

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1886 - L2 Version 001
Chandra X-Ray Center

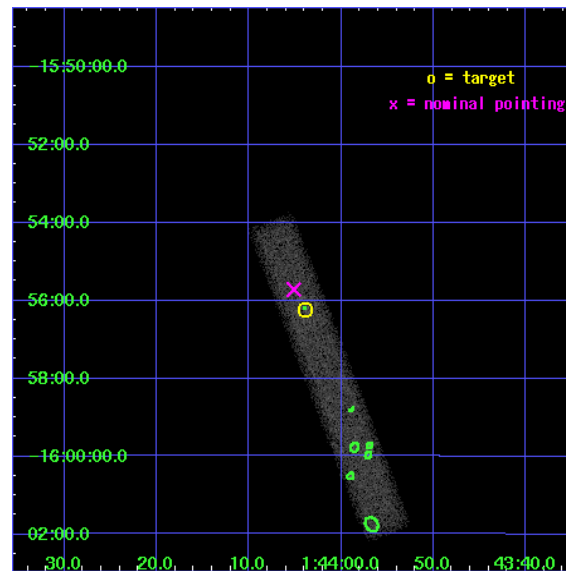
L2 Processing Date : Jan 3 2007

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1 Front

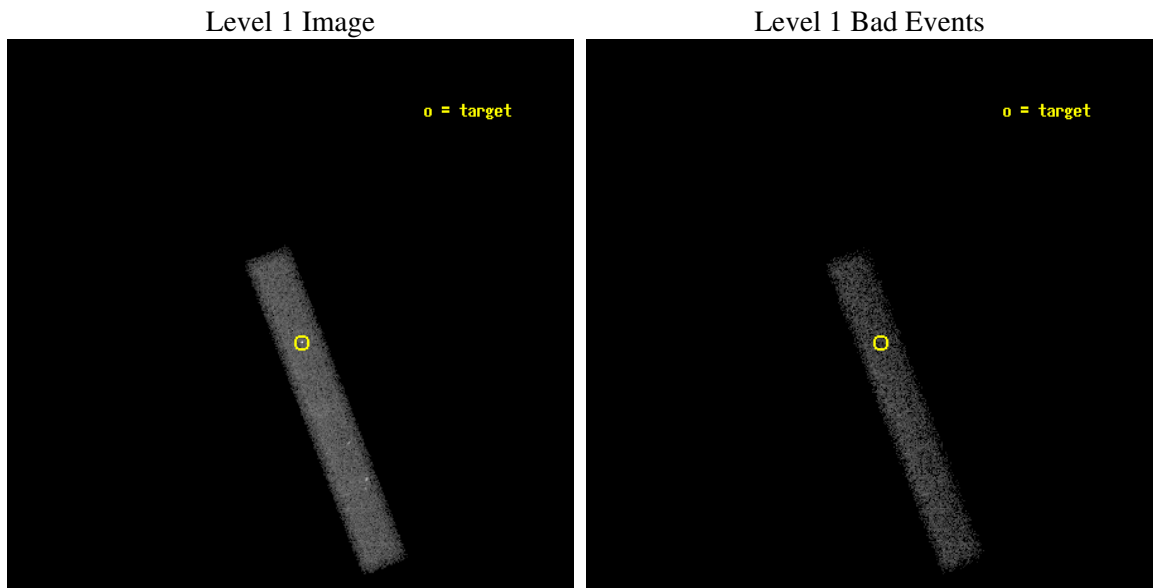
seq_num	200114
obs_id	1886
title	WHEN THE DYNAMO SPUTTERS:THE CORONA OF A AN EXTREMELY INACTIVE (MAUNDER MINIMUM?) STAR
observer	Dr. Steven Saar
object	TAU CETI
dtcycle	0
cycle	P
ra_targ	26.016183
dec_targ	-15.937069
ra_nom	26.021451180326
dec_nom	-15.92874009142
roll_nom	68.877331162762
revision	2
ontime	50158.400747418
livetime	45491.021900434
ontime7	50158.400747418
l2events	24611



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2007-01-03T16:07:57
revision	2

sched_exp_time	50000.000000
ontime	51187.776764527
ontime7	51187.776764527
l1events	57944

2.1.4 Events

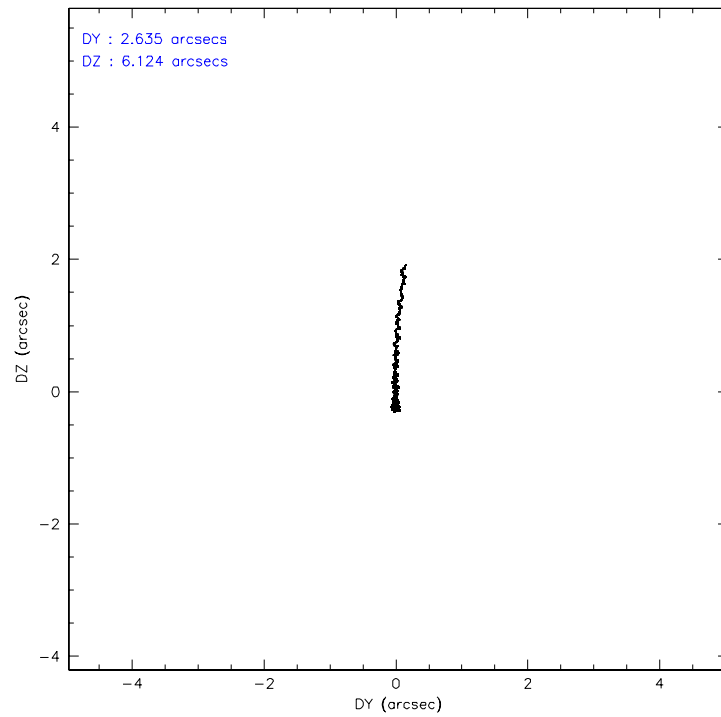
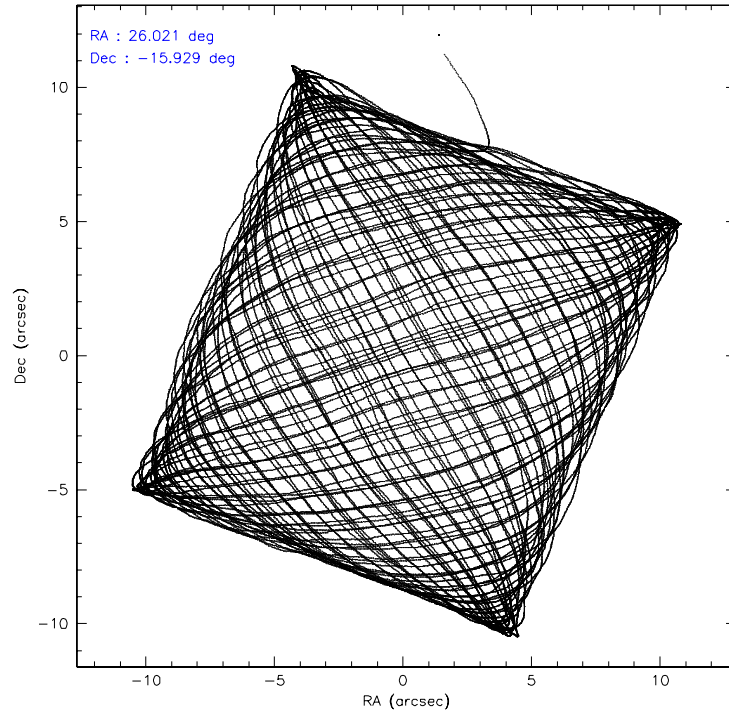
	ccd 7
level 1 events	57944
rejected events	32243
rejected %	55%

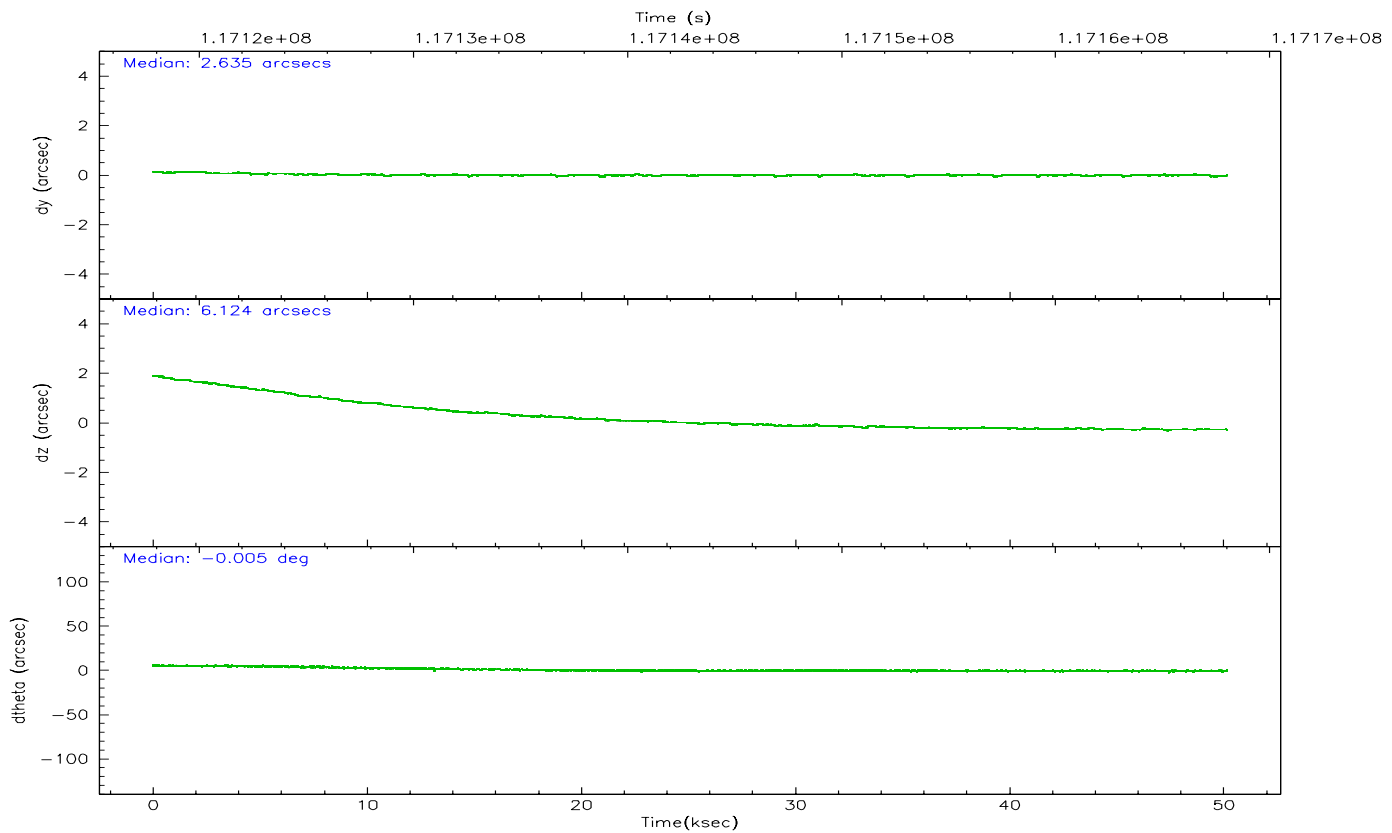
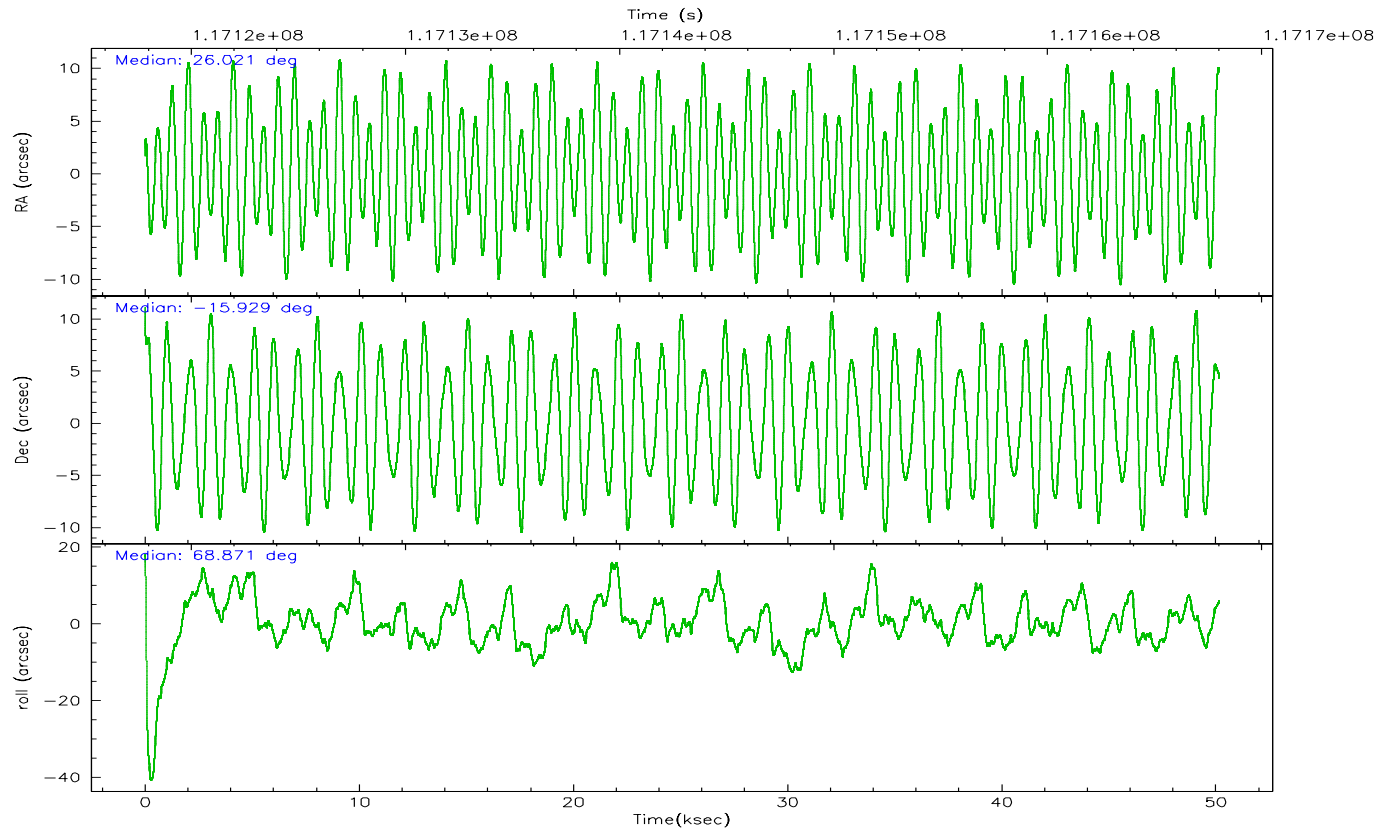
	ccd 7
grade 0 events	2565
	4%
grade 1 events	39
	0%
grade 2 events	5814
	10%
grade 3 events	2829
	4%
grade 4 events	2649
	4%
grade 5 events	4021
	6%
grade 6 events	12357
	21%
grade 7 events	27670
	47%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	26.026144	26.02145118032604	Subarray requested	1/8	1/8
Pointing Dec	-15.955650	-15.92874009141961	Subarray start row	0	449
Pointing Roll	68.721981	68.87733116276169	Subarray row count	1024	128
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	0.4
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	117118005.184000	117116818.31105			
Observation start date	2001-09-17T12:45:41	2001-09-17T12:26:58			
Observation end time	117168005.184000	117168575.6881			
Observation end date	2001-09-18T02:39:01	2001-09-18T02:49:35			
Read mode	TIMED	TIMED			

2.3 Aspect



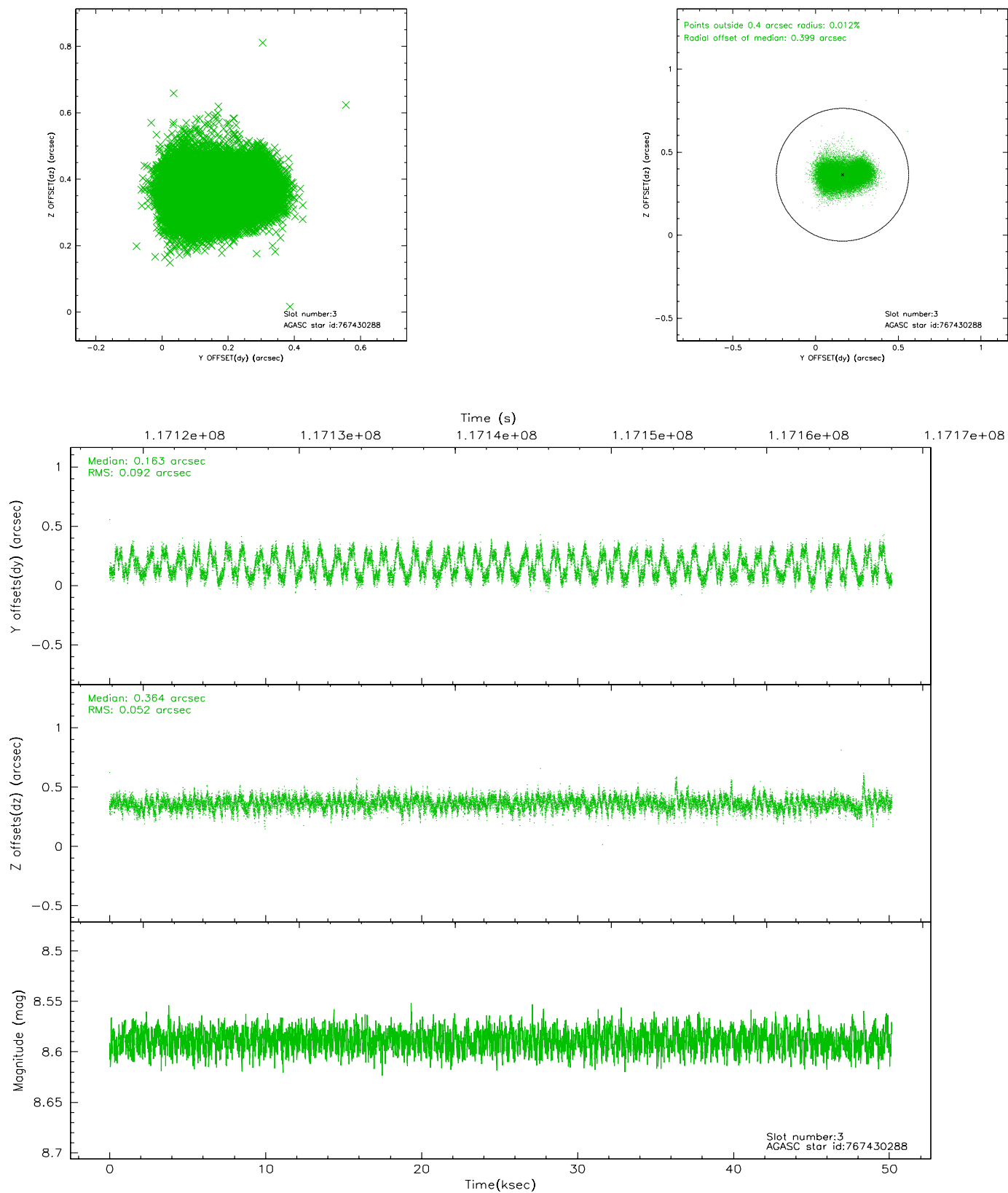


Slot Statistics

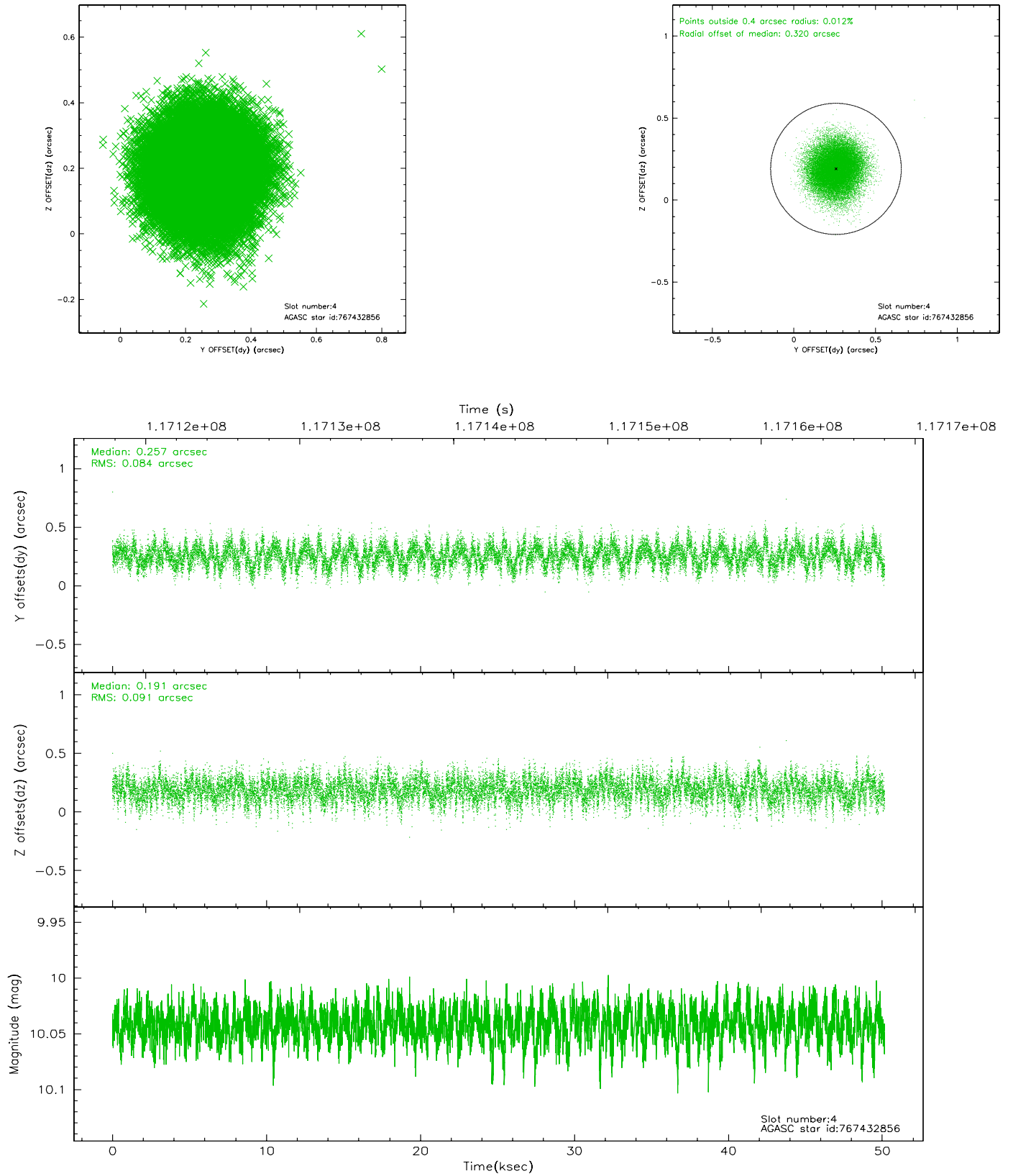
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	12234	-0.019	0.025	0.013	0.028	0.000000	0.000000	-755.26	-1727.53
1	FID	ACIS-S-4	7.20	12234	-0.078	0.001	0.012	0.020	0.000000	0.000000	2157.93	181.00
2	FID	ACIS-S-5	7.24	12234	0.061	-0.020	0.016	0.029	0.000000	0.000000	-1808.08	174.55
3	GUIDE	767430288	8.59	24464	0.163	0.364	0.116	0.169	26.318206	-15.895676	567.48	-864.82
4	GUIDE	767432856	10.04	24376	0.257	0.191	0.134	0.210	26.332360	-16.482695	-1385.01	-1674.40
5	GUIDE	767438112	10.48	24373	0.250	0.441	0.195	0.304	26.615444	-16.303718	-431.15	-2353.37
6	GUIDE	767429560	10.63	23965	-0.116	0.023	0.242	0.441	25.378852	-15.881113	-567.00	2183.96
7	BAD	767431952	11.41	23311	-0.543	-1.091	0.454	0.687	26.175537	-15.707739	1019.15	-158.30

2.4 Star Slots

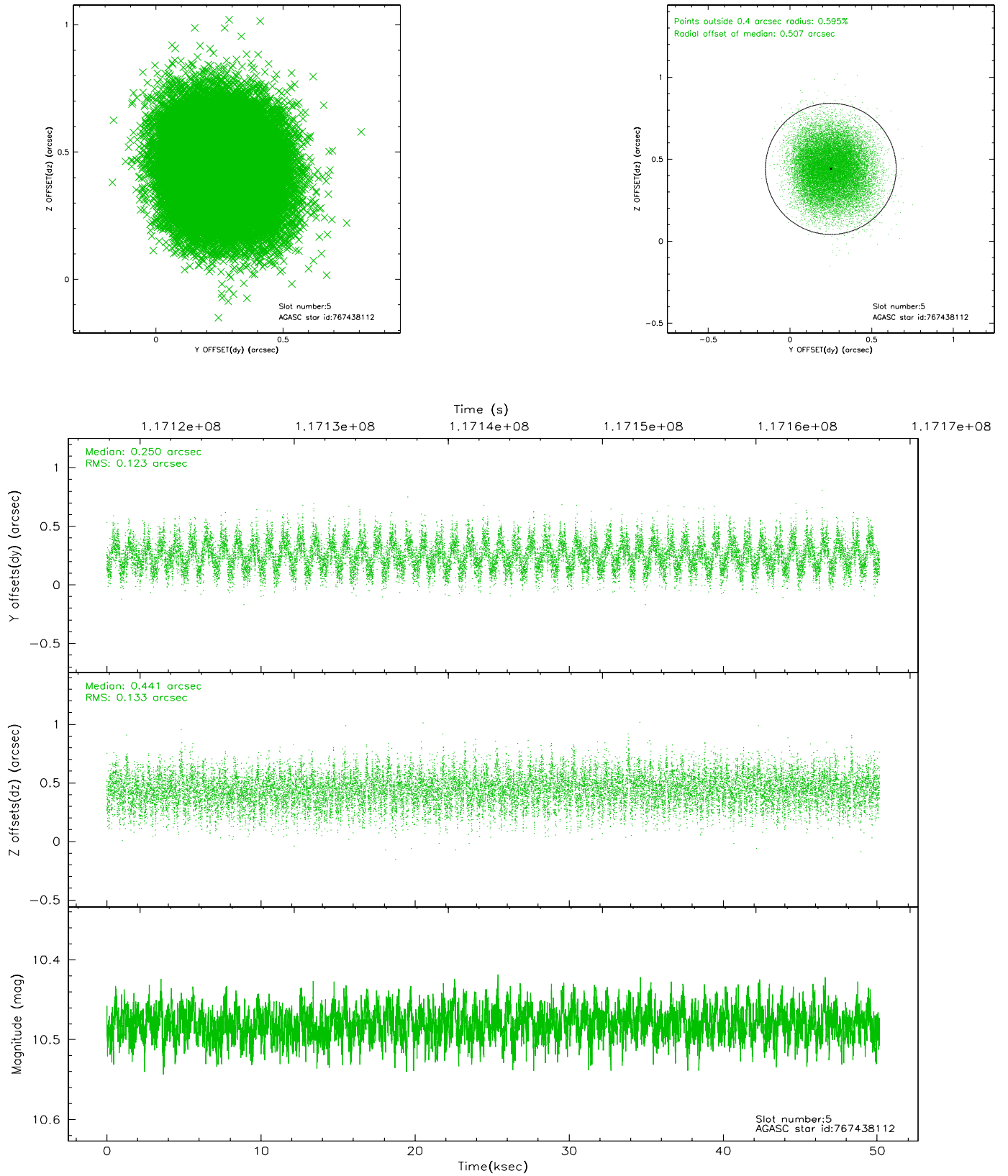
2.4.1 Slot 3



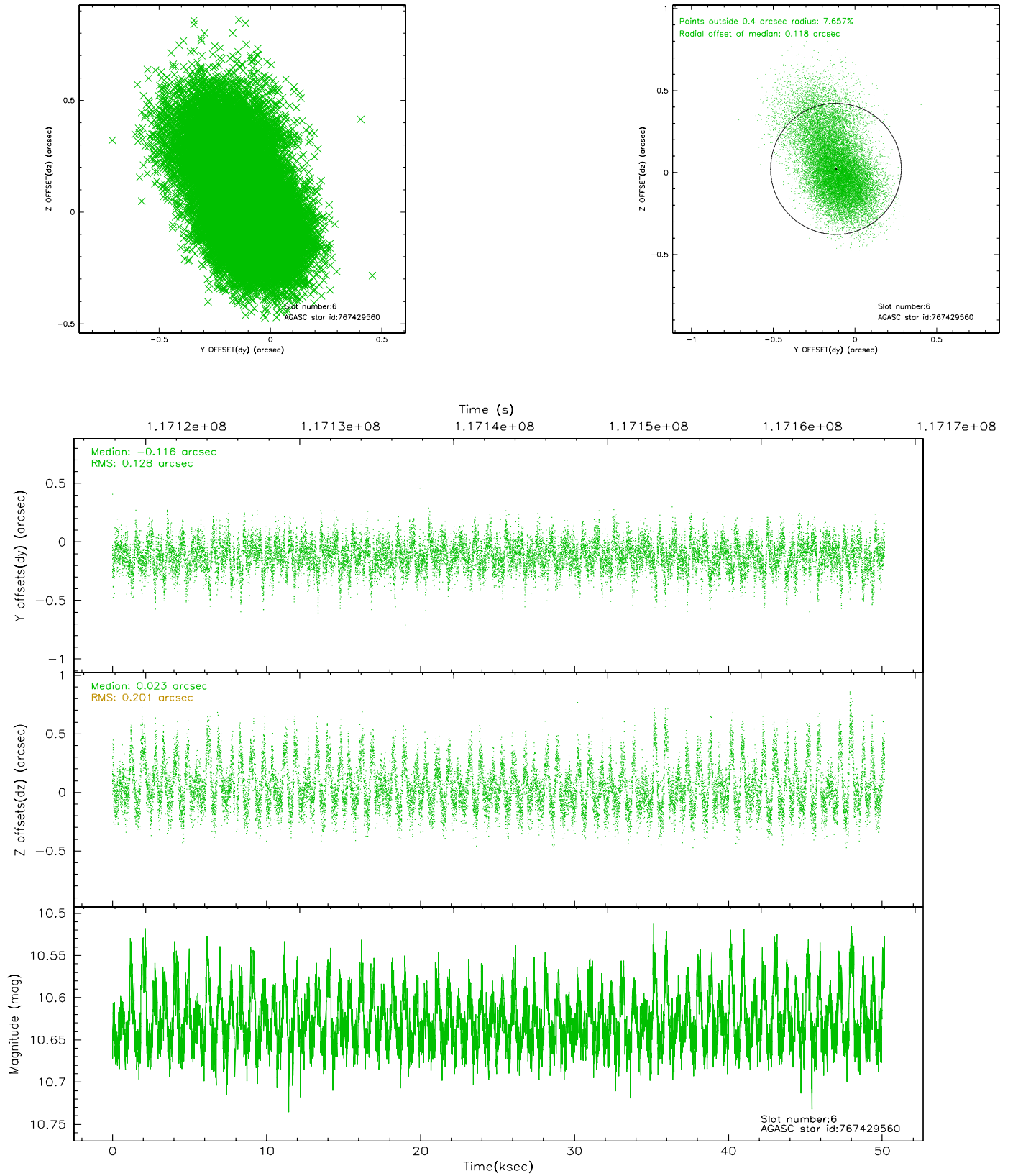
2.4.2 Slot 4



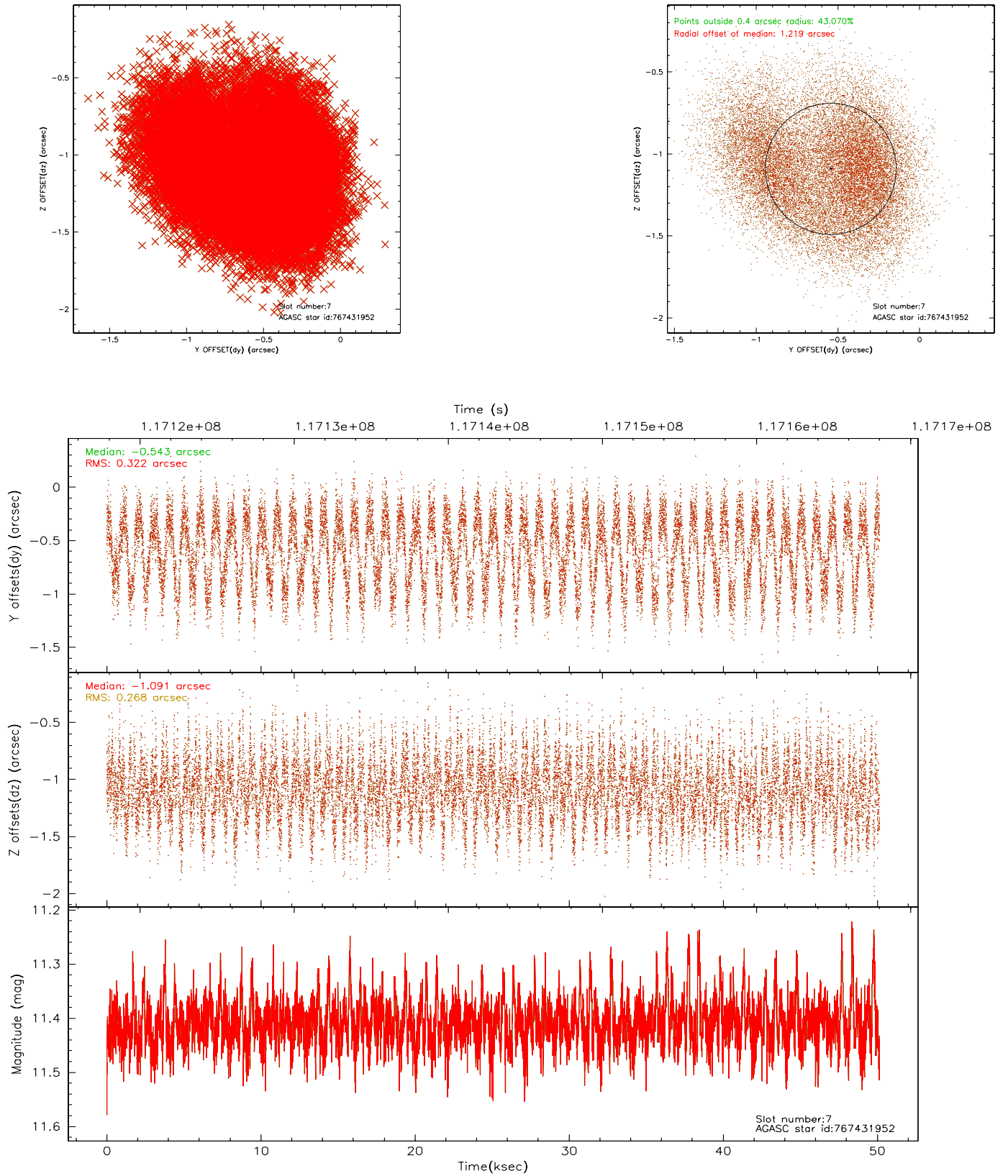
2.4.3 Slot 5



2.4.4 Slot 6

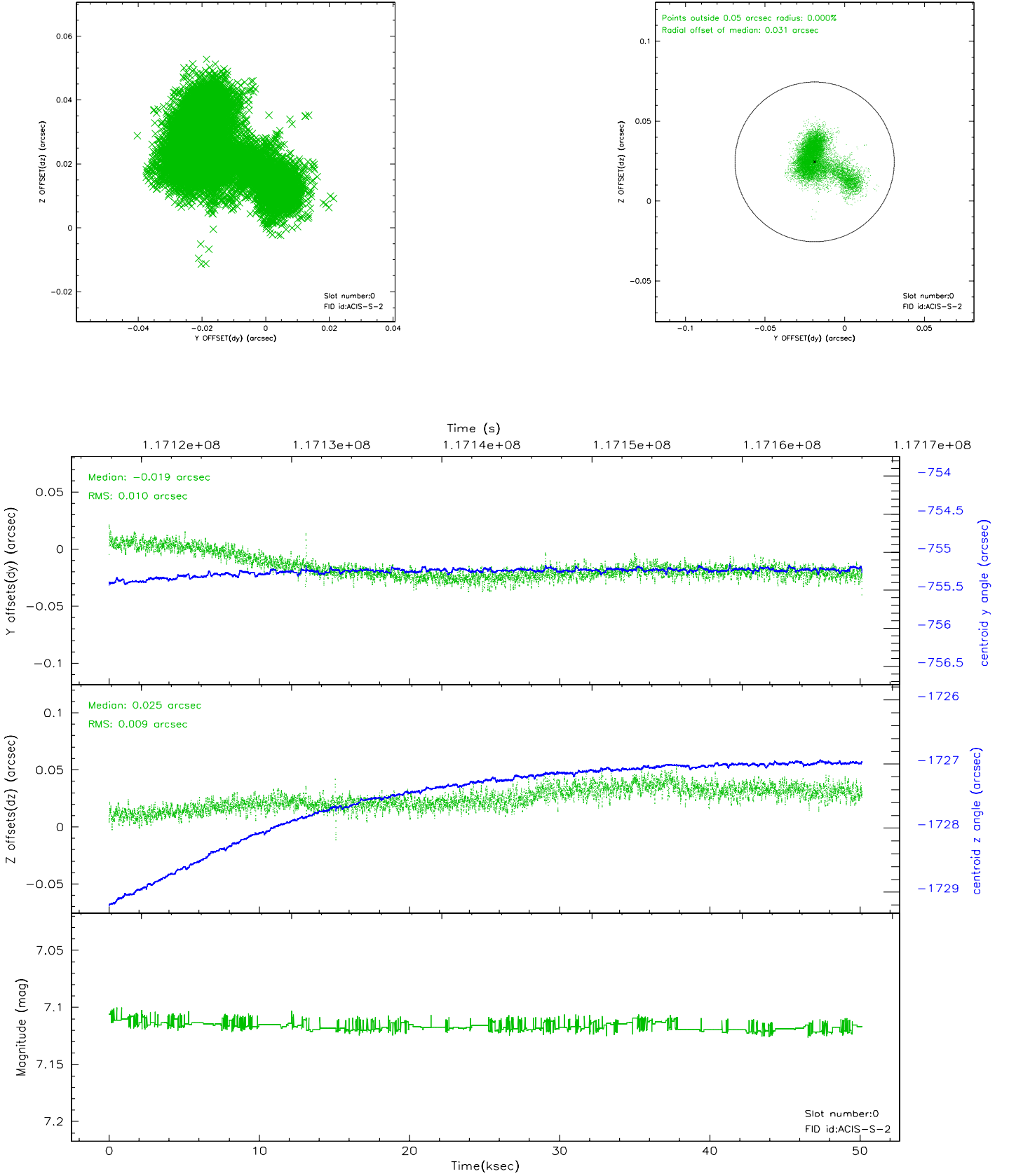


2.4.5 Slot 7

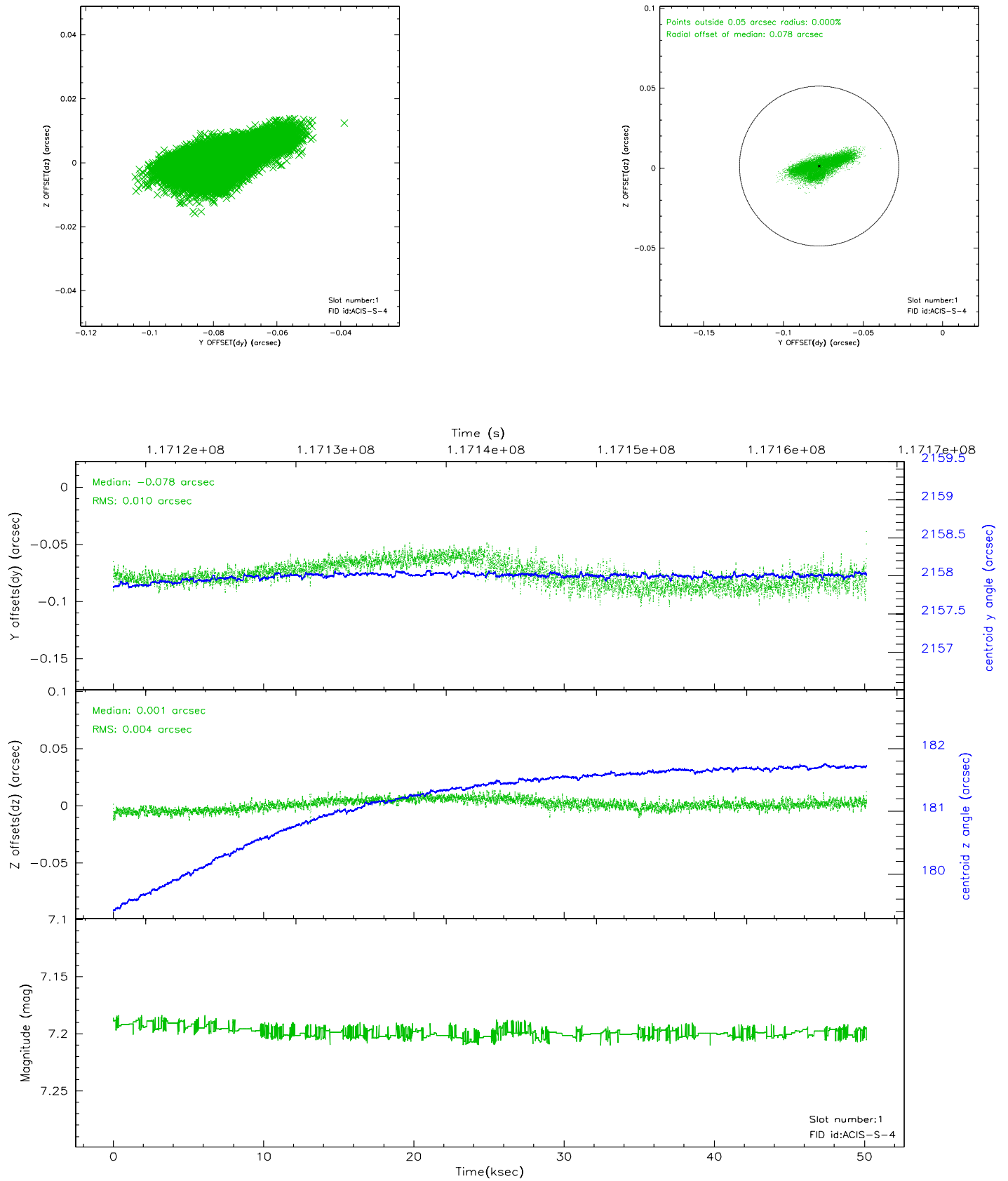


2.5 FID Slots

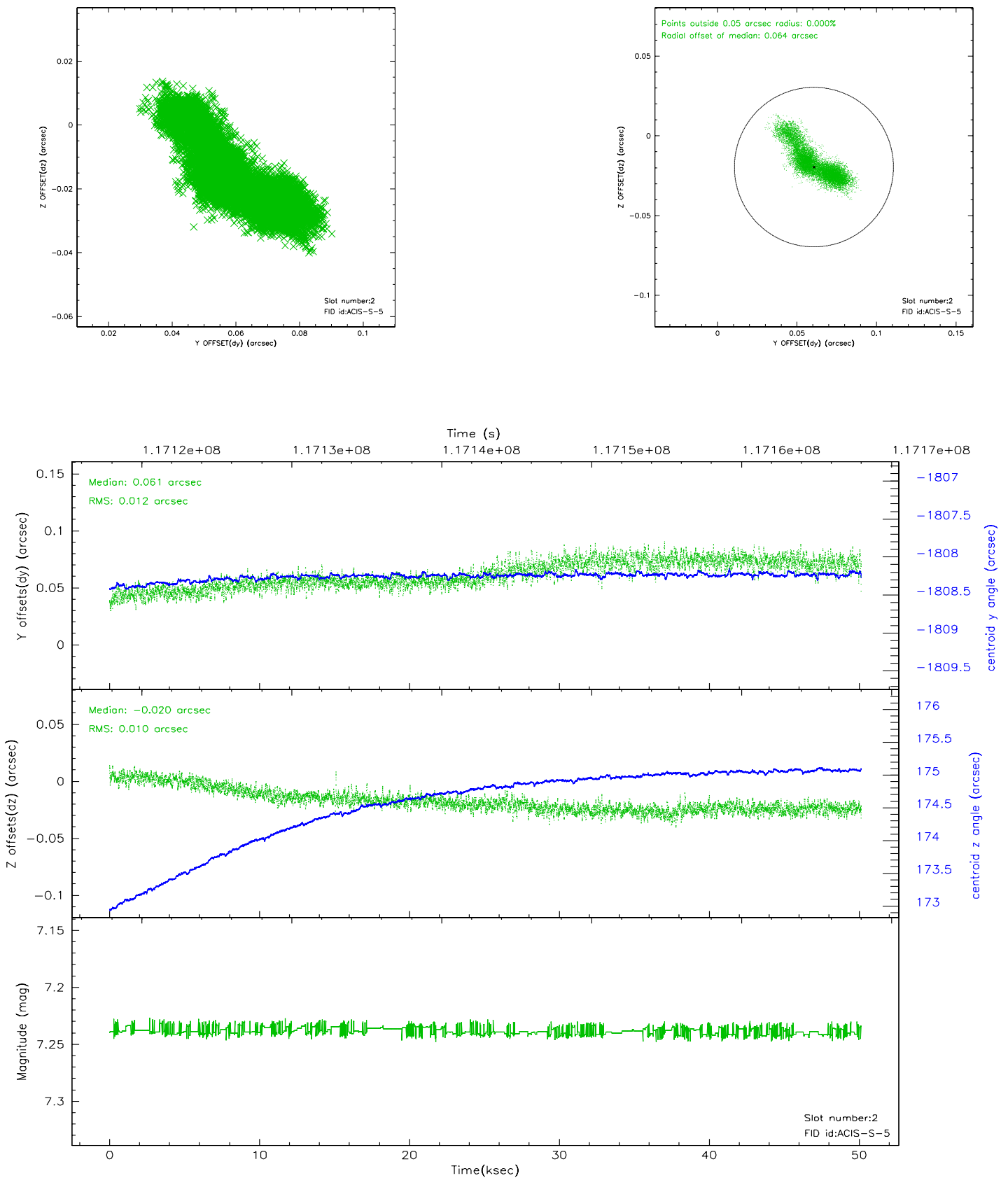
2.5.1 Slot 0



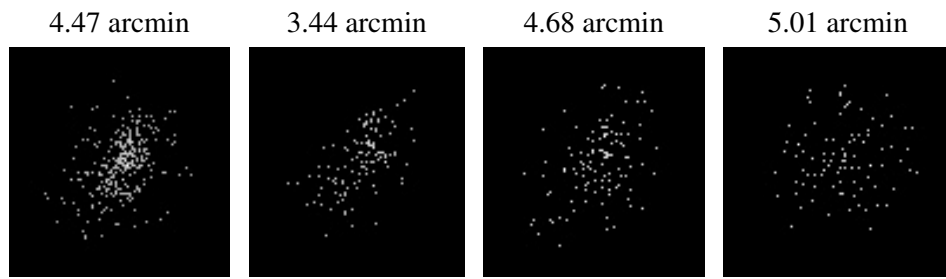
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.01.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	50.15

A.2 Comments

The guide star in slot 7 was removed from the aspect solution due to poor data quality. The aspect solution is not expected to be degraded by removing one guide star or fid light from the solution.