%	2%	3%	8%
grade 6 events	958	1112	872	1159	1177	13466
	1%	2%	1%	1%	1%	25%
grade 7 events	44222	42720	53728	47621	51693	24170
	85%	84%	87%	59%	87%	45%

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	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	15.923953	16.00091430680143	Alternating exposures requested	N	N
Pointing Dec	-72.101472	-72.11510143562757	Primary exposure time	0.000000	3.2
Pointing Roll	299.537900	299.8198188429441			
Window start time	215654464.184000	215654464.184000			
Window stop time	220838464.184000	220838464.184000			
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	219404110.184000	219402034.40591			
Observation start date	2004-12-14T09:34:06	2004-12-14T09:00:34			
Observation end time	219411610.184000	219412375.63138			
Observation end date	2004-12-14T11:39:06	2004-12-14T11:52:55			
Read mode	TIMED	TIMED			

2.3 Aspect



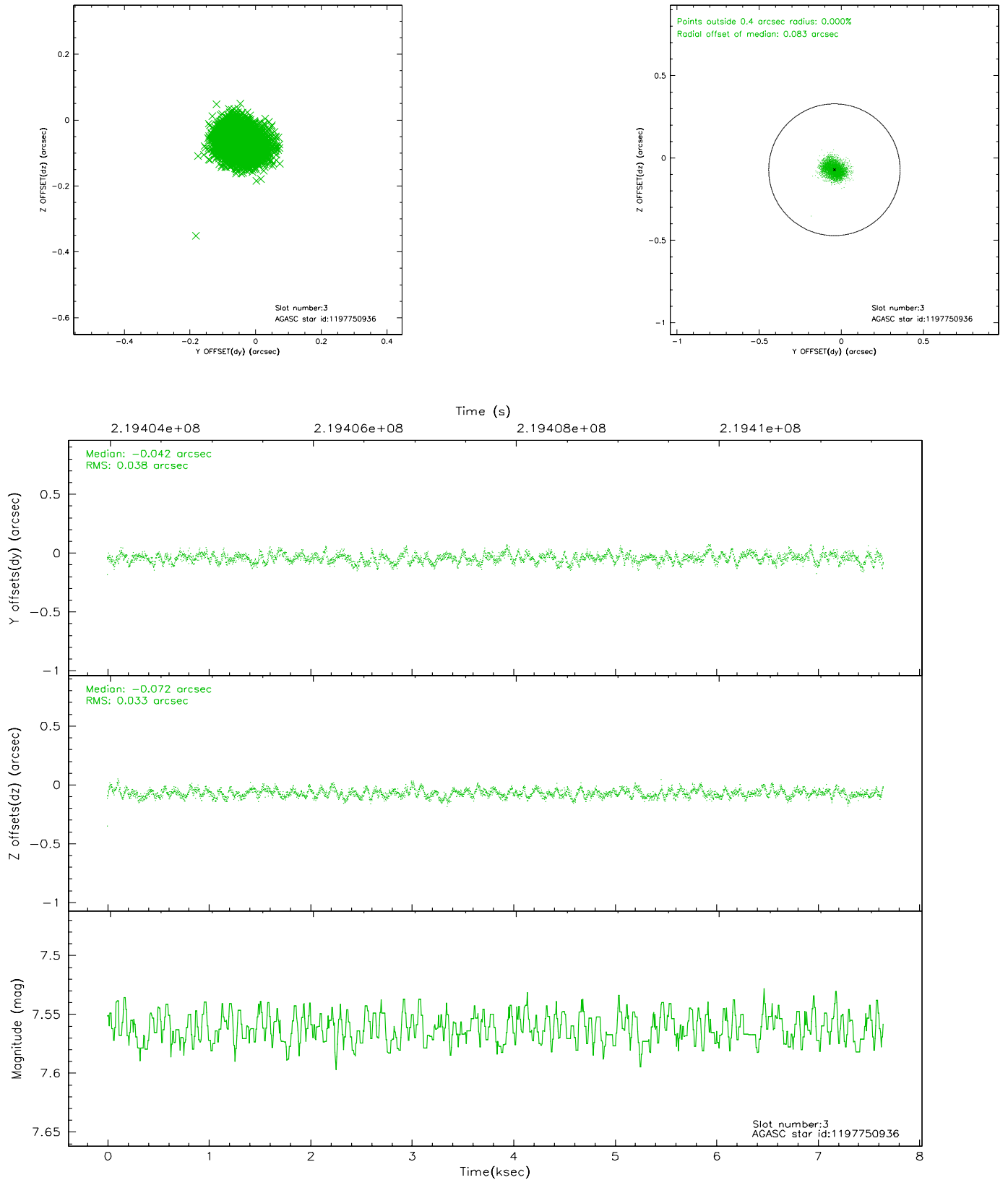


Slot Statistics

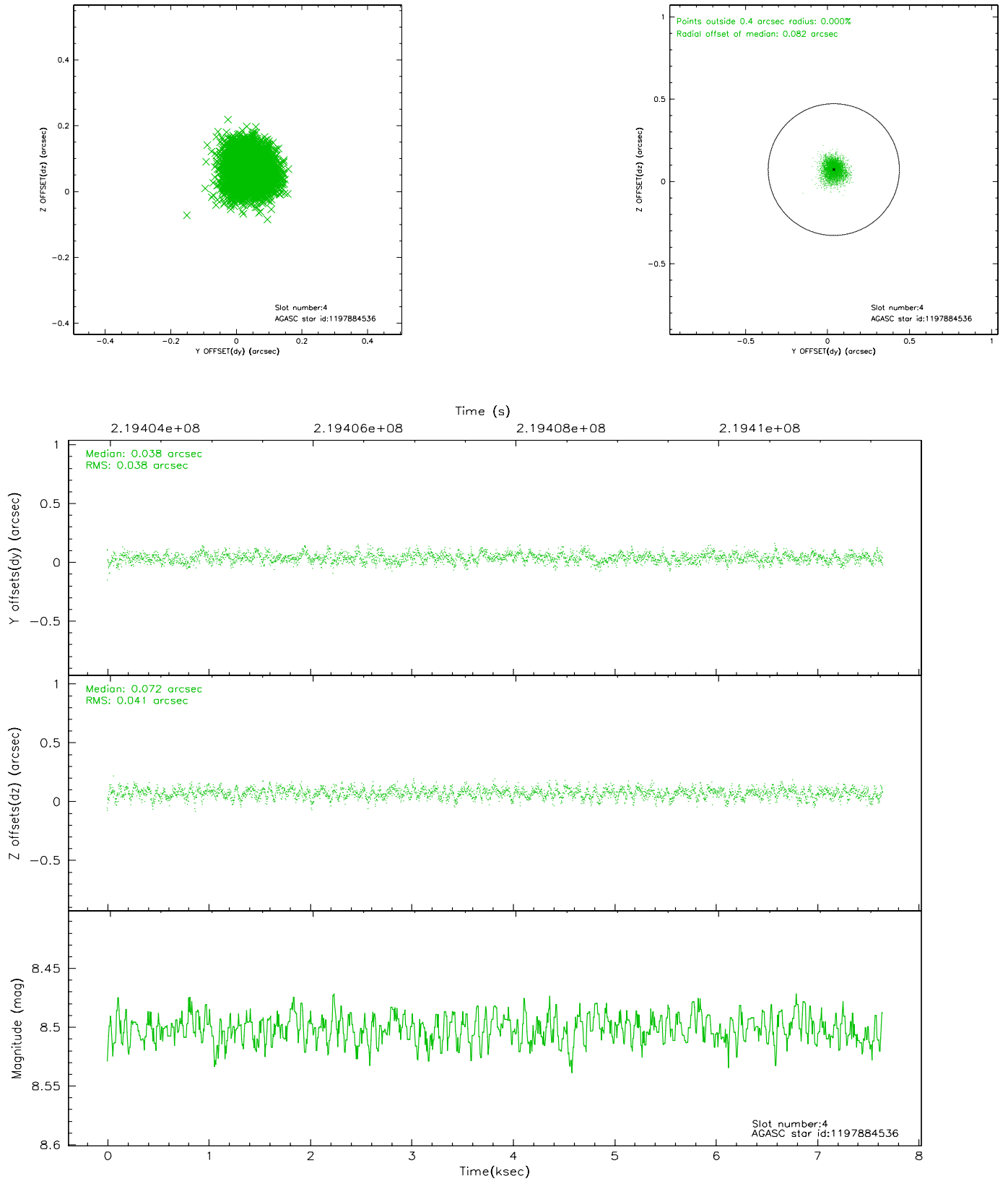
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.14	1866	-0.064	-0.075	0.012	0.018	0.000000	0.000000	-761.73	-840.85
1	FID	ACIS-I-4	7.18	1866	0.108	0.062	0.008	0.013	0.000000	0.000000	2152.17	1065.09
2	FID	ACIS-I-5	7.22	1866	-0.145	0.082	0.009	0.015	0.000000	0.000000	-1814.68	1063.80
3	GUIDE	1197750936	7.56	3732	-0.042	-0.072	0.055	0.085	15.387940	-71.549550	-2026.81	446.76
4	GUIDE	1197884536	8.50	3731	0.038	0.072	0.060	0.097	17.160729	-71.835289	-137.35	1673.43
5	GUIDE	1197884712	8.30	3732	0.102	0.071	0.054	0.084	16.087398	-72.252690	562.88	-111.53
6	GUIDE	1197885328	7.24	3732	-0.021	-0.036	0.055	0.088	16.283090	-71.733943	-949.81	1004.93
7	GUIDE	1198189696	7.36	3731	-0.076	-0.035	0.059	0.094	15.223750	-72.697522	1501.65	-1711.47

2.4 Star Slots

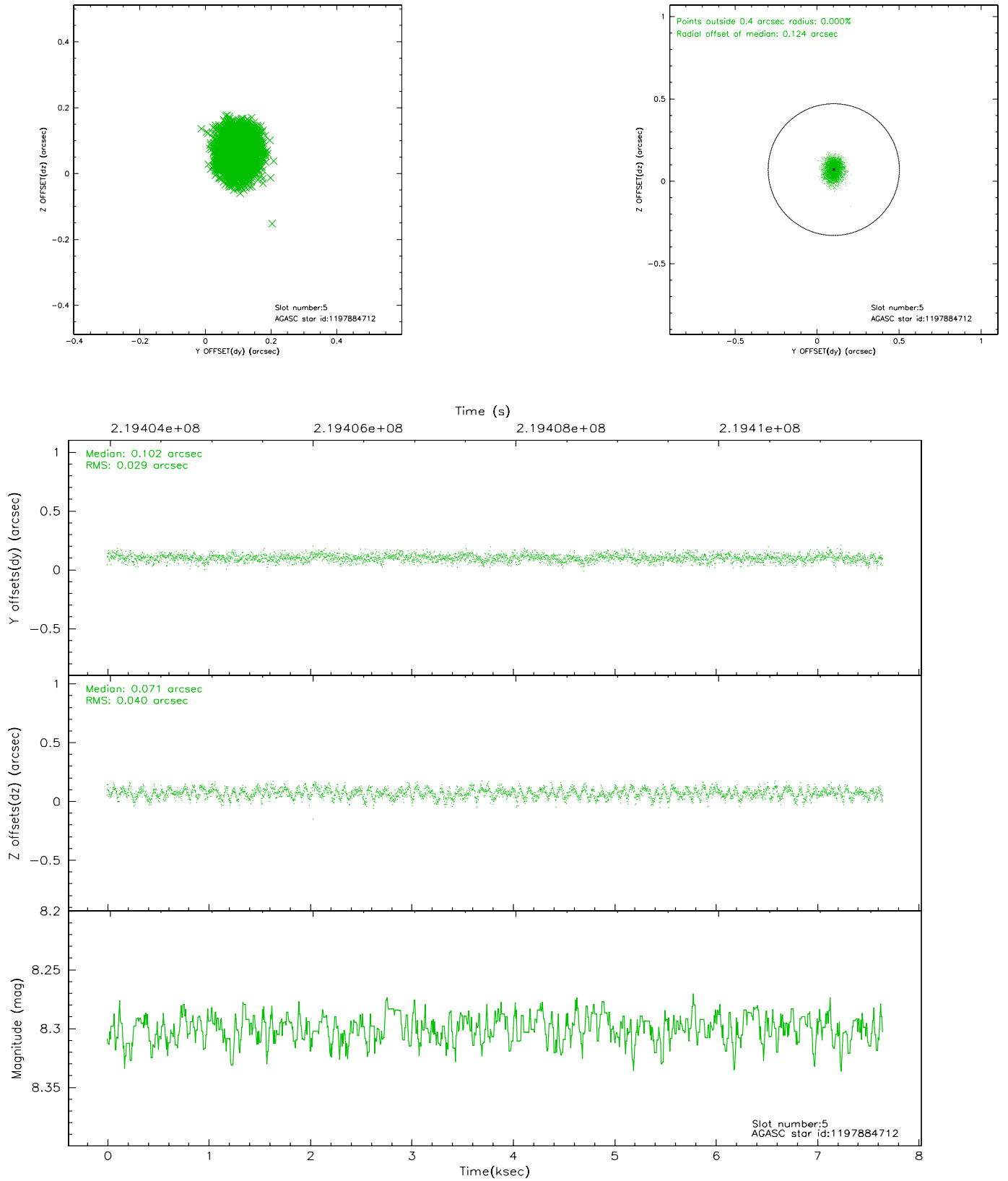
2.4.1 Slot 3



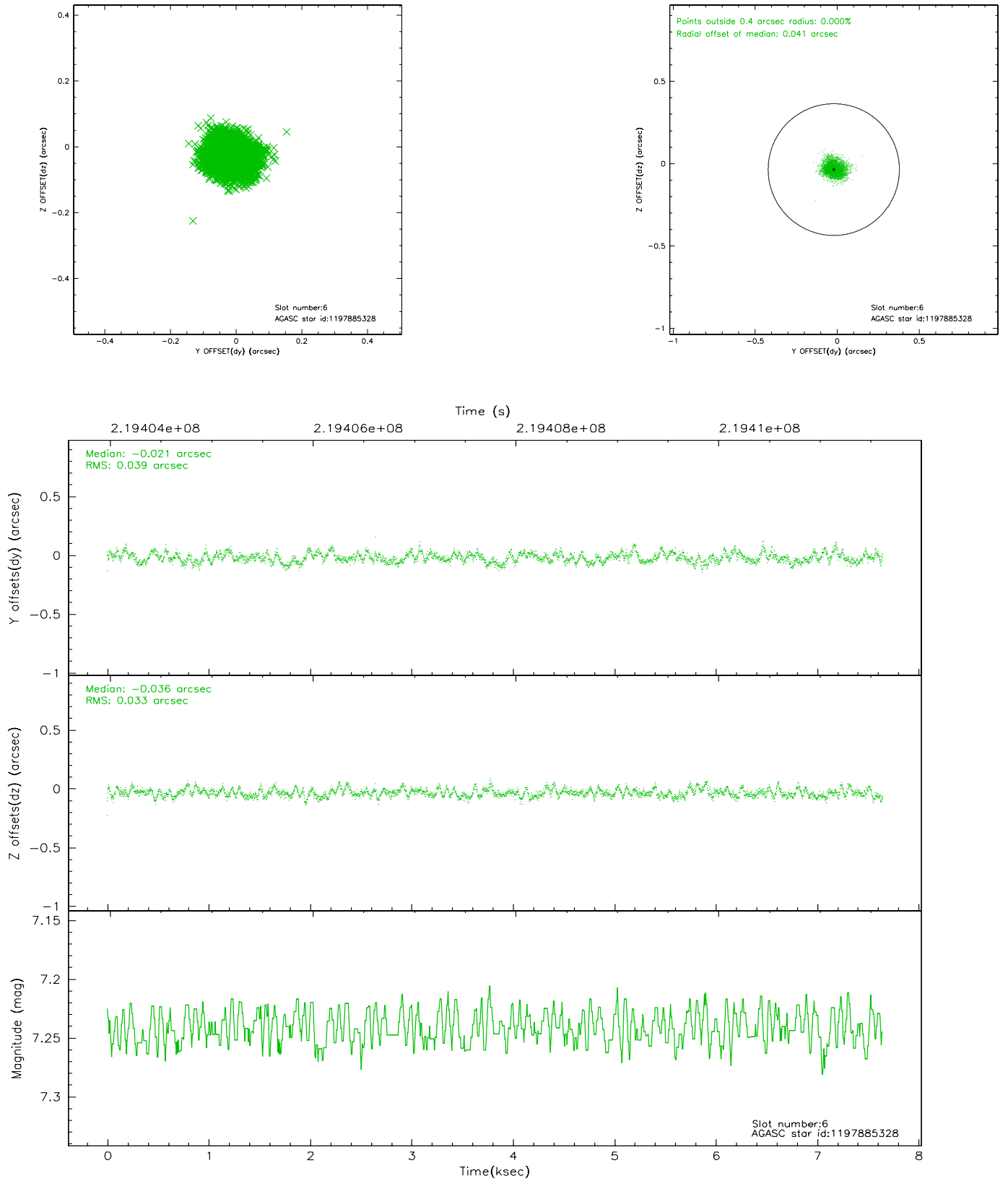
2.4.2 Slot 4



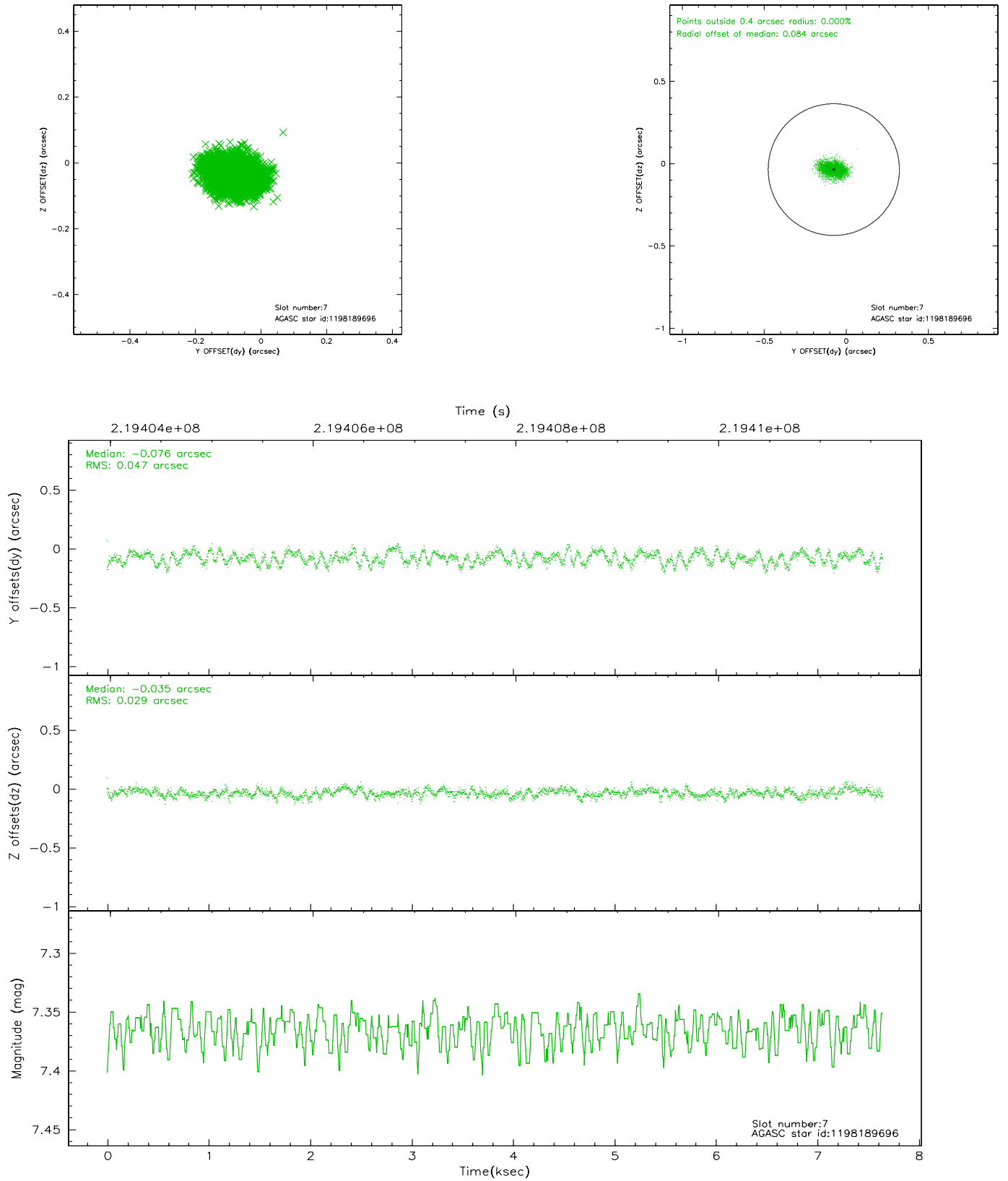
2.4.3 Slot 5



2.4.4 Slot 6

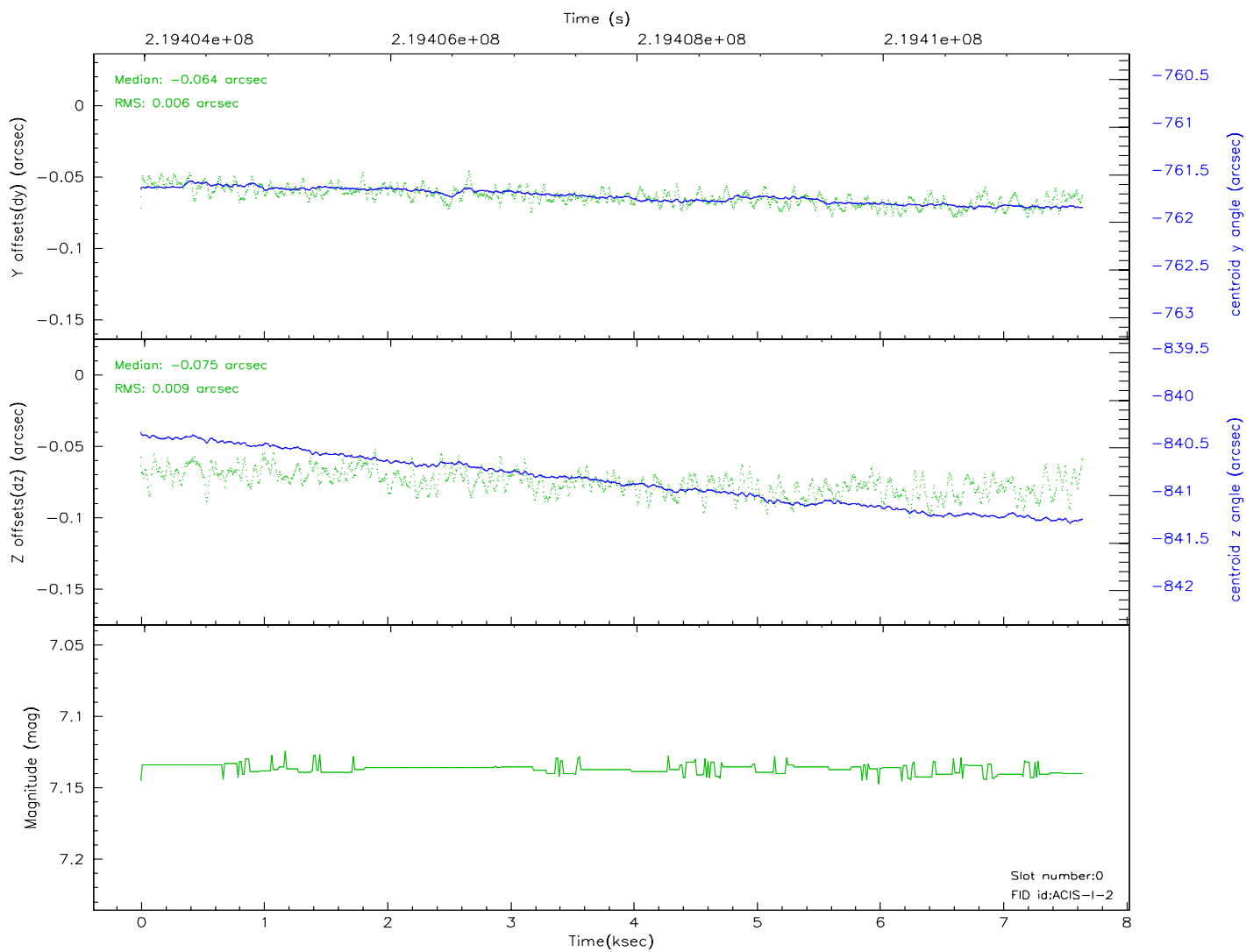
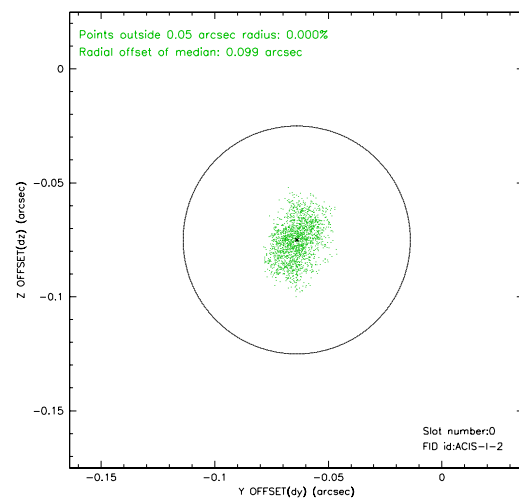
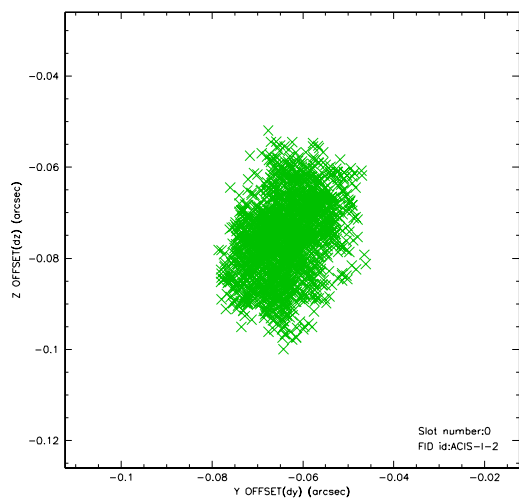


2.4.5 Slot 7

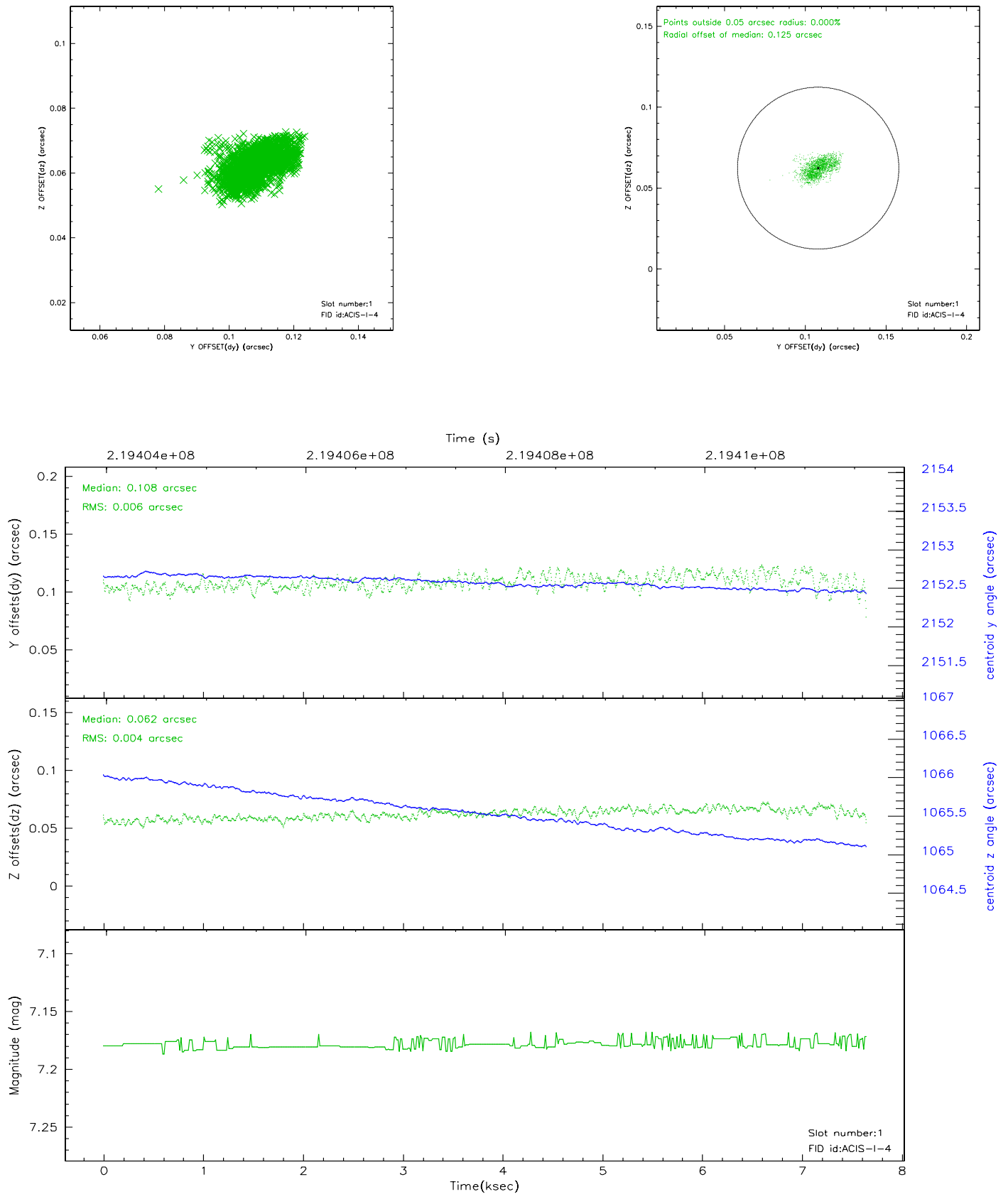


2.5 FID Slots

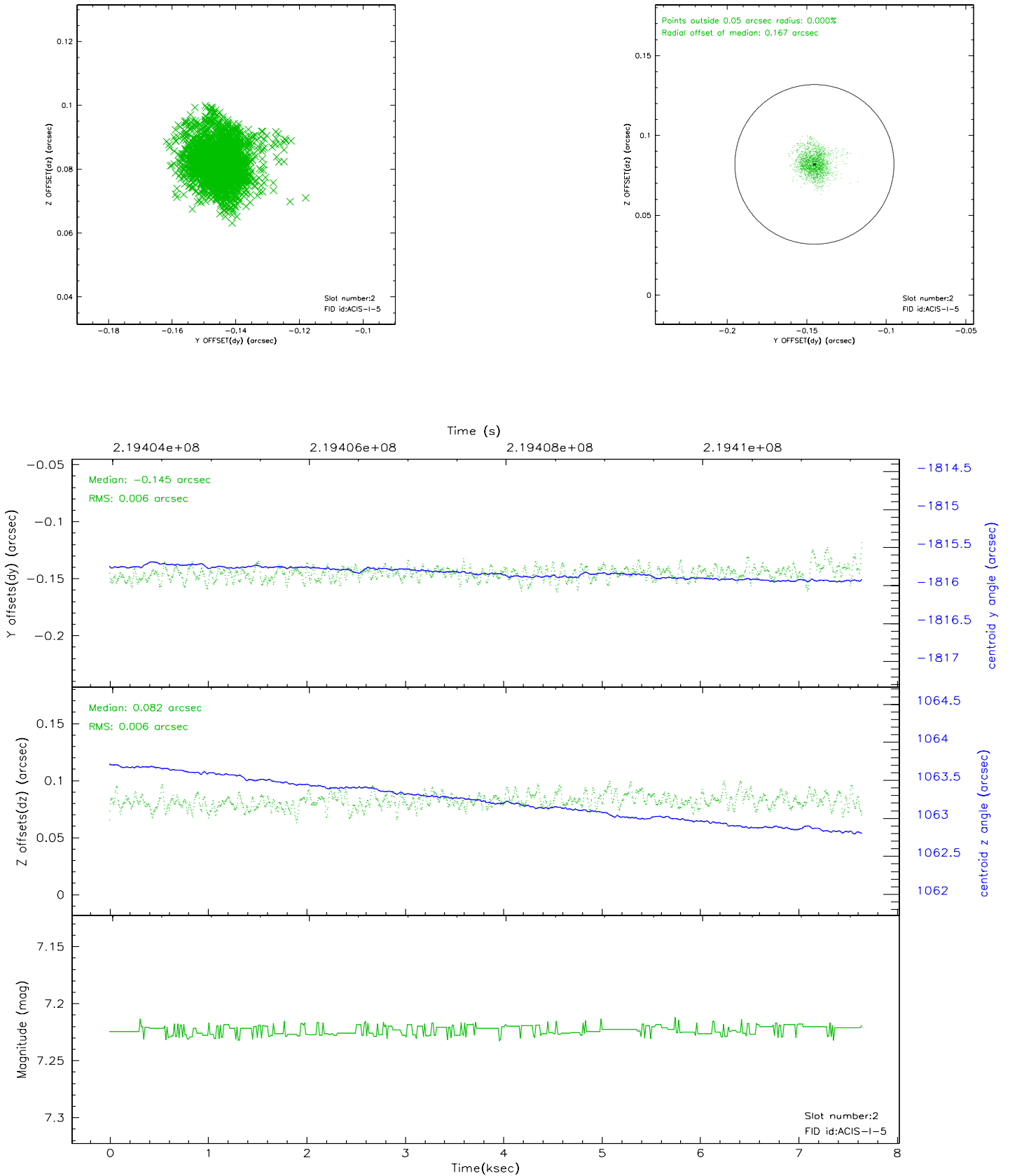
2.5.1 Slot 0



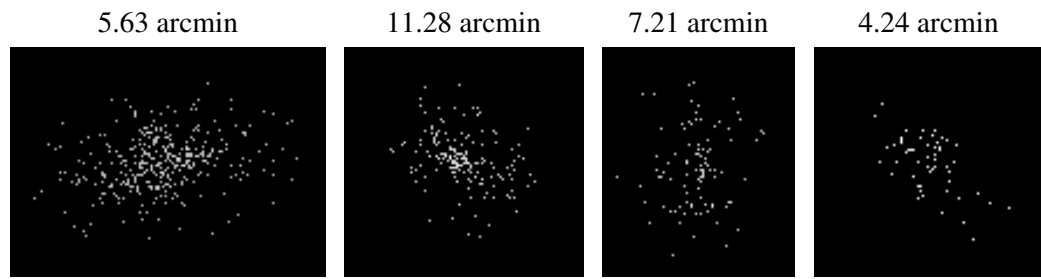
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.04.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.641599

A.2 Comments

Window constraint satisfied.