

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2097 - L2 Version 001
Chandra X-Ray Center

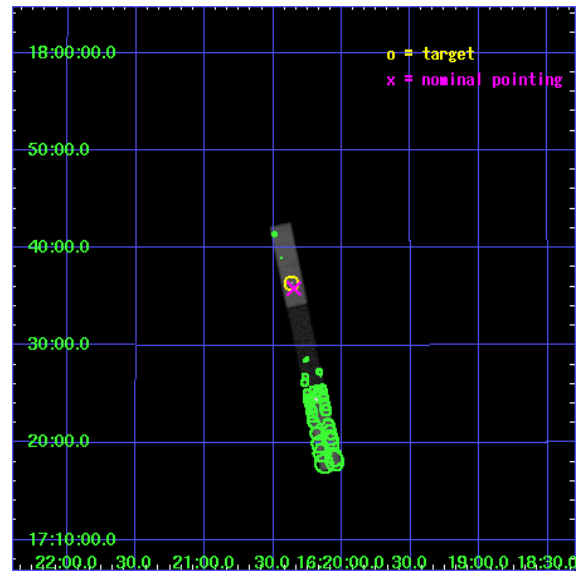
L2 Processing Date : Dec 21 2006

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1 Front

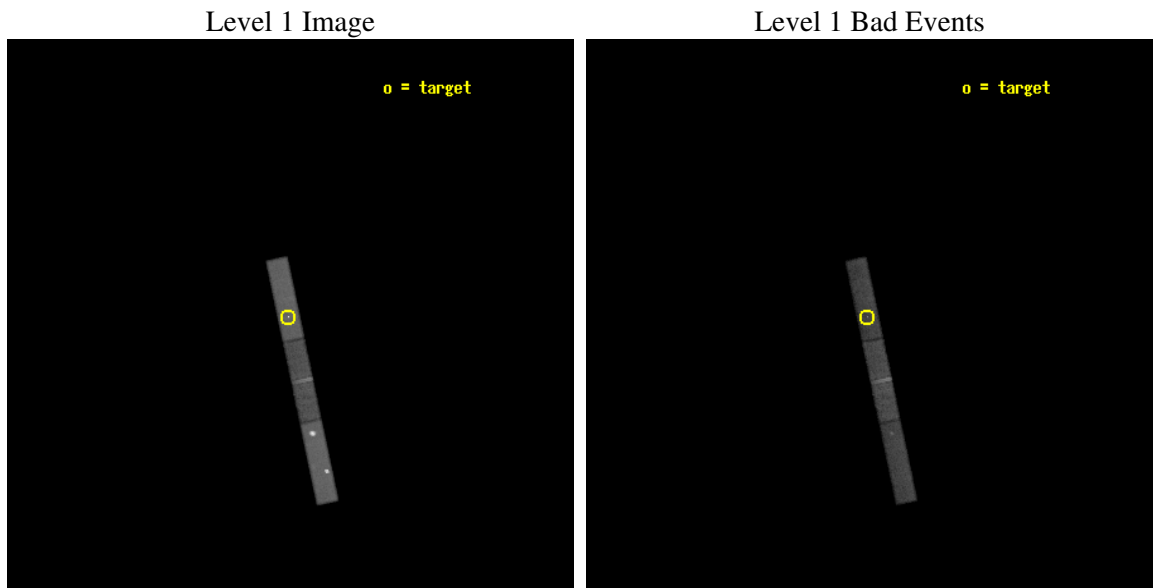
seq_num	700287
obs_id	2097
title	X-RAY STRUCTURES IN AND AROUND POWERFUL RADIO SOURCES
observer	Prof Diana Worrall
object	3C 334
dtcycle	0
cycle	P
ra_targ	245.09125
dec_targ	17.606417
ra_nom	245.08737781673
dec_nom	17.597394347337
roll_nom	257.98811008268
revision	3
ontime	33948.900224835
livetime	32468.343749842
ontime5	33948.900224835
ontime6	33948.900224835
ontime7	33948.900224835
l2events	196011



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 5

Chip 6

Chip 7



2.1.3 Parameters

obi_num	2
ascdsver	7.6.9
caldbver	3.2.4
date	2006-12-21T18:13:03
revision	3

sched_exp_time	33755.815000
ontime	34469.837470174
ontime5	34469.837470174
ontime6	34469.837470174
ontime7	34469.837470174
l1events	384818

2.1.4 Events

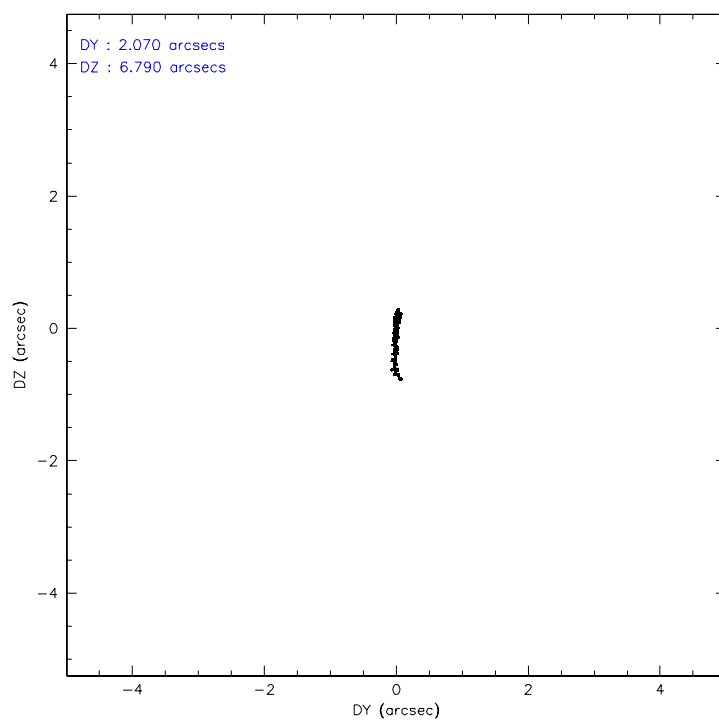
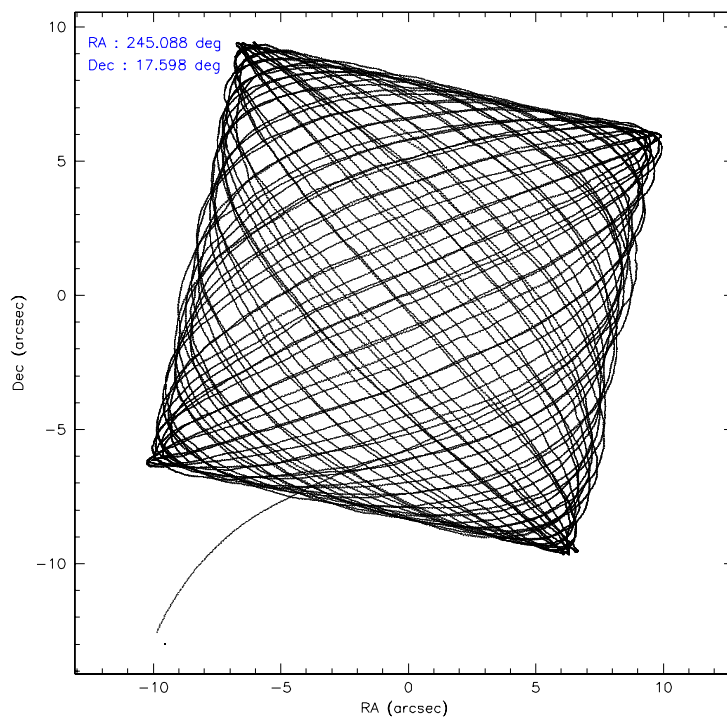
	ccd 5	ccd 6	ccd 7
level 1 events	169925	81470	133423
rejected events	52850	66898	49881
rejected %	31%	82%	37%

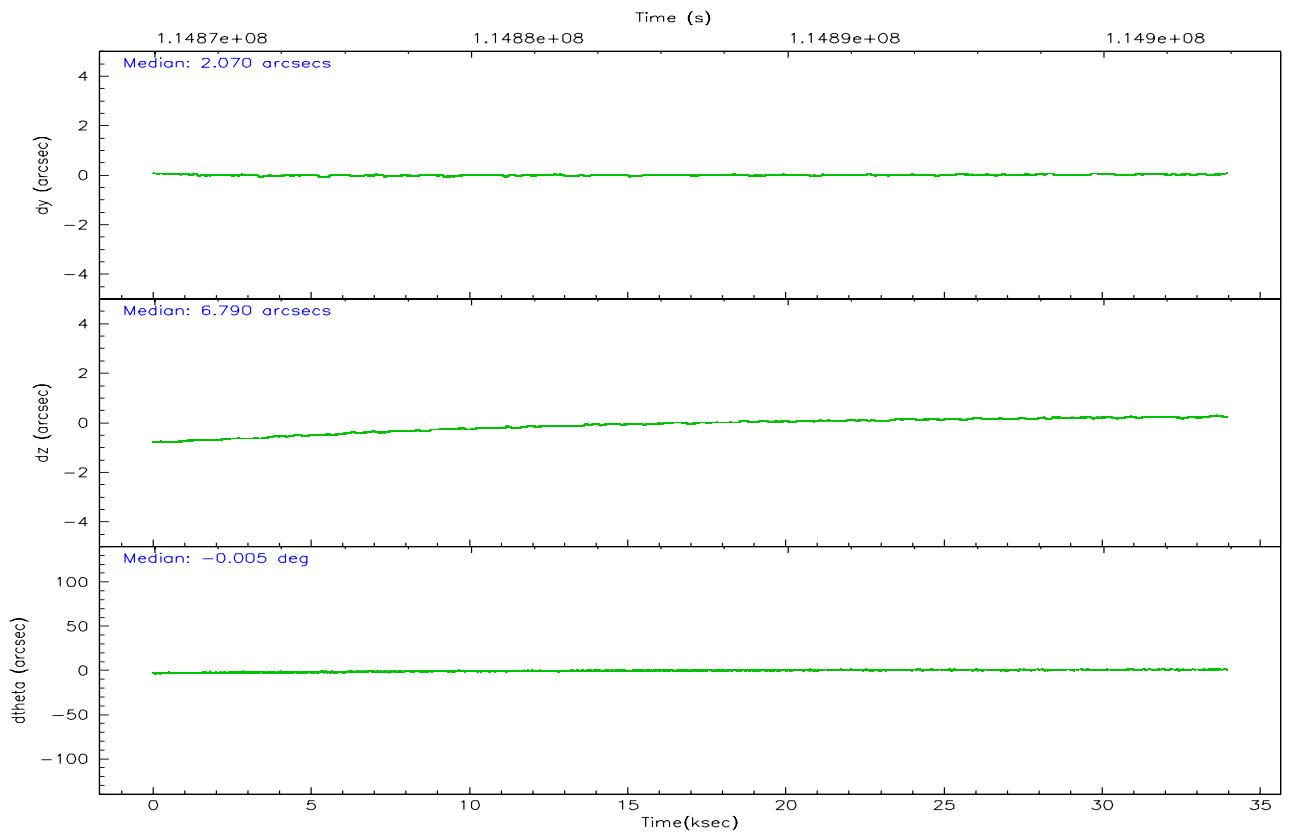
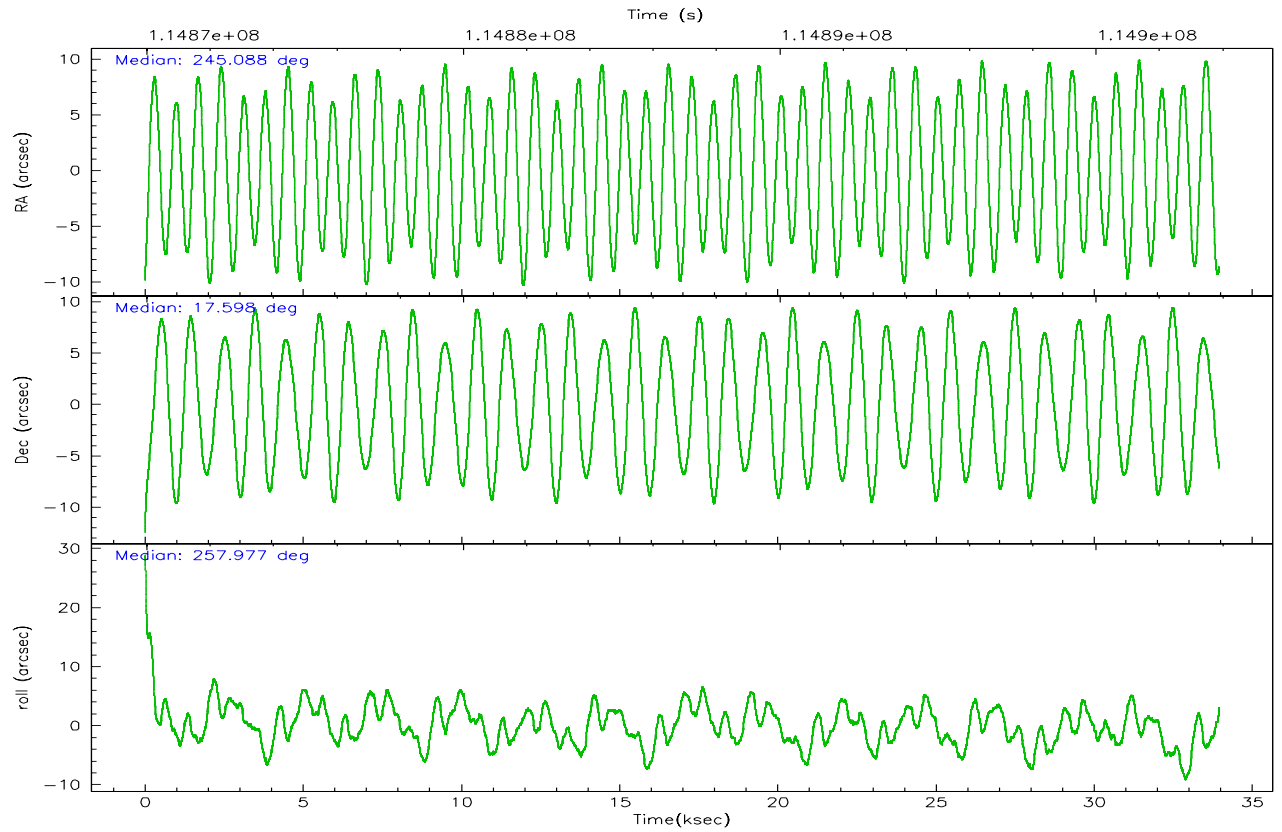
	ccd 5	ccd 6	ccd 7
grade 0 events	33422	8425	10321
	19%	10%	7%
grade 1 events	86	23	95
	0%	0%	0%
grade 2 events	33433	2238	18991
	19%	2%	14%
grade 3 events	5228	1406	6308
	3%	1%	4%
grade 4 events	5059	1304	6134
	2%	1%	4%
grade 5 events	4877	2349	5834
	2%	2%	4%
grade 6 events	41400	1559	42891
	24%	1%	32%
grade 7 events	46420	64166	42849
	27%	78%	32%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-567	ACIS-567	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	245.078239	245.0873778167325	Subarray requested	1/4	1/4
Pointing Dec	17.623244	17.59739434733675	Subarray start row	0	385
Pointing Roll	257.834244	257.988110082679	Subarray row count	1024	256
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	0.9
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	114870129.184000	114869161.32225			
Observation start date	2001-08-22T12:21:05	2001-08-22T12:06:01			
Observation end time	114903885.184000	114904199.92363			
Observation end date	2001-08-22T21:43:41	2001-08-22T21:49:59			
Read mode	TIMED	TIMED			

2.3 Aspect



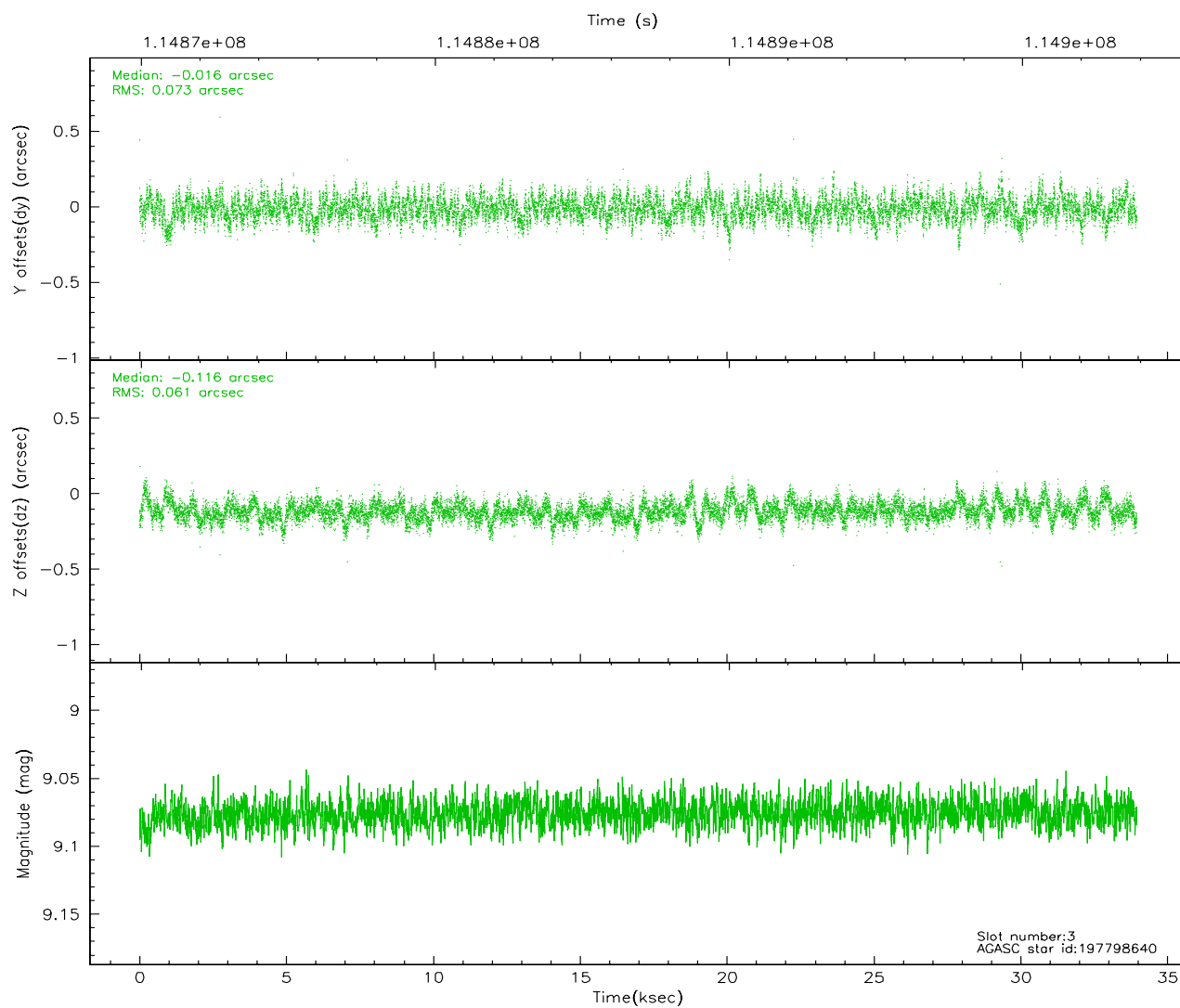
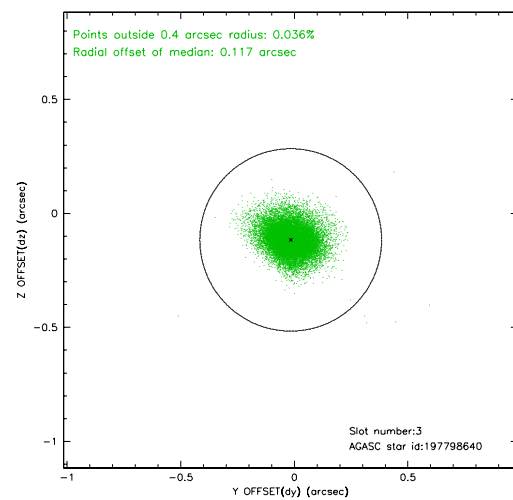
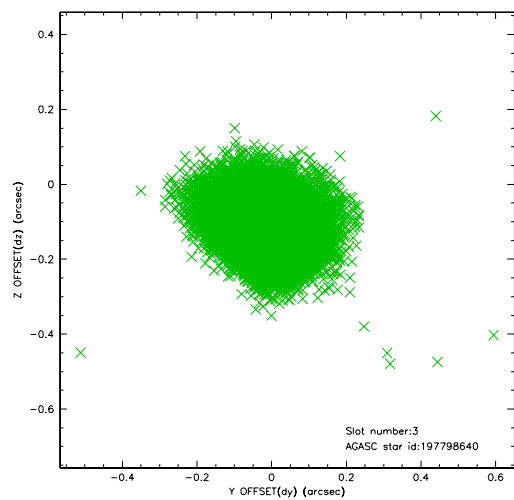


Slot Statistics

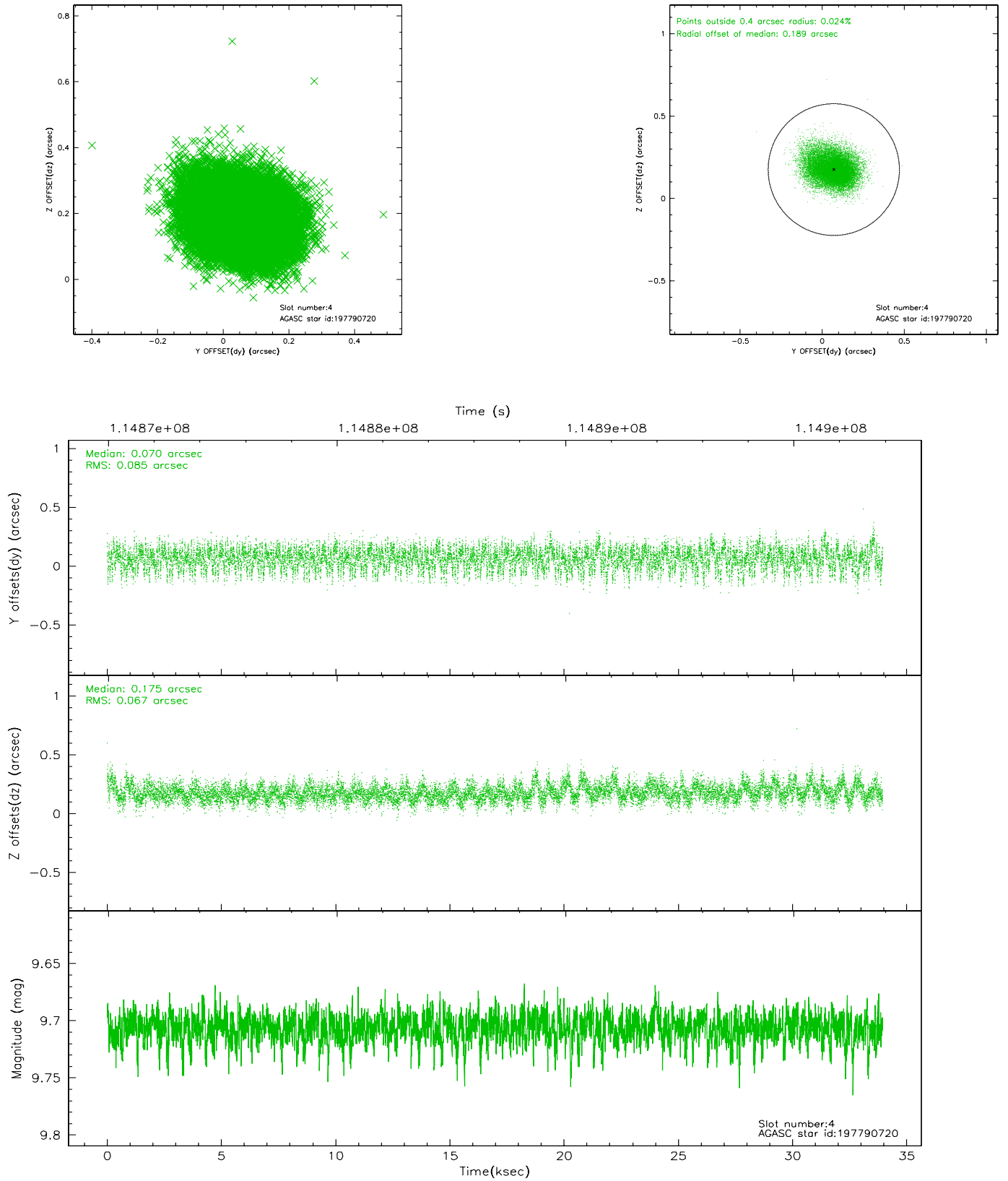
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	8281	-0.018	0.023	0.010	0.015	0.000000	0.000000	-754.69	-1727.83
1	FID	ACIS-S-4	7.20	8281	-0.080	0.003	0.007	0.014	0.000000	0.000000	2158.49	180.61
2	FID	ACIS-S-5	7.24	8280	0.067	-0.017	0.008	0.013	0.000000	0.000000	-1807.41	174.28
3	GUIDE	197798640	9.08	16557	-0.016	-0.116	0.100	0.167	244.352623	17.195883	2026.63	-2116.19
4	GUIDE	197790720	9.71	16523	0.070	0.175	0.115	0.189	245.545030	17.175331	1236.77	1908.91
5	GUIDE	197791872	10.59	16543	0.026	-0.067	0.162	0.282	244.785240	17.461396	782.07	-860.98
6	GUIDE	197789880	10.21	16536	0.029	-0.049	0.241	0.563	244.695583	17.328201	1315.43	-1062.03
7	GUIDE	197790448	8.50	16557	-0.114	0.091	0.118	0.191	245.720580	17.403267	305.92	2322.91

2.4 Star Slots

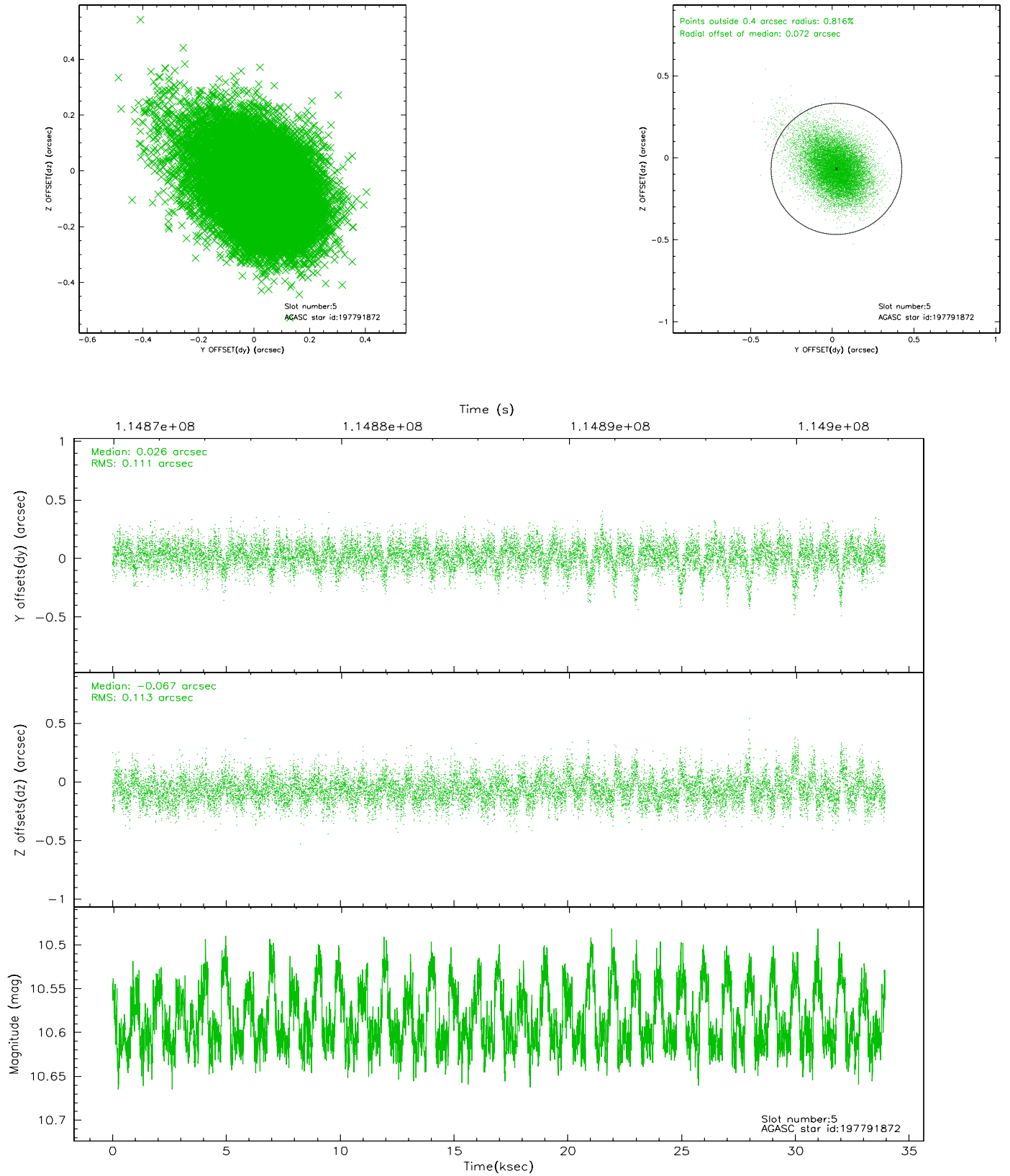
2.4.1 Slot 3



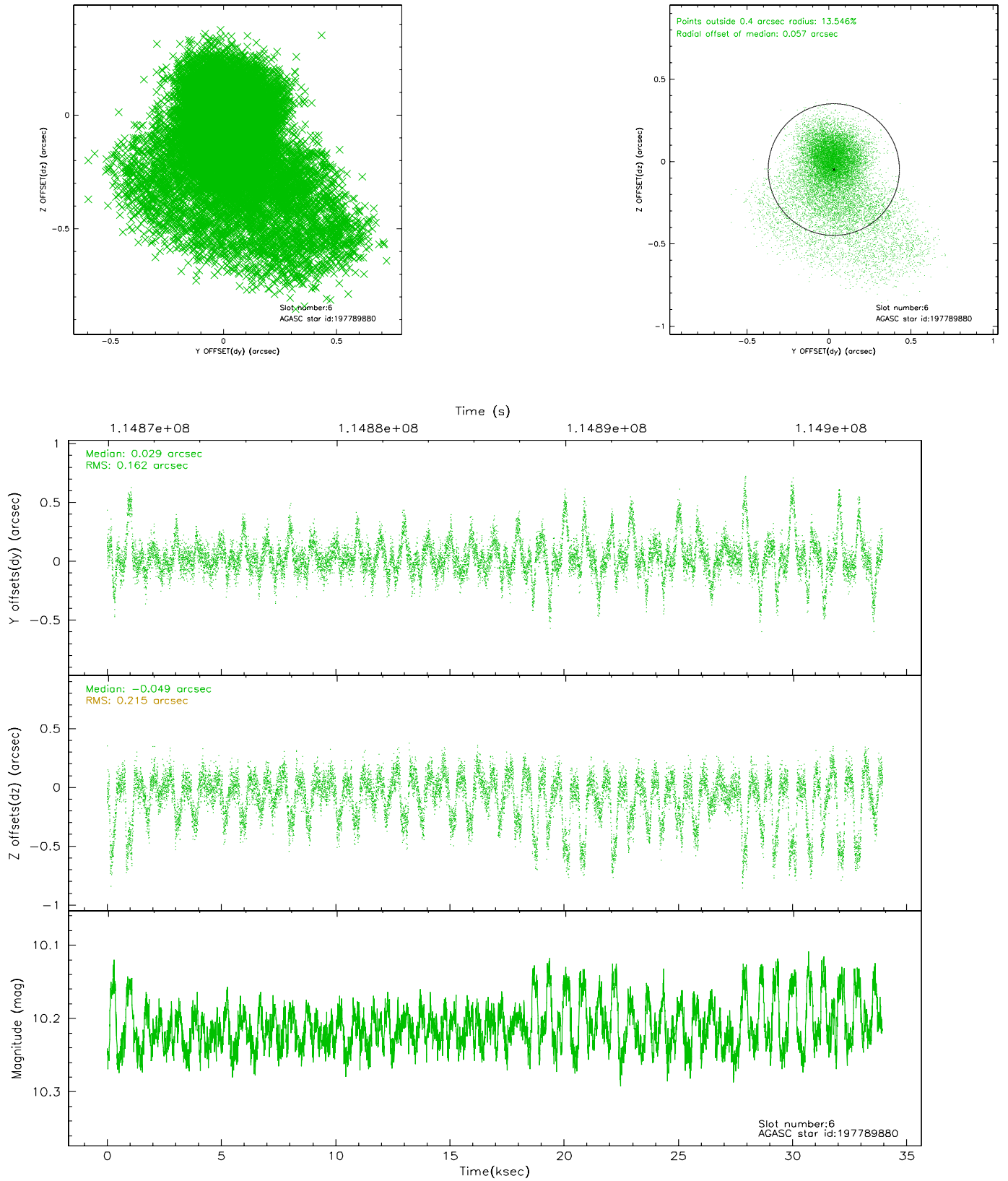
2.4.2 Slot 4



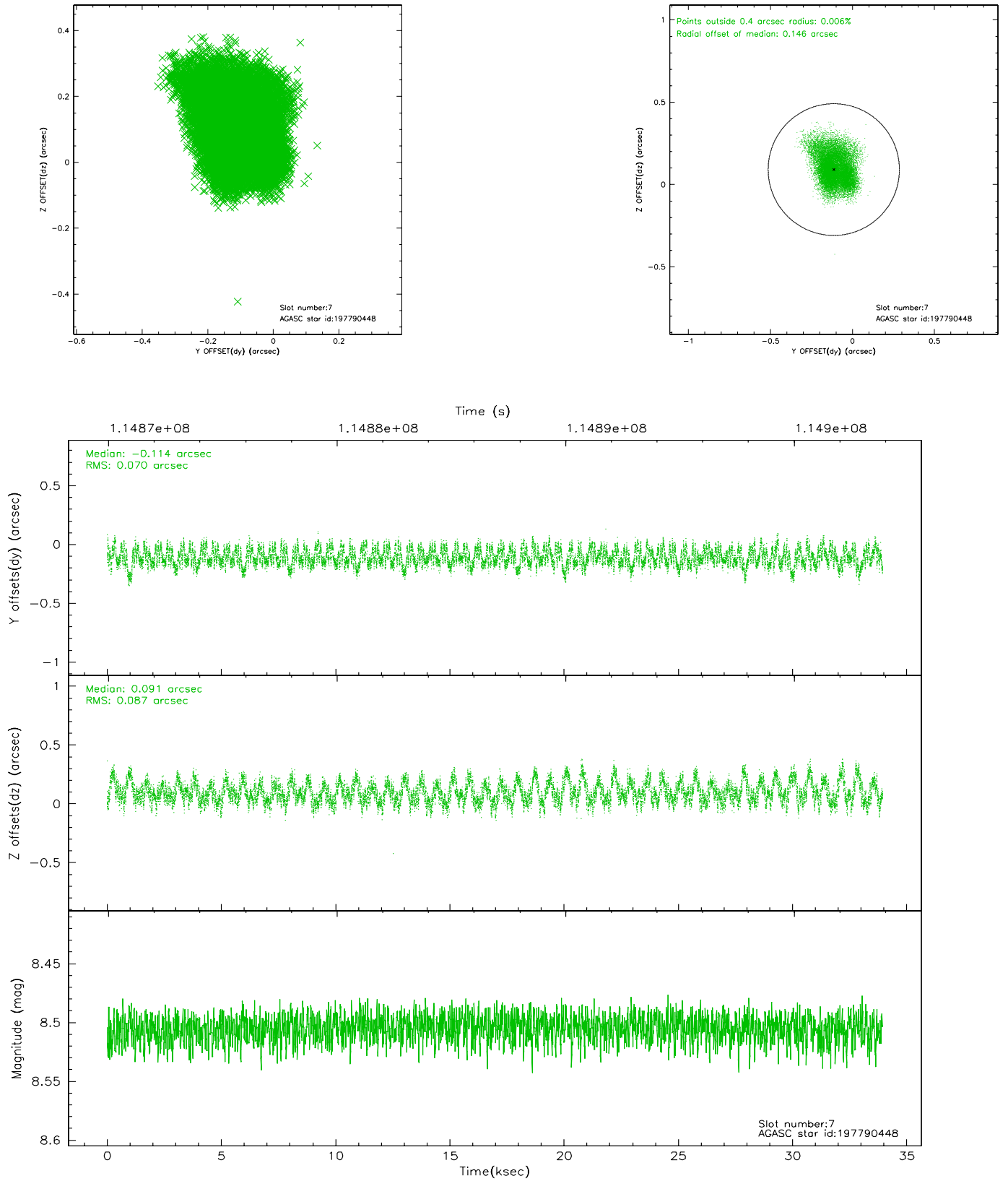
2.4.3 Slot 5



2.4.4 Slot 6

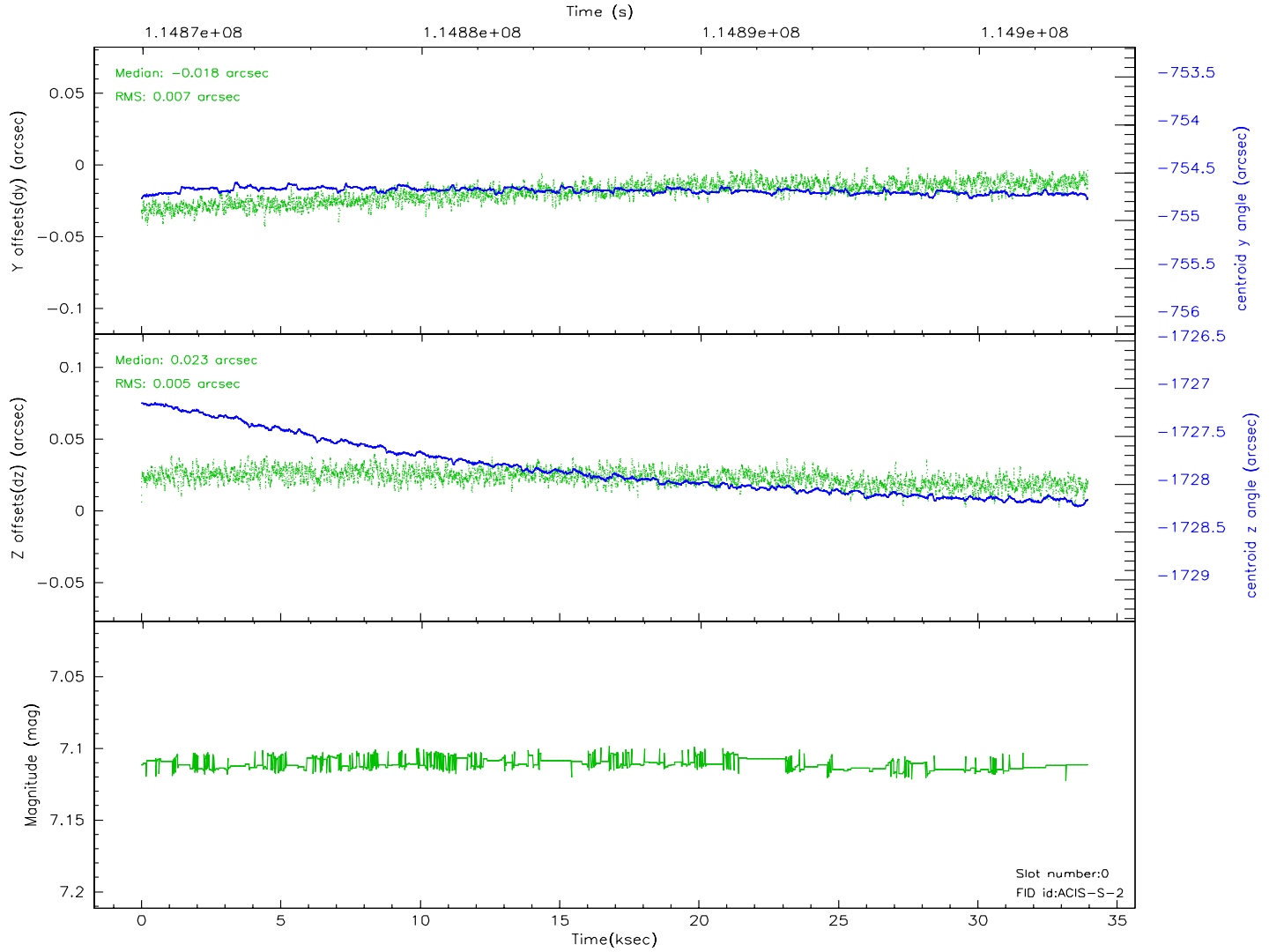
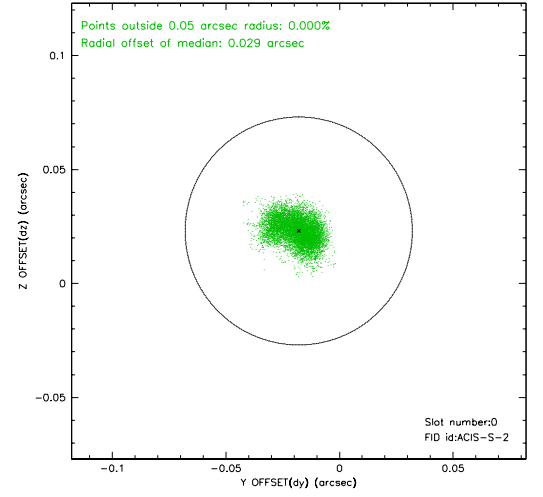
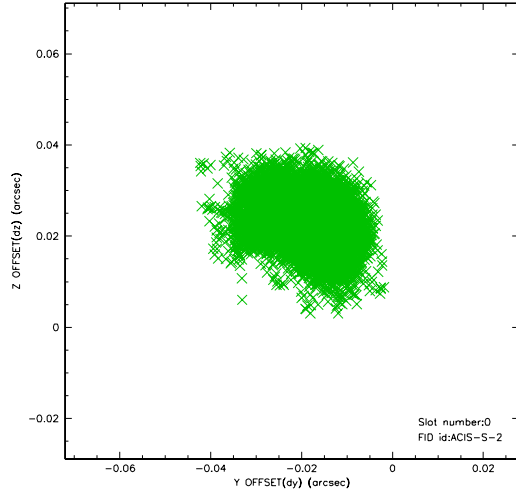


2.4.5 Slot 7

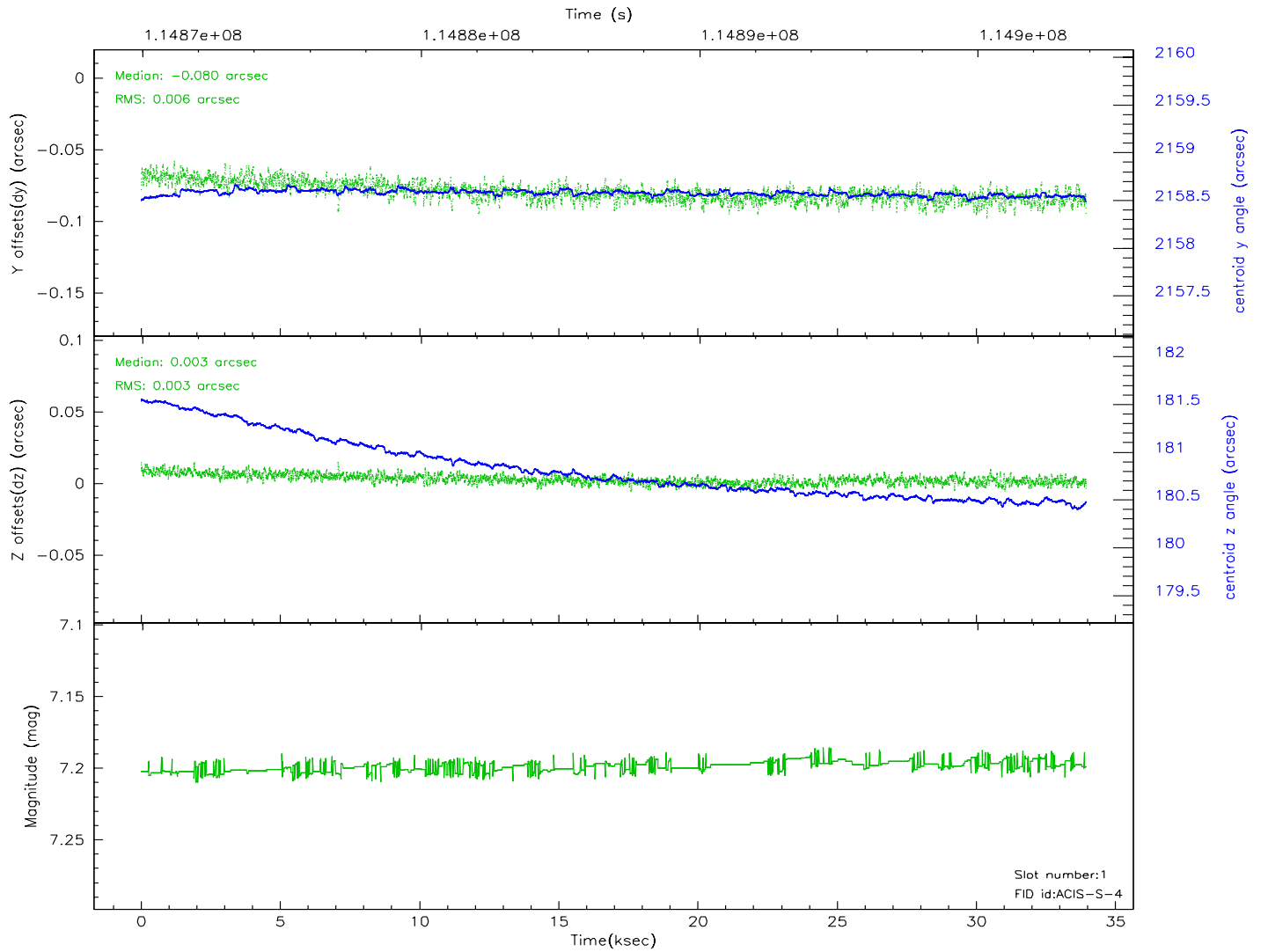
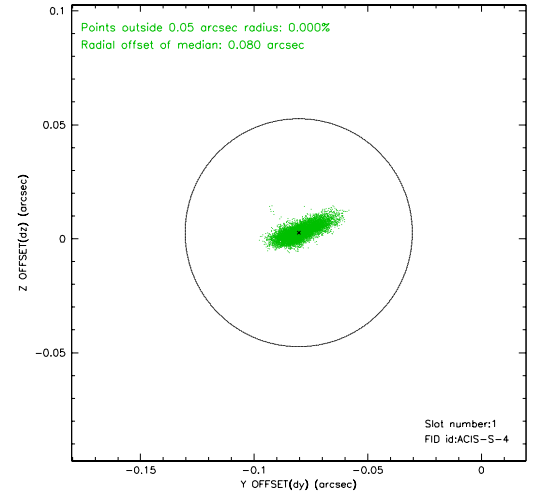
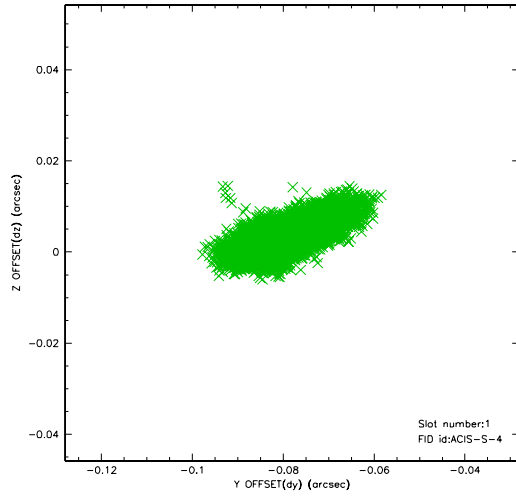


2.5 FID Slots

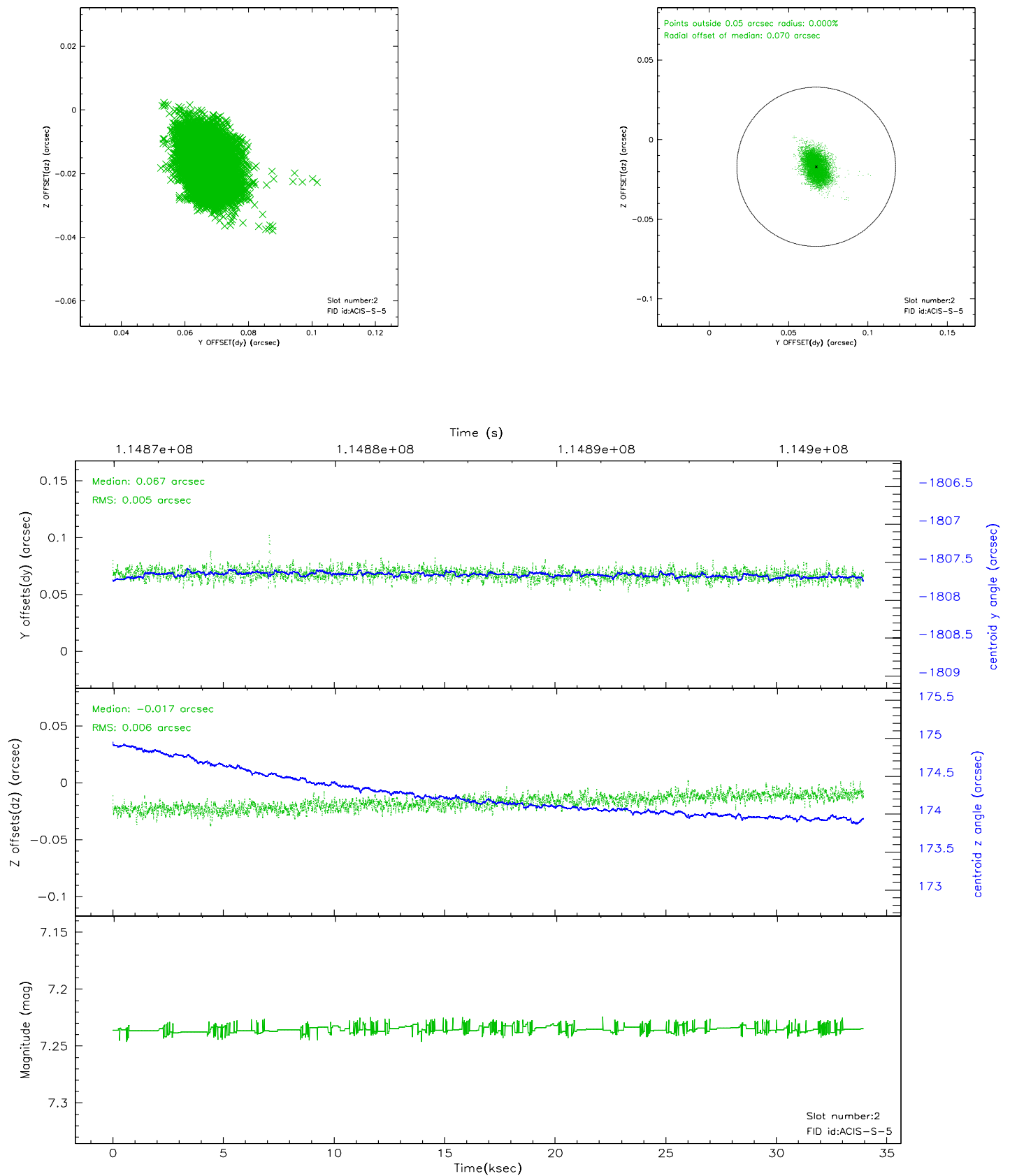
2.5.1 Slot 0



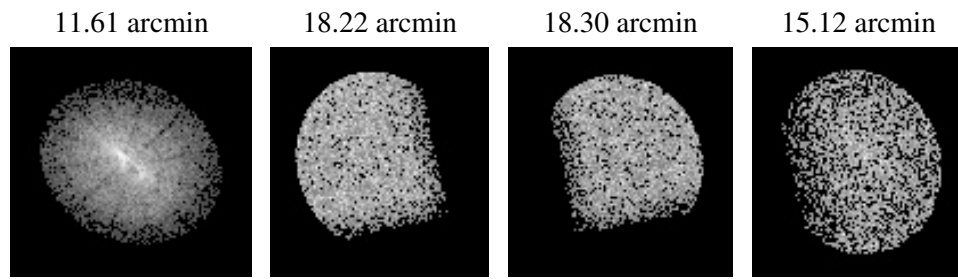
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.12.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	33.948

A.2 Comments