

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 5320 - L2 Version 001
Chandra X-Ray Center

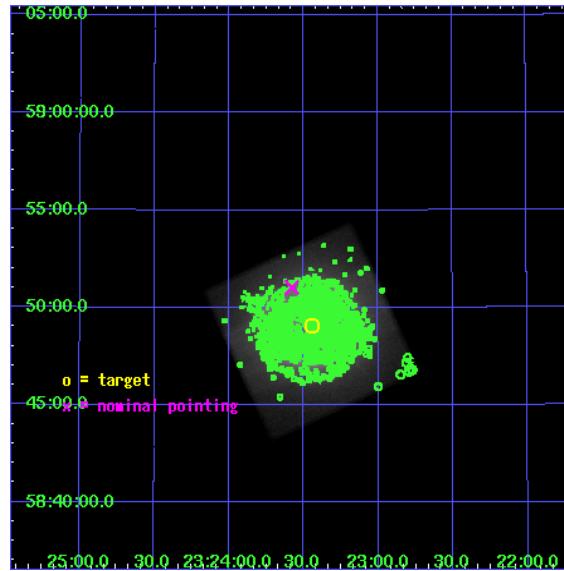
L2 Processing Date : May 22 2006

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1 Front

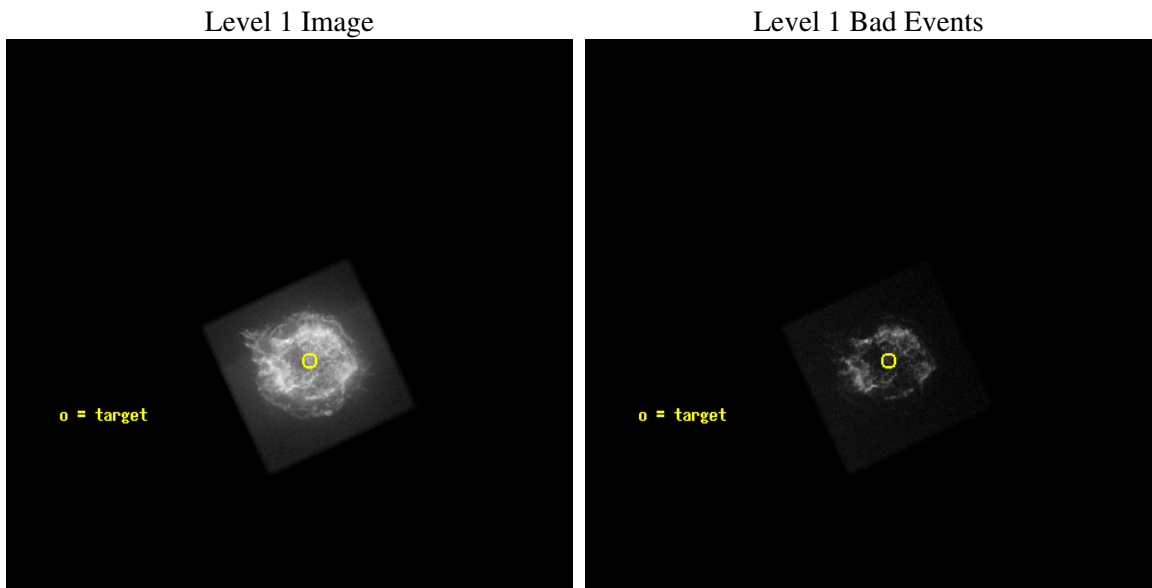
seq_num	500459
obs_id	5320
title	The Cassiopeia A Explosion: Getting at the Core Issues
observer	Dr Una Hwang
object	Cassiopeia A
dtcycle	0
cycle	P
ra_targ	350.86125
dec_targ	58.8175
ra_nom	350.89468225626
dec_nom	58.850638480191
roll_nom	65.135850961465
revision	2
ontime	55110.0
livetime	54366.269434141
ontime7	55110.0
l2events	16298604



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-05-22T16:34:16
revision	2

sched_exp_time	55000.000000
ontime	56340.653934509
ontime7	56340.653934509
l1events	17537017

2.1.3 Events

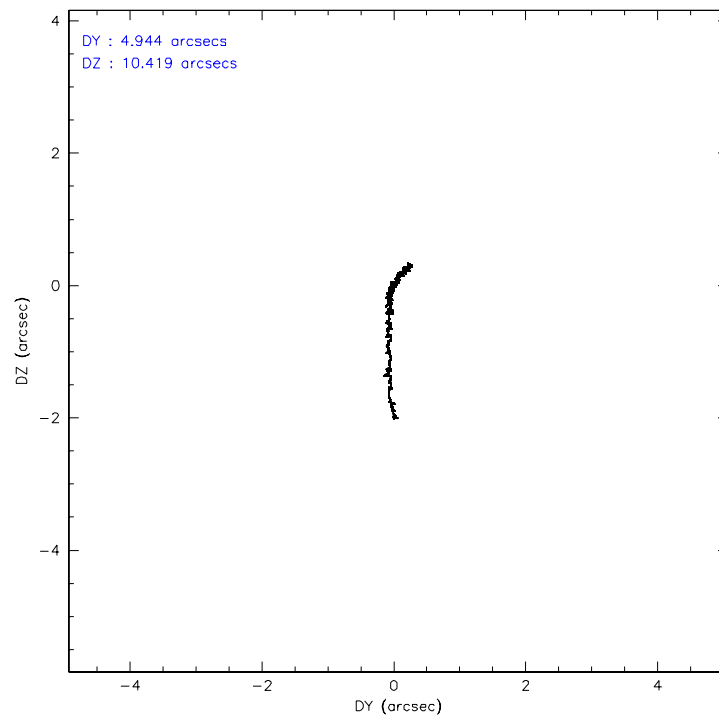
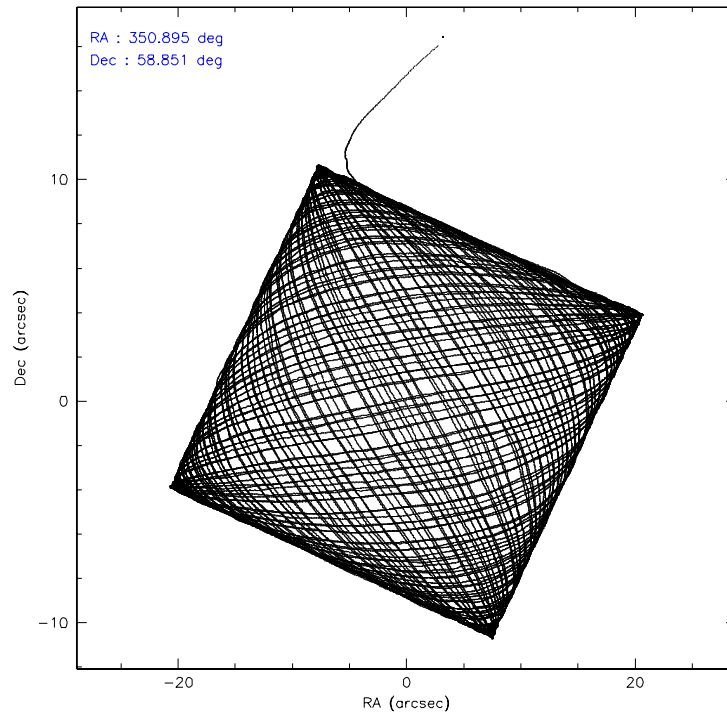
	ccd 7
level 1 events	17537017
rejected events	1065834
rejected %	6%

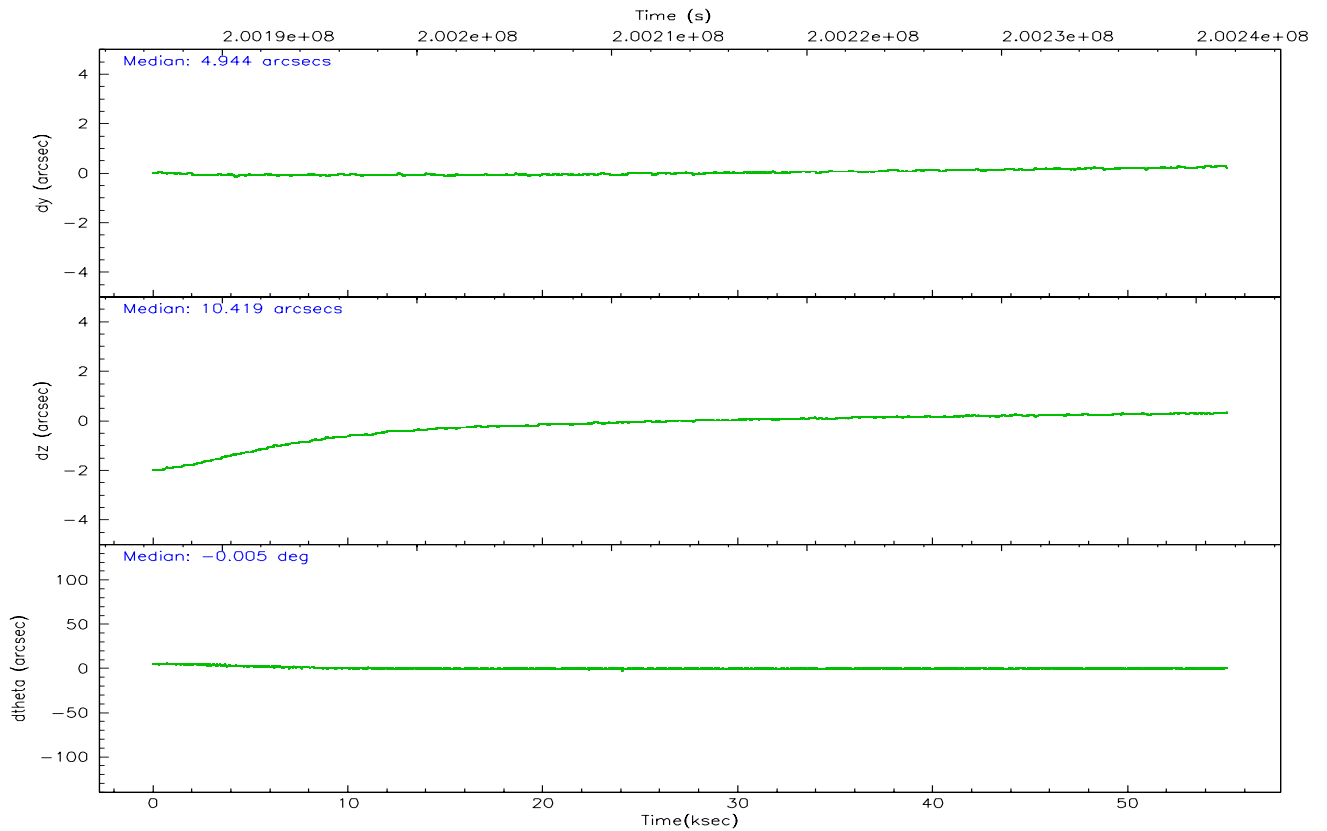
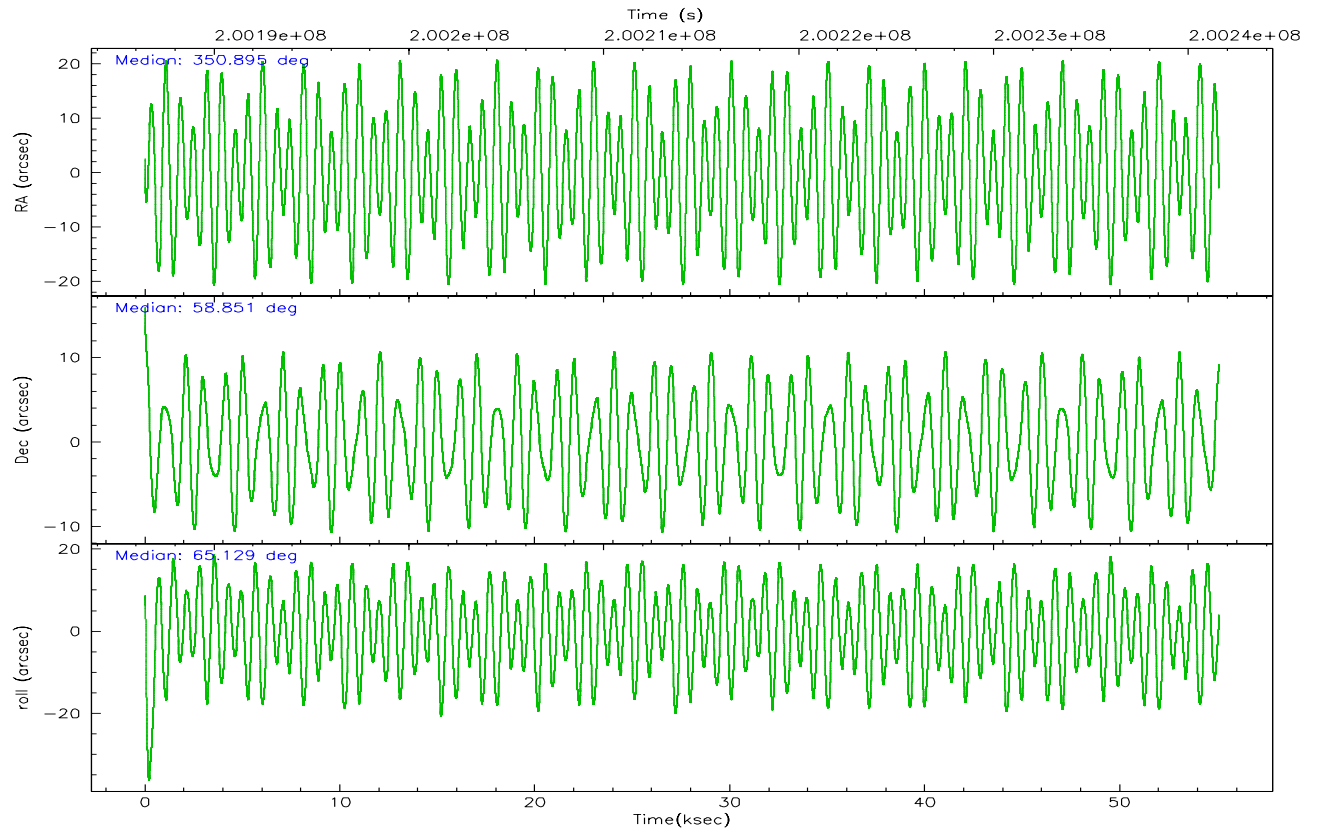
	ccd 7
grade 0 events	3707491
	21%
grade 1 events	65809
	0%
grade 2 events	4832393
	27%
grade 3 events	1780780
	10%
grade 4 events	1755726
	10%
grade 5 events	305382
	1%
grade 6 events	4476153
	25%
grade 7 events	613283
	3%

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	GRADED	GRADED	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	350.900109	350.89468225626	Alternating exposures requested	N	N
Pointing Dec	58.823568	58.8506384801906	Primary exposure time	0.000000	3
Pointing Roll	64.974577	65.13585096146481			
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	200186581.184000	200185239.76239			
Observation start date	2004-05-05T23:21:57	2004-05-05T23:00:39			
Observation end time	200241581.184000	200242484.47741			
Observation end date	2004-05-06T14:38:37	2004-05-06T14:54:44			
Read mode	TIMED	TIMED			

2.3 Aspect



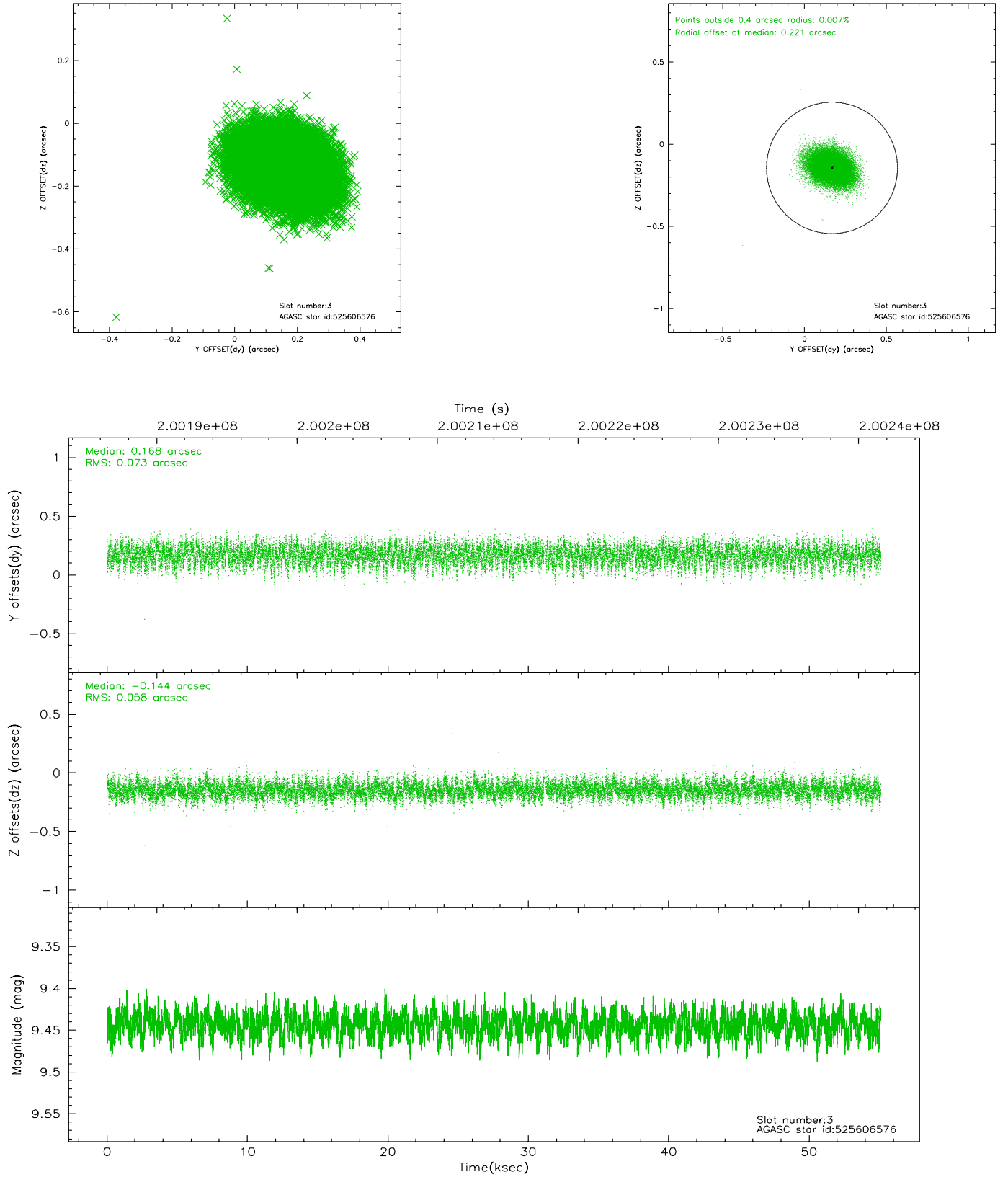


Slot Statistics

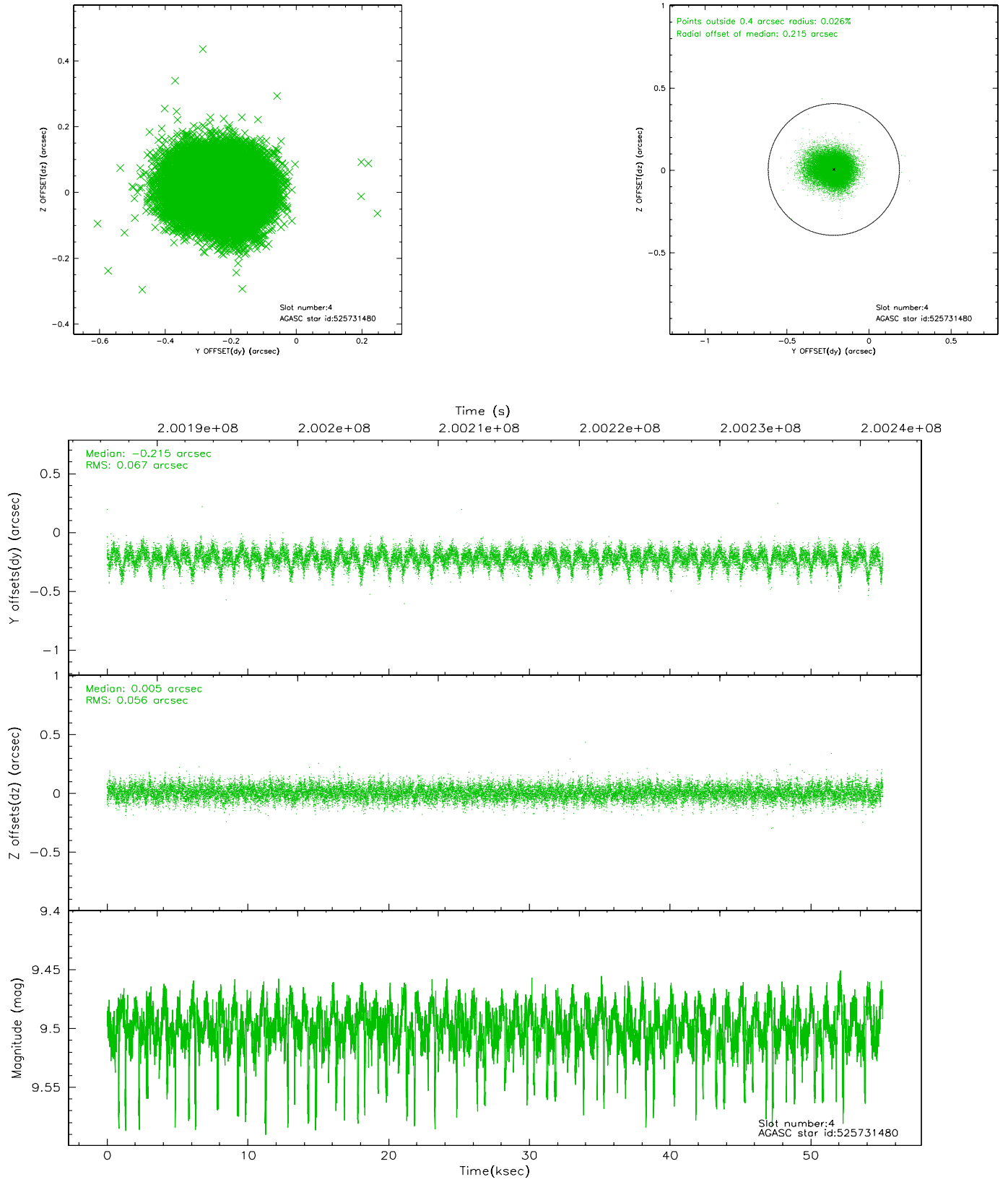
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	13442	-0.056	-0.003	0.009	0.030	0.000000	0.000000	-757.70	-1731.47
1	FID	ACIS-S-4	7.20	13441	0.072	0.028	0.007	0.013	0.000000	0.000000	2155.69	177.12
2	FID	ACIS-S-5	7.23	13444	-0.048	-0.017	0.010	0.032	0.000000	0.000000	-1810.61	170.65
3	GUIDE	525606576	9.44	26806	0.168	-0.144	0.099	0.162	349.543555	58.678895	-1522.53	2090.82
4	GUIDE	525731480	9.50	26773	-0.215	0.005	0.091	0.156	351.647209	58.687294	153.99	-1470.28
5	GUIDE	525732232	9.12	26775	-0.027	-0.020	0.076	0.125	351.669550	58.757012	398.33	-1400.03
6	GUIDE	525732488	8.40	26877	0.063	-0.055	0.059	0.094	350.087090	58.516915	-1638.22	921.96
7	GUIDE	525732528	9.37	26866	0.022	0.216	0.096	0.154	351.607241	59.298932	2106.96	-449.99

2.4 Star Slots

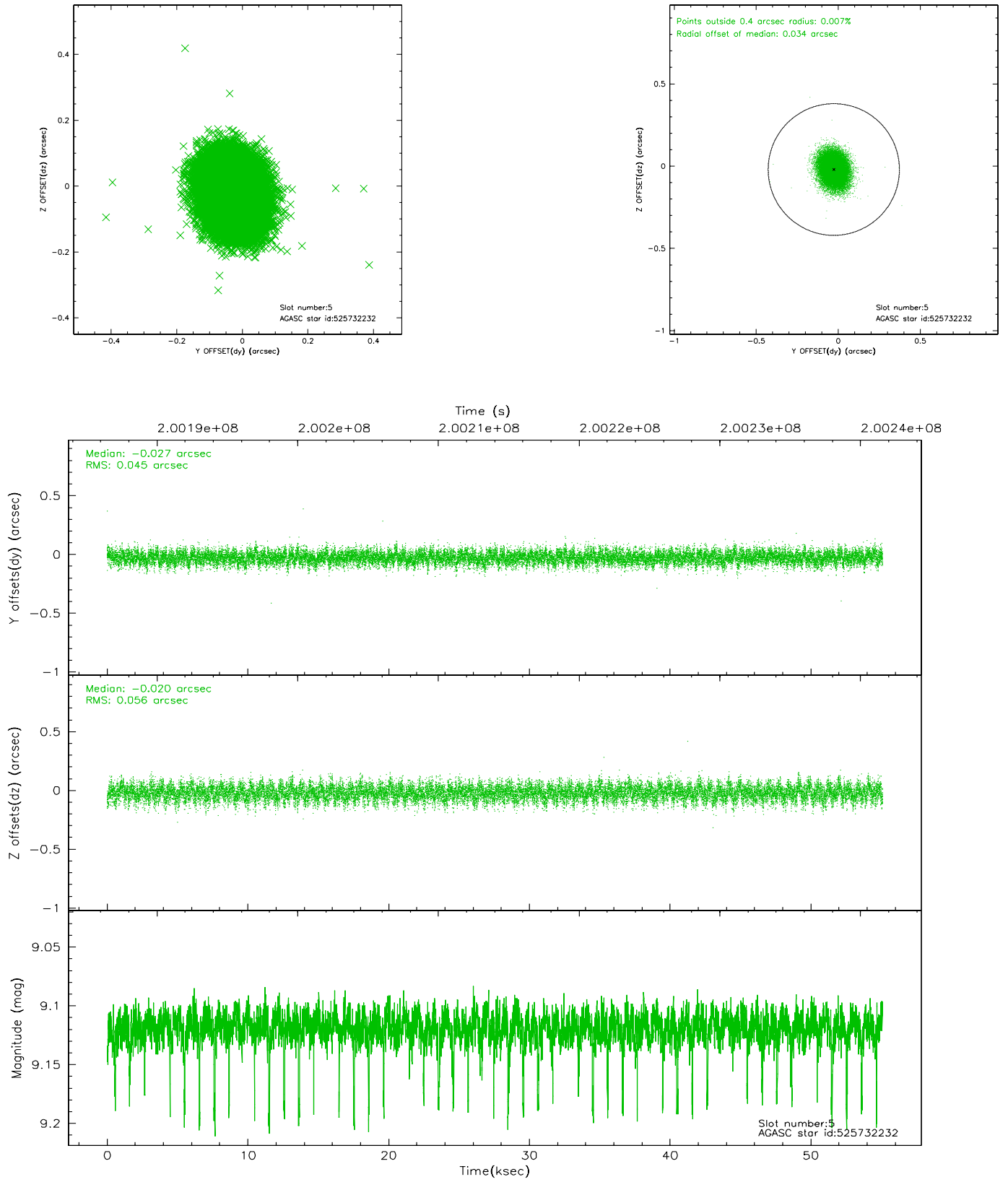
2.4.1 Slot 3



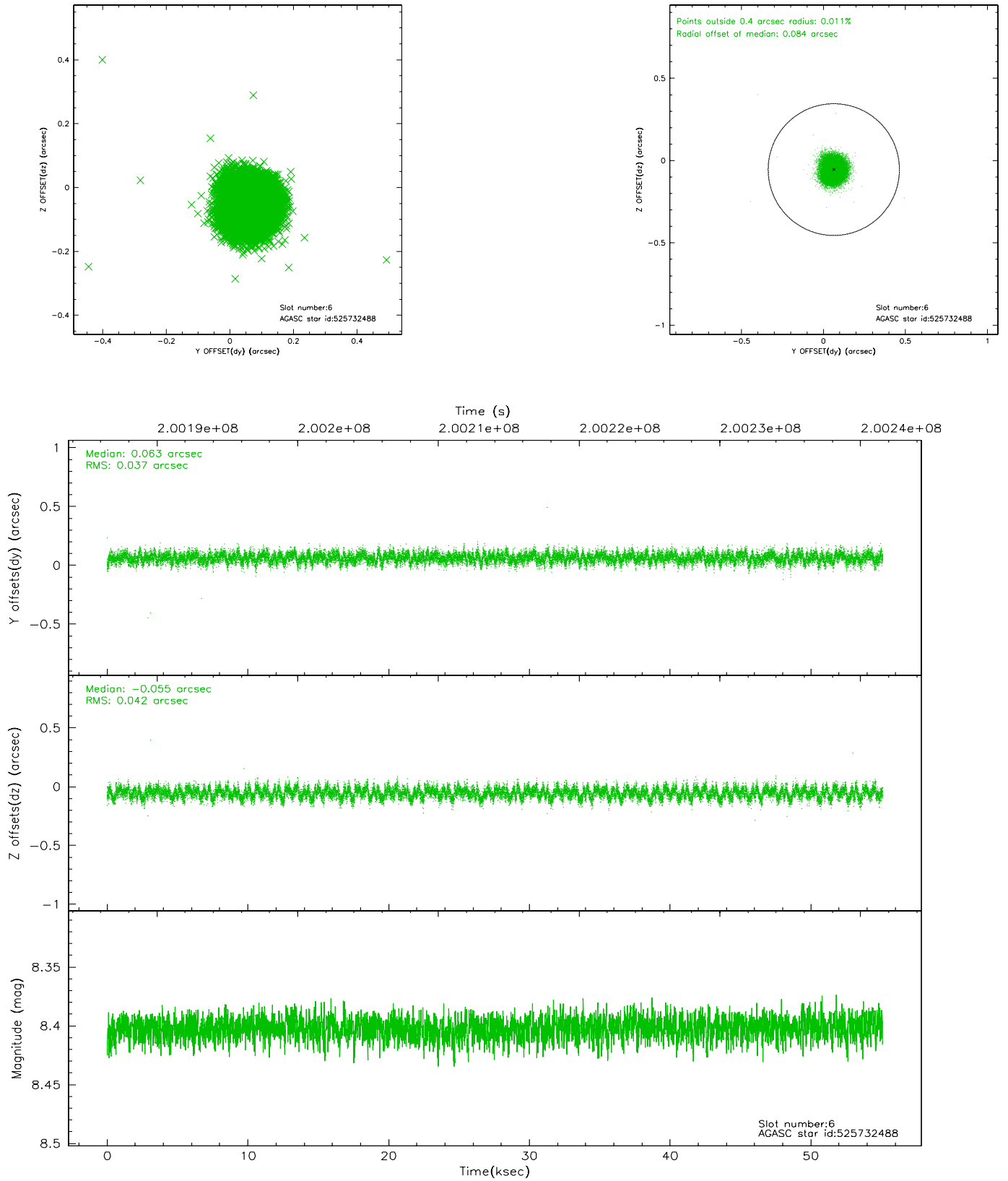
2.4.2 Slot 4



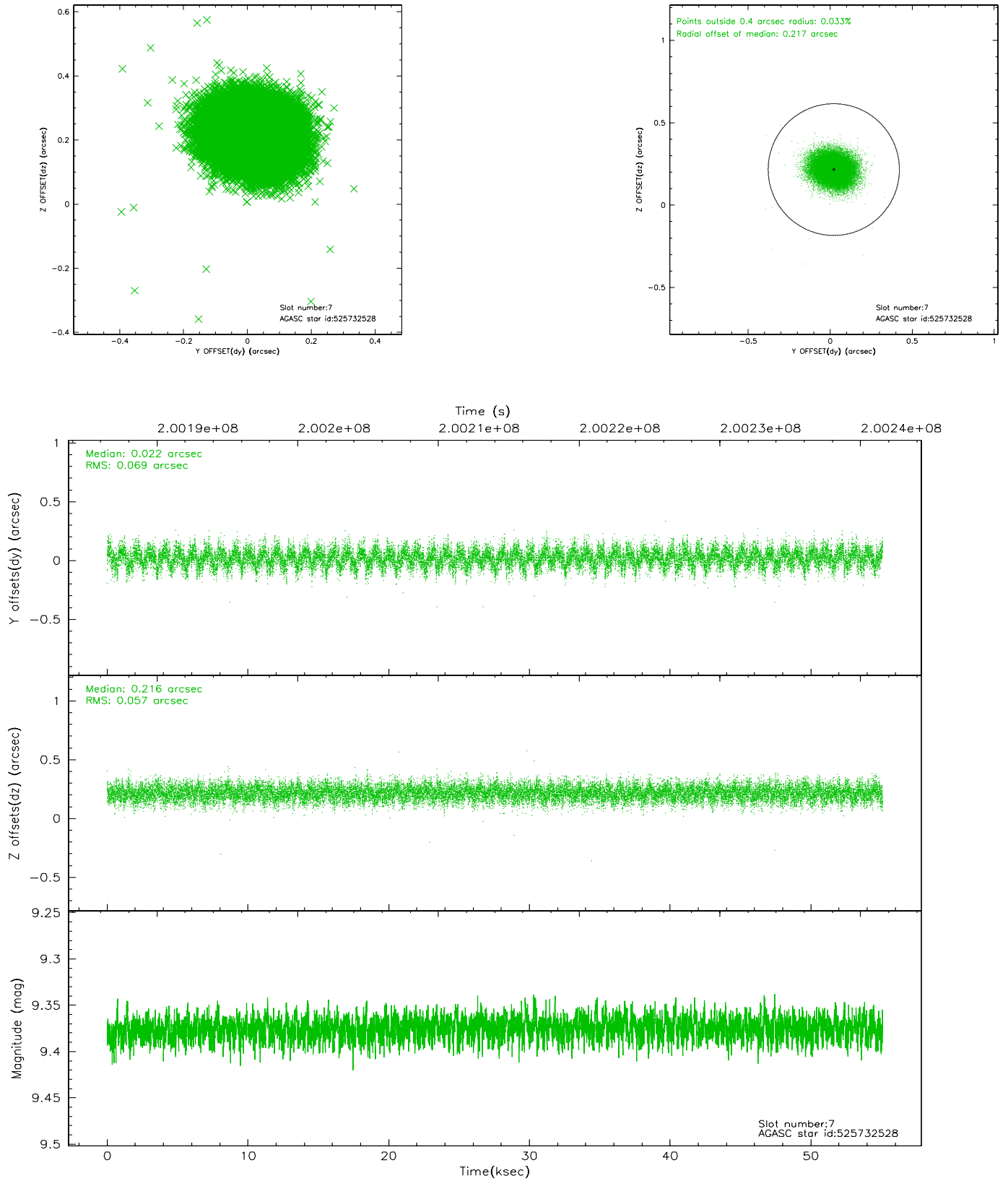
2.4.3 Slot 5



2.4.4 Slot 6

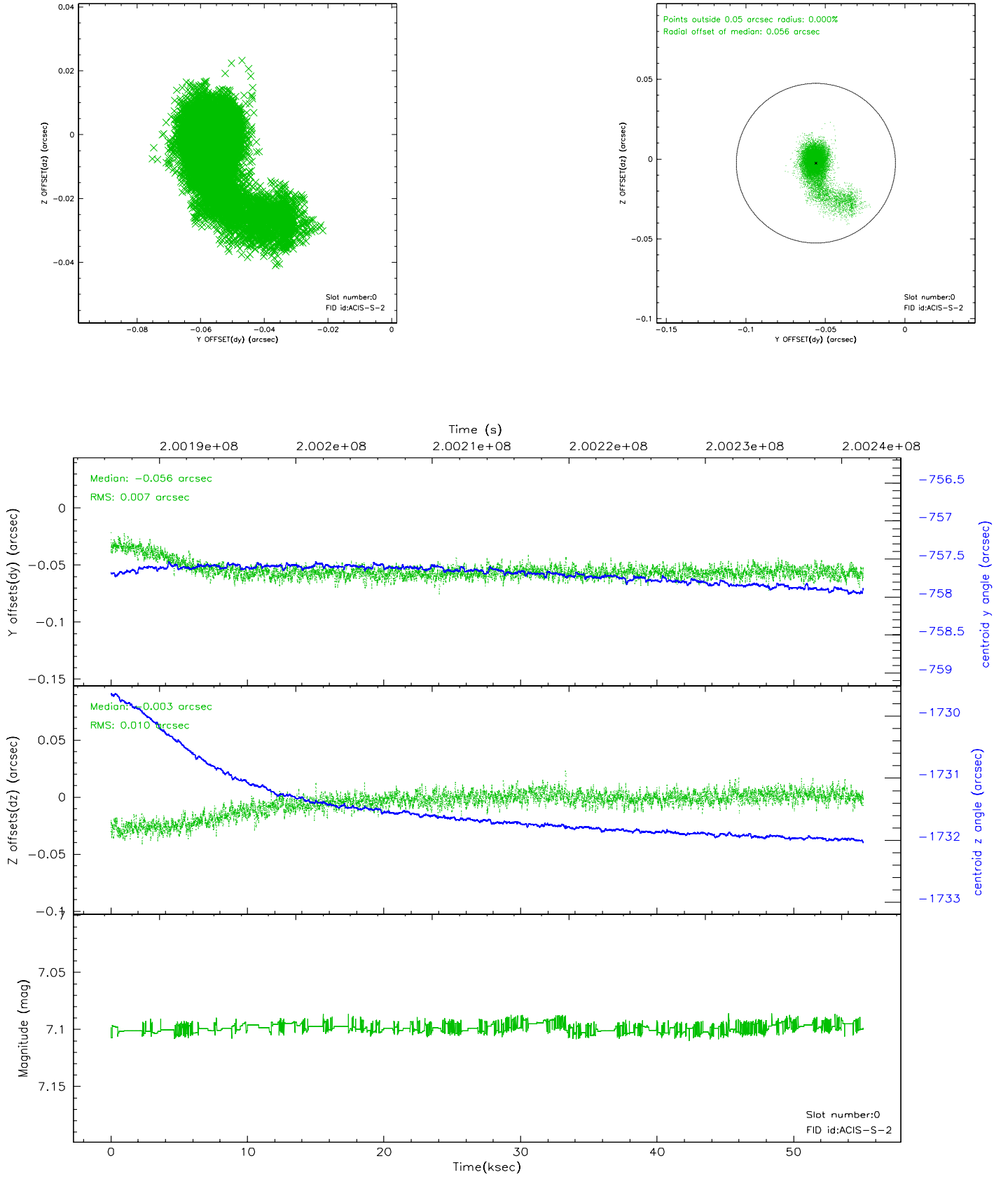


2.4.5 Slot 7

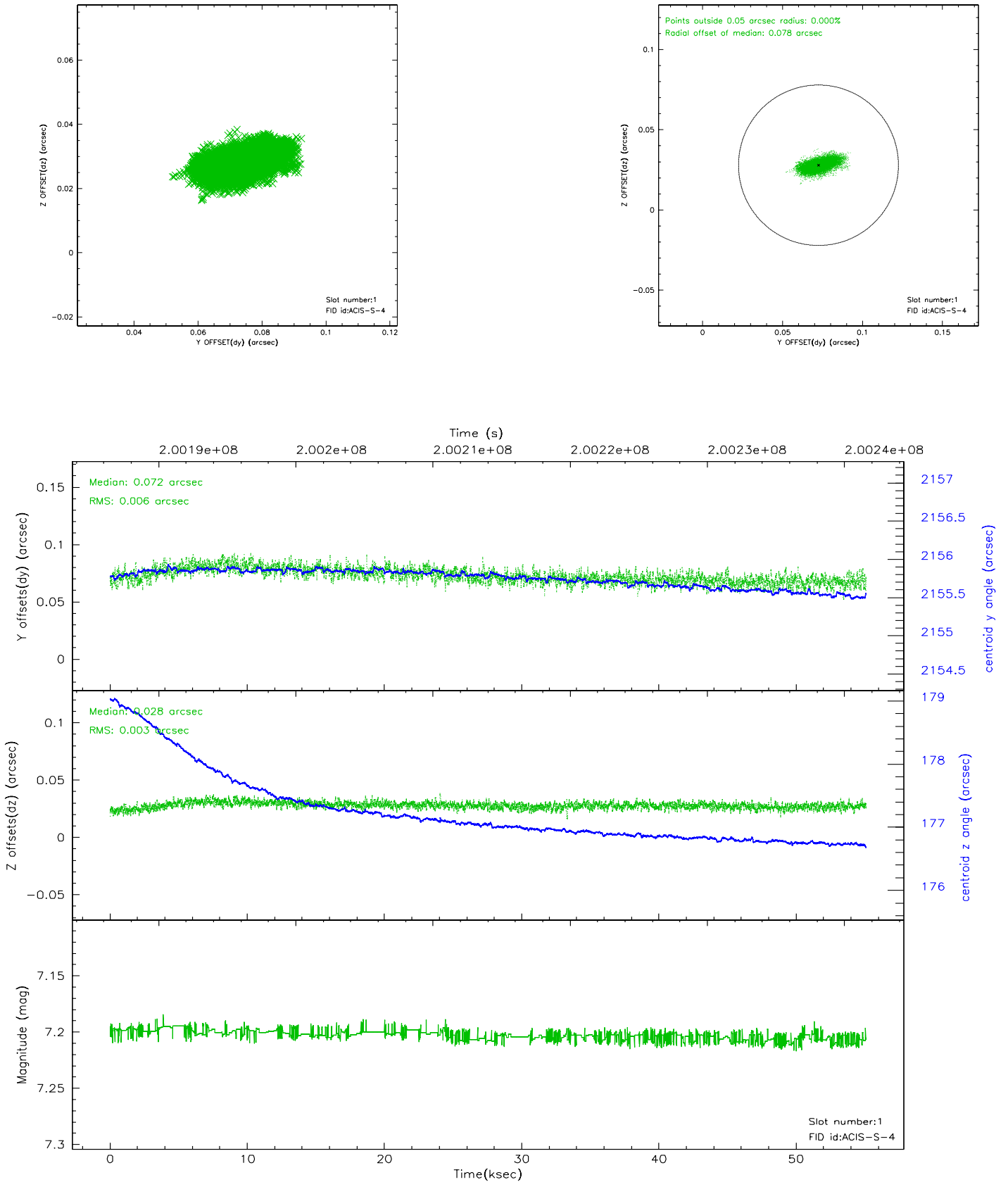


2.5 FID Slots

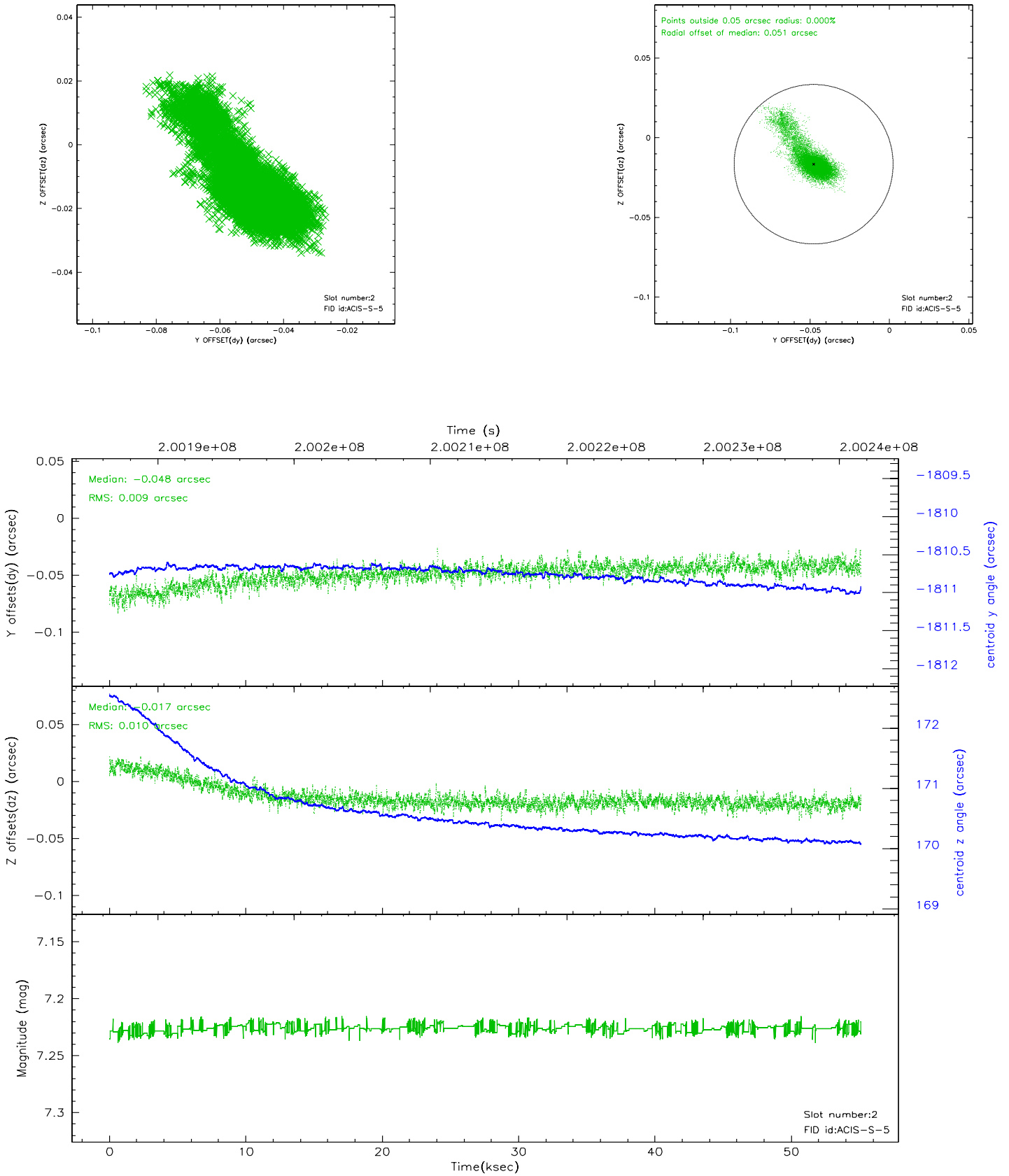
2.5.1 Slot 0



2.5.2 Slot 1

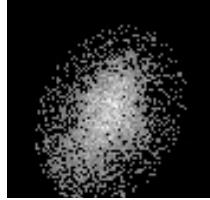


2.5.3 Slot 2



3 Point Sources

2.49 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.05.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	55.11

A.2 Comments