

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2060 - L2 Version 001
Chandra X-Ray Center

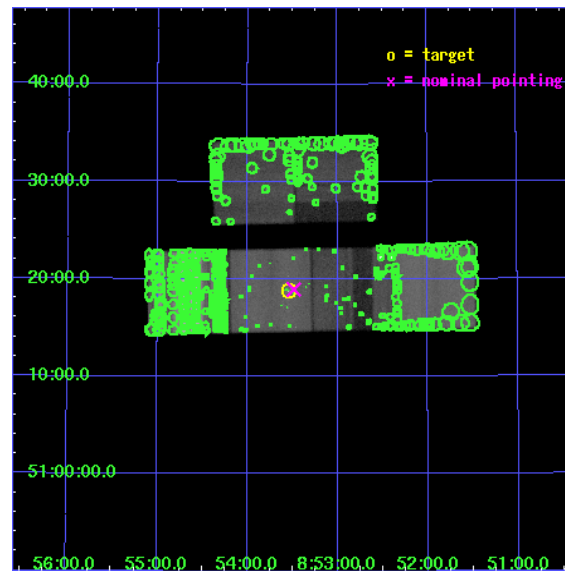
L2 Processing Date : Nov 4 2006

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1 Front

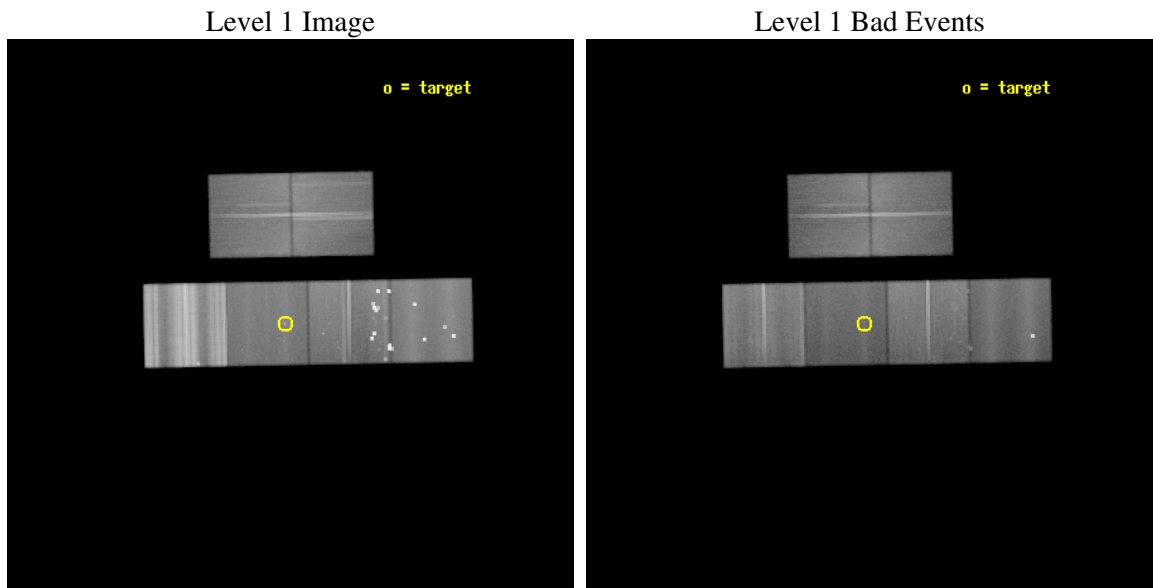
seq_num	600194
obs_id	2060
title	THE X-RAY POINT SOURCE POPULATION IN SPIRAL GALAXIES
observer	Dr. Andrea Prestwich
object	NGC 2681
dtcycle	0
cycle	P
ra_targ	133.386667
dec_targ	51.313889
ra_nom	133.37125147766
dec_nom	51.315846211032
roll_nom	178.88500110094
revision	2
ontime	81932.800076306
livetime	80895.31762773
ontime2	81929.559106067
ontime3	81926.318155736
ontime5	81932.800076306
ontime6	81926.318155736
ontime7	81932.800076306
ontime8	81929.559106052
l2events	1940908



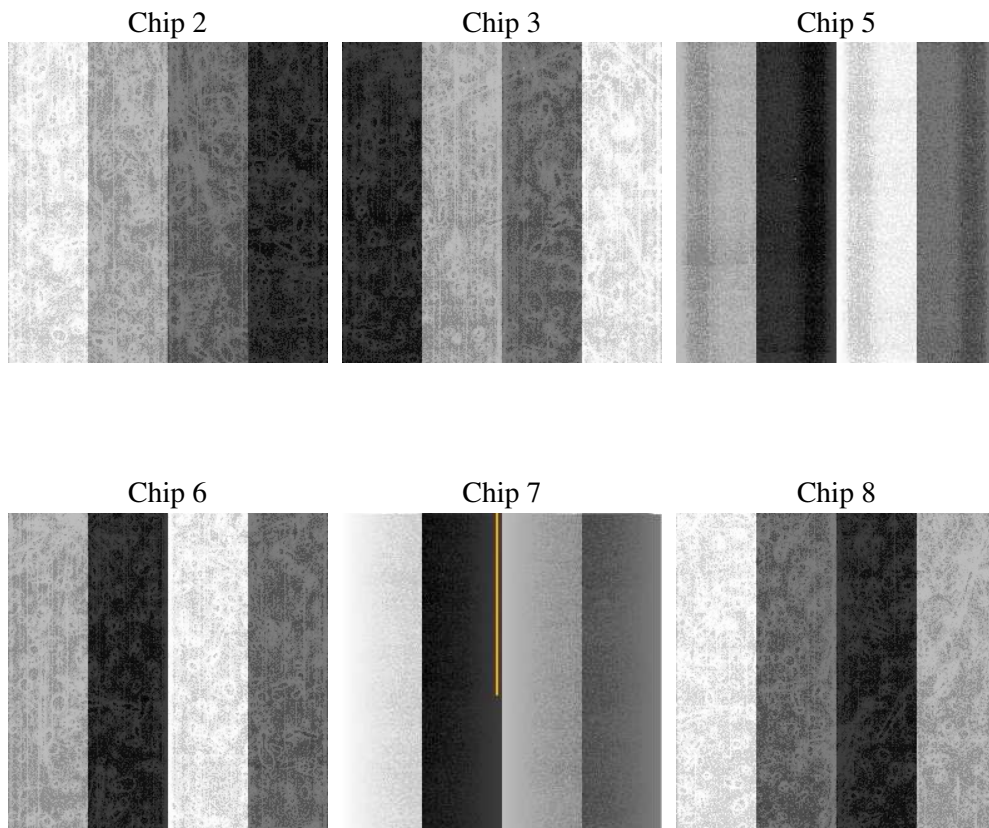
2 OBI

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	2006-11-04T16:24:23
revision	2

sched_exp_time	82000.000000
ontime	81939.060985103
ontime2	81932.579004779
ontime3	81932.579064533
ontime5	81939.060985103
ontime6	81932.579064533
ontime7	81939.060985103
ontime8	81935.820014849
l1events	6325467

2.1.4 Events

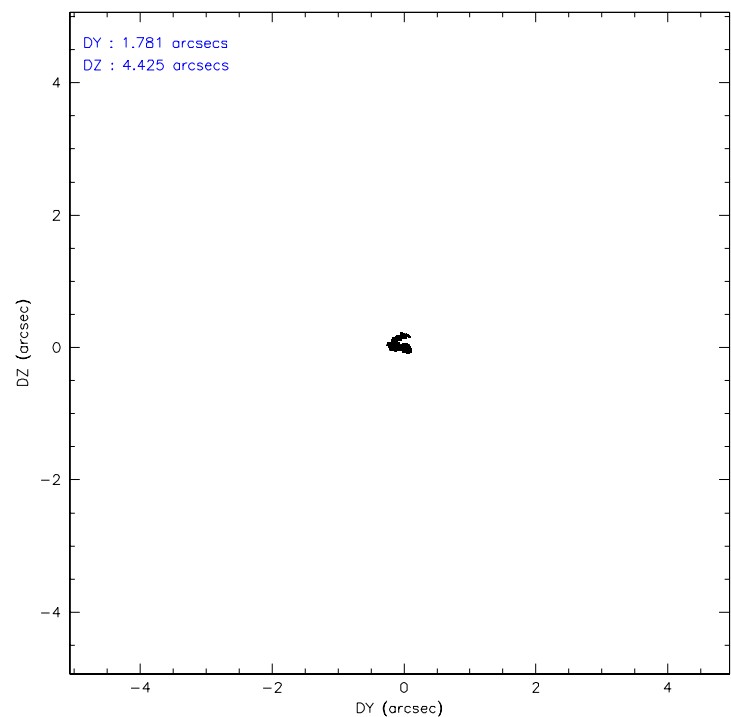
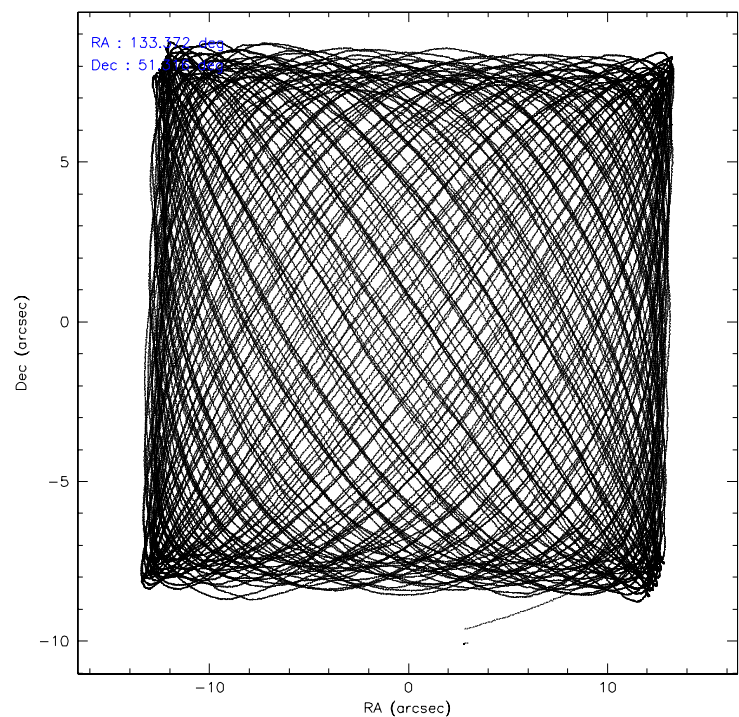
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	810966	757469	901575	1016539	699668	2139250
rejected events	643027	599467	485878	631161	412168	720763
rejected %	79%	79%	53%	62%	58%	33%

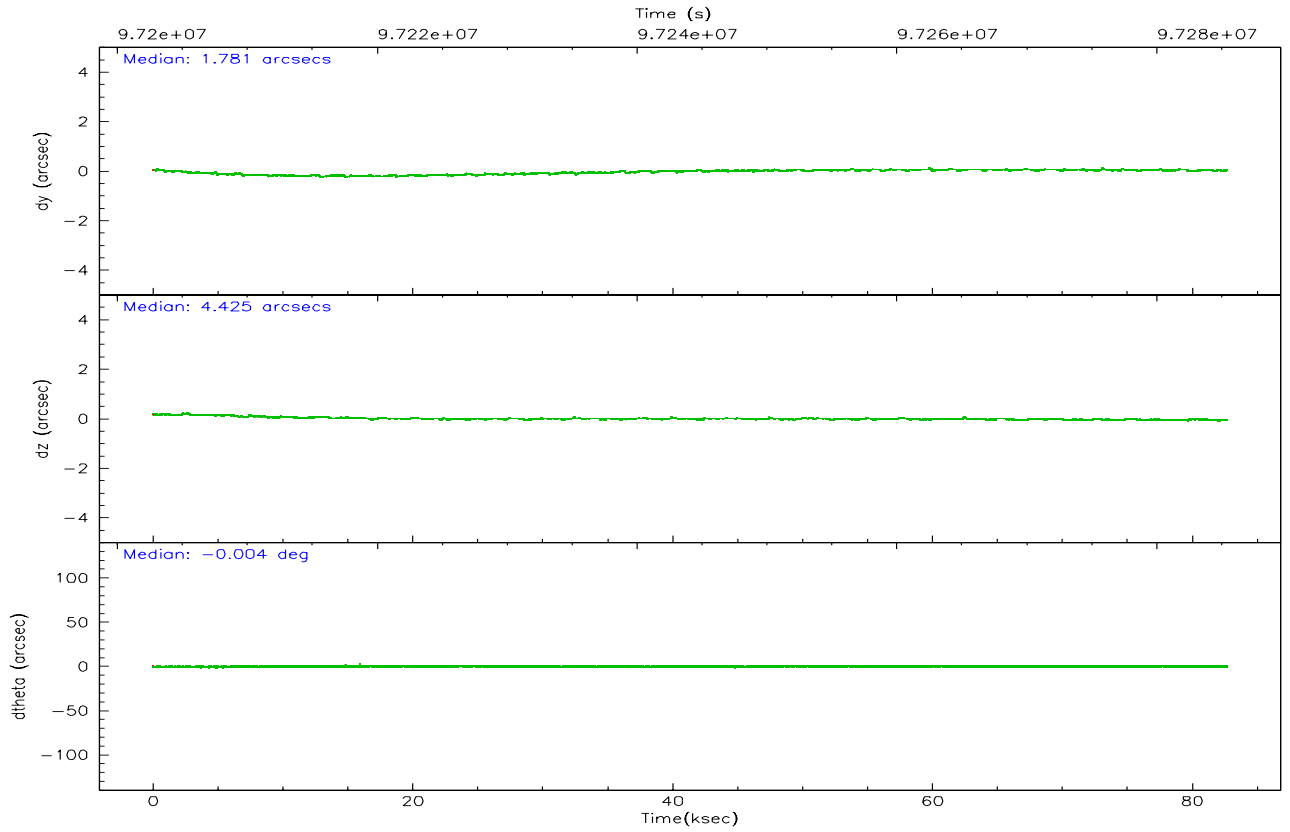
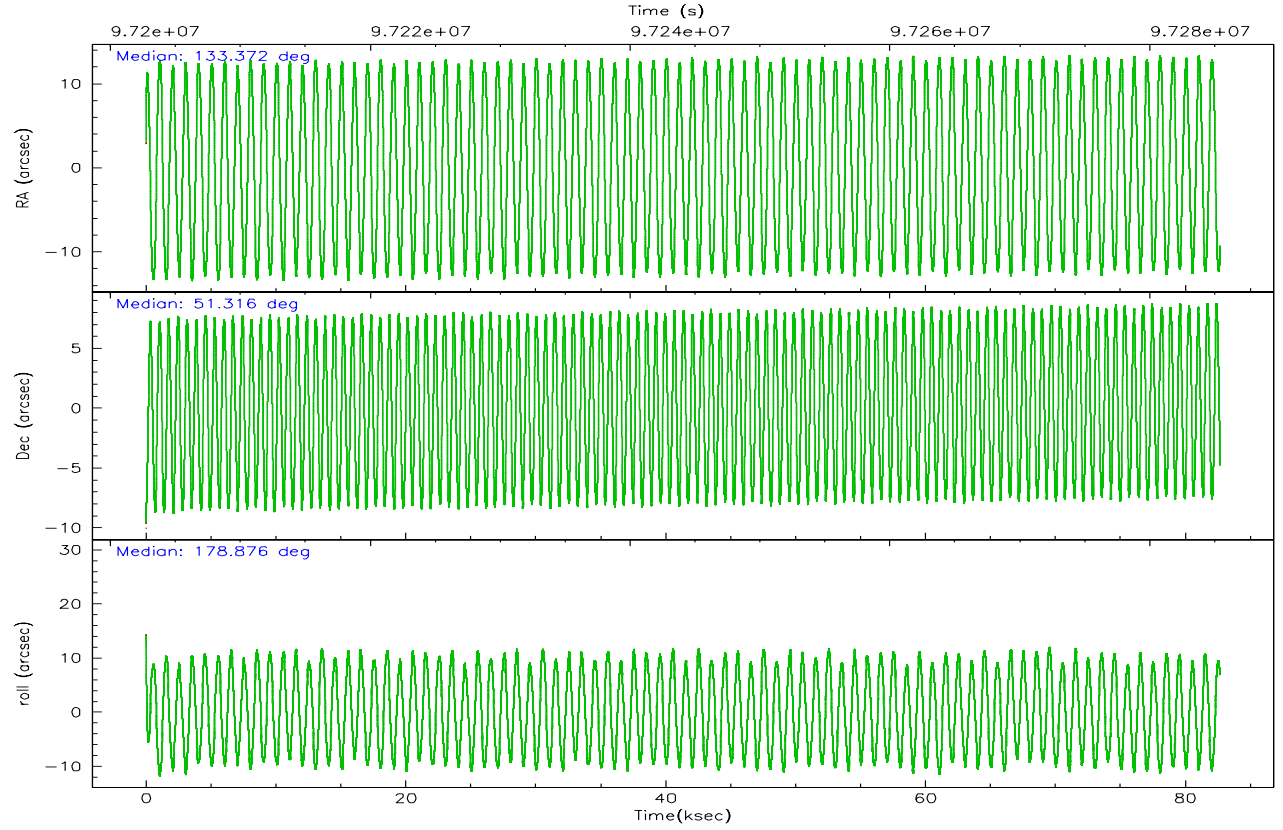
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	69550	52429	78686	234464	21902	519094
	8%	6%	8%	23%	3%	24%
grade 1 events	552	318	1647	1449	839	4323
	0%	0%	0%	0%	0%	0%
grade 2 events	46798	54395	119119	101870	74661	161078
	5%	7%	13%	10%	10%	7%
grade 3 events	5762	6514	18288	6944	18371	281145
	0%	0%	2%	0%	2%	13%
grade 4 events	11002	7449	17087	7778	18065	248026
	1%	0%	1%	0%	2%	11%
grade 5 events	17164	18443	41835	21513	44890	37696
	2%	2%	4%	2%	6%	1%
grade 6 events	34836	37229	182546	34347	154524	209282
	4%	4%	20%	3%	22%	9%
grade 7 events	625302	580692	442367	608174	366416	678606
	77%	76%	49%	59%	52%	31%

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	133.409362	133.3712514776604	Subarray requested	NONE	NONE
Pointing Dec	51.329236	51.31584621103193	Alternating exposures requested	N	N
Pointing Roll	178.698626	178.8850011009429	Primary exposure time	0.000000	3.2
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	97203424.184000	97202217.58508401			
Observation start date	2001-01-30T00:56:00	2001-01-30T00:36:57			
Observation end time	97285424.184000	97286286.55081999			
Observation end date	2001-01-30T23:42:40	2001-01-30T23:58:06			
Read mode	TIMED	TIMED			

2.3 Aspect



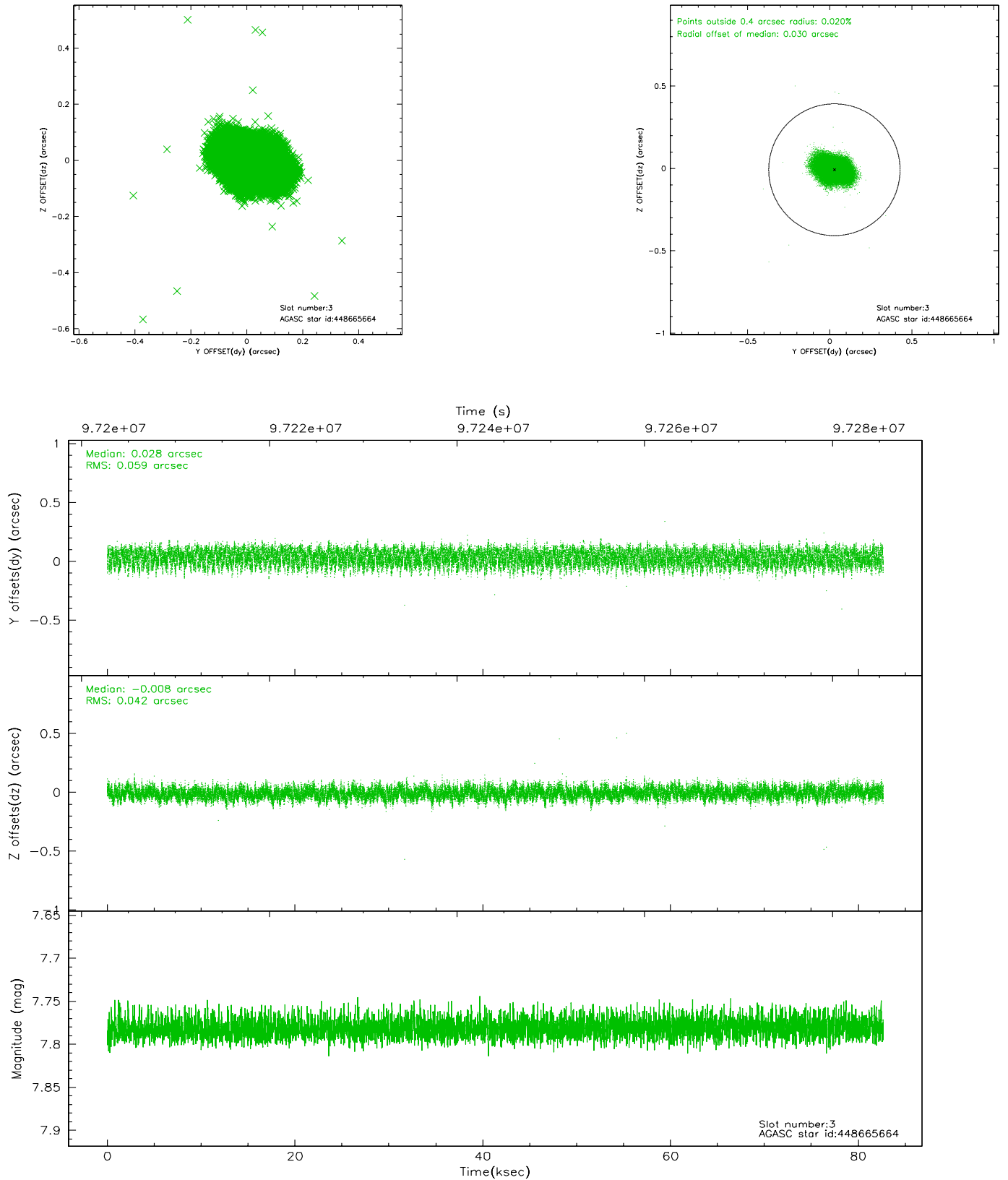


Slot Statistics

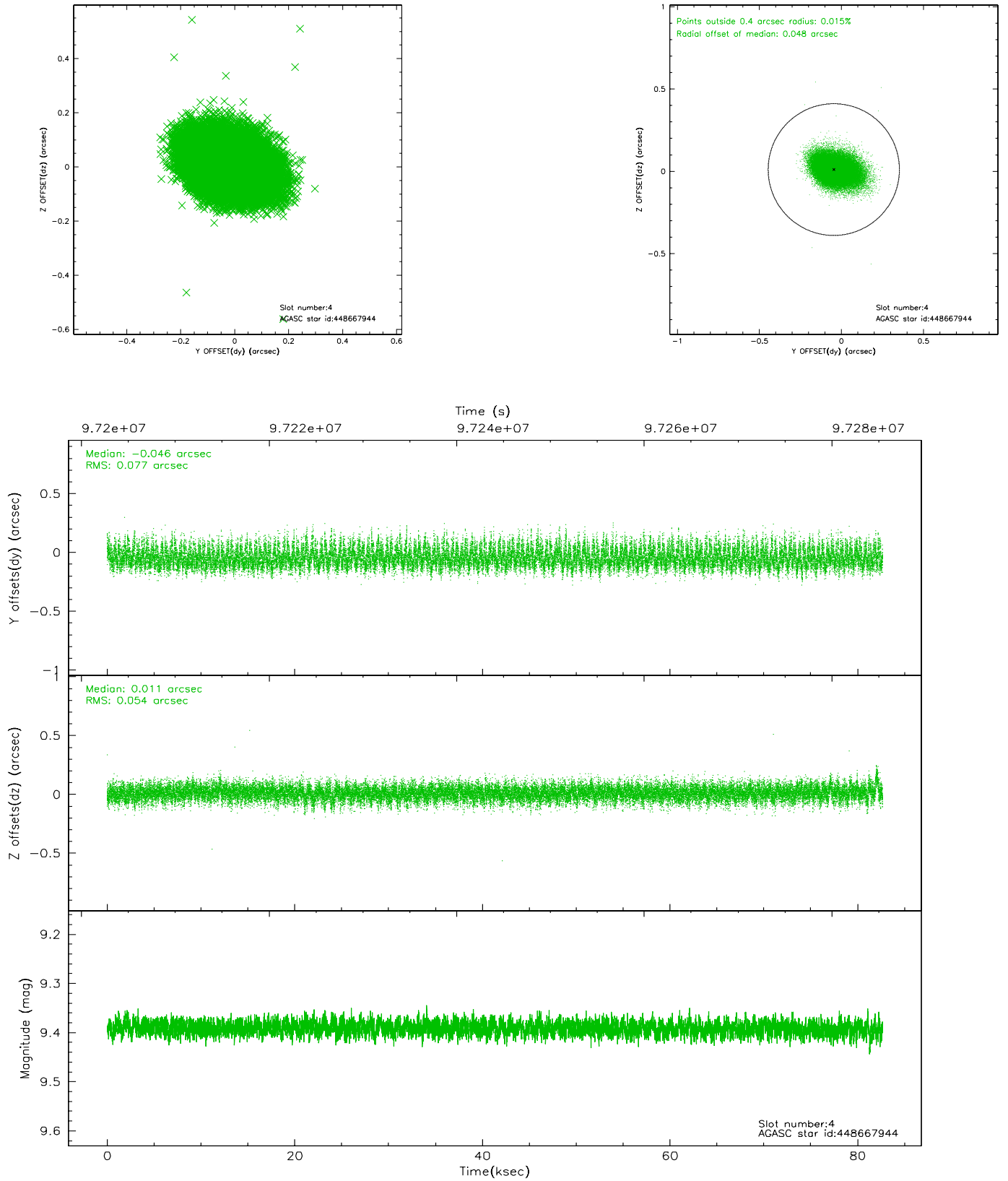
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	20167	-0.012	0.013	0.007	0.012	0.000000	0.000000	-754.35	-1725.47
1	FID	ACIS-S-4	7.20	20164	-0.076	0.002	0.006	0.011	0.000000	0.000000	2158.88	183.09
2	FID	ACIS-S-5	7.24	20165	0.057	-0.007	0.007	0.011	0.000000	0.000000	-1807.23	176.64
3	GUIDE	448665664	7.78	40326	0.028	-0.008	0.078	0.122	134.299090	50.741733	-2073.93	2056.35
4	GUIDE	448667944	9.39	40312	-0.046	0.011	0.098	0.165	132.778605	51.926965	1449.79	-2124.85
5	GUIDE	448663960	8.90	40316	0.018	-0.029	0.077	0.126	133.951795	51.786461	-1169.31	-1677.38
6	GUIDE	448668936	8.60	40262	-0.082	0.026	0.068	0.108	132.505246	51.657648	2046.40	-1147.90
7	GUIDE	448670504	9.32	40316	0.075	-0.001	0.073	0.120	133.685519	51.658893	-588.71	-1201.36

2.4 Star Slots

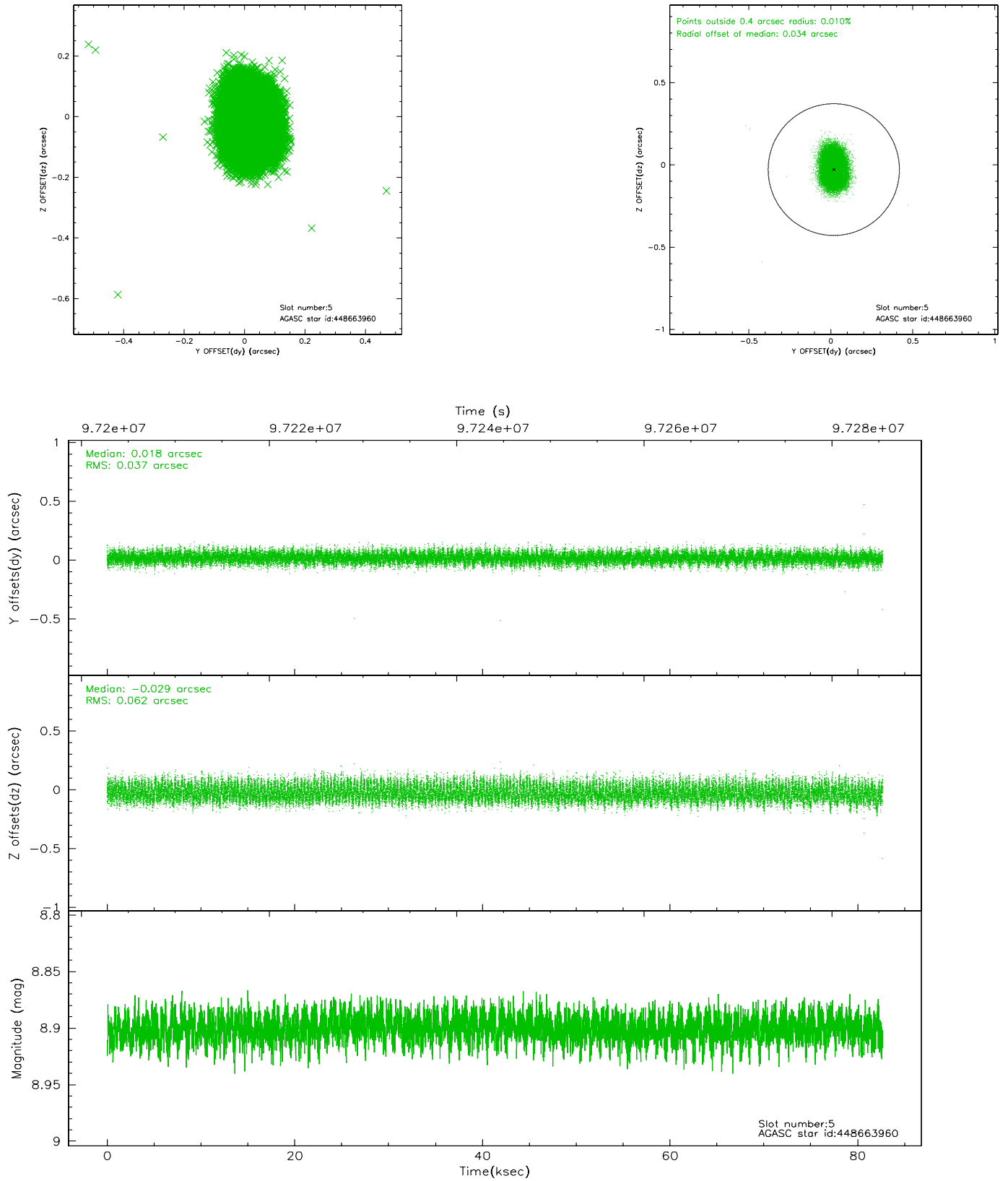
2.4.1 Slot 3



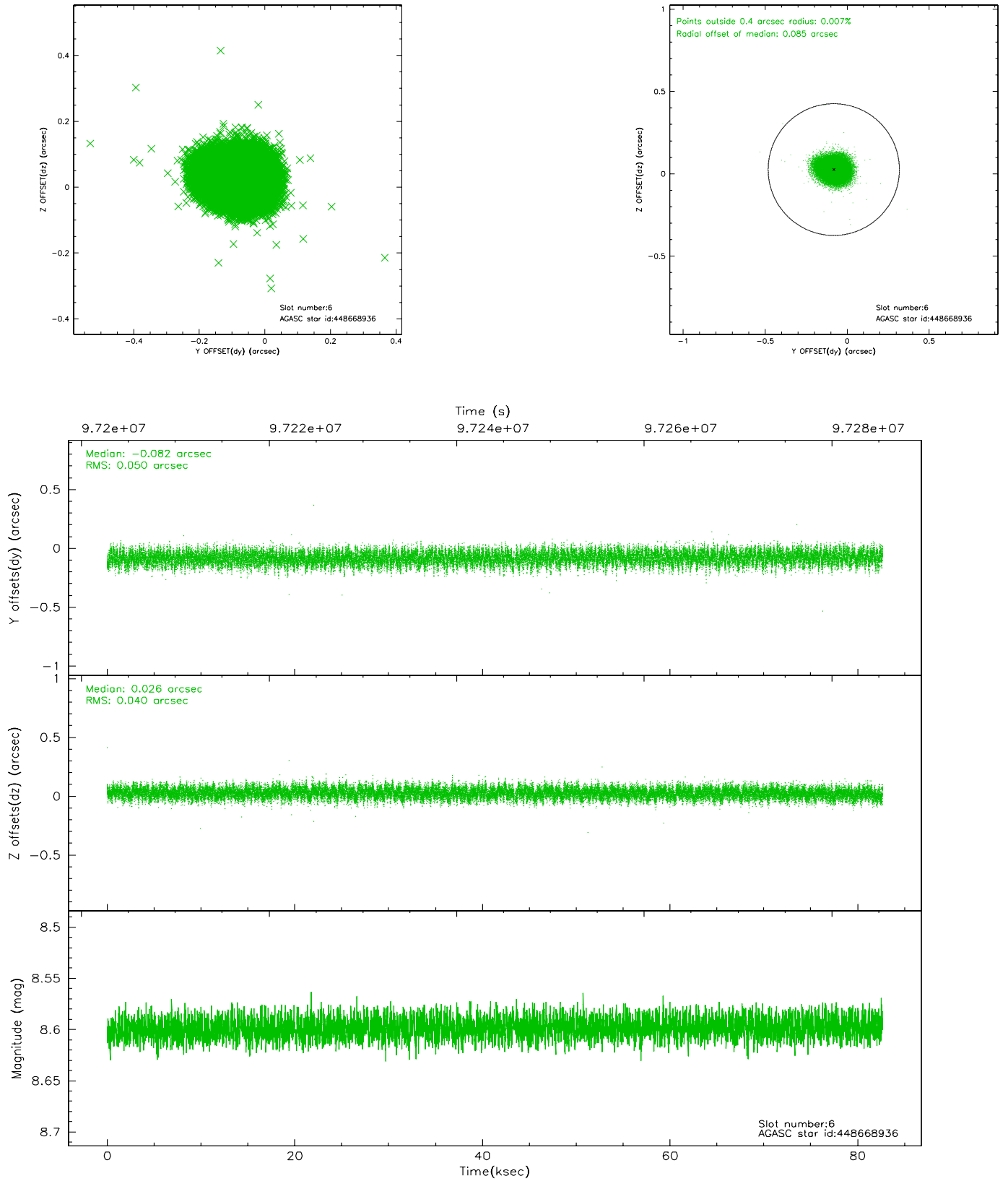
2.4.2 Slot 4



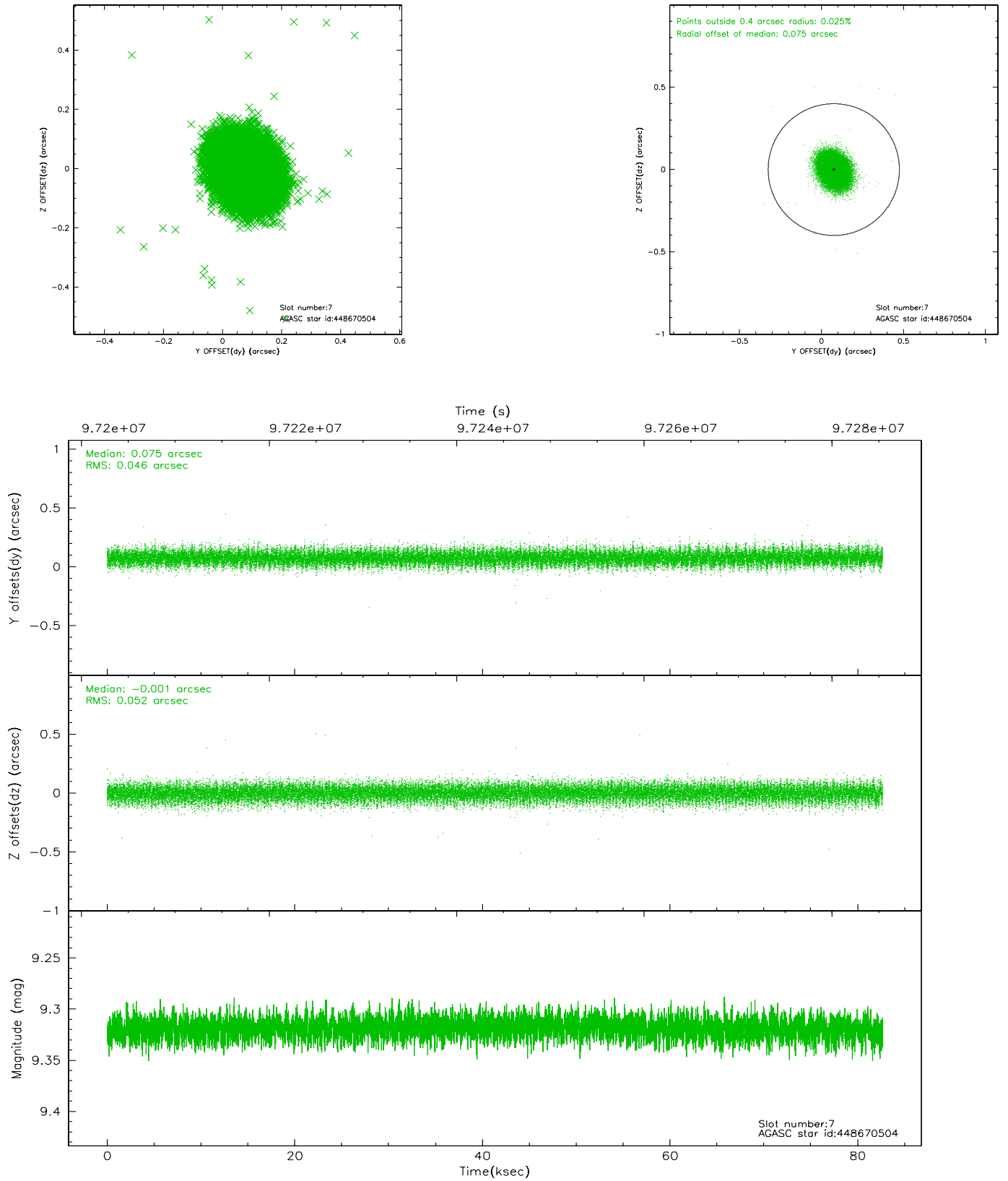
2.4.3 Slot 5



2.4.4 Slot 6

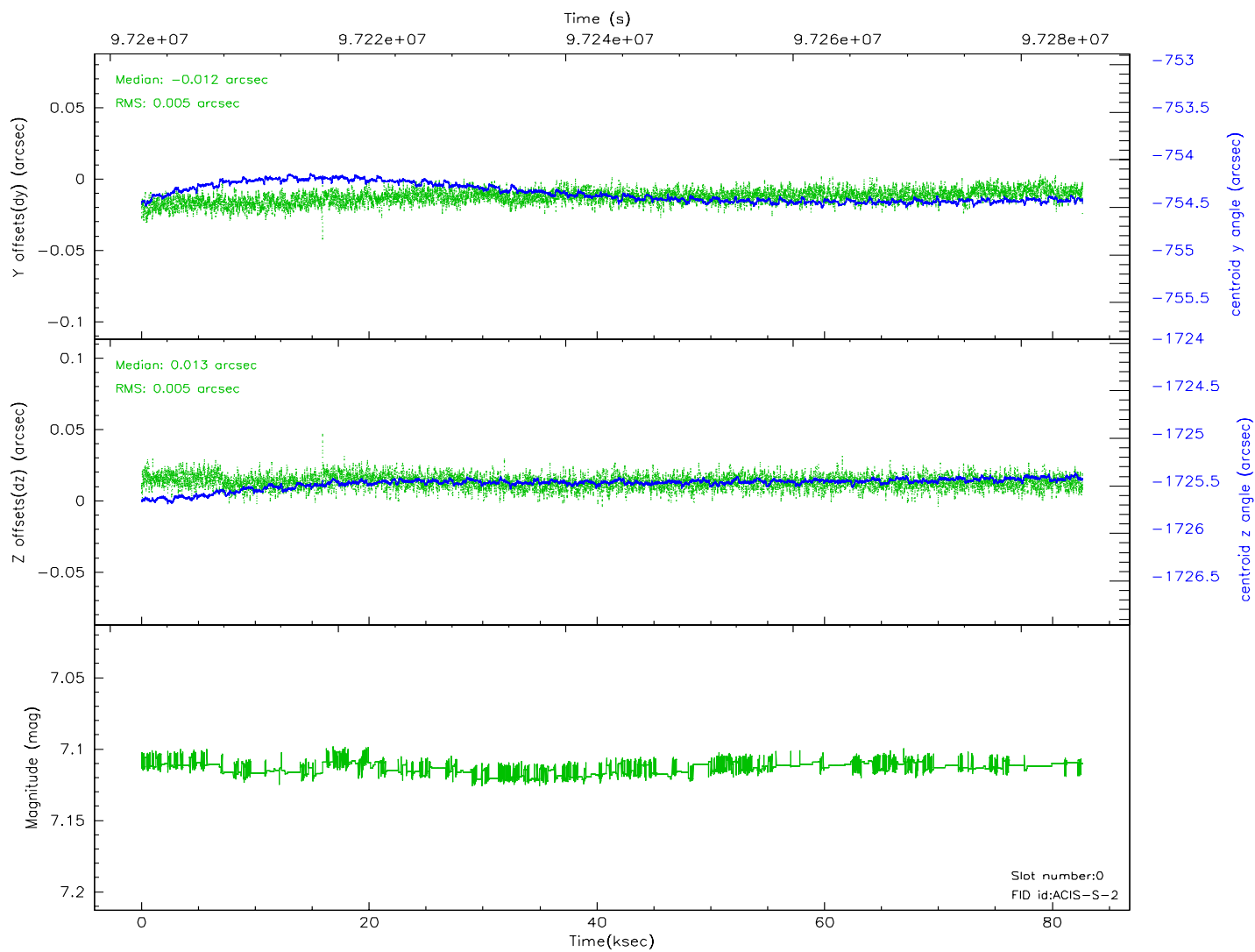
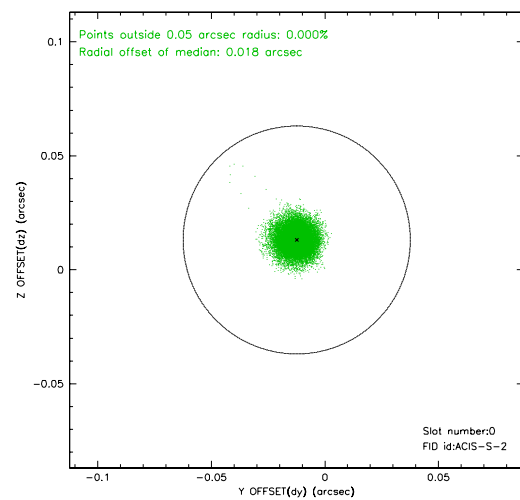
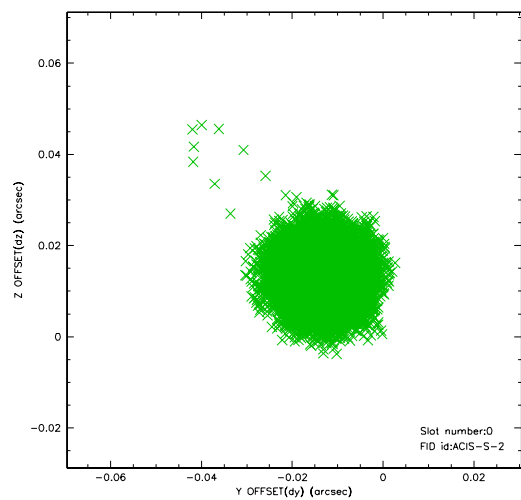


2.4.5 Slot 7

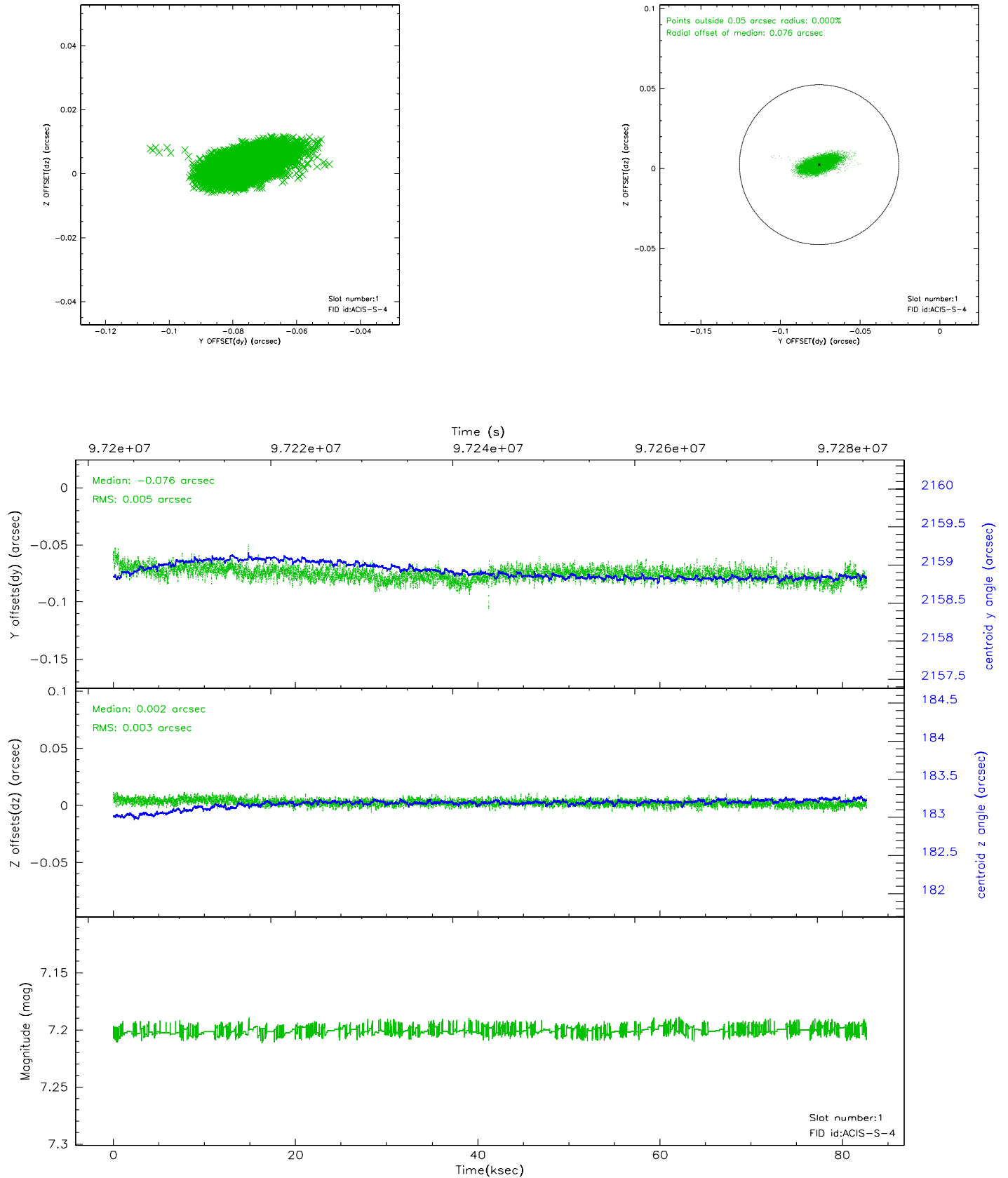


2.5 FID Slots

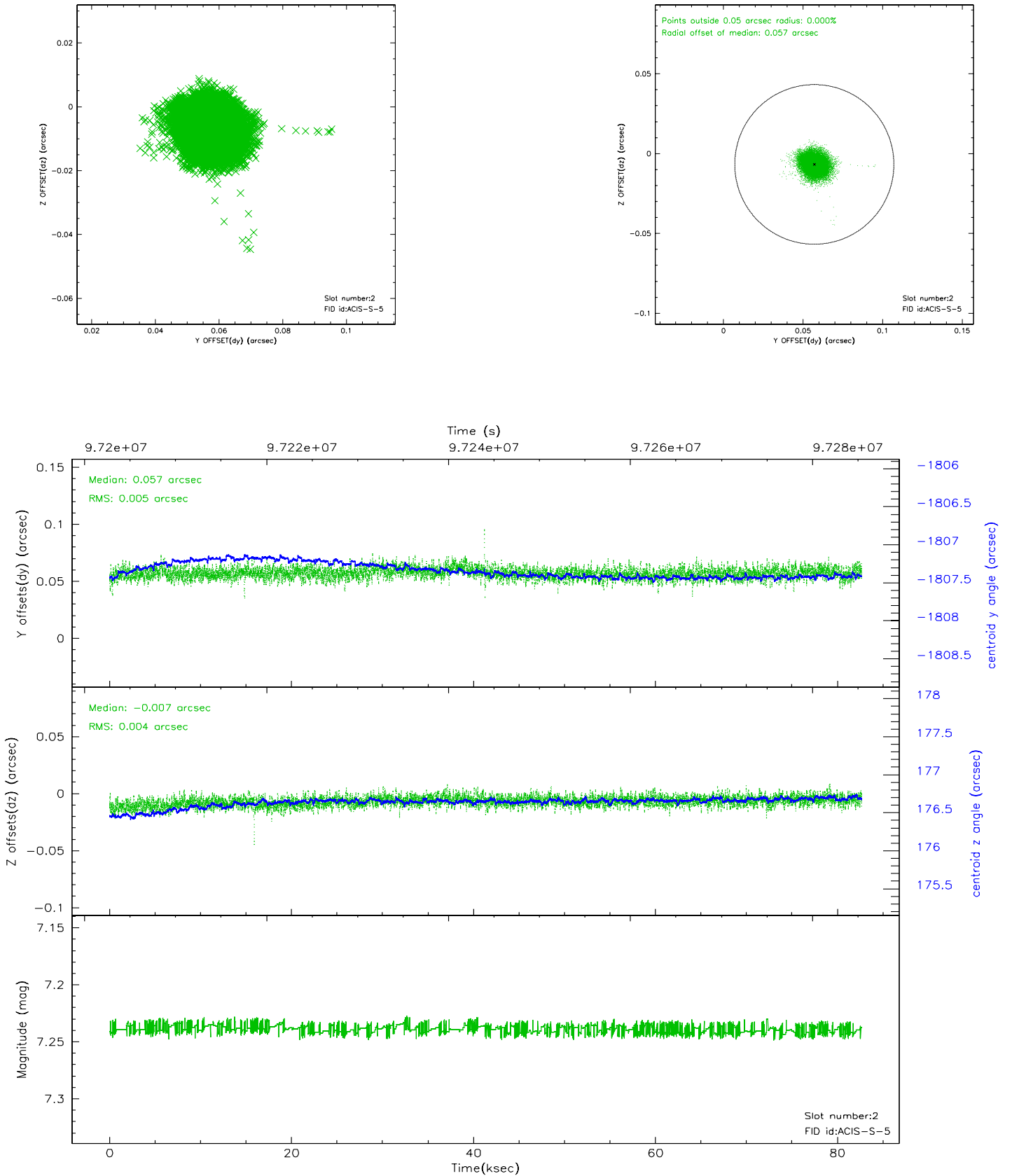
2.5.1 Slot 0



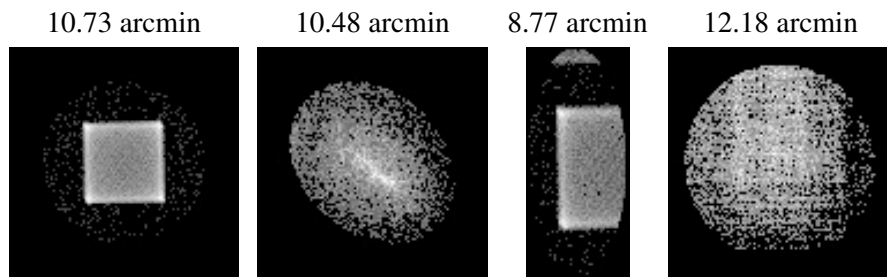
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	81.936

A.2 Comments