

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 732 - L2 Version 001
Chandra X-Ray Center

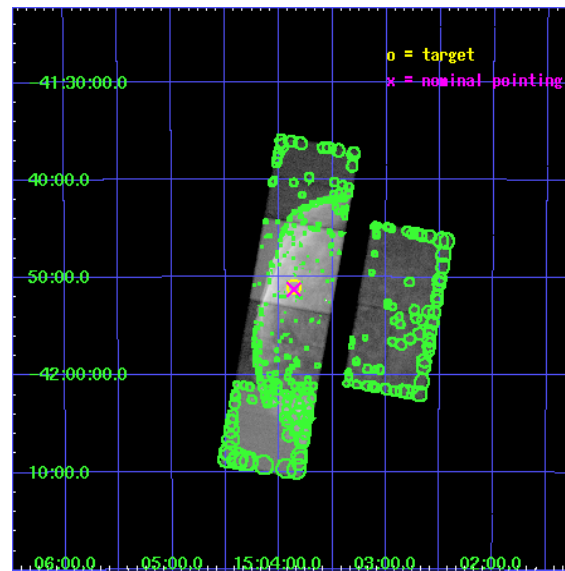
L2 Processing Date : May 30 2007

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1 Front

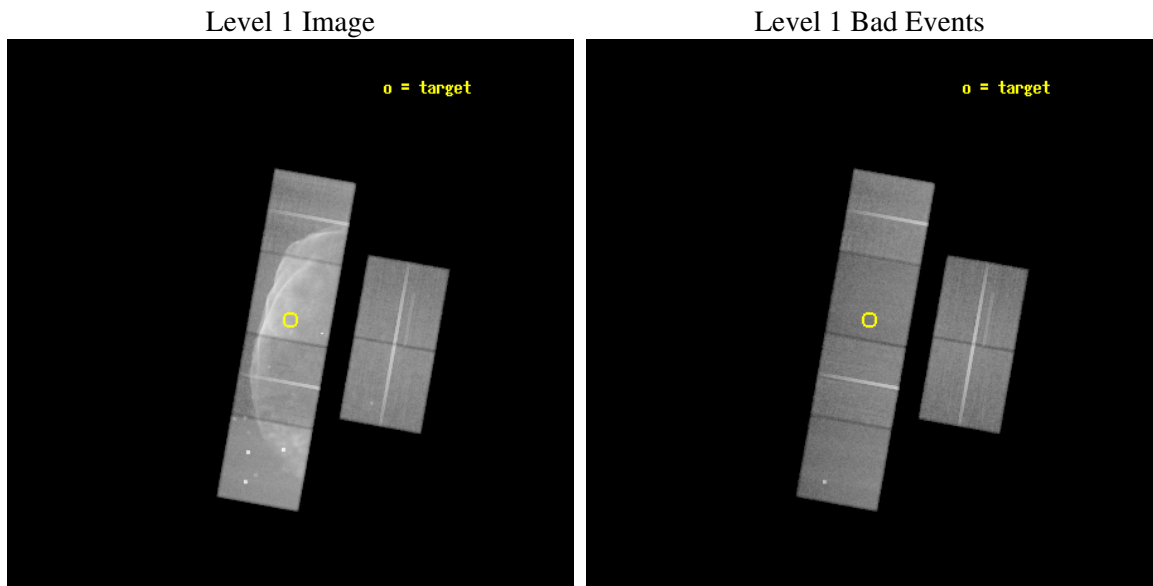
seq_num	500028
obs_id	732
title	SN1006 AND THE PHYSICS OF SHOCKS
observer	DR. KNOX LONG
object	SN 1006-NE
dtcycle	0
cycle	P
ra_targ	225.96667
dec_targ	-41.85
ra_nom	225.96530460721
dec_nom	-41.854522788915
roll_nom	280.15572269289
revision	3
ontime	68963.200064227
livetime	68089.94650036
ontime2	68956.718113765
ontime3	68959.959093988
ontime5	68963.200064227
ontime6	68959.959094003
ontime7	68963.200064227
ontime8	68963.200064227
l2events	2239951



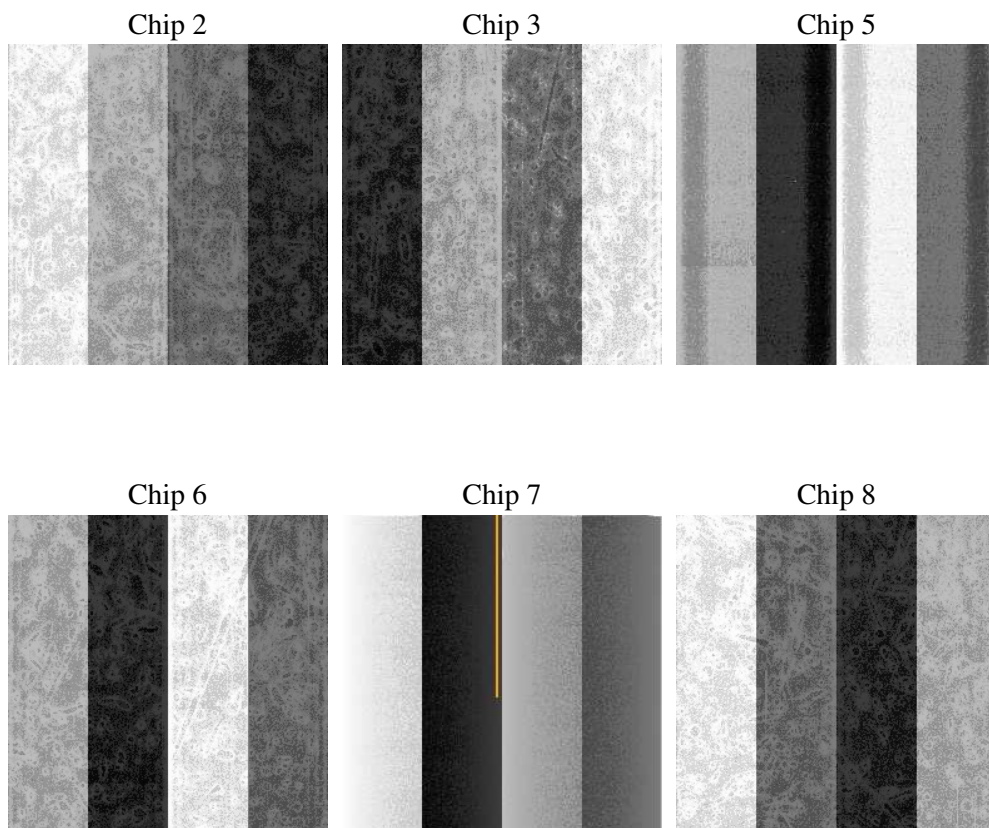
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-05-30T20:43:02
revision	3

sched_exp_time	69049.689000
ontime	68963.200064227
ontime2	68956.718113765
ontime3	68959.959093988
ontime5	68963.200064227
ontime6	68959.959094003
ontime7	68963.200064227
ontime8	68963.200064227
l1events	4633352

2.1.4 Events

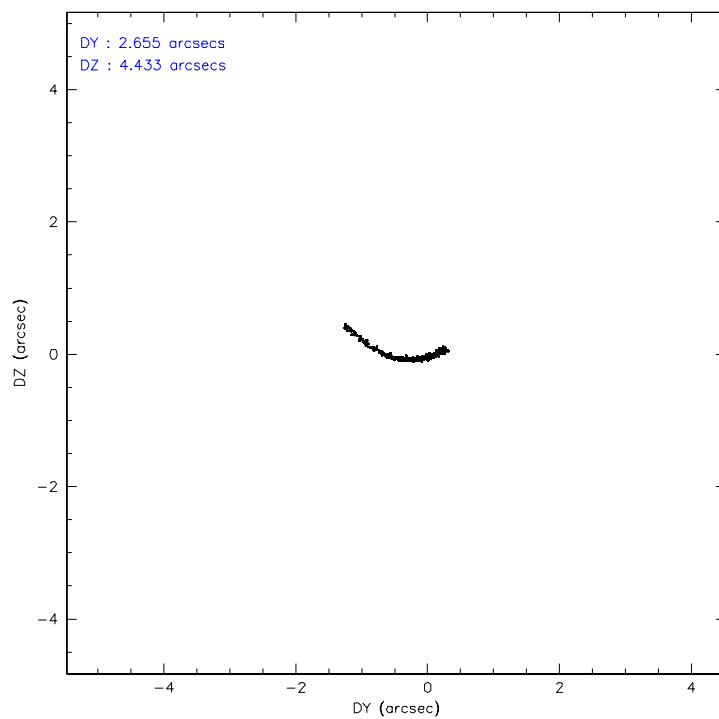
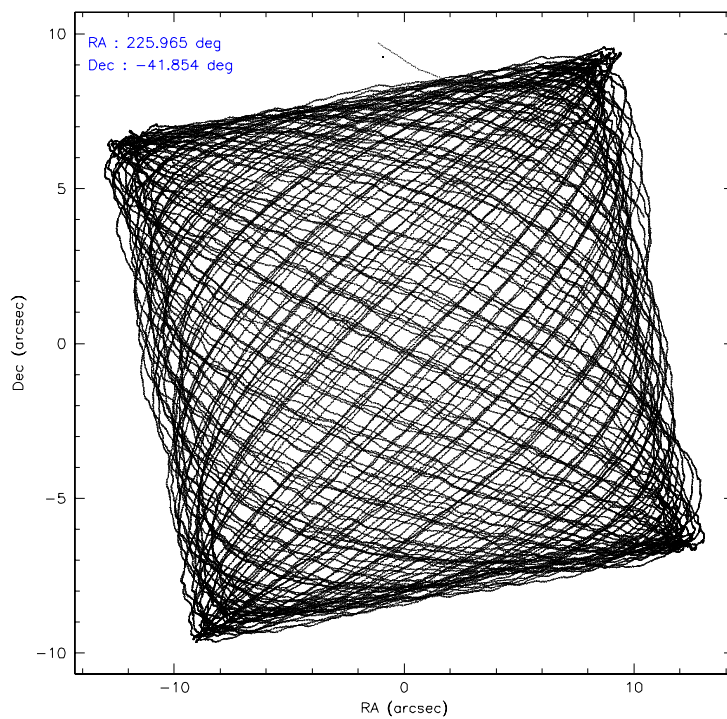
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	530715	481804	792596	705171	1409948	713118
rejected events	402681	380736	307372	394605	303623	435990
rejected %	75%	79%	38%	55%	21%	61%

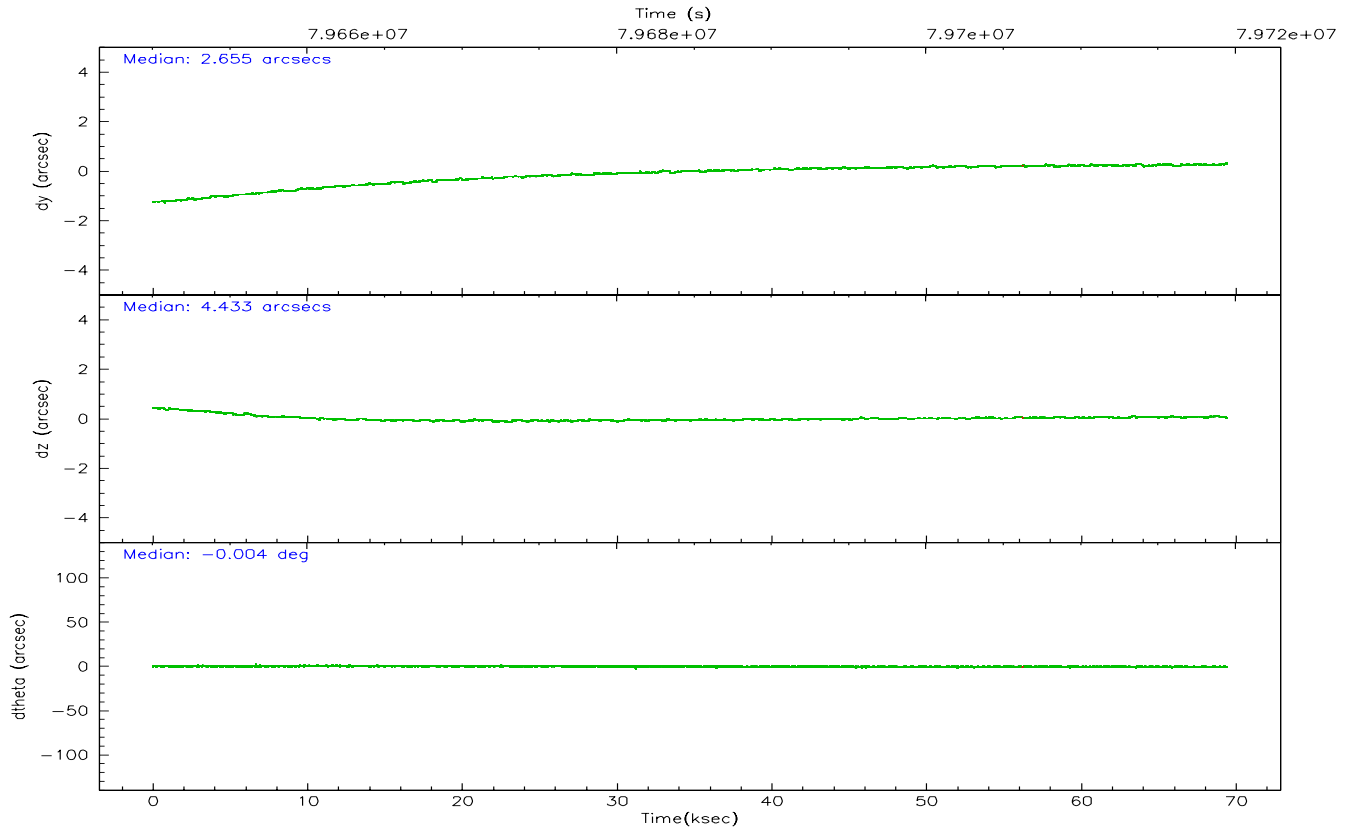
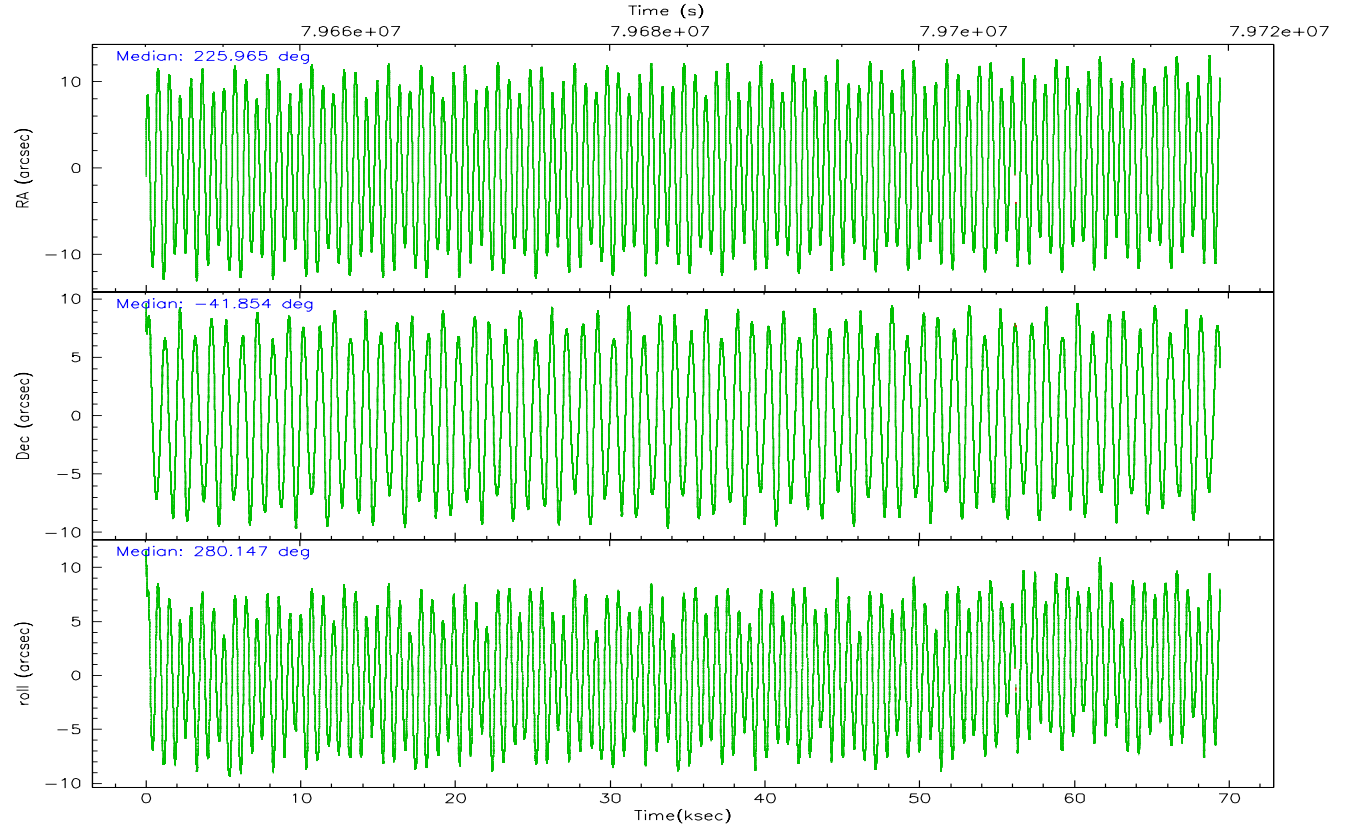
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	90764	66812	151803	251287	352112	178913
	17%	13%	19%	35%	24%	25%
grade 1 events	435	378	2612	944	681	843
	0%	0%	0%	0%	0%	0%
grade 2 events	15601	13319	123624	27623	269234	37290
	2%	2%	15%	3%	19%	5%
grade 3 events	5720	5426	27386	9225	121158	15317
	1%	1%	3%	1%	8%	2%
grade 4 events	5678	5487	26499	9099	119303	14722
	1%	1%	3%	1%	8%	2%
grade 5 events	13605	14916	46333	17568	54879	21232
	2%	3%	5%	2%	3%	2%
grade 6 events	10355	10109	156209	13566	245269	31052
	1%	2%	19%	1%	17%	4%
grade 7 events	388557	365357	258130	375859	247312	413749
	73%	75%	32%	53%	17%	58%

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	225.941454	225.9653046072115	Subarray requested	NONE	NONE
Pointing Dec	-41.833681	-41.85452278891485	Alternating exposures requested	N	N
Pointing Roll	279.983189	280.1557226928909	Primary exposure time	3.200000	3.2
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	79650416.184000	79649357.908666			
Observation start date	2000-07-10T21:05:52	2000-07-10T20:49:17			
Observation end time	79719465.184000	79719775.411263			
Observation end date	2000-07-11T16:16:41	2000-07-11T16:22:55			
Read mode	TIMED	TIMED			

2.3 Aspect



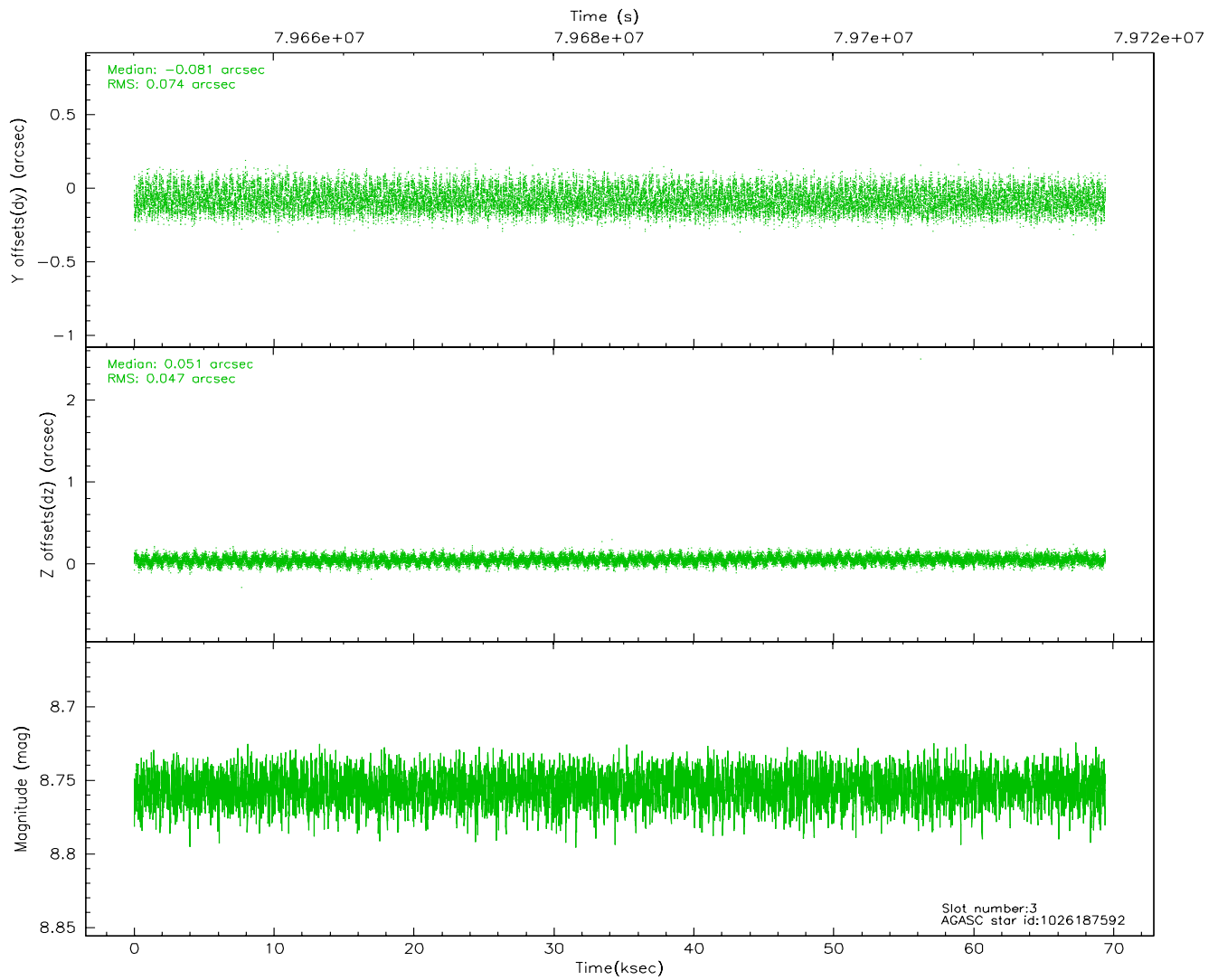
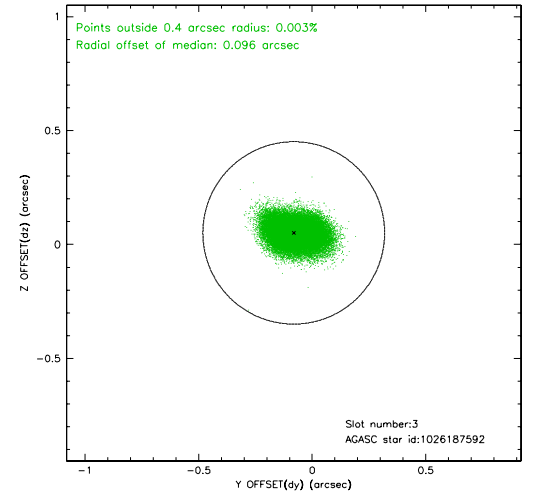
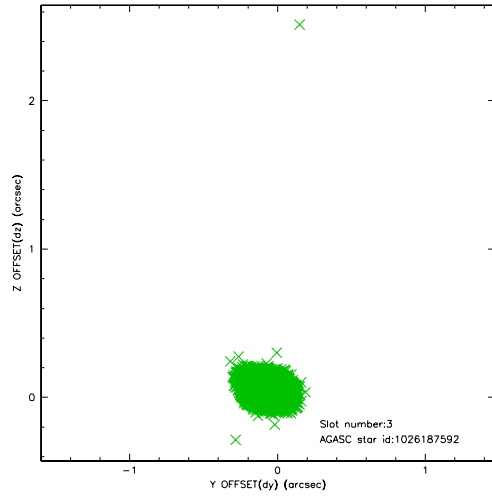


Slot Statistics

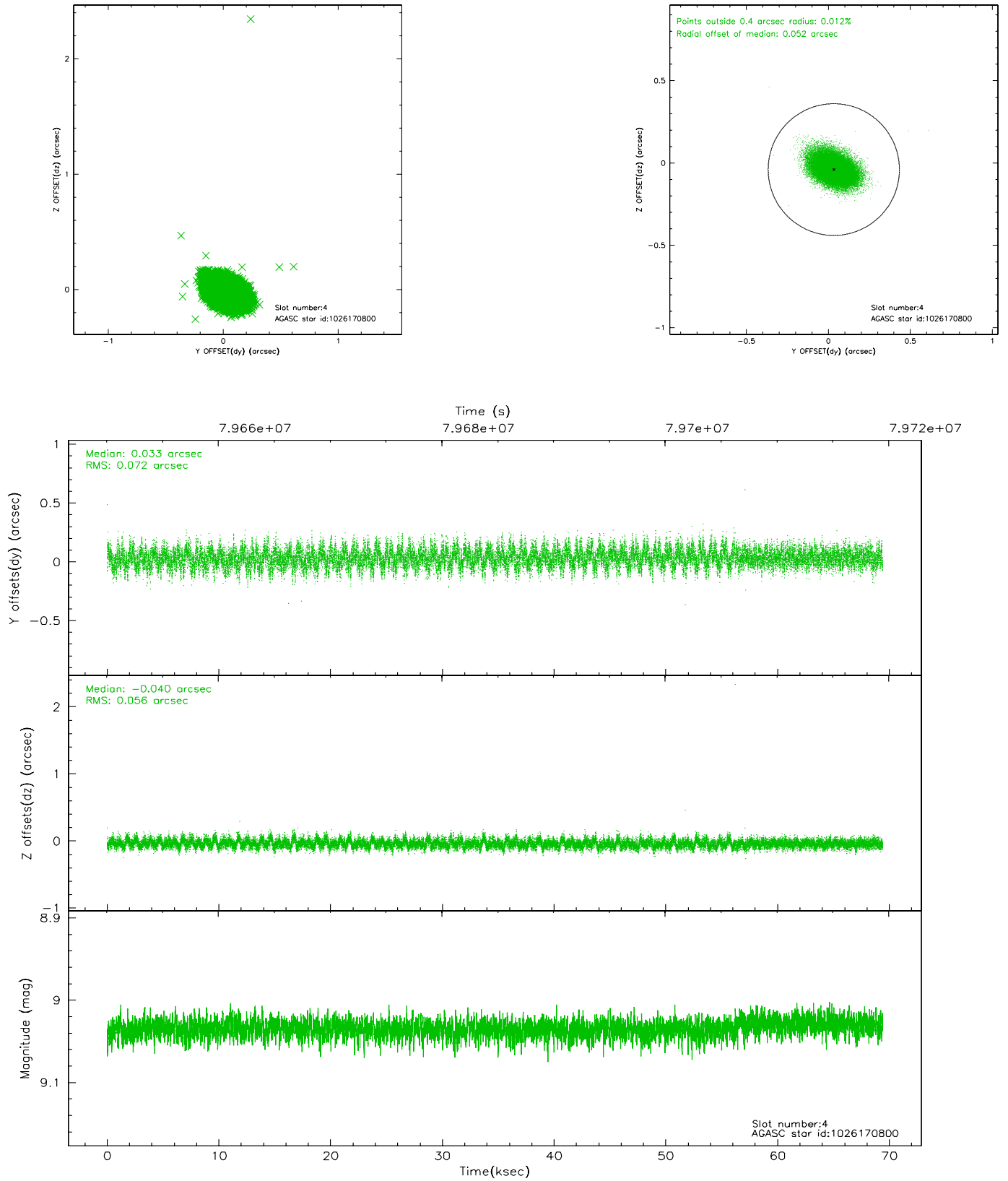
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	16922	-0.004	0.011	0.009	0.017	0.000000	0.000000	-755.11	-1725.54
1	FID	ACIS-S-4	7.21	16921	-0.052	-0.001	0.012	0.018	0.000000	0.000000	2158.13	183.00
2	FID	ACIS-S-5	7.24	16922	0.022	-0.000	0.013	0.027	0.000000	0.000000	-1808.01	176.59
3	GUIDE	1026187592	8.76	33837	-0.081	0.051	0.093	0.149	226.705304	-41.327228	-1428.11	2347.88
4	GUIDE	1026170800	9.03	33832	0.033	-0.040	0.095	0.159	225.400024	-42.381702	1699.20	-1760.77
5	GUIDE	1026183784	9.17	33774	0.002	0.108	0.084	0.138	226.363370	-41.841537	227.64	1108.91
6	GUIDE	1026163728	9.24	33834	-0.103	-0.073	0.083	0.134	225.377558	-41.568164	-1198.68	-1331.42
7	GUIDE	1026185256	9.31	33830	0.147	-0.047	0.081	0.134	226.095983	-42.018643	728.87	291.34

2.4 Star Slots

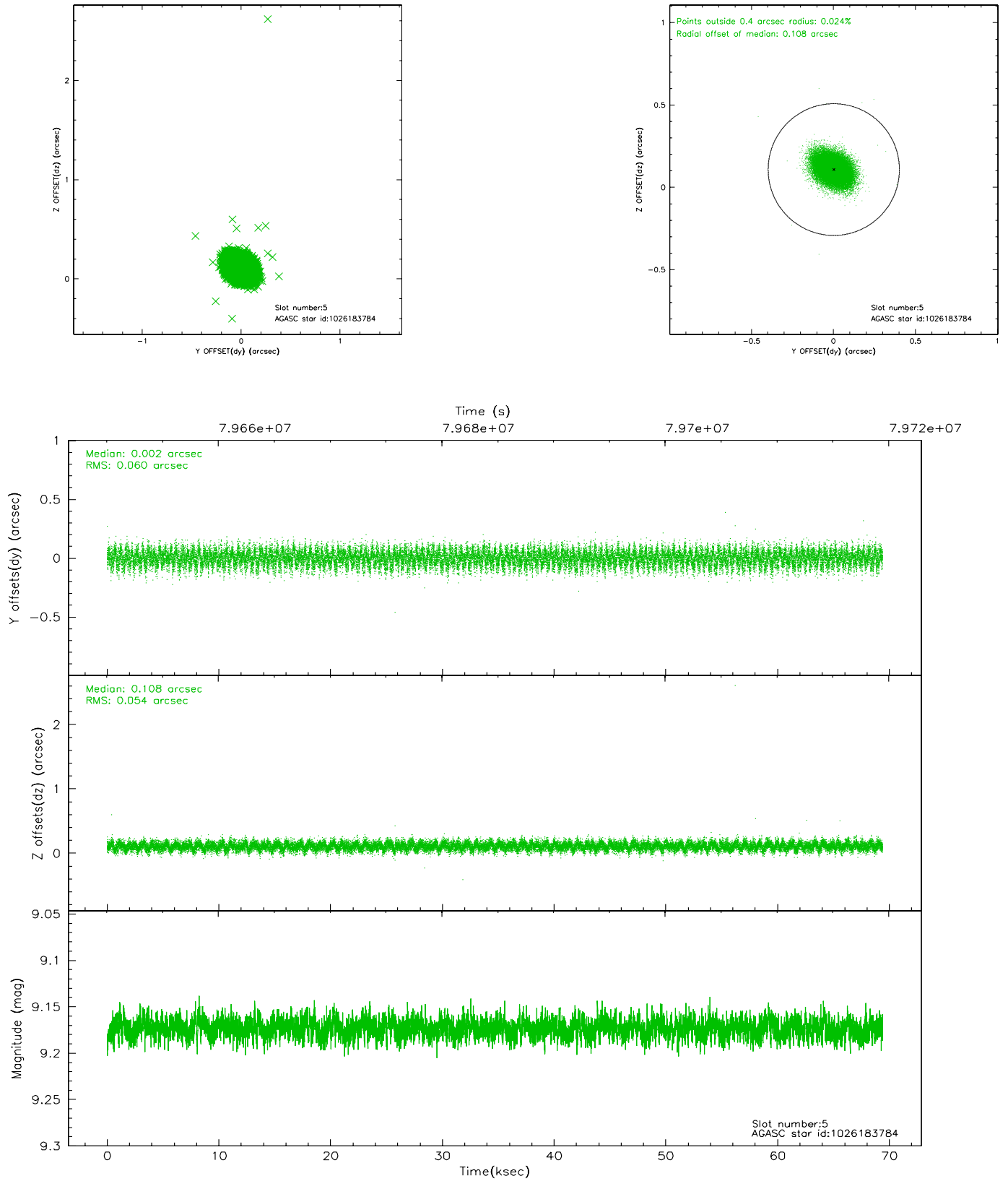
2.4.1 Slot 3



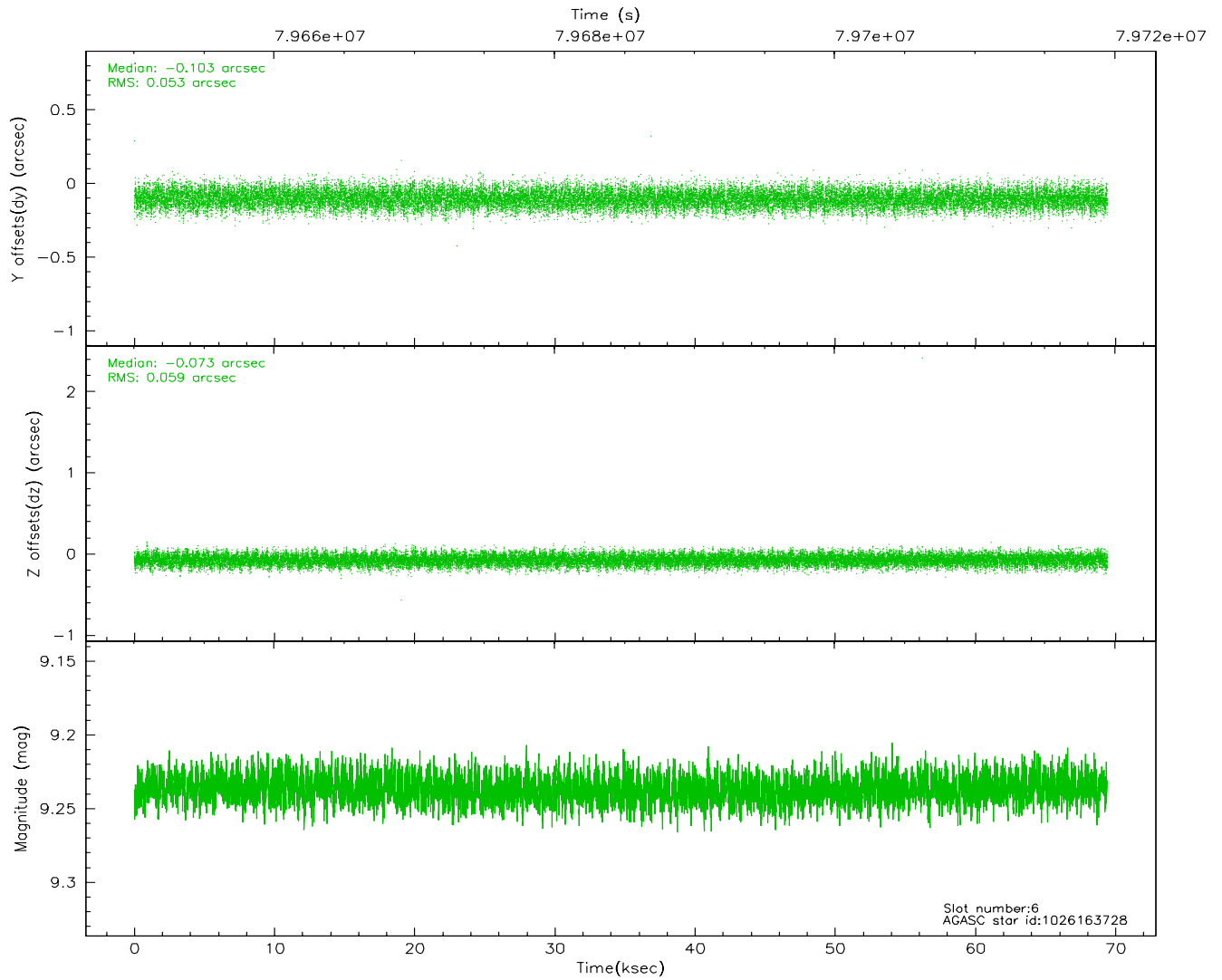
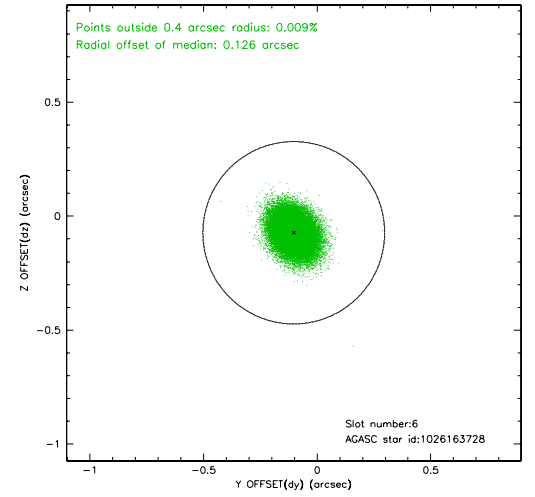
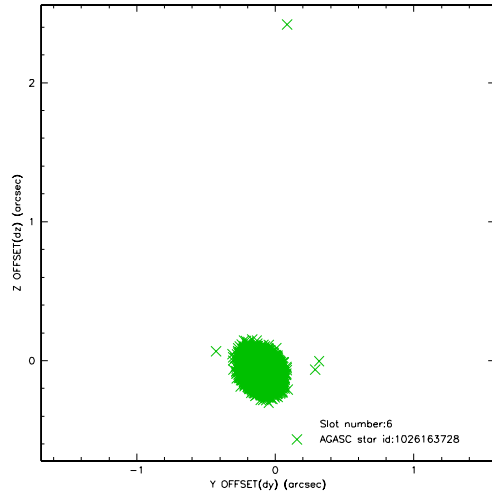
2.4.2 Slot 4



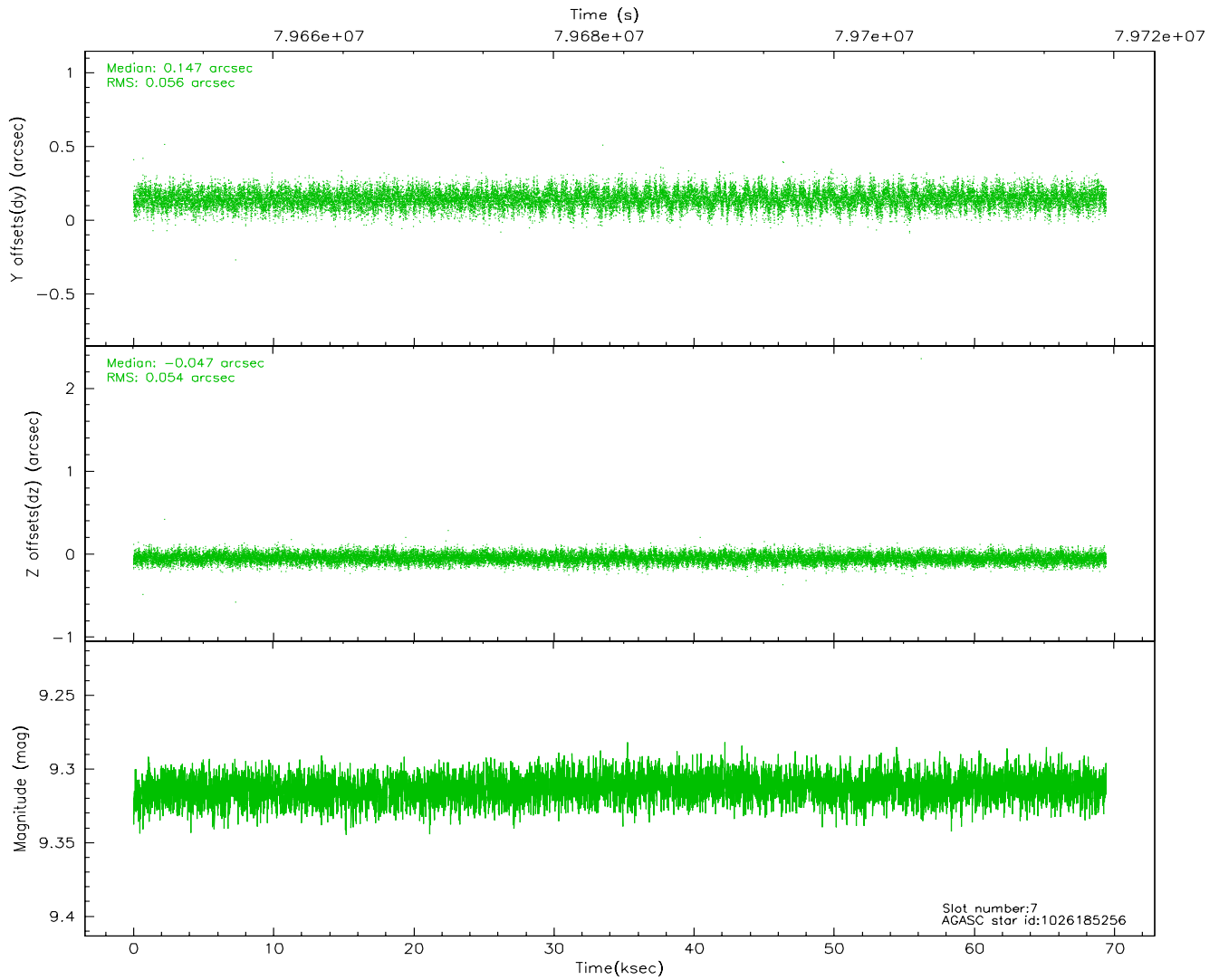
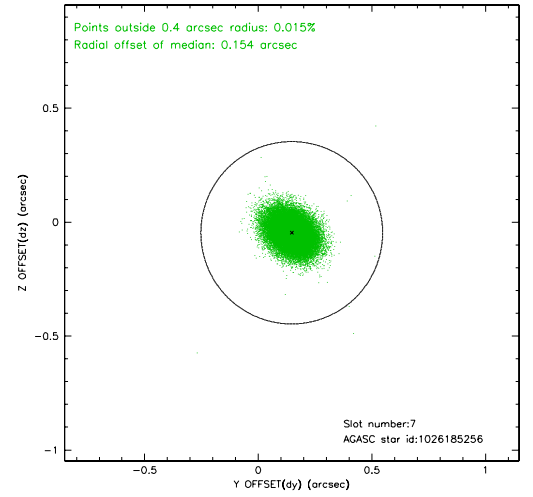
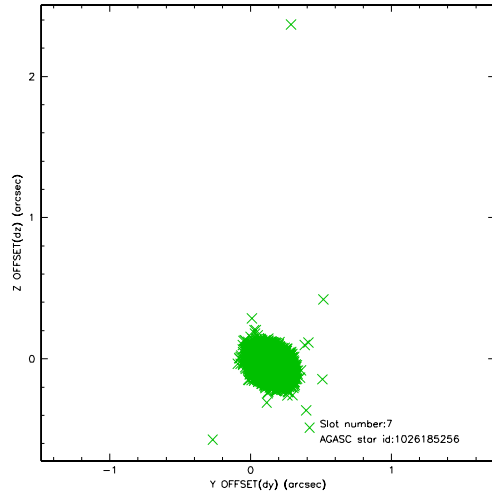
2.4.3 Slot 5



2.4.4 Slot 6

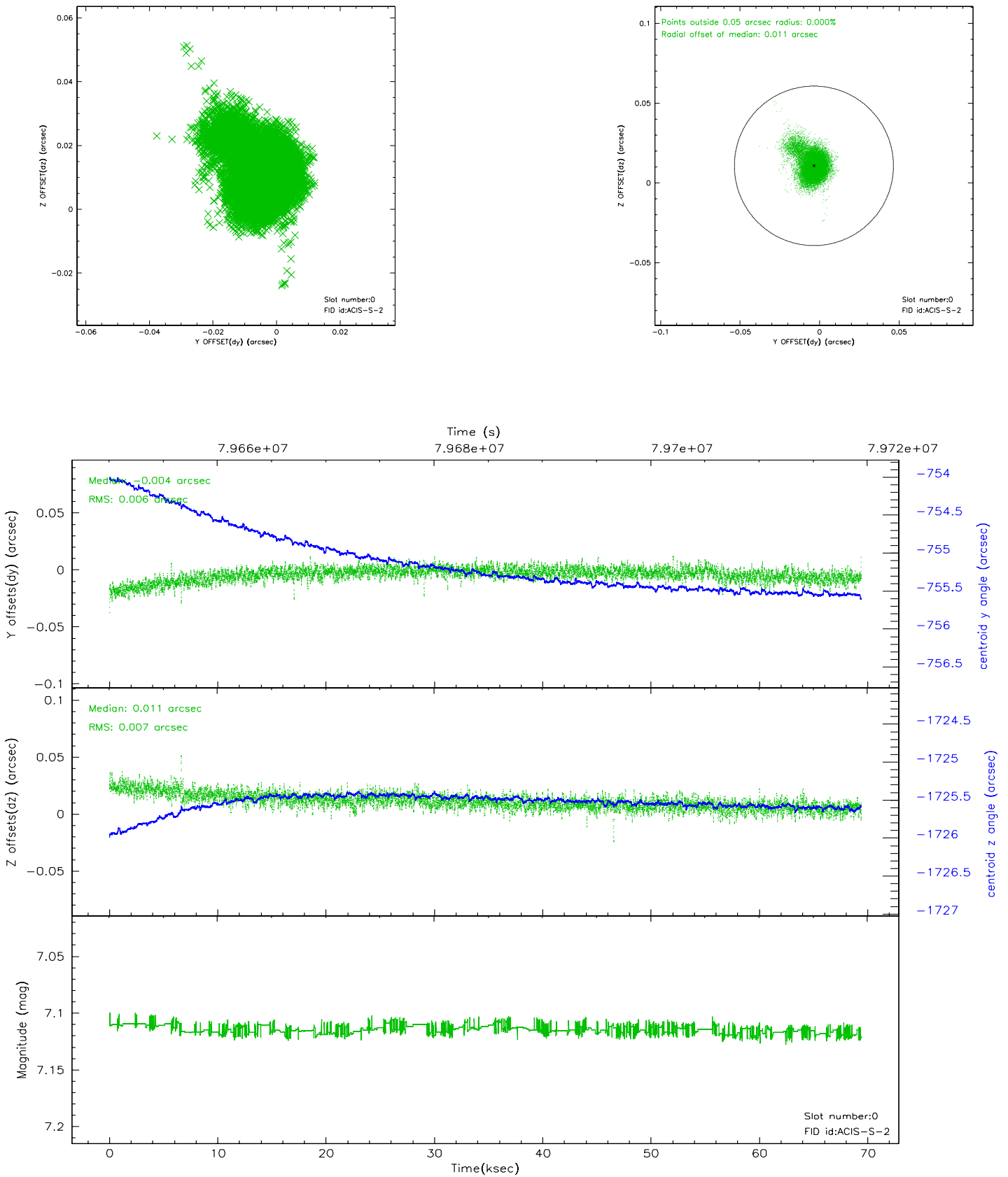


2.4.5 Slot 7

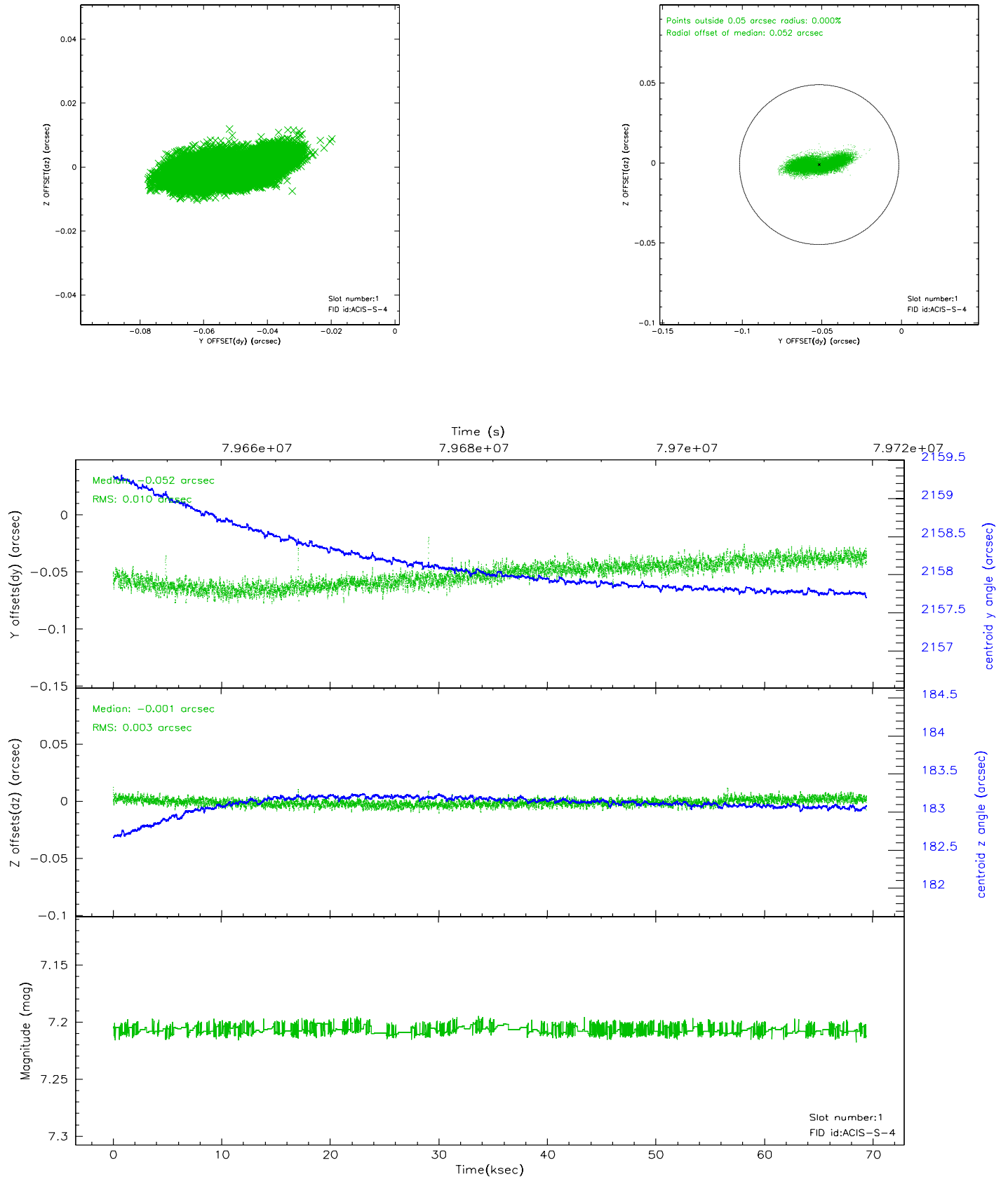


2.5 FID Slots

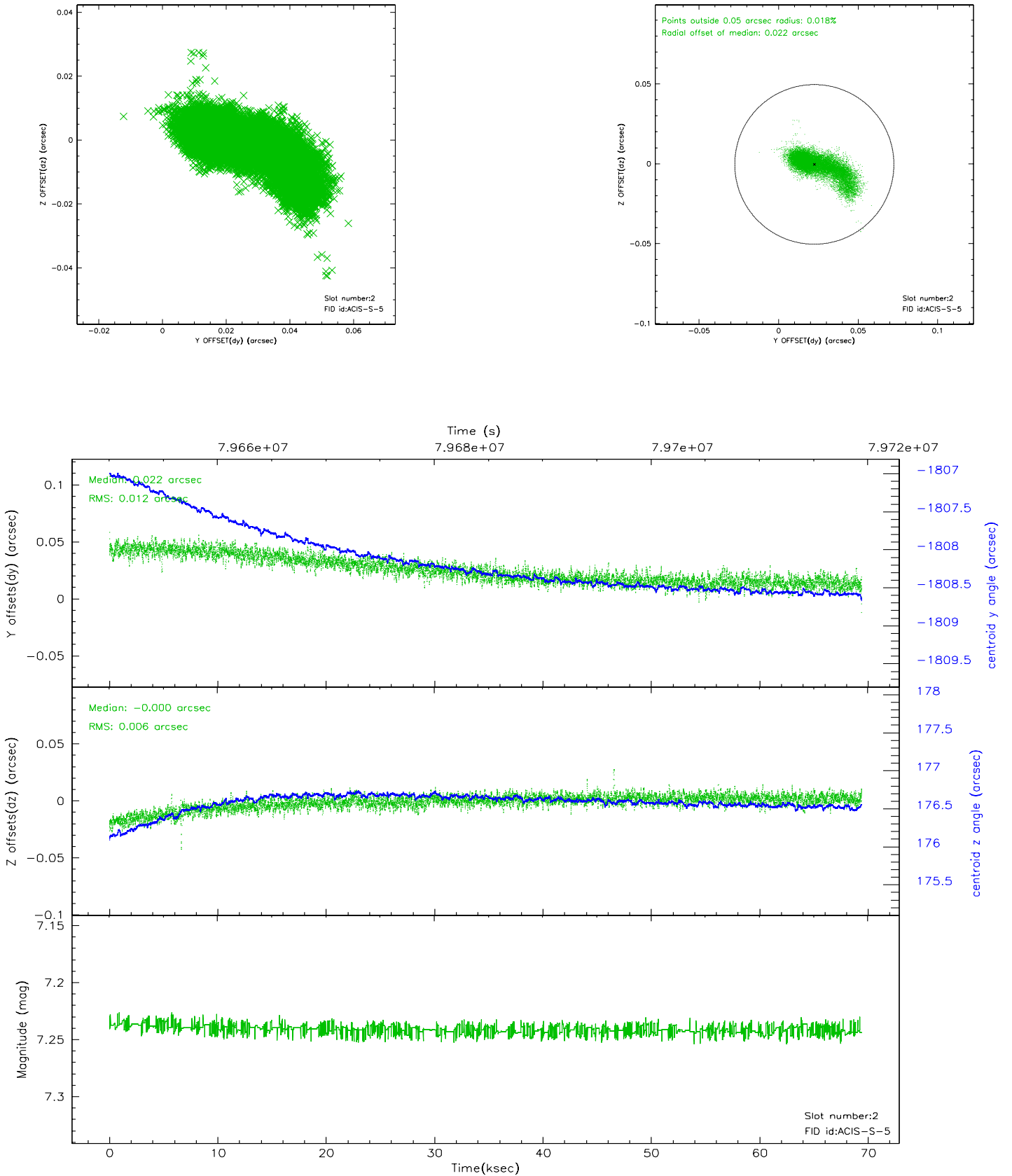
2.5.1 Slot 0



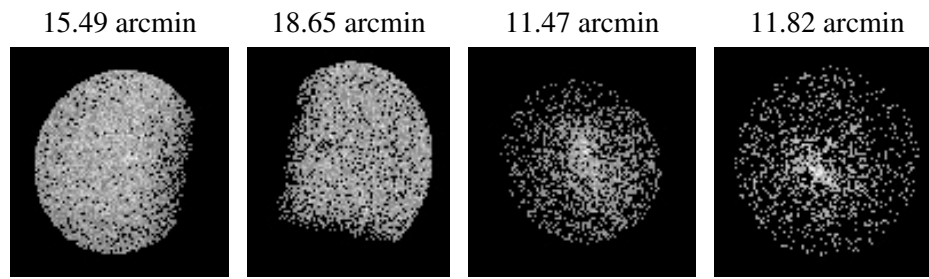
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.05.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	68.96

A.2 Comments

Roll constraint met.