

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3820 - L2 Version 001
Chandra X-Ray Center

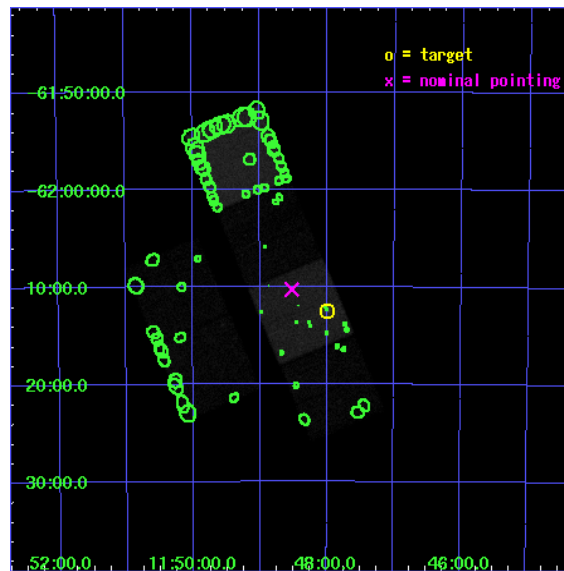
L2 Processing Date : Oct 16 2006

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1 Front

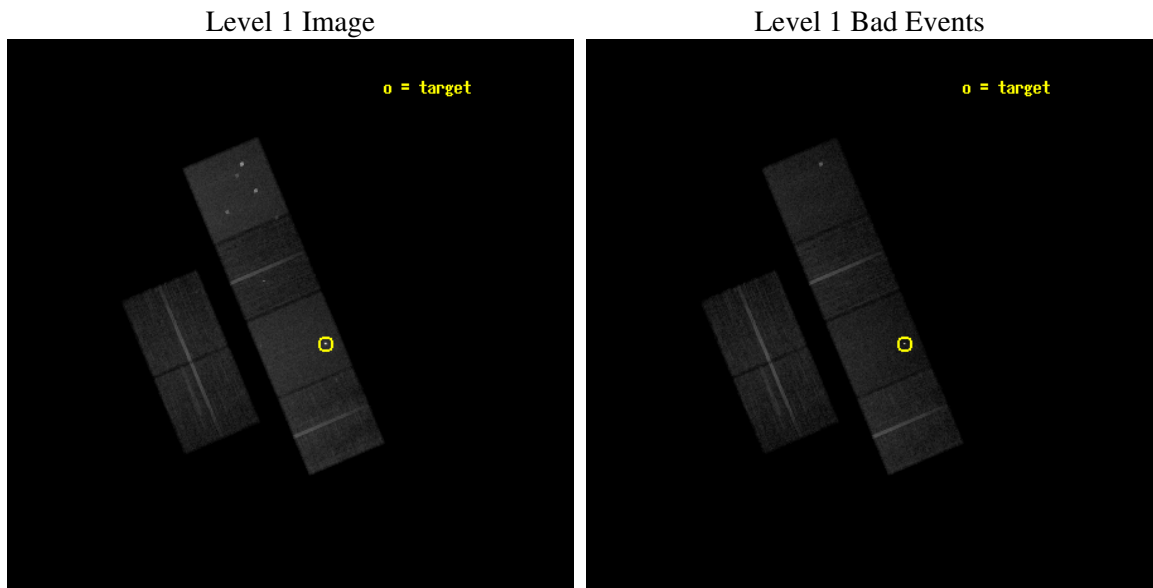
seq_num	400307
obs_id	3820
title	QUIESCENT EMISSION FROM TRANSIENT ACCRETION-POWERED PULSARS
observer	PROF. LARS BILDSTEN
object	4U 1145-619
dtcycle	0
cycle	P
ra_targ	177.0
dec_targ	-62.206917
ra_nom	177.13085343004
dec_nom	-62.171075079976
roll_nom	67.194120341017
revision	2
ontime	22963.199914455
livetime	22672.42605036
ontime2	22963.199914455
ontime3	22963.199914455
ontime5	22963.199914455
ontime6	22963.199914455
ontime7	22963.199914455
ontime8	22963.199914455
l2events	247565



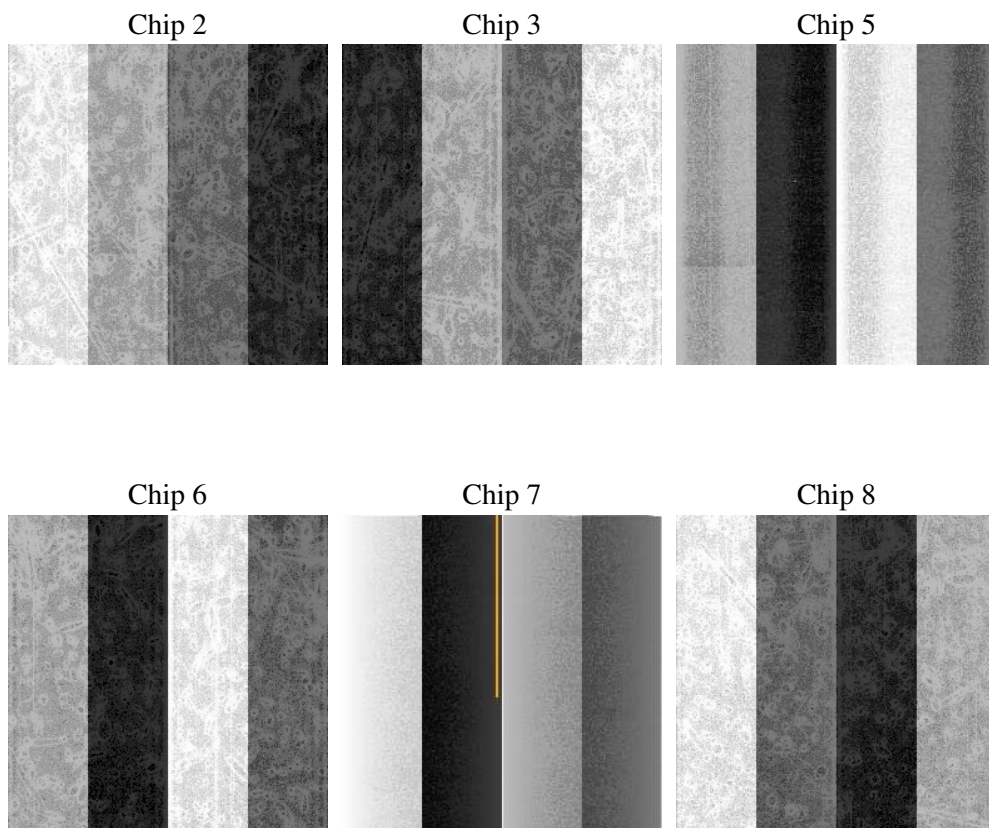
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldsver	3.2.3
date	2006-10-16T05:24:31
revision	2

sched_exp_time	23000.000000
ontime	22965.724279761
ontime2	22965.724279761
ontime3	22965.724279761
ontime5	22965.724279761
ontime6	22965.724279761
ontime7	22965.724279761
ontime8	22965.72424987
l1events	1052766

2.1.4 Events

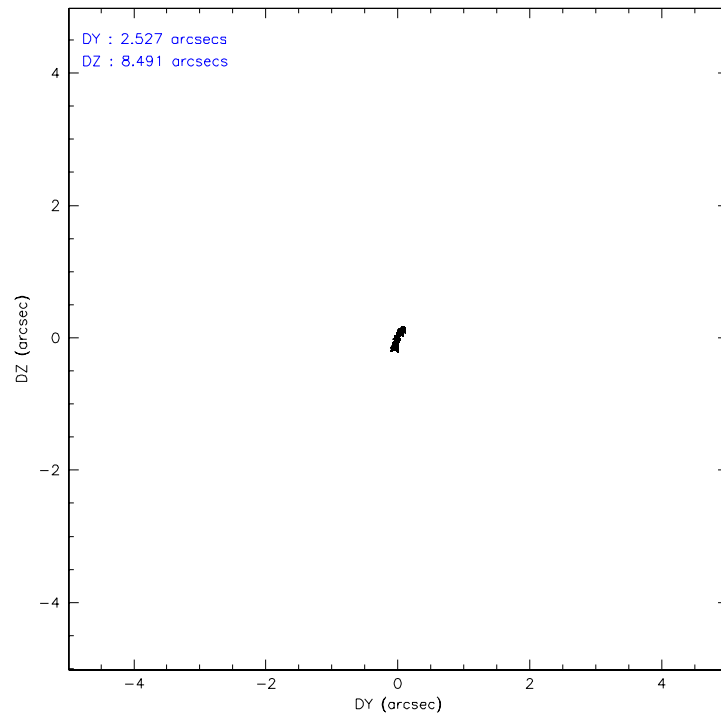
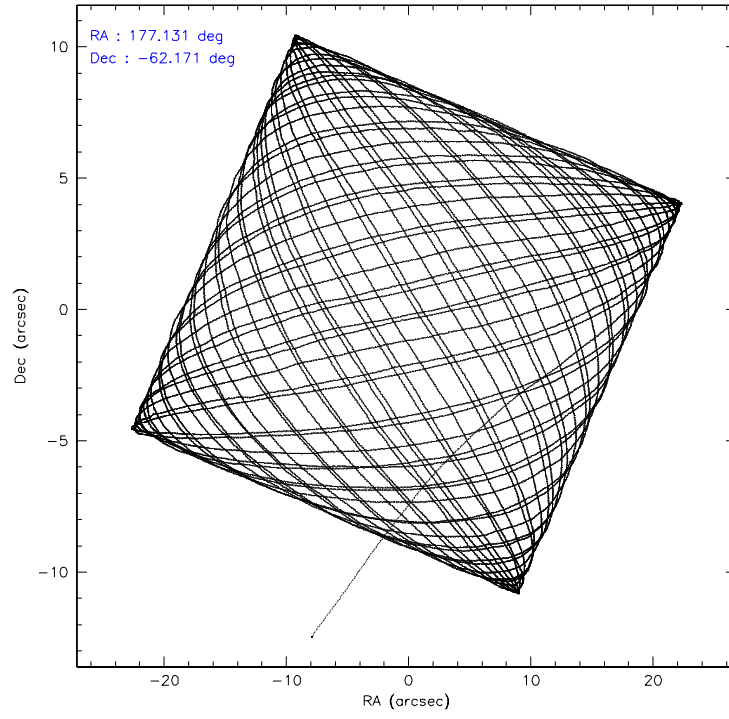
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	148414	140691	218661	145032	217121	182847
rejected events	129669	121042	117937	126448	123409	143804
rejected %	87%	86%	53%	87%	56%	78%

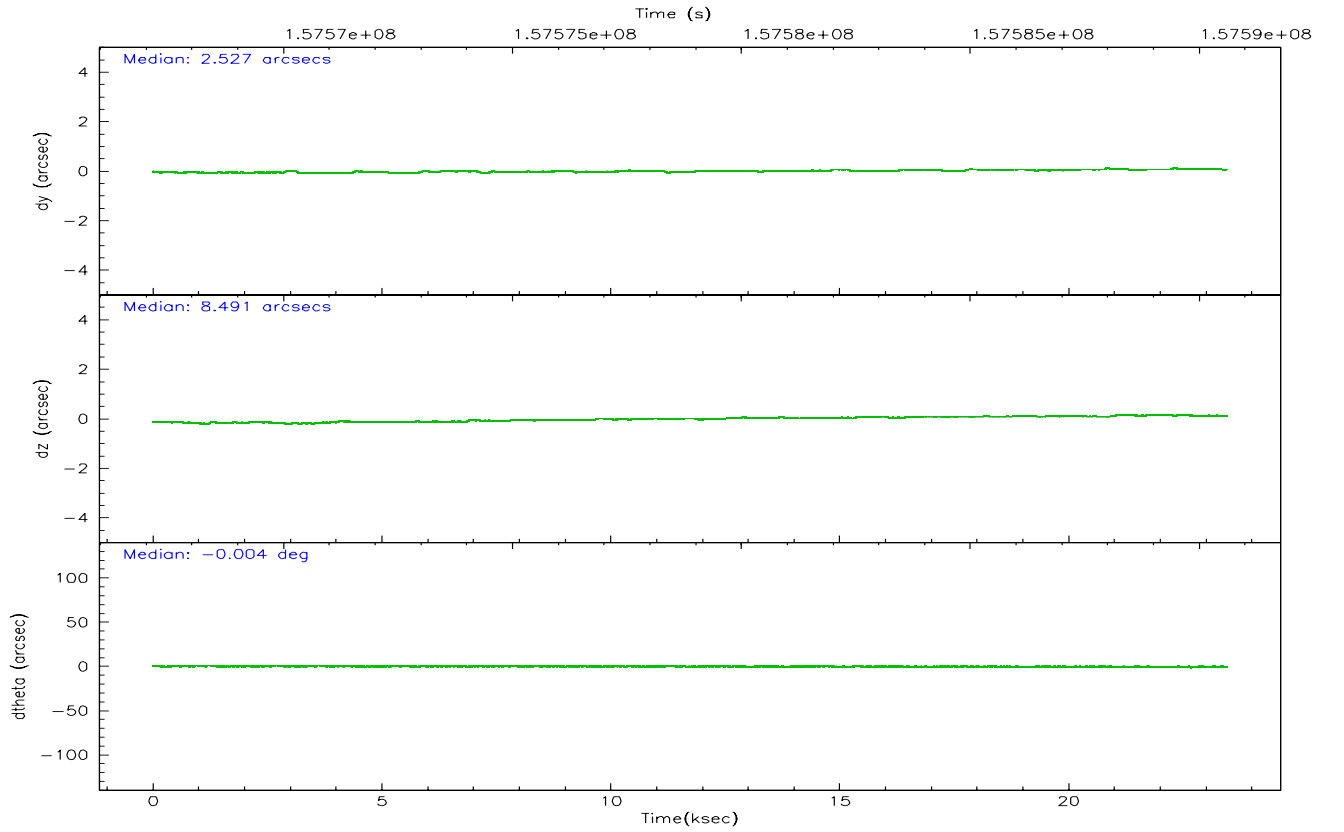
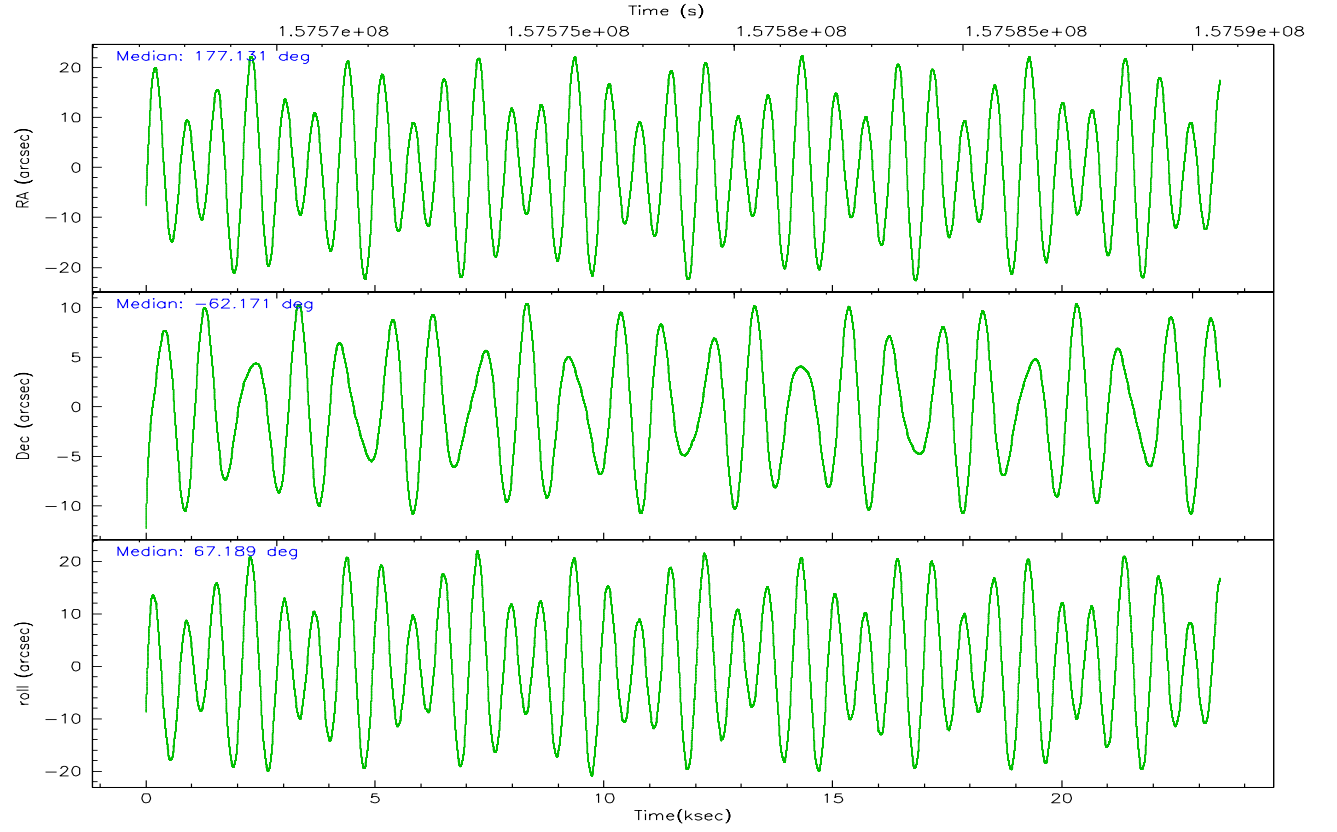
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	9240	10109	12178	8159	8387	12935
	6%	7%	5%	5%	3%	7%
grade 1 events	93	91	193	66	650	101
	0%	0%	0%	0%	0%	0%
grade 2 events	3474	3237	31329	3593	23396	8357
	2%	2%	14%	2%	10%	4%
grade 3 events	1713	1697	2219	1719	6021	3988
	1%	1%	1%	1%	2%	2%
grade 4 events	1661	1752	2052	1659	5954	3717
	1%	1%	0%	1%	2%	2%
grade 5 events	5597	6123	10071	6285	14559	8403
	3%	4%	4%	4%	6%	4%
grade 6 events	2659	2854	52959	3456	49963	10061
	1%	2%	24%	2%	23%	5%
grade 7 events	123977	114828	107660	120095	108191	135285
	83%	81%	49%	82%	49%	73%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	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	177.138944	177.1308534300426	Subarray requested	NONE	NONE
Pointing Dec	-62.198041	-62.17107507997618	Alternating exposures requested	N	N
Pointing Roll	67.044657	67.19412034101705	Primary exposure time	0.000000	3.2
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	157567615.184000	157566514.37143			
Observation start date	2002-12-29T16:45:51	2002-12-29T16:28:34			
Observation end time	157590615.184000	157591217.38496			
Observation end date	2002-12-29T23:09:11	2002-12-29T23:20:17			
Read mode	TIMED	TIMED			

2.3 Aspect



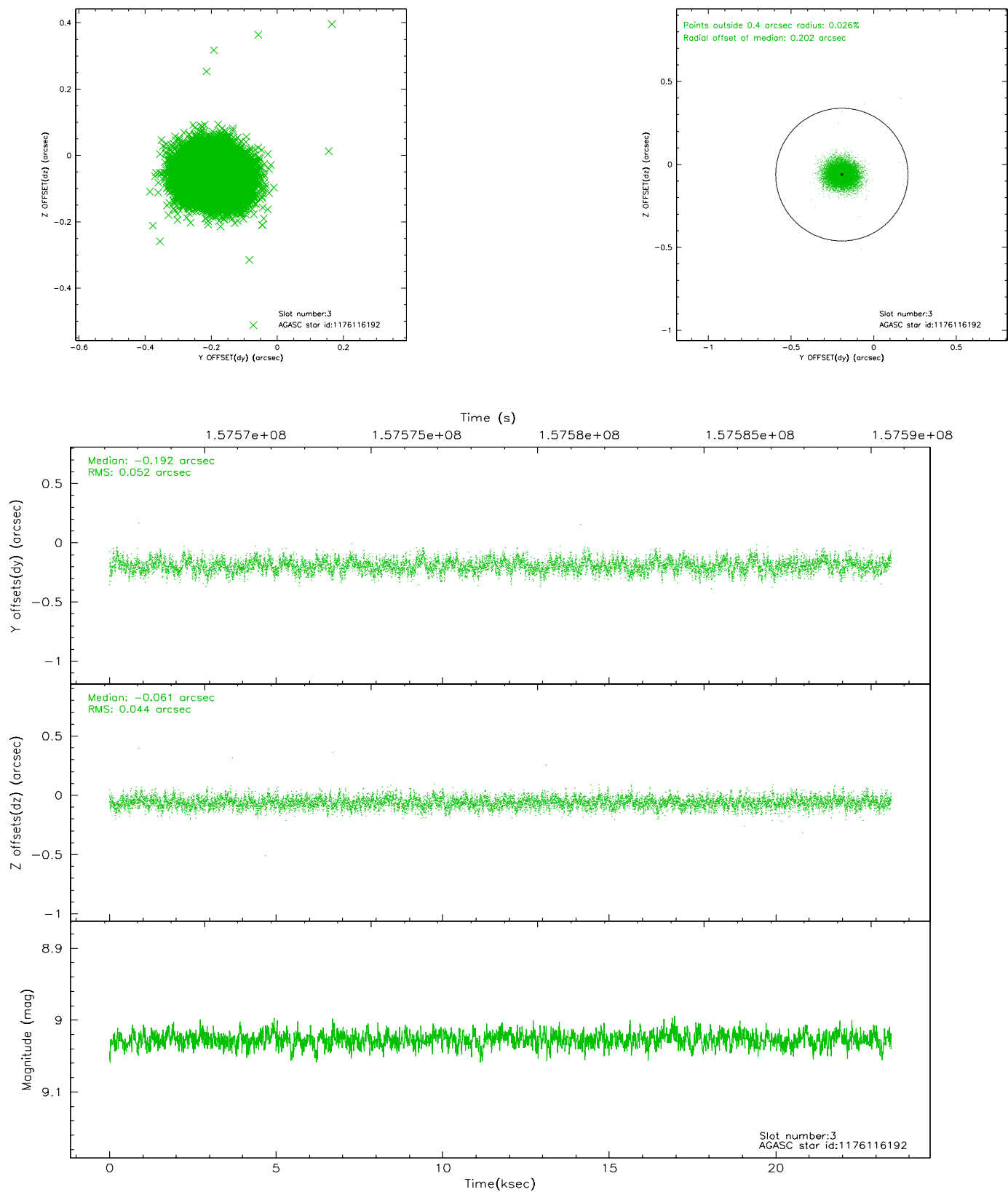


Slot Statistics

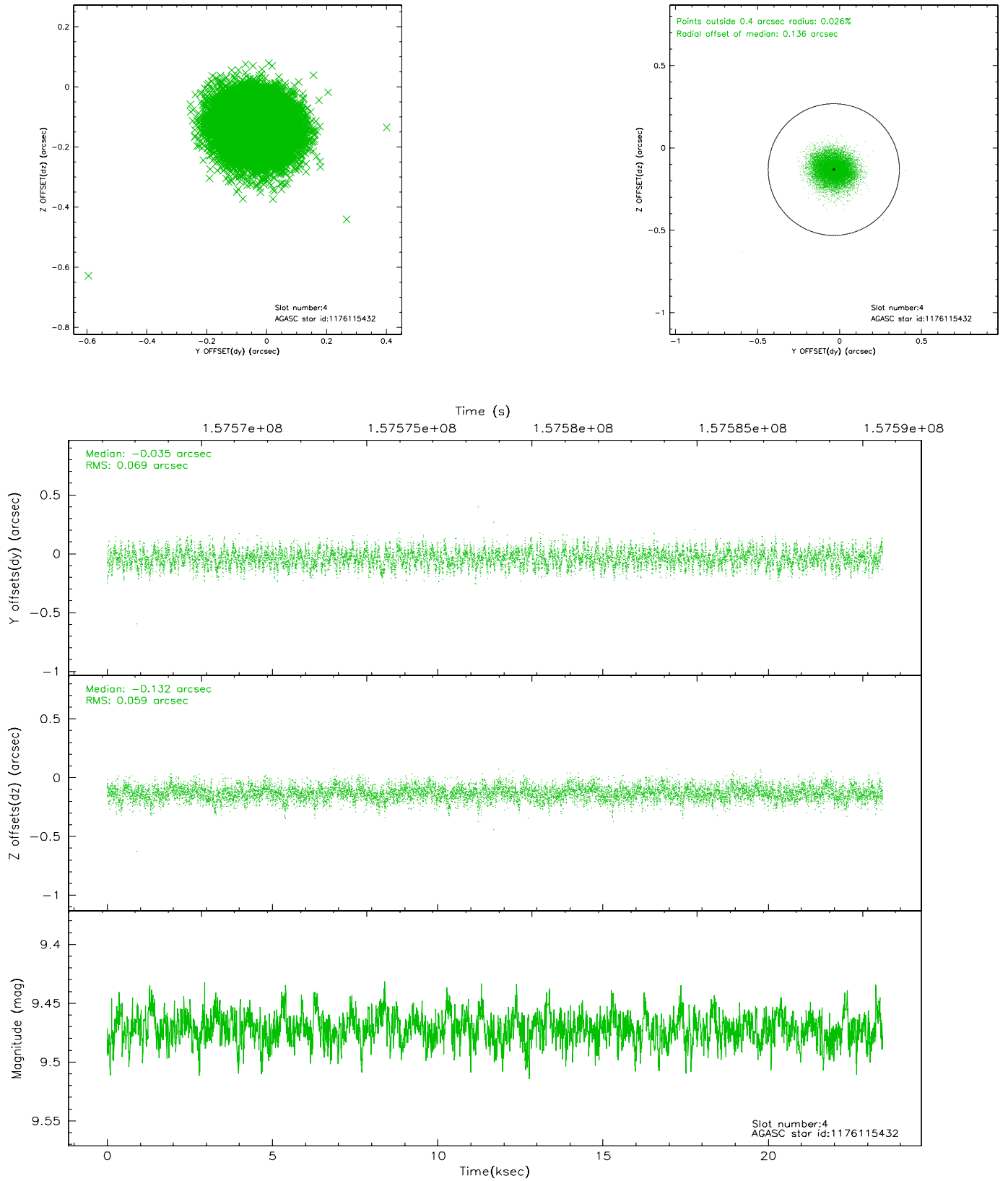
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	5723	0.027	0.040	0.008	0.014	0.000000	0.000000	940.87	-1725.24
1	FID	ACIS-S-4	7.20	5723	-0.070	-0.036	0.007	0.012	0.000000	0.000000	2158.28	178.69
2	FID	ACIS-S-5	7.24	5724	0.016	0.009	0.006	0.010	0.000000	0.000000	-1807.81	172.53
3	GUIDE	1176116192	9.03	11444	-0.192	-0.061	0.073	0.117	176.825689	-61.484410	2154.22	1497.63
4	GUIDE	1176115432	9.47	11441	-0.035	-0.132	0.098	0.154	176.273687	-61.517298	1668.20	2320.21
5	GUIDE	1176527440	9.39	11447	0.157	-0.112	0.098	0.161	175.601918	-62.576416	-2275.85	1803.55
6	GUIDE	1176666632	9.21	11443	0.099	0.184	0.092	0.146	177.987151	-62.873813	-1705.44	-2234.02
7	GUIDE	1176706272	8.94	11440	-0.031	0.120	0.076	0.122	178.166215	-61.994614	1338.73	-1318.64

2.4 Star Slots

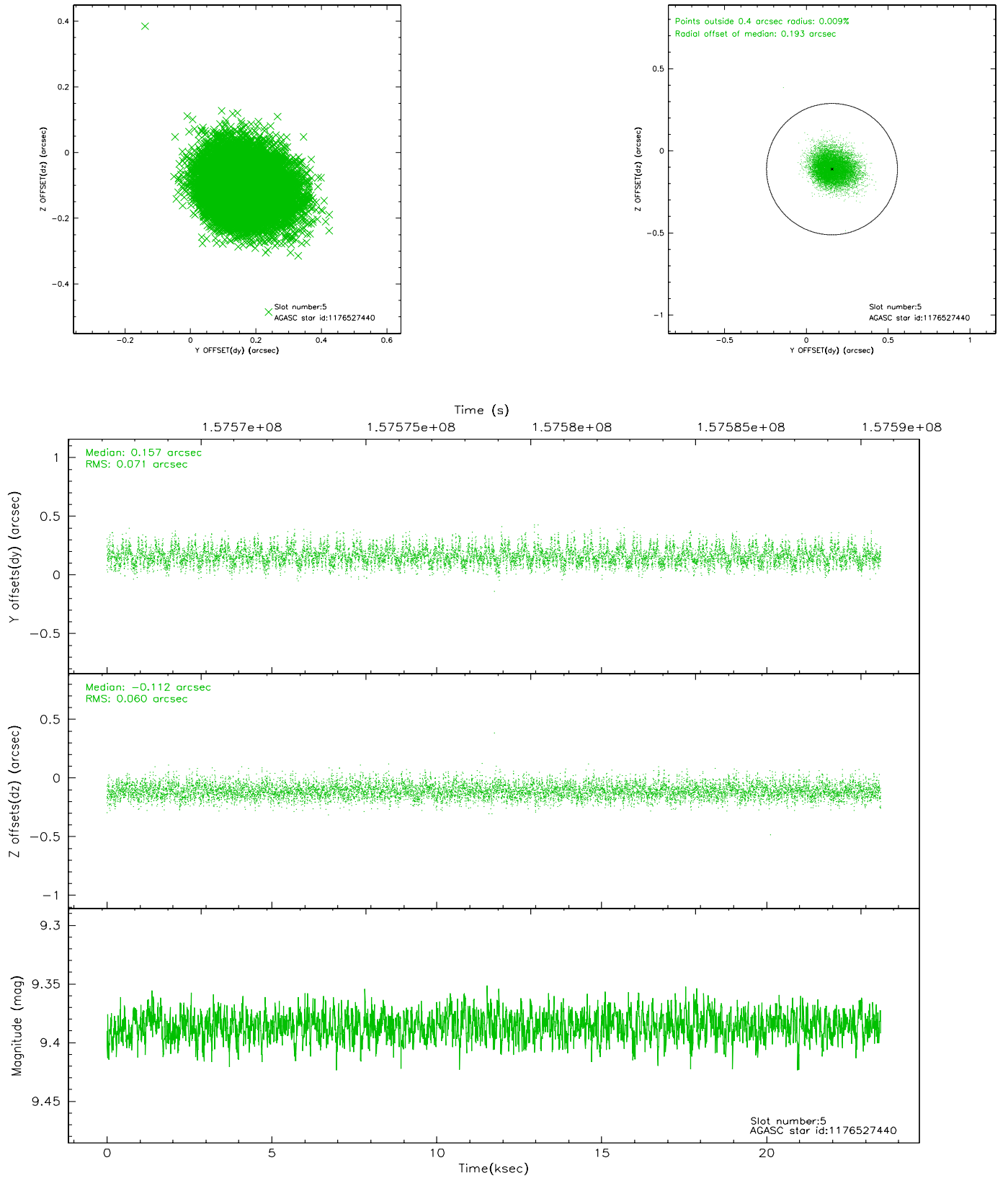
2.4.1 Slot 3



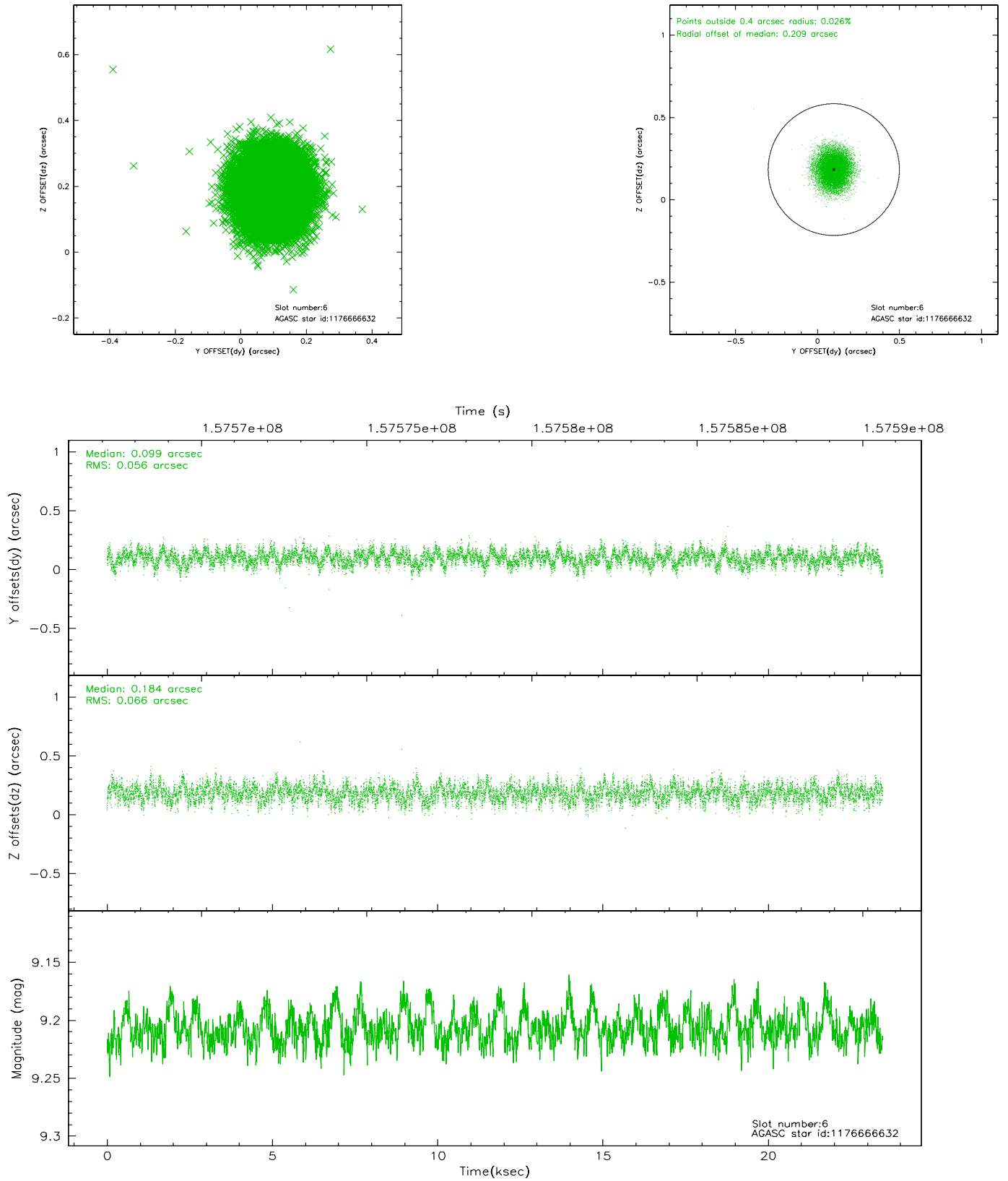
2.4.2 Slot 4



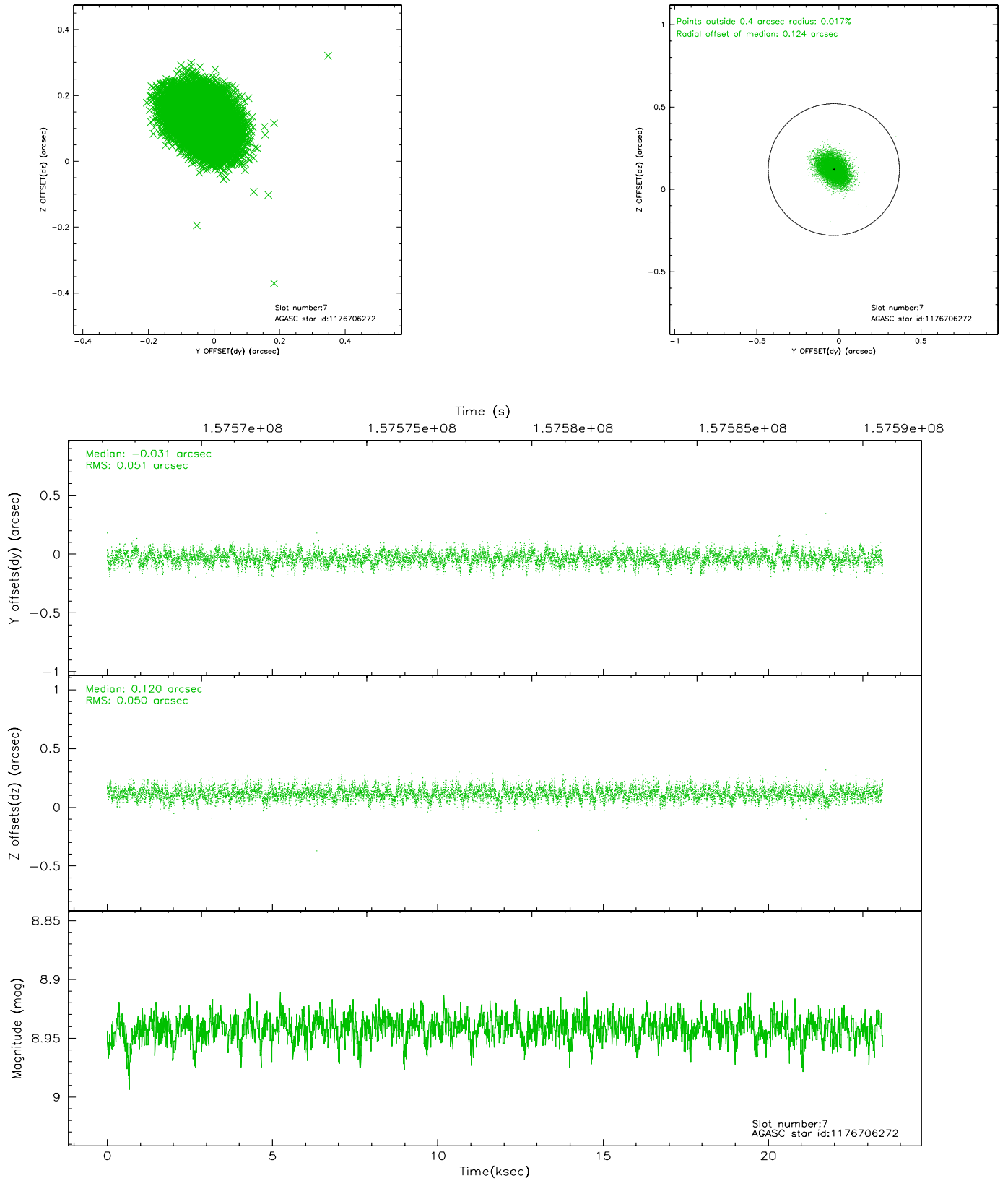
2.4.3 Slot 5



2.4.4 Slot 6

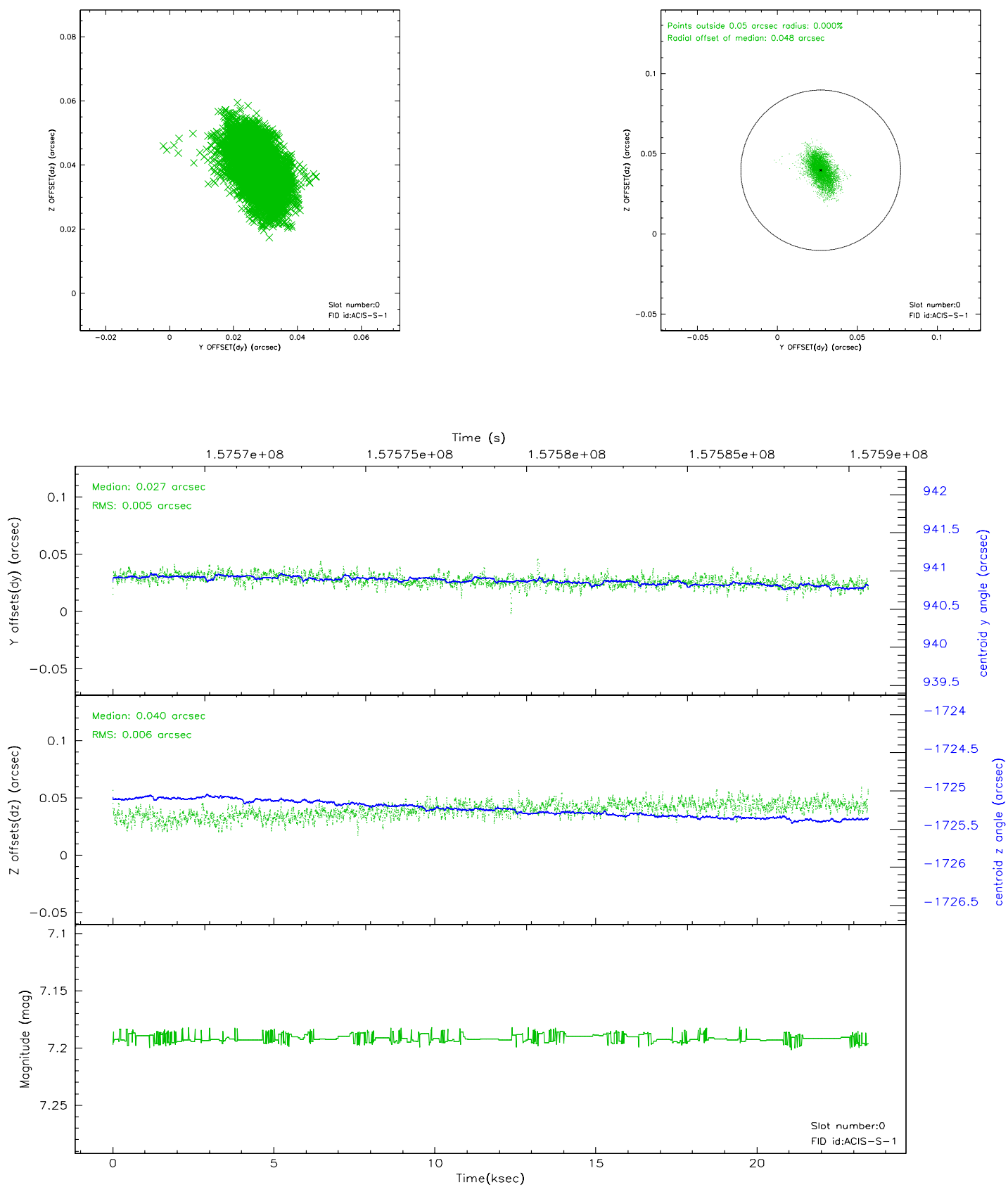


2.4.5 Slot 7

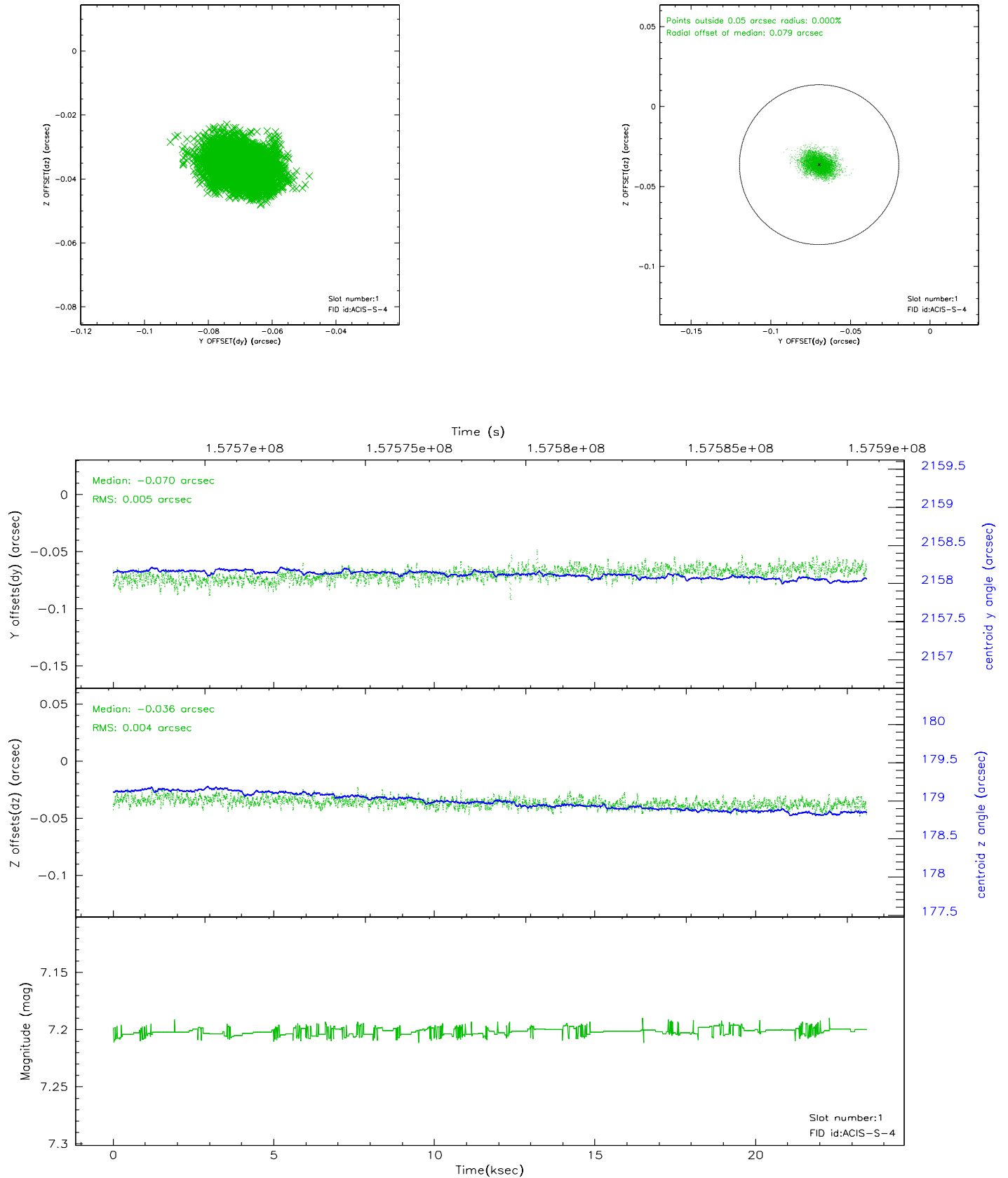


2.5 FID Slots

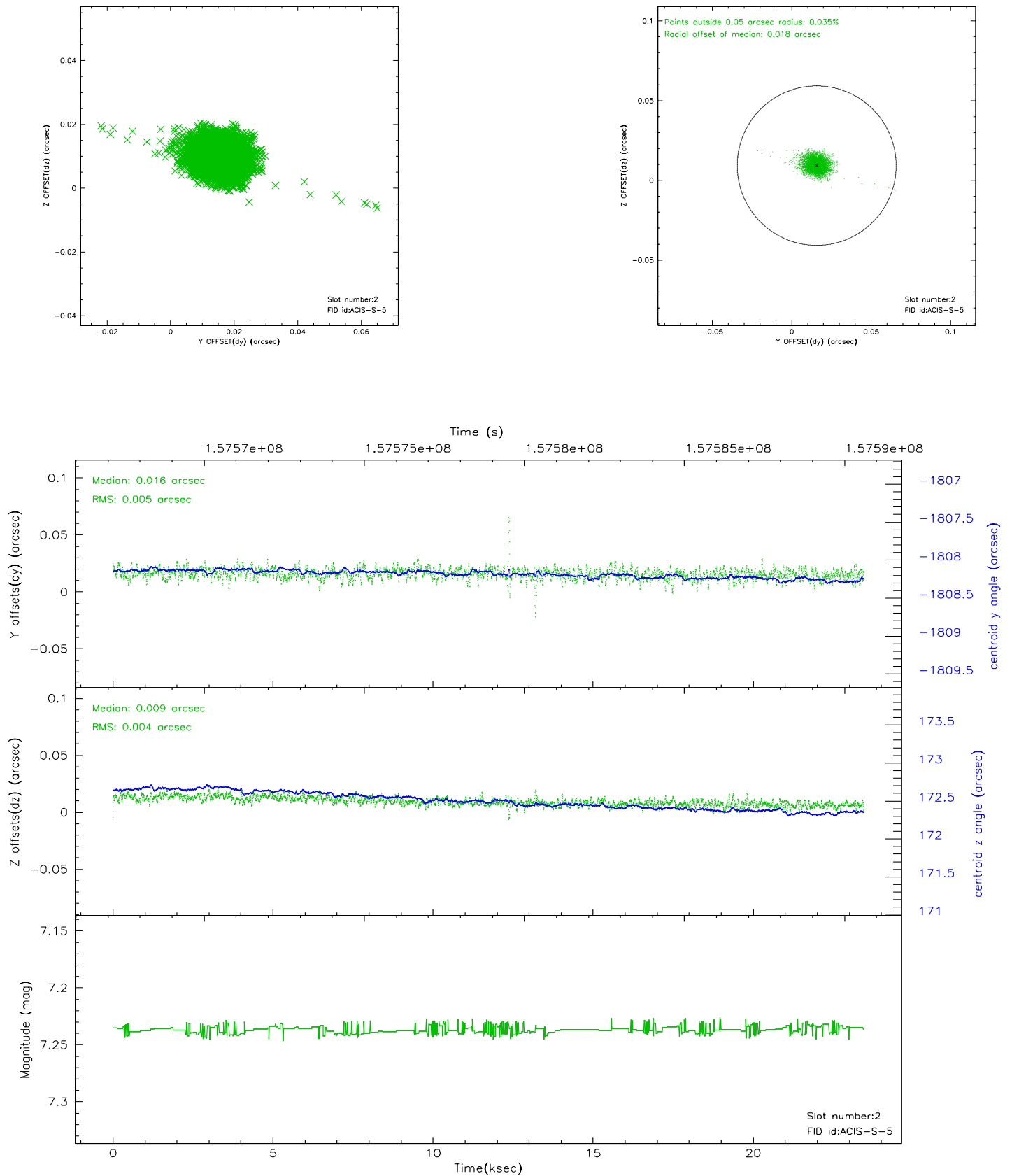
2.5.1 Slot 0



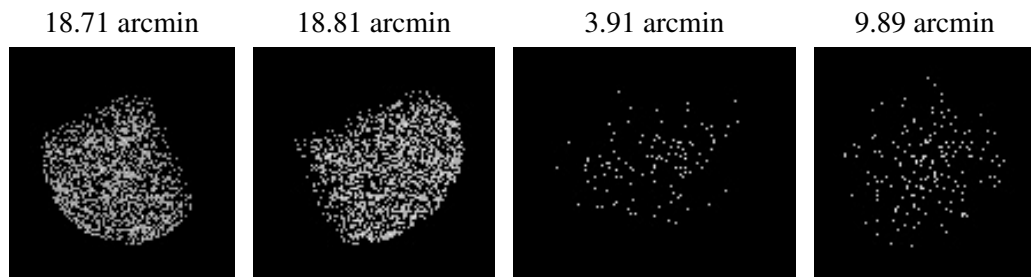
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.10.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	22.963

A.2 Comments