

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4645 - L2 Version 3
Chandra X-Ray Center

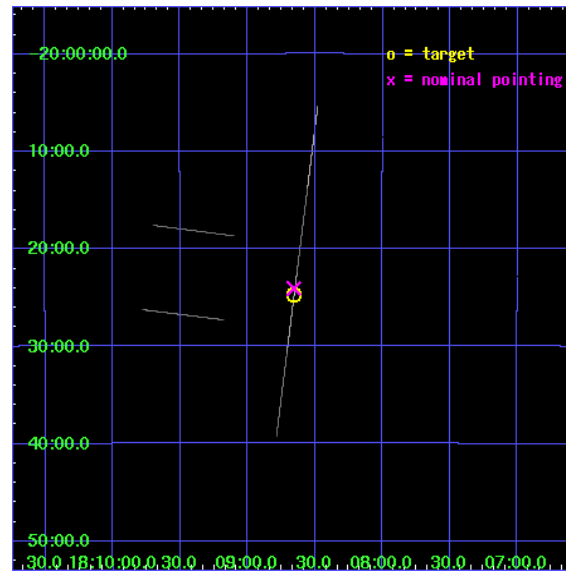
L2 Processing Date : Apr 11 2008

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1 Front

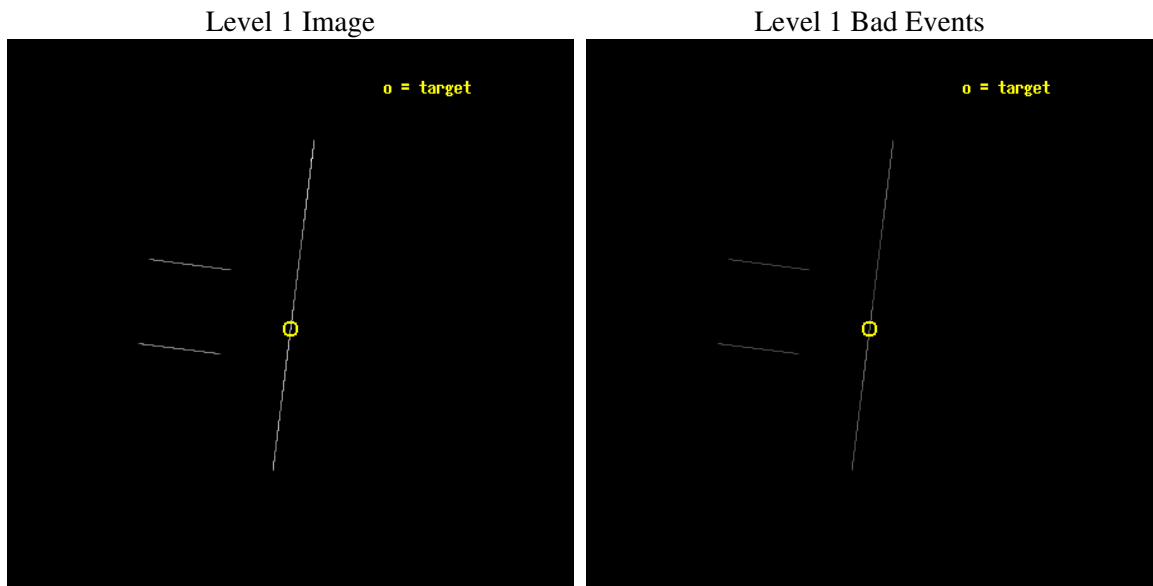
seq_num	500464
obs_id	4645
title	ToO Observations of Soft Gamma Repeaters
observer	Dr. Peter Woods
object	SGR 1806-20
ra_targ	272.16375
dec_targ	-20.410972
ra_nom	272.16427179162
dec_nom	-20.401325669954
roll_nom	97.195528228079
revision	3
ontime	50174.75
livetime	49978.754882812
ontime2	50174.75
ontime3	50174.75
ontime5	50174.75
ontime6	50174.75
ontime7	50174.75
ontime8	50174.75
l2events	689751



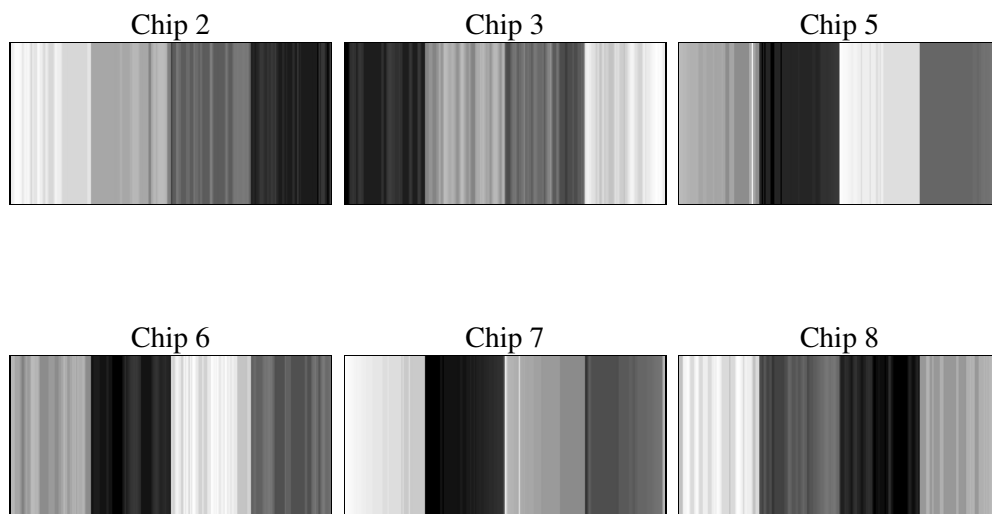
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.11.6
caldsver	3.4.4
date	2008-04-11T19:16:02
revision	3

sched_exp_time	50000.000000
ontime	50174.75
ontime2	50174.75
ontime3	50174.75
ontime5	50174.75
ontime6	50174.75
ontime7	50174.75
ontime8	50174.75
l1events	1045947

2.1.4 Events

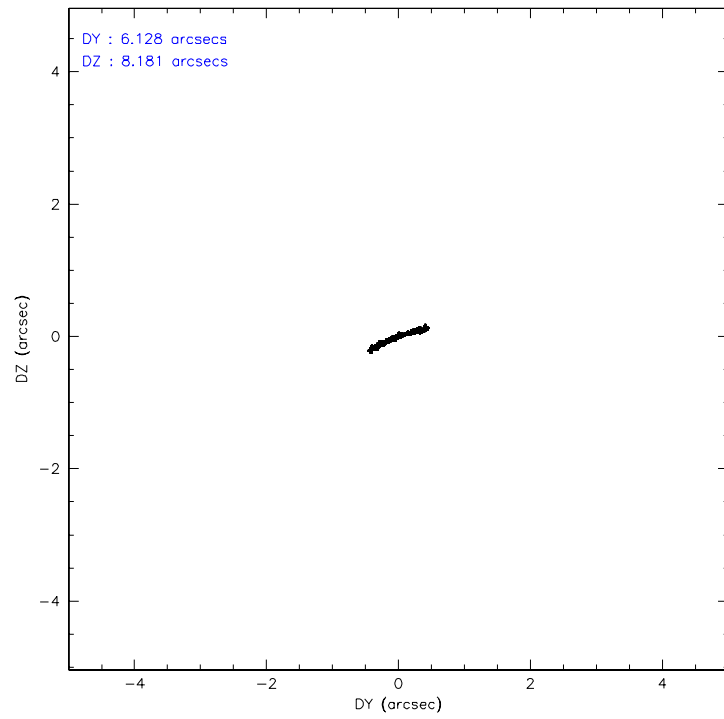
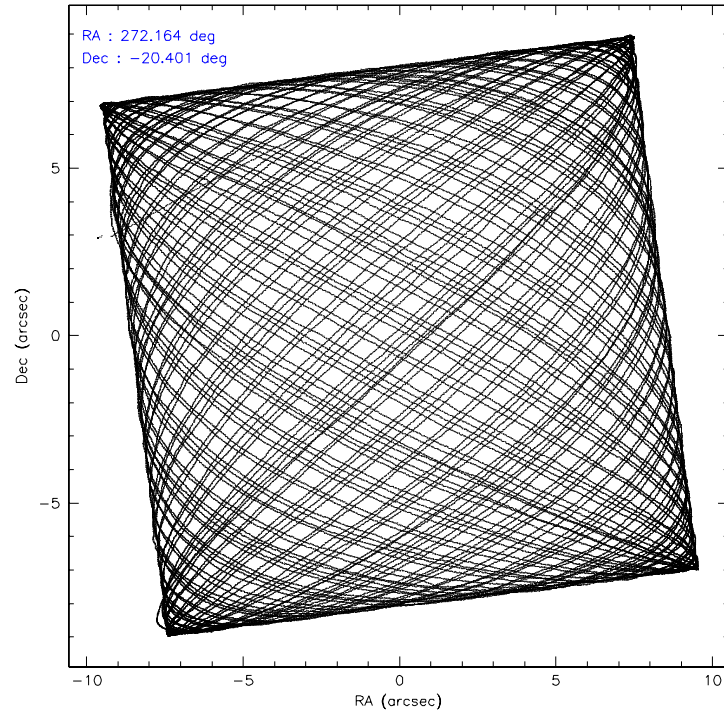
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	72440	80578	376824	81944	279328	154833
rejected events	13071	14858	34410	15800	41788	21925
rejected %	18%	18%	9%	19%	14%	14%

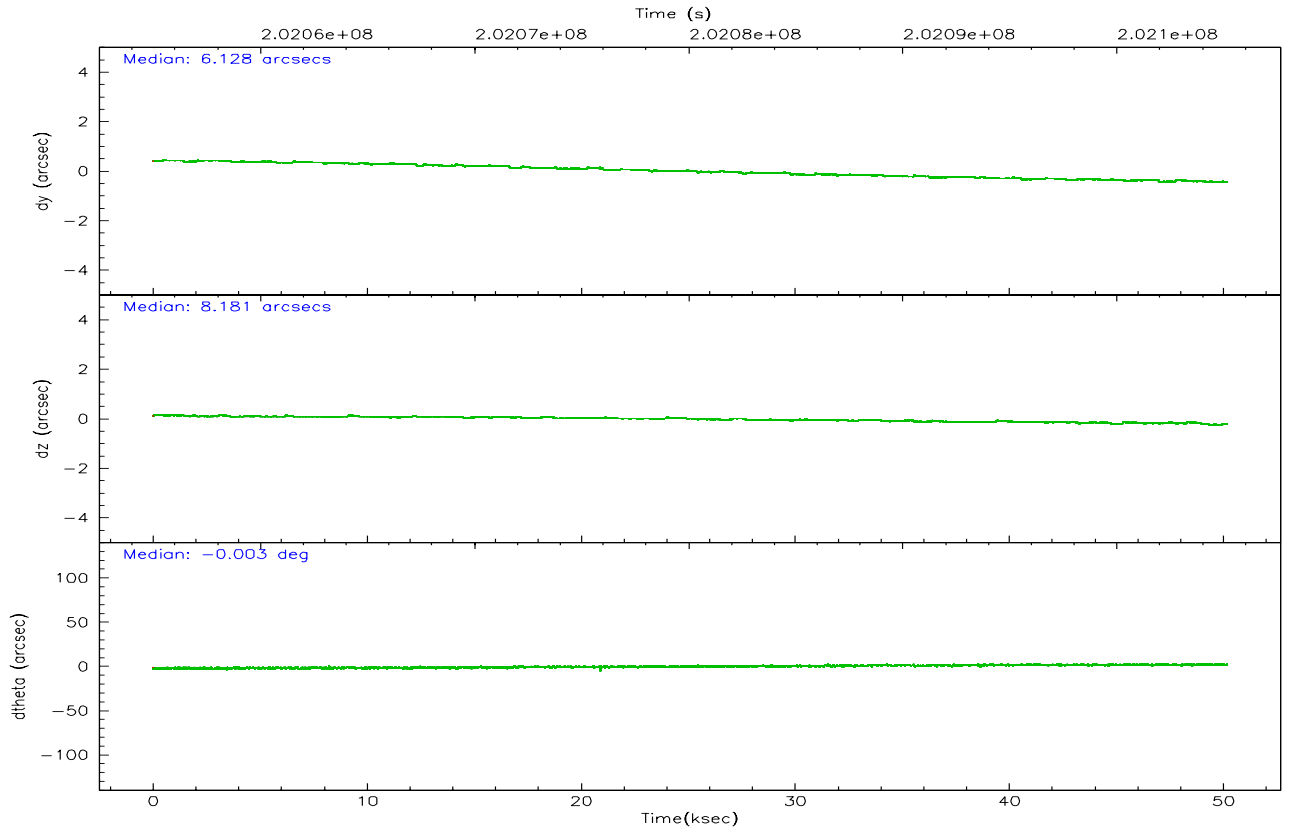
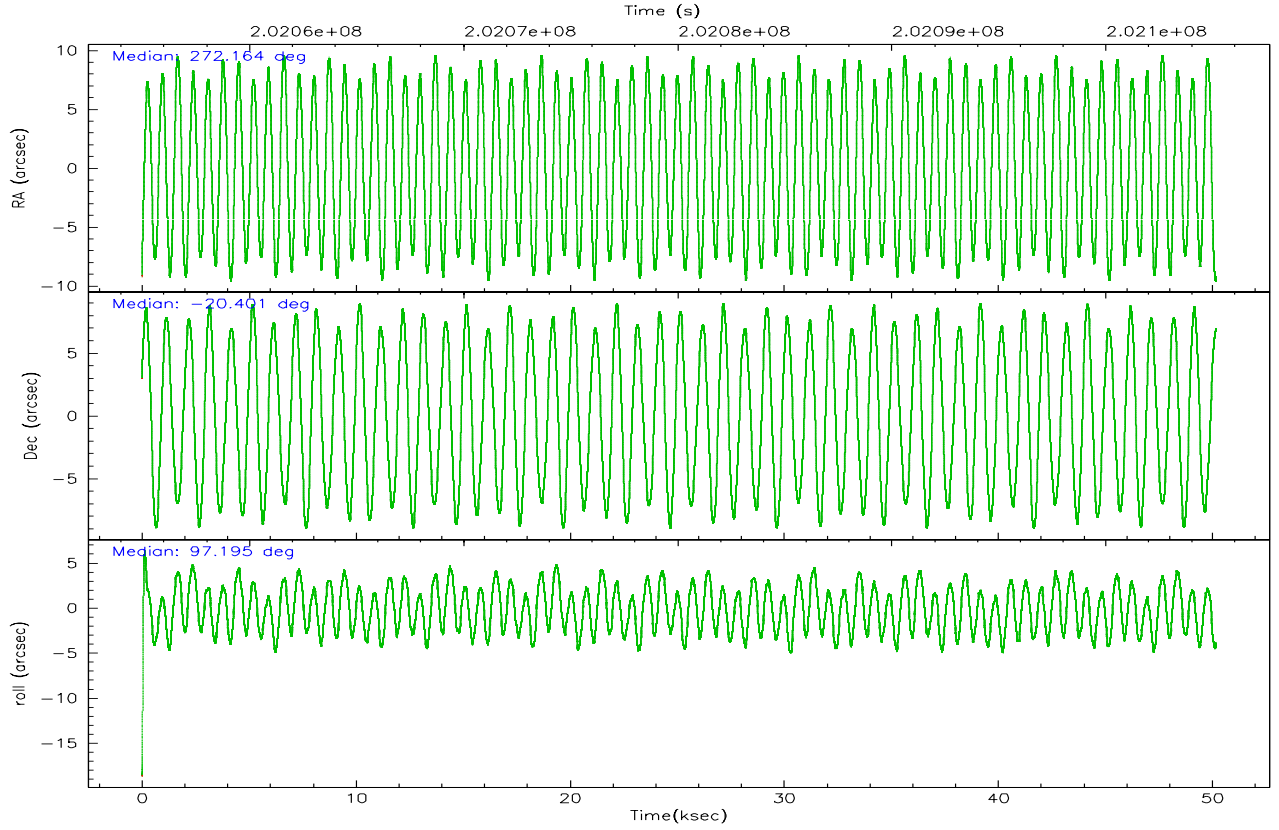
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	8381	9342	93492	8097	25473	26114
	11%	11%	24%	9%	9%	16%
grade 1 events	273	313	564	282	576	552
	0%	0%	0%	0%	0%	0%
grade 2 events	23019	24605	92357	25948	59419	43005
	31%	30%	24%	31%	21%	27%
grade 3 events	7610	9544	6915	8089	18395	14689
	10%	11%	1%	9%	6%	9%
grade 4 events	7836	8189	6673	7964	18435	14349
	10%	10%	1%	9%	6%	9%
grade 5 events	12739	14496	33551	15465	40986	21289
	17%	17%	8%	18%	14%	13%
grade 6 events	12582	14089	143272	16099	116044	34835
	17%	17%	38%	19%	41%	22%
grade 7 events	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%

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	CC33_FAINT	CC33_FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	272.182157	272.1642717916226	Alternating exposures requested	N	N
Pointing Dec	-20.422781	-20.40132566995382	Primary exposure time	0.000000	0
Pointing Roll	97.045141	97.19552822807928			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	202055151.184000	202054557.45741			
Observation start date	2004-05-27T14:24:47	2004-05-27T14:15:57			
Observation end time	202105151.184000	202106824.77222			
Observation end date	2004-05-28T04:18:07	2004-05-28T04:47:04			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



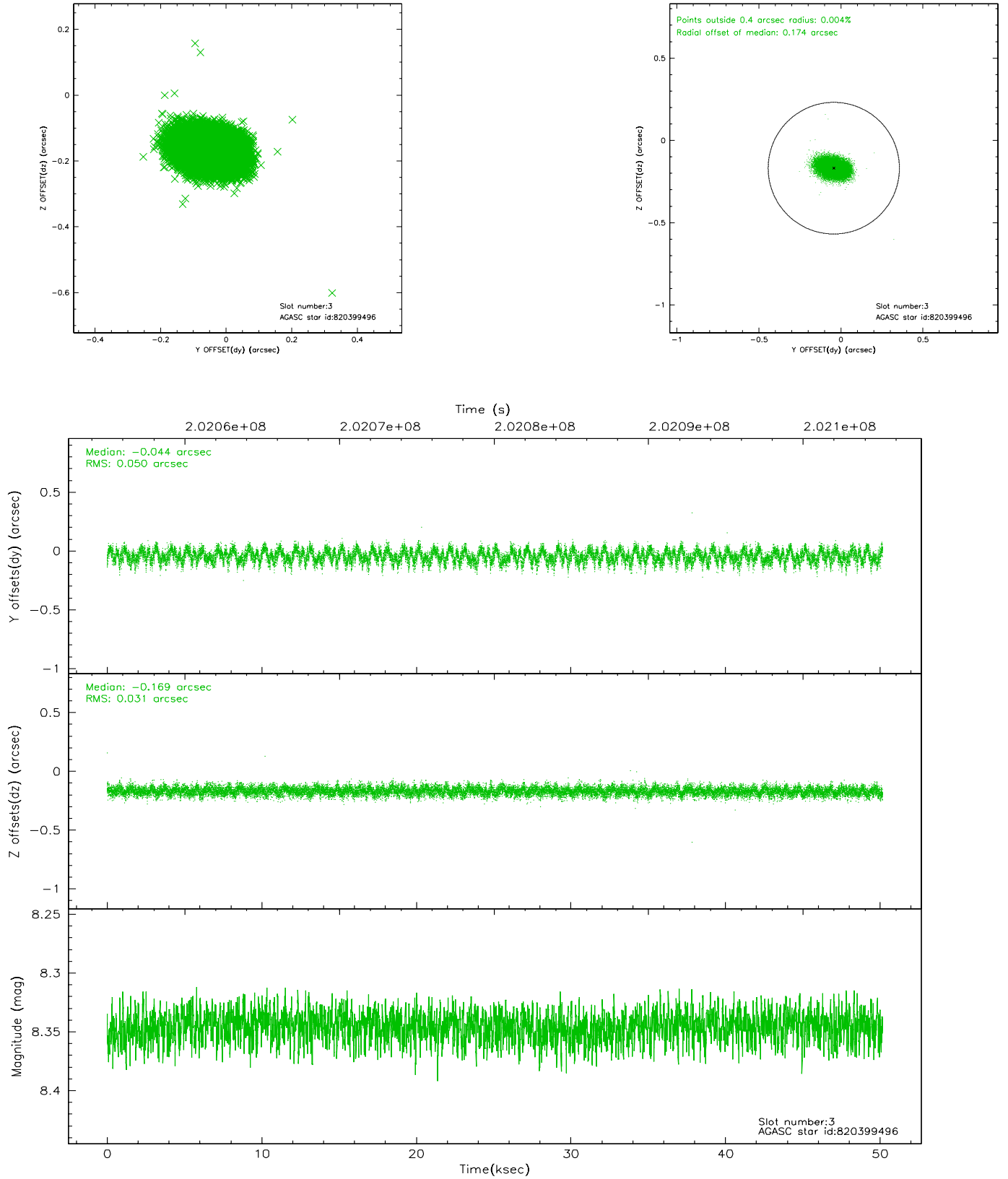


Slot Statistics

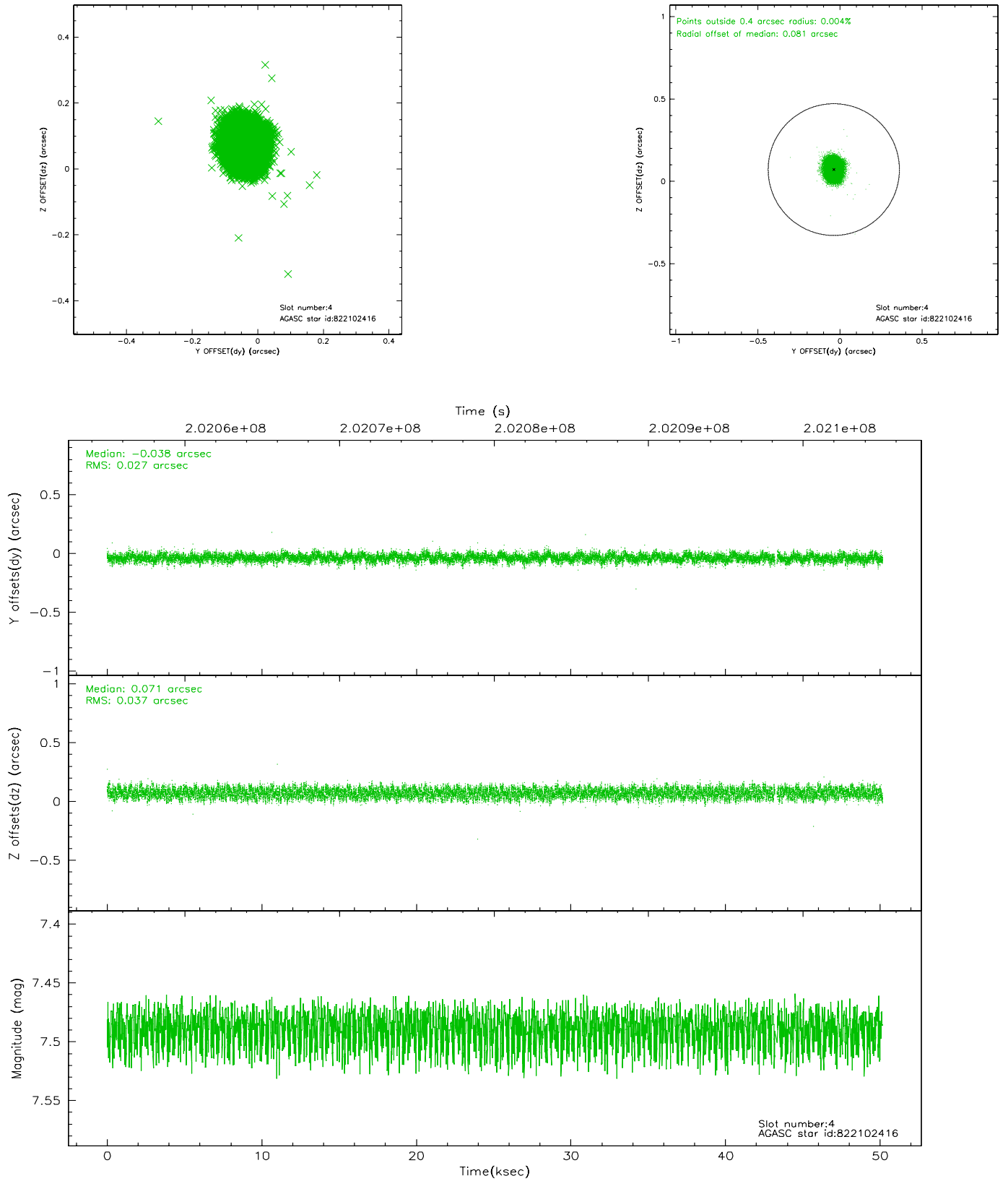
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	12239	0.032	0.001	0.007	0.012	0.000000	0.000000	937.15	-1725.02
1	FID	ACIS-S-2	7.10	12238	-0.043	0.003	0.007	0.012	0.000000	0.000000	-758.84	-1729.49
2	FID	ACIS-S-6	7.36	12240	-0.009	0.001	0.006	0.011	0.000000	0.000000	402.86	816.36
3	GUIDE	820399496	8.35	24468	-0.044	-0.169	0.062	0.102	271.495152	-19.953854	1955.82	2100.78
4	GUIDE	822102416	7.49	24407	-0.038	0.071	0.049	0.077	272.173216	-20.087156	1203.00	-117.92
5	GUIDE	822616024	8.41	24472	0.100	-0.133	0.059	0.094	272.218514	-20.919122	-1788.23	97.59
6	GUIDE	822617304	8.98	24464	0.040	0.146	0.064	0.103	272.421826	-20.831304	-1558.99	-619.66
7	GUIDE	822098736	8.50	24470	-0.060	0.084	0.071	0.115	272.269355	-19.875225	1920.03	-534.57

2.4 Star Slots

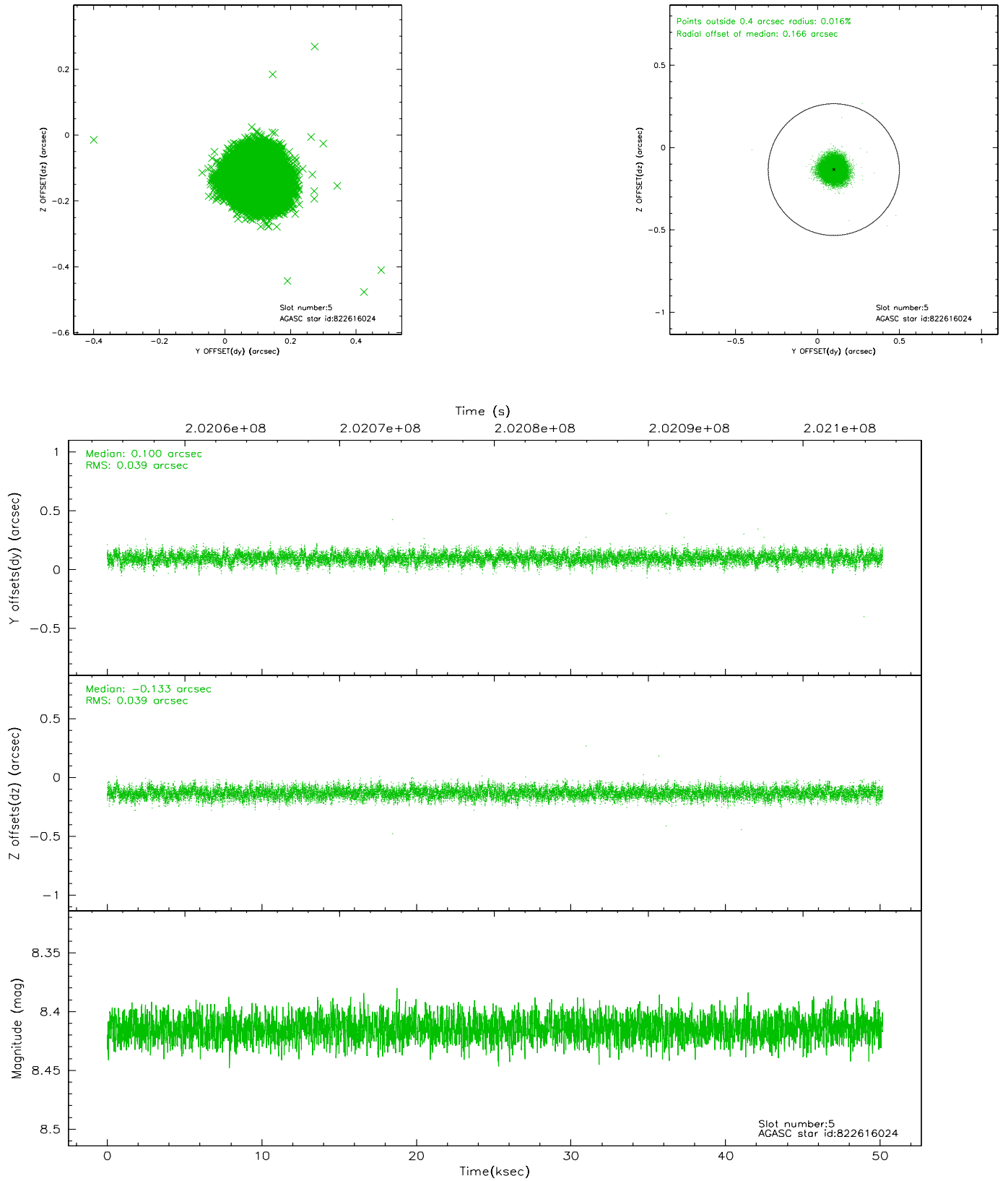
2.4.1 Slot 3



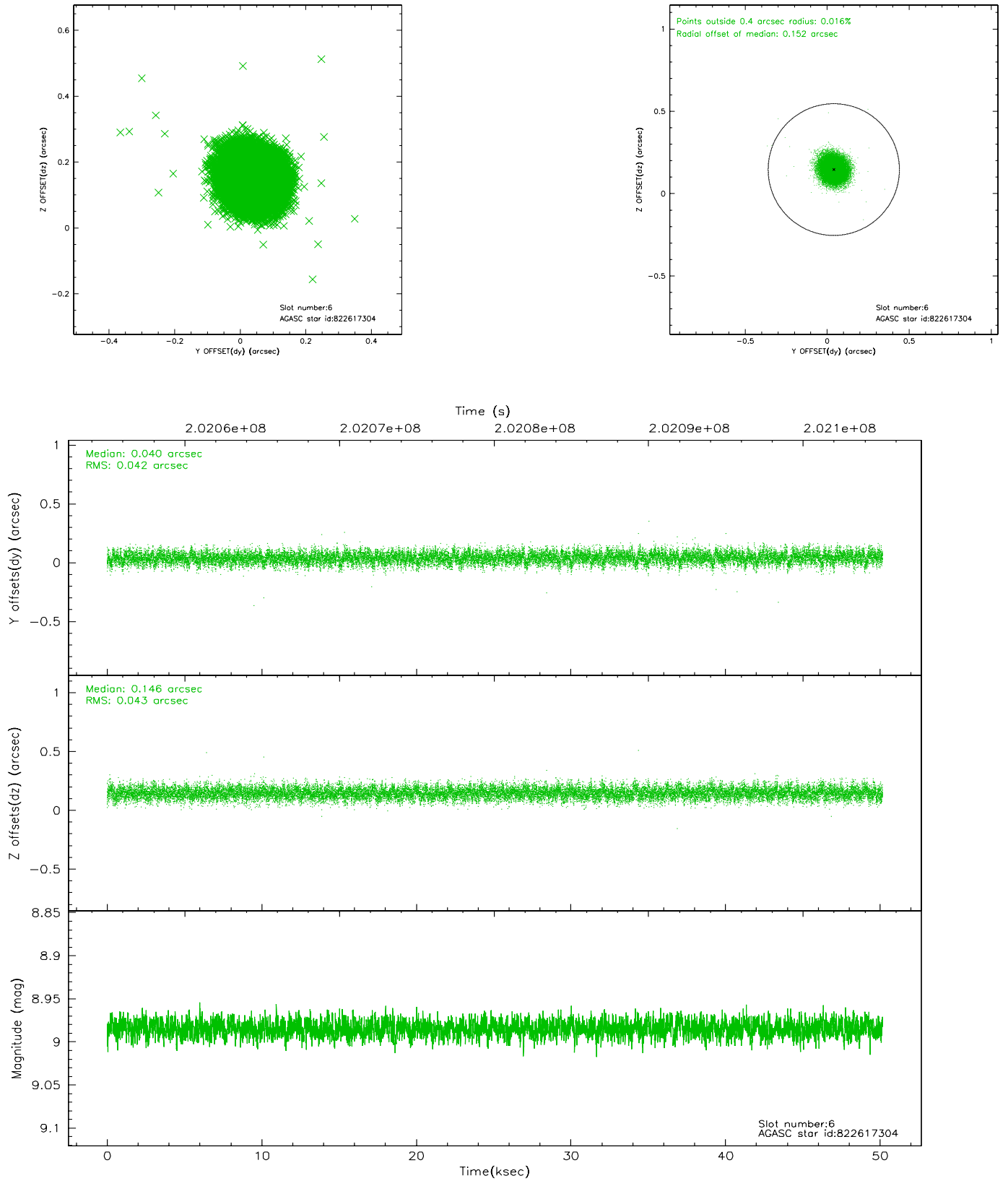
2.4.2 Slot 4



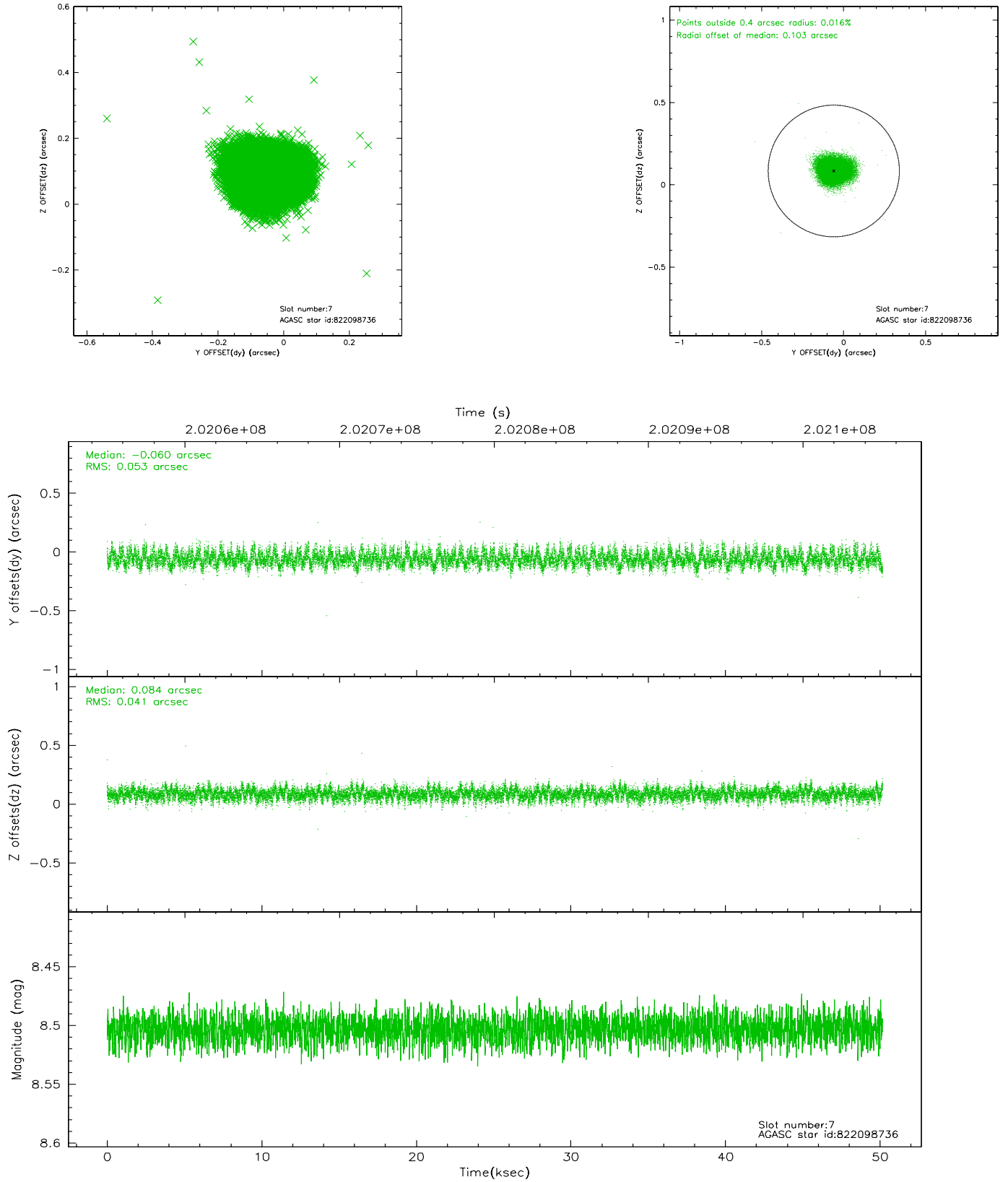
2.4.3 Slot 5



2.4.4 Slot 6

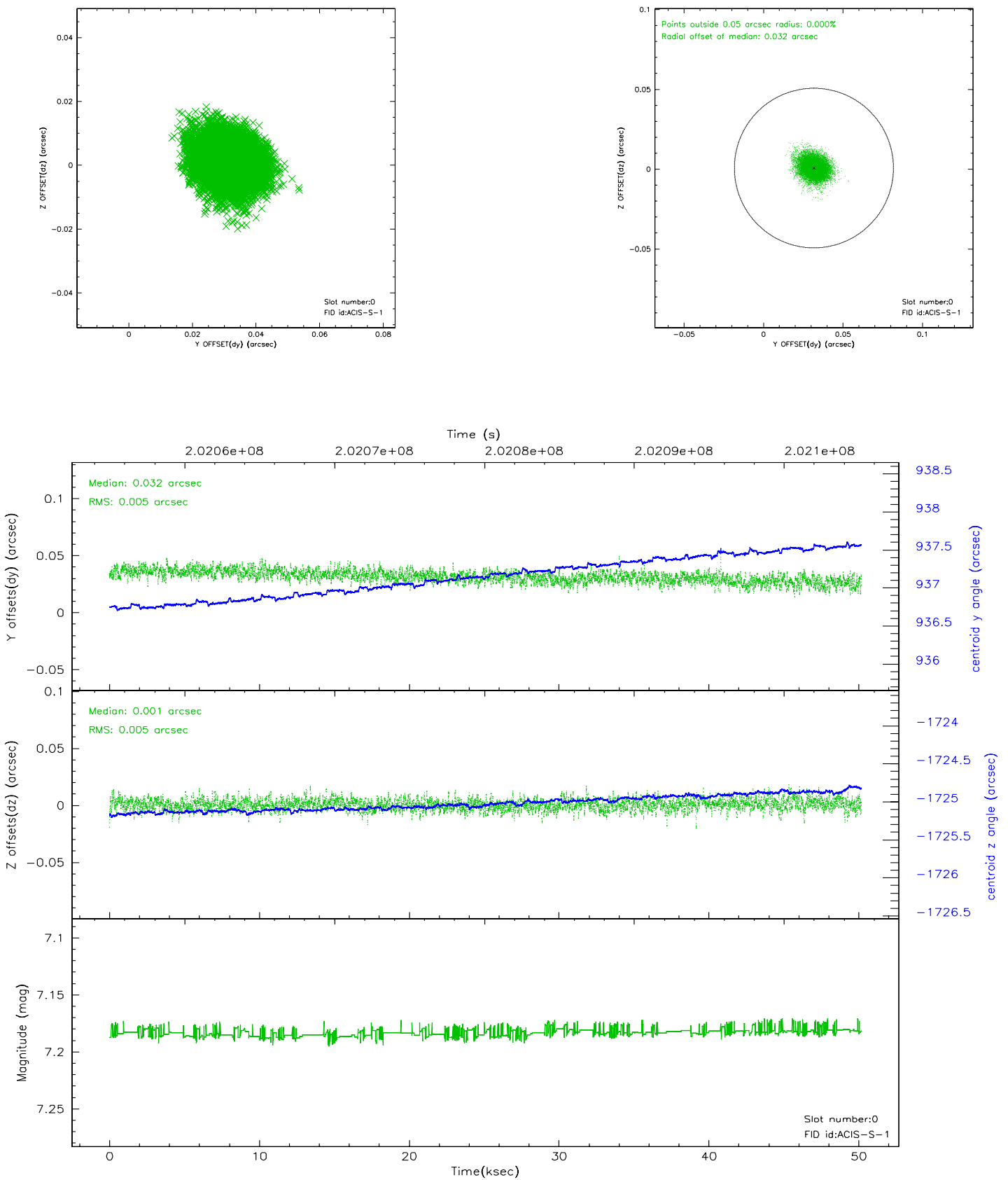


2.4.5 Slot 7

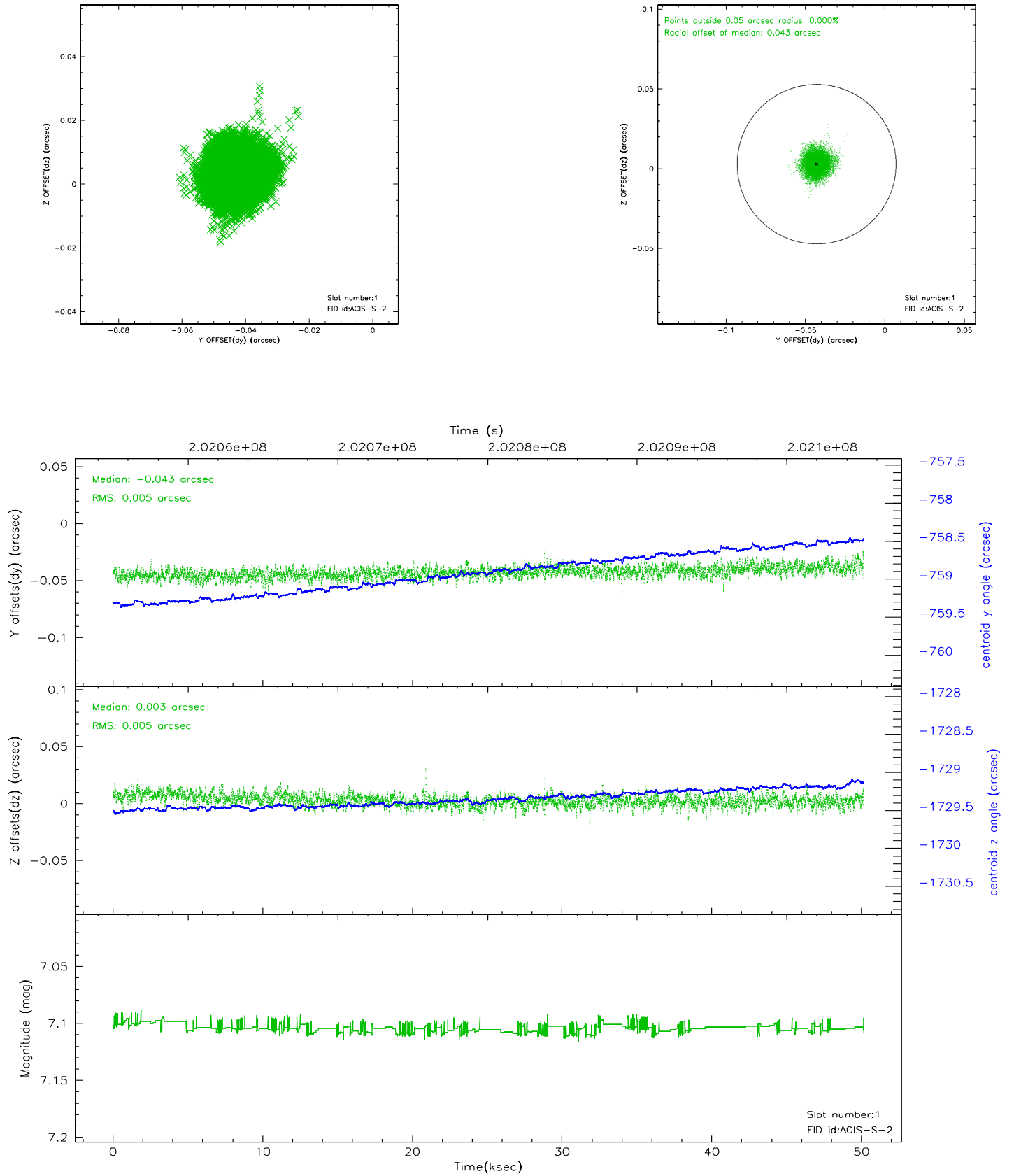


2.5 FID Slots

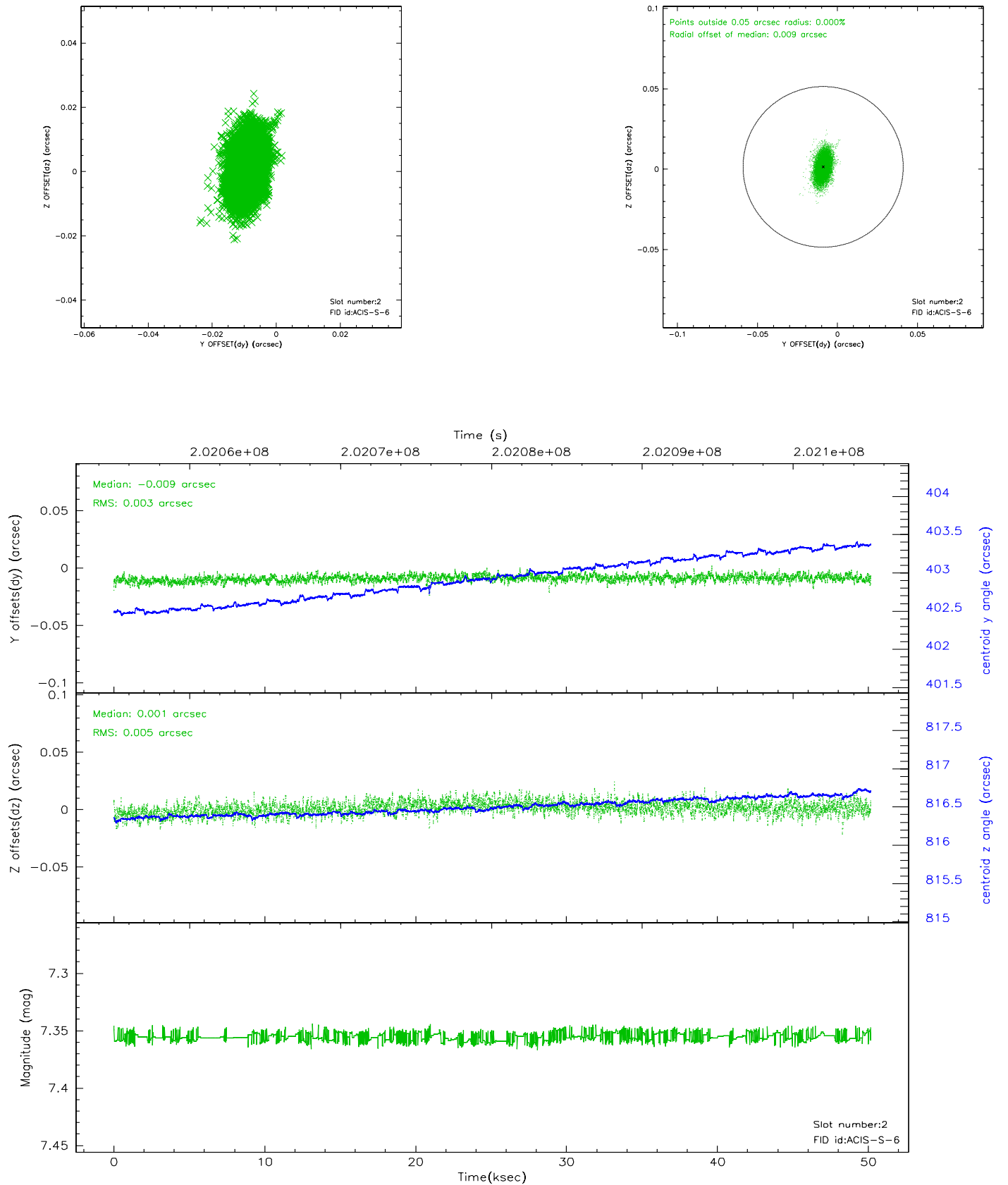
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2008.04.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	50.178

A.2 Comments