

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3807 - L2 Version 001
Chandra X-Ray Center

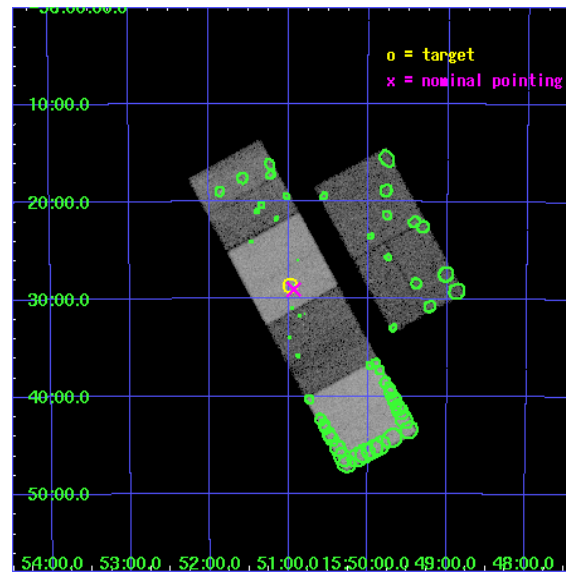
L2 Processing Date : Oct 4 2006

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1 Front

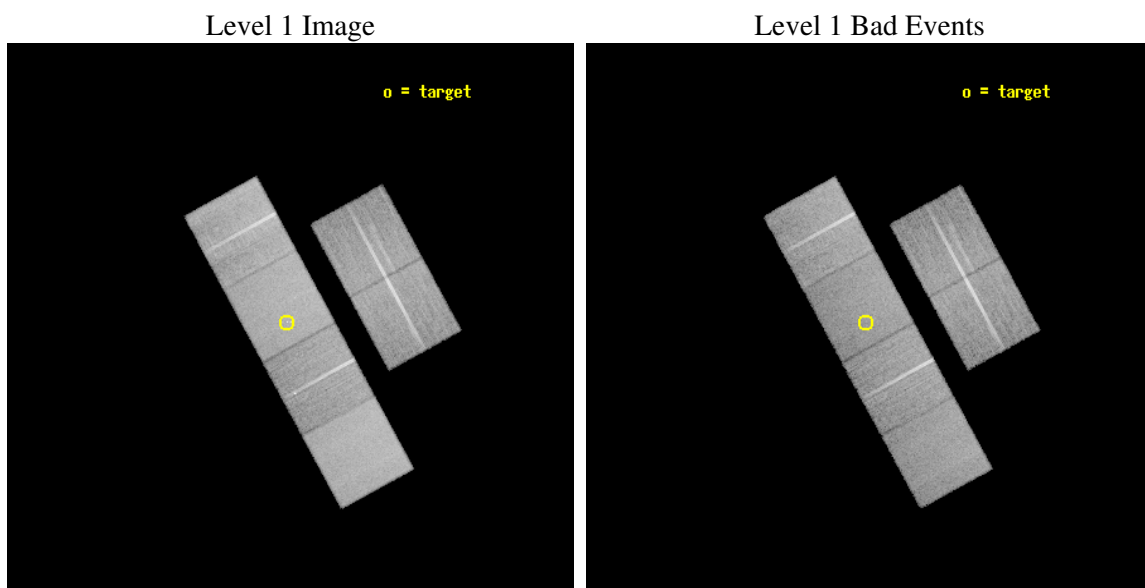
seq_num	400294
obs_id	3807
title	JET INTERACTIONS AROUND THE BLACK HOLE XTE J1550-564
observer	Dr Stephane Corbel
object	XTE J1550-564 (JET)
dtcycle	0
cycle	P
ra_targ	237.744583
dec_targ	-56.476556
ra_nom	237.73362746231
dec_nom	-56.484112674194
roll_nom	241.40242330275
revision	2
ontime	24751.999907792
livetime	24438.575181094
ontime2	24751.999907792
ontime3	24751.999907792
ontime5	24751.999907792
ontime6	24751.999907792
ontime7	24751.999907792
ontime8	24751.999907792
l2events	246880



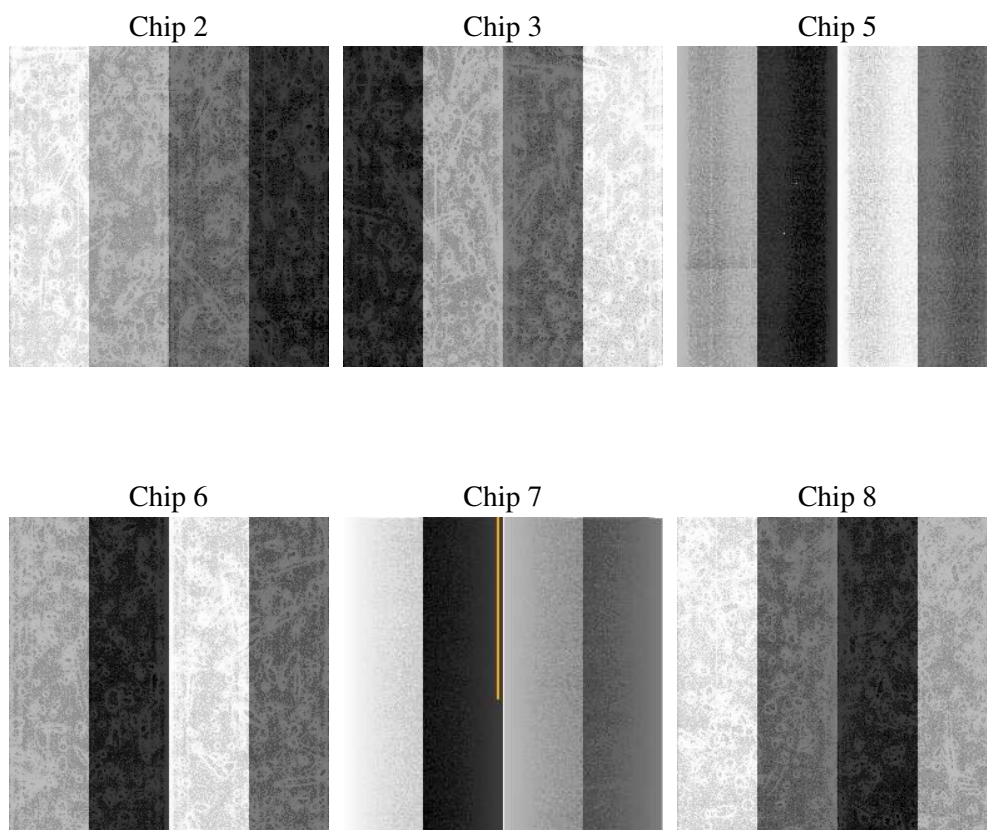
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-10-04T18:33:05
revision	2

sched_exp_time	25000.000000
ontime	24757.996314585
ontime2	24757.996284664
ontime3	24761.237304747
ontime5	24757.996314585
ontime6	24757.996284664
ontime7	24757.996314585
ontime8	24761.237175167
l1events	1098185

2.1.4 Events

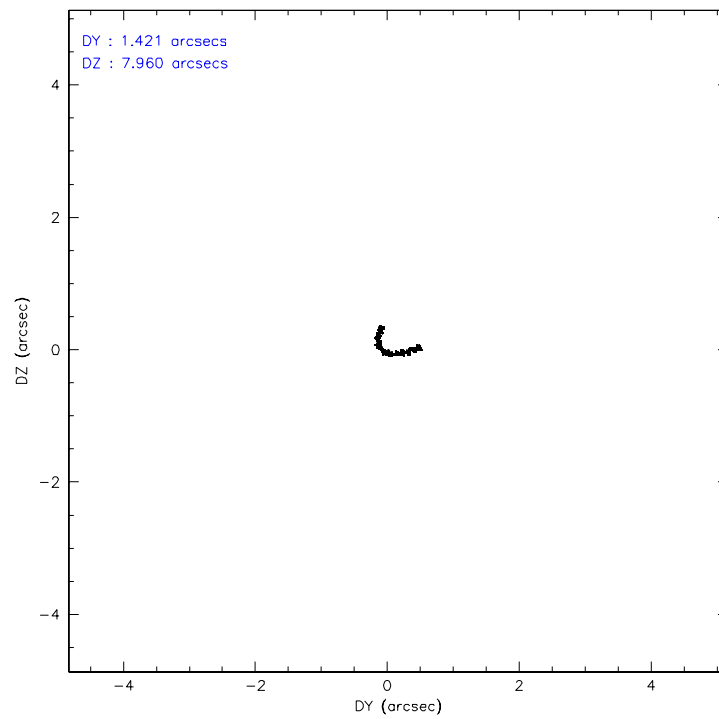
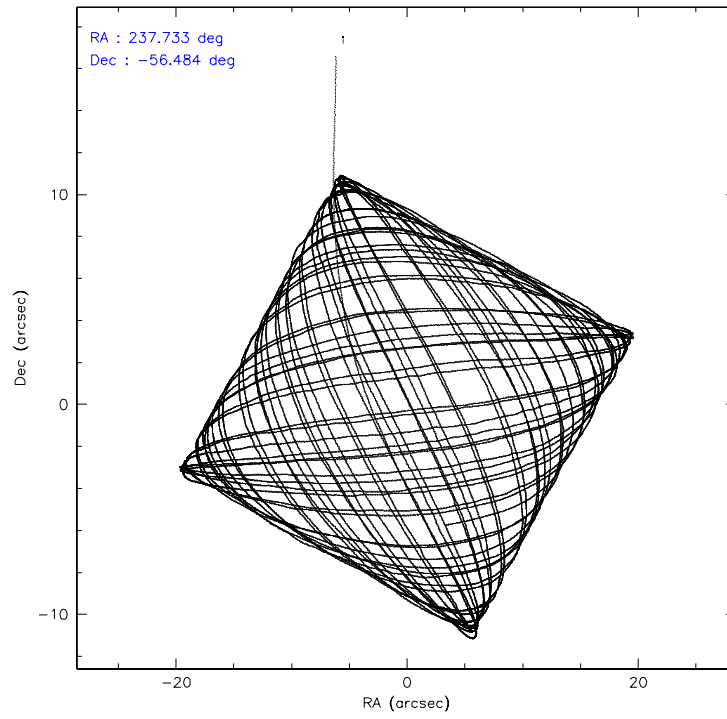
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	156145	149572	219731	157982	206334	208421
rejected events	137329	130972	125328	138134	125953	159887
rejected %	87%	87%	57%	87%	61%	76%

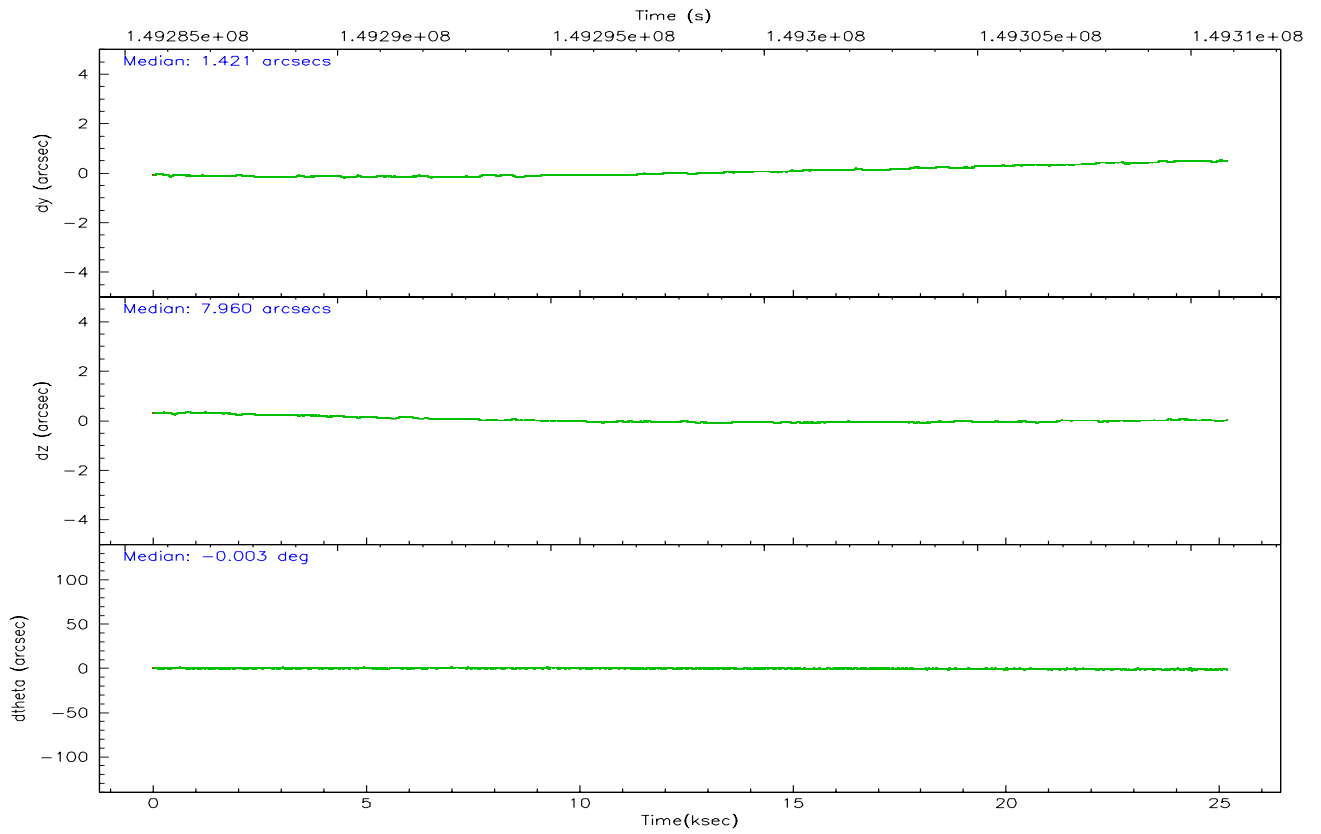
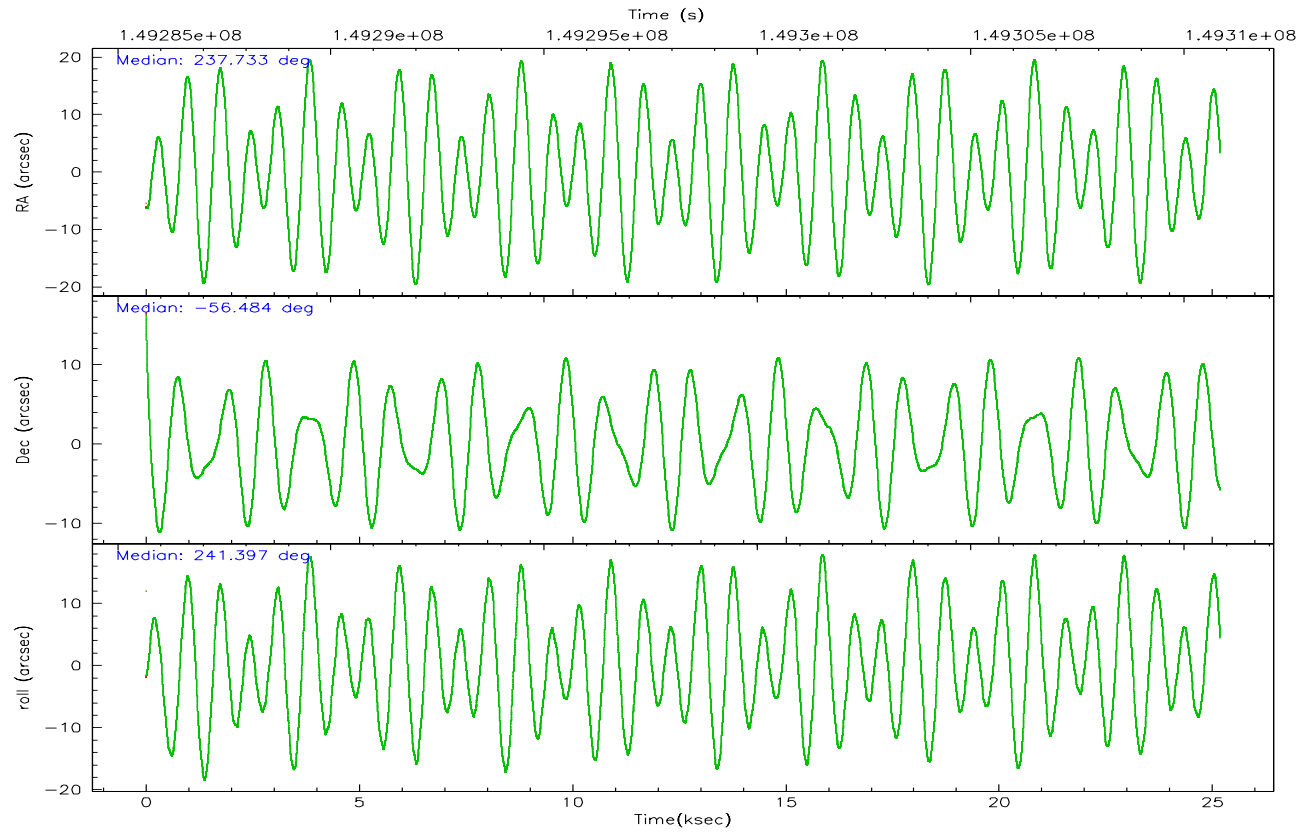
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	8772	8689	4043	8830	5333	20409
	5%	5%	1%	5%	2%	9%
grade 1 events	96	106	153	73	122	158
	0%	0%	0%	0%	0%	0%
grade 2 events	3616	3318	29742	3780	19962	9112
	2%	2%	13%	2%	9%	4%
grade 3 events	1792	1753	2270	1857	4360	4460
	1%	1%	1%	1%	2%	2%
grade 4 events	1709	1792	2192	1789	4308	4146
	1%	1%	0%	1%	2%	1%
grade 5 events	5975	6300	10874	6894	13810	8816
	3%	4%	4%	4%	6%	4%
grade 6 events	2936	3053	56173	3593	46433	10418
	1%	2%	25%	2%	22%	4%
grade 7 events	131249	124561	114284	131166	112006	150902
	84%	83%	52%	83%	54%	72%

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	237.731767	237.7336274623122	Subarray requested	NONE	NONE
Pointing Dec	-56.456887	-56.48411267419411	Alternating exposures requested	N	N
Pointing Roll	241.244248	241.4024233027525	Primary exposure time	0.000000	3.2
Window start time	149126464.184000	149126464.184000			
Window stop time	150249664.184000	150249664.184000			
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	149285846.184000	149284820.50195			
Observation start date	2002-09-24T20:16:22	2002-09-24T20:00:20			
Observation end time	149310846.184000	149311807.21557			
Observation end date	2002-09-25T03:13:02	2002-09-25T03:30:07			
Read mode	TIMED	TIMED			

2.3 Aspect



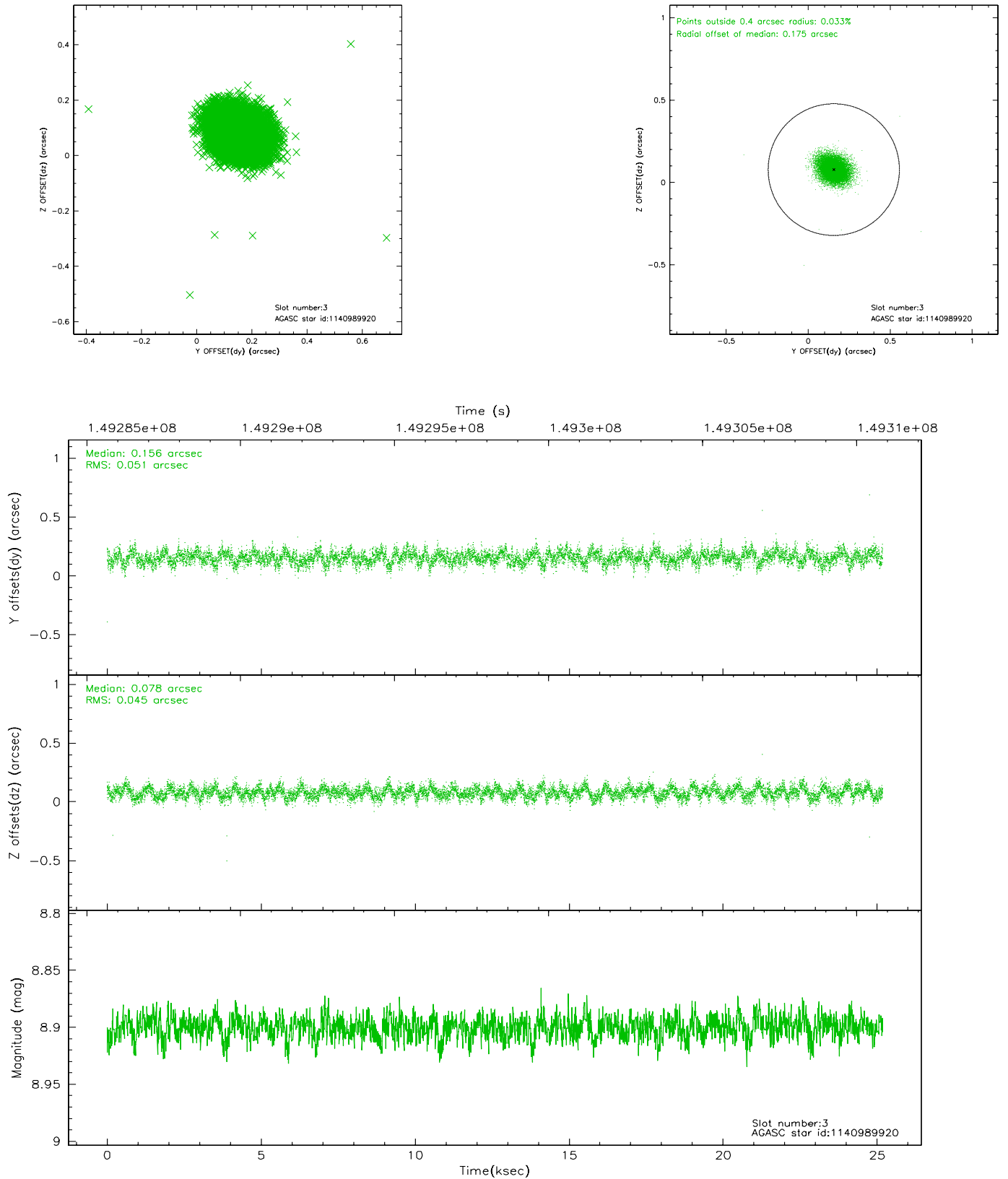


Slot Statistics

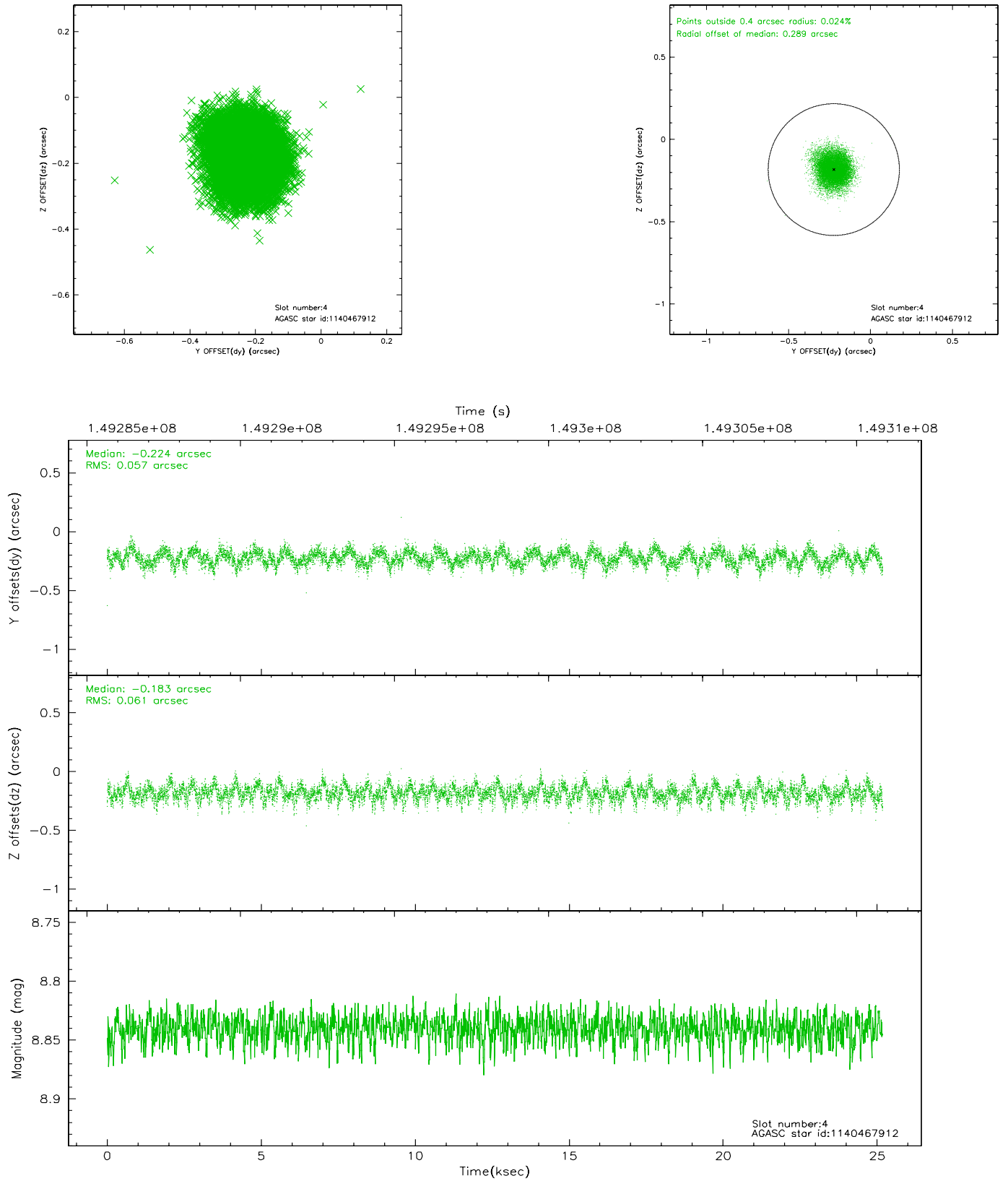
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	6141	0.009	0.030	0.005	0.009	0.000000	0.000000	-754.11	-1729.15
1	FID	ACIS-S-4	7.20	6141	-0.031	0.006	0.007	0.012	0.000000	0.000000	2159.10	179.15
2	FID	ACIS-S-6	7.36	6141	-0.005	-0.029	0.008	0.013	0.000000	0.000000	408.04	816.66
3	GUIDE	1140989920	8.90	12276	0.156	0.078	0.071	0.116	237.647305	-57.151120	2270.32	1058.64
4	GUIDE	1140467912	8.84	12281	-0.224	-0.183	0.089	0.142	237.351144	-55.585312	-2376.45	-2187.24
5	GUIDE	1140468800	8.93	12274	-0.018	0.139	0.182	0.257	238.884268	-56.158674	-2036.37	1518.77
6	GUIDE	1140861088	9.08	12275	0.126	-0.058	0.105	0.166	236.443591	-56.463656	1274.79	-2221.97
7	GUIDE	1140998784	9.19	12274	-0.045	0.020	0.102	0.158	238.683224	-56.839204	316.29	2311.28

2.4 Star Slots

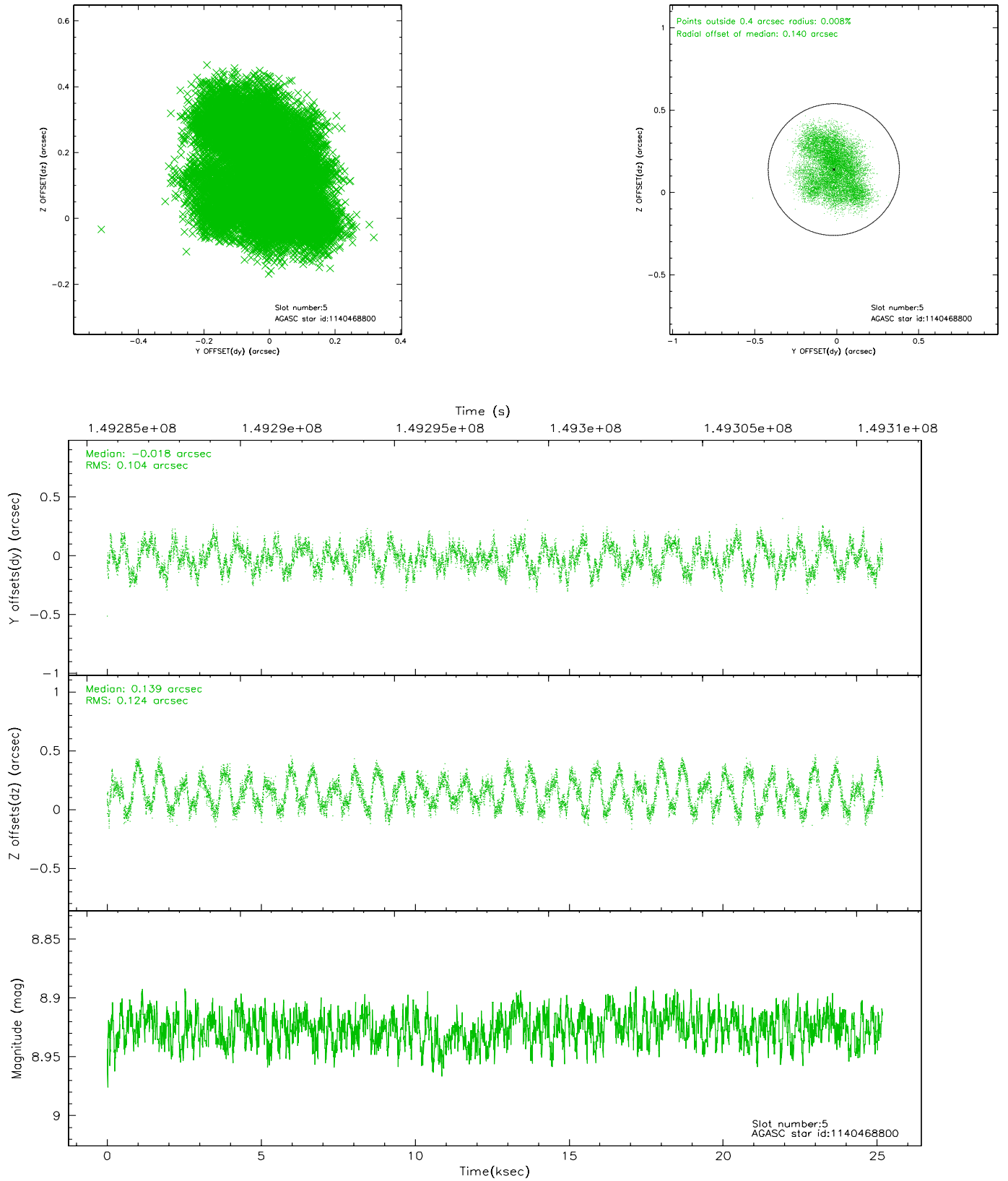
2.4.1 Slot 3



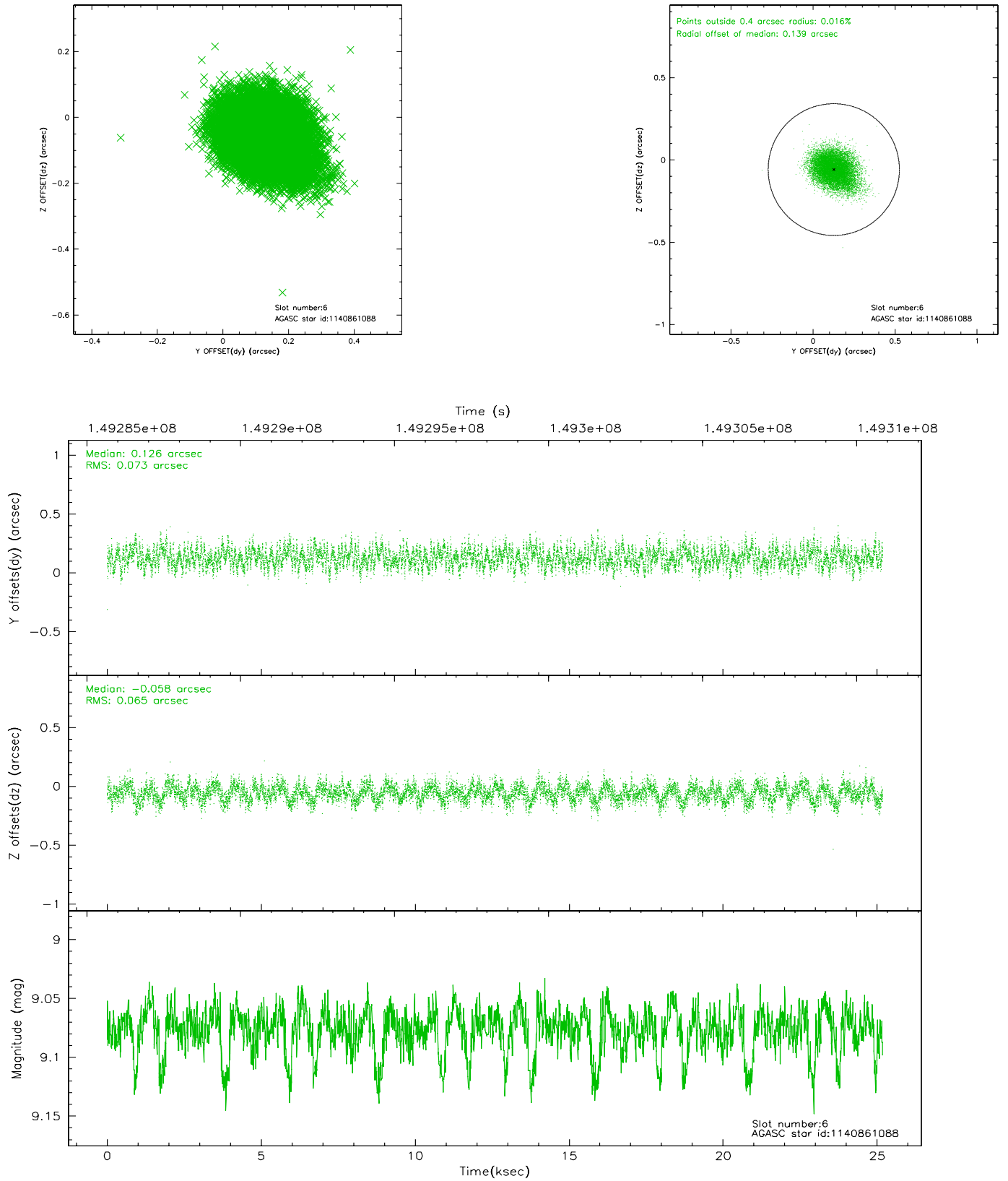
2.4.2 Slot 4



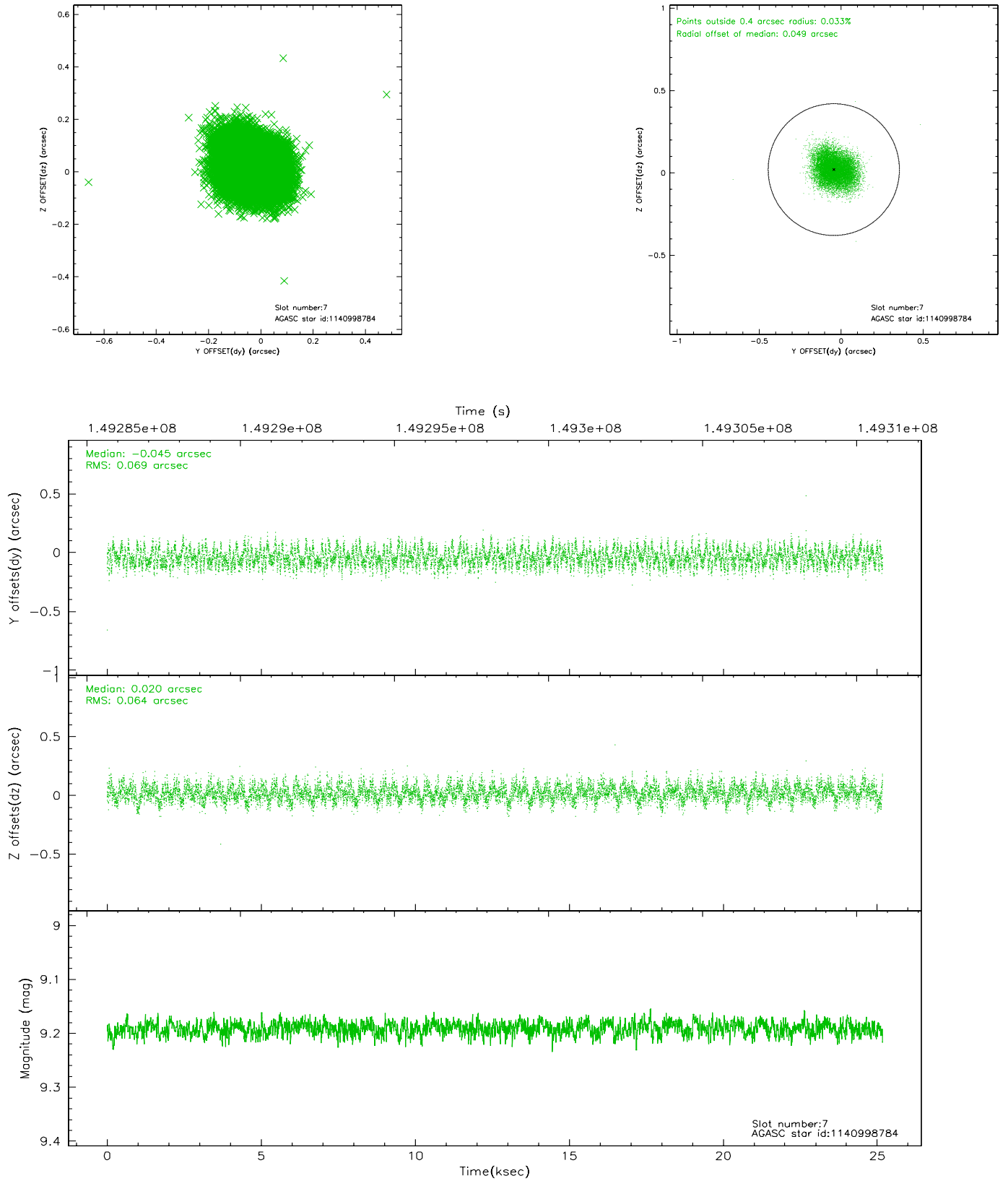
2.4.3 Slot 5



2.4.4 Slot 6

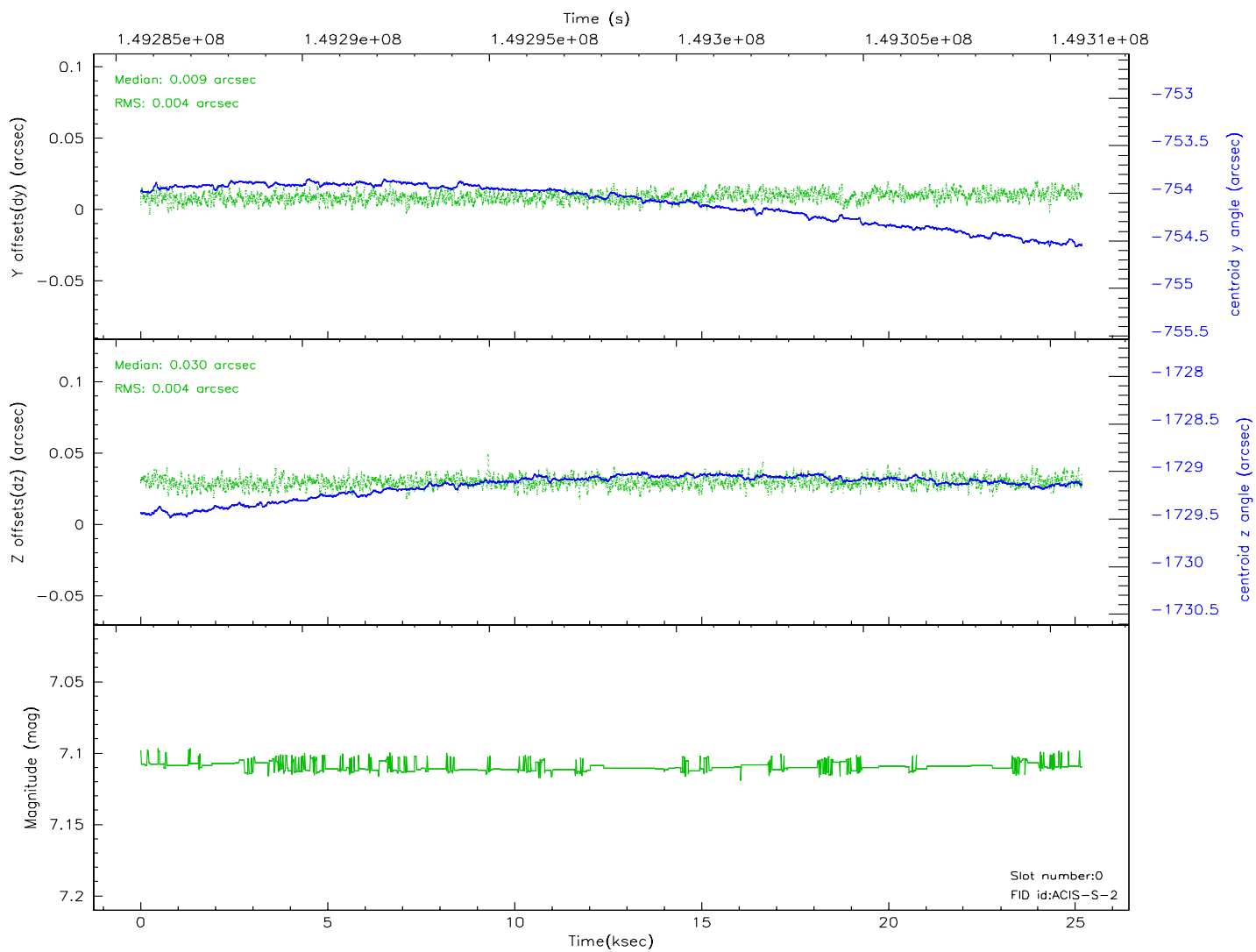
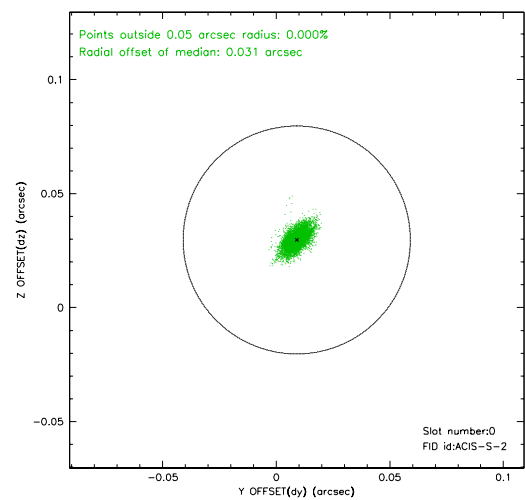
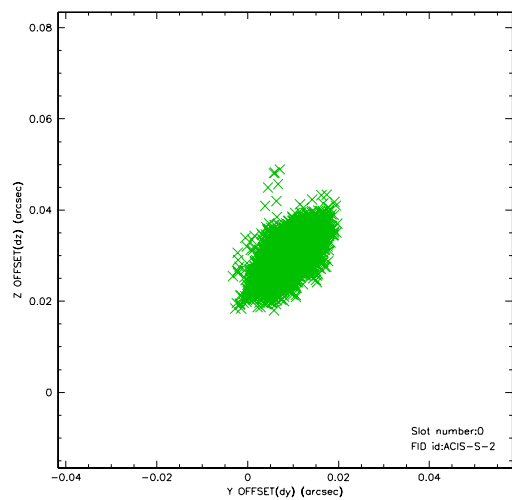


2.4.5 Slot 7

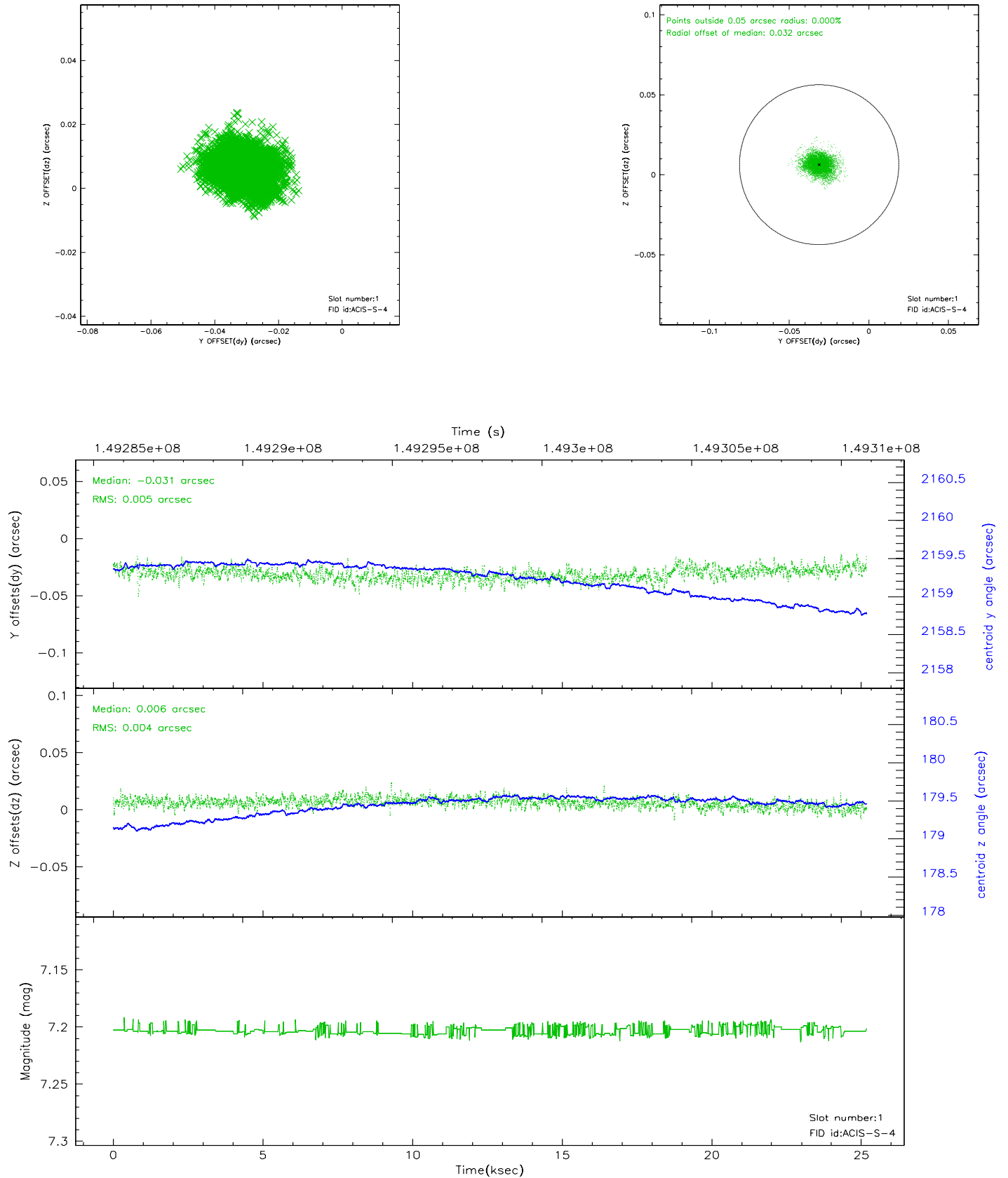


2.5 FID Slots

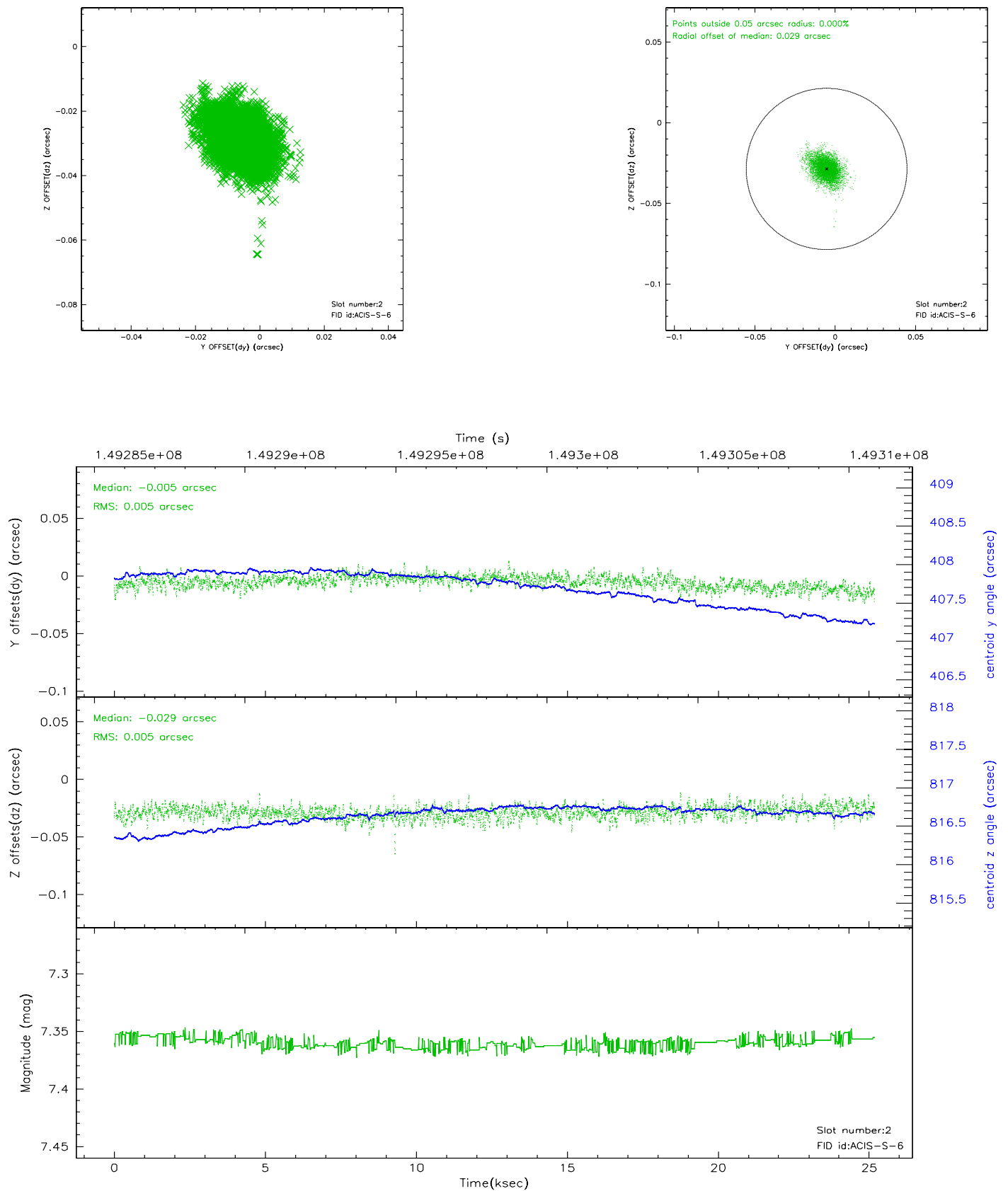
2.5.1 Slot 0



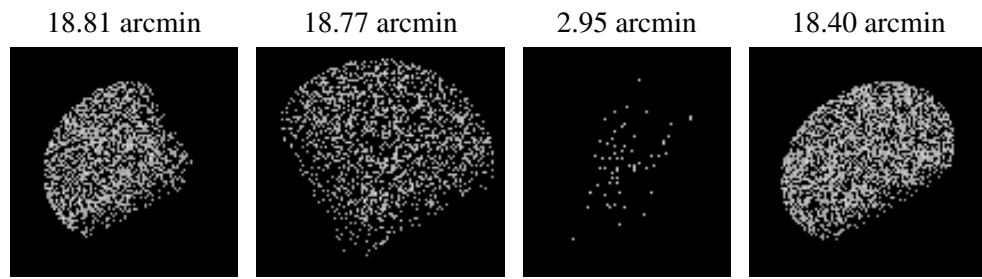
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.10.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	24.755

A.2 Comments

Window constraint met.