

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3930 - L2 Version 001
Chandra X-Ray Center

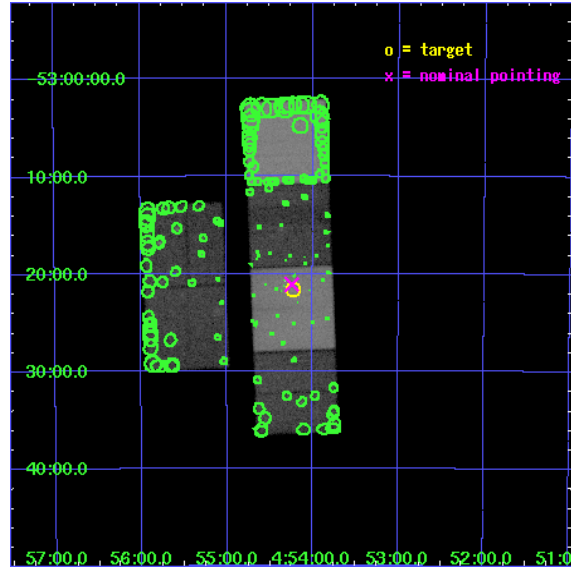
L2 Processing Date : Jul 6 2006

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1 Front

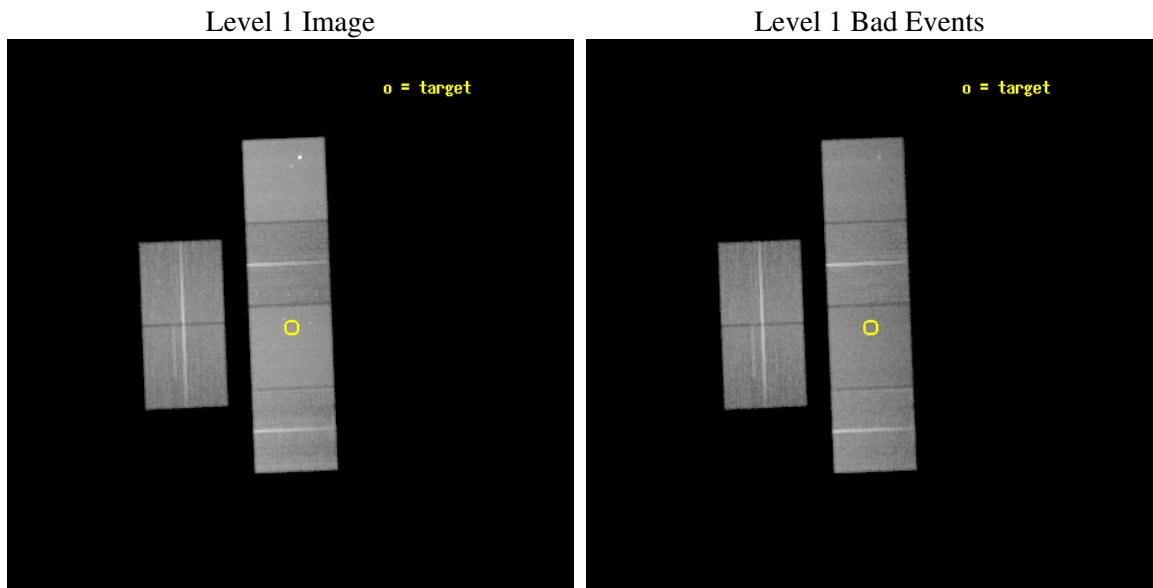
seq_num	600304
obs_id	3930
title	NGC 1705: TESTING THE PARADIGM OF THE WIND-DRIVEN EVOLUTION OF DWARF GALAXIES
observer	Dr. Tim Heckman
object	NGC 1705
dtcycle	0
cycle	P
ra_targ	73.557083
dec_targ	-53.361333
ra_nom	73.560553246975
dec_nom	-53.351905205108
roll_nom	87.717489124819
revision	3
ontime	57673.354013234
livetime	56943.059277994
ontime2	57647.426231235
ontime3	57670.112913579
ontime5	57676.59491381
ontime6	57670.112933367
ontime7	57673.354013234
ontime8	57673.353933603
l2events	611743



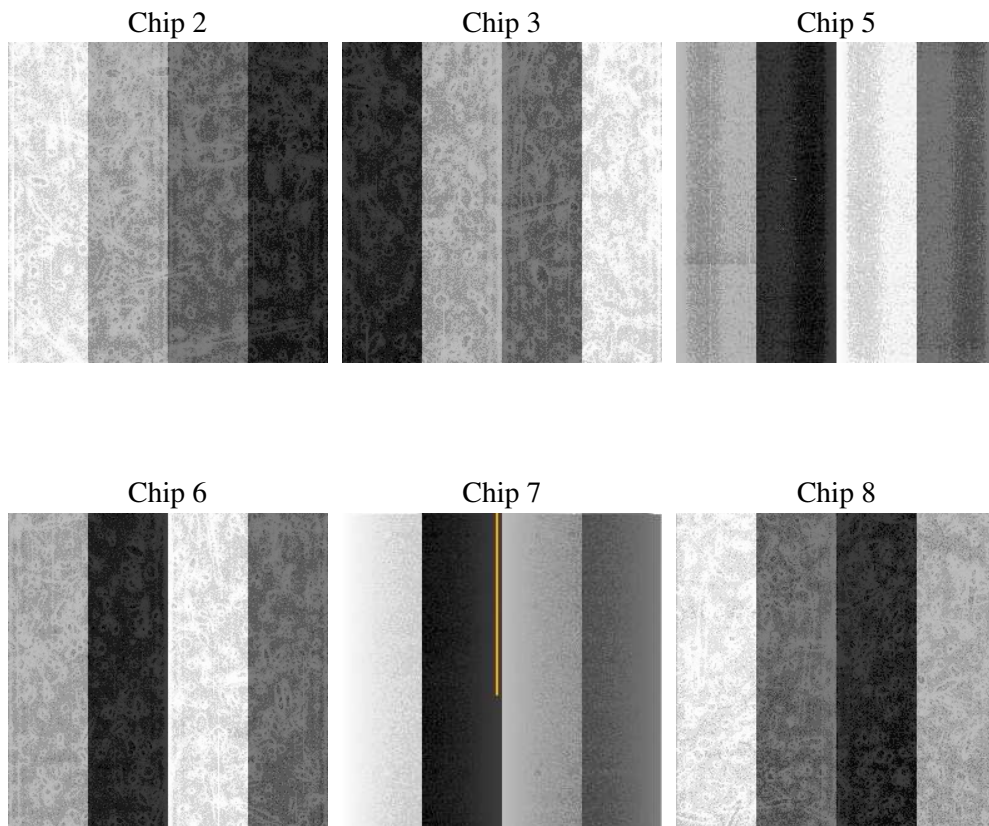
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-06T18:01:39
revision	3

sched_exp_time	57729.669000
ontime	57676.875121921
ontime2	57650.947320014
ontime3	57673.634022266
ontime5	57680.116022497
ontime6	57673.634022146
ontime7	57676.875121921
ontime8	57676.875042289
l1events	2605982

2.1.4 Events

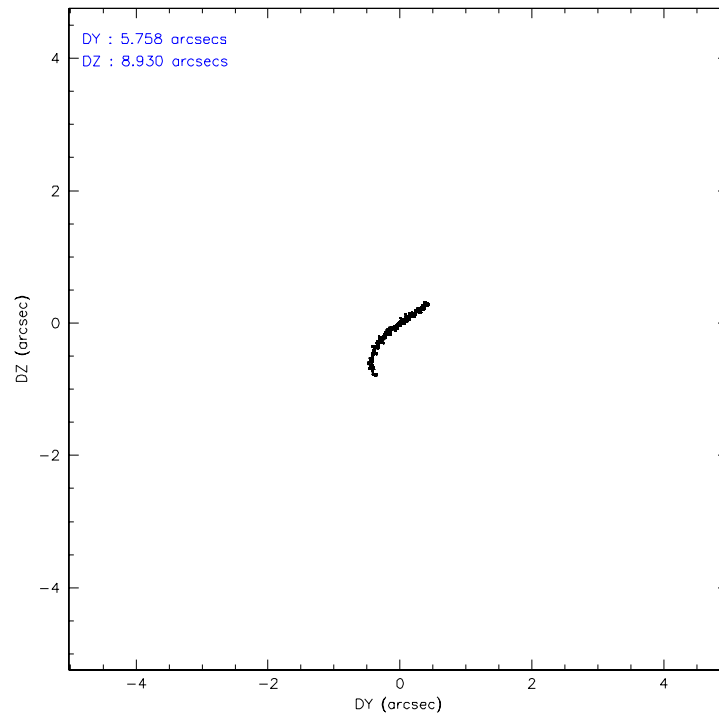
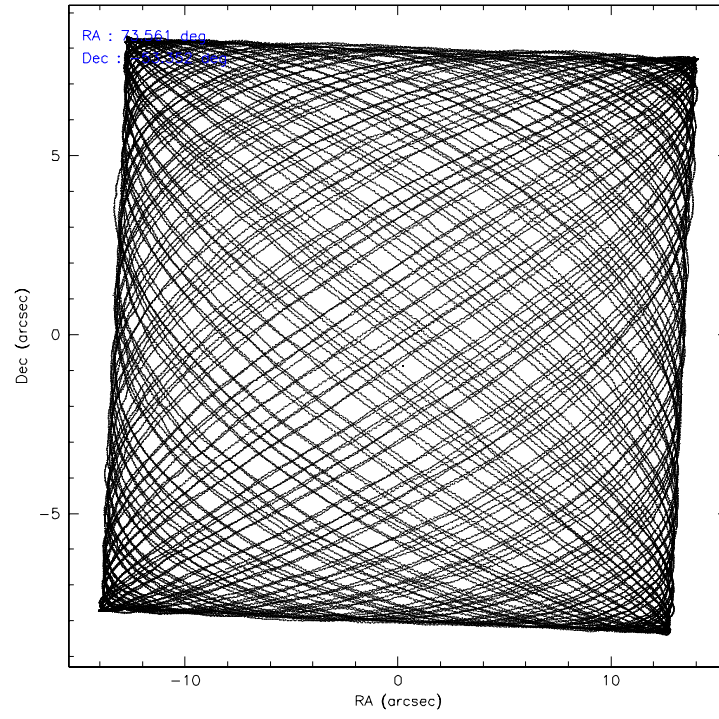
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	366550	347080	560392	367971	510327	453662
rejected events	321117	304002	300215	320898	302118	356968
rejected %	87%	87%	53%	87%	59%	78%

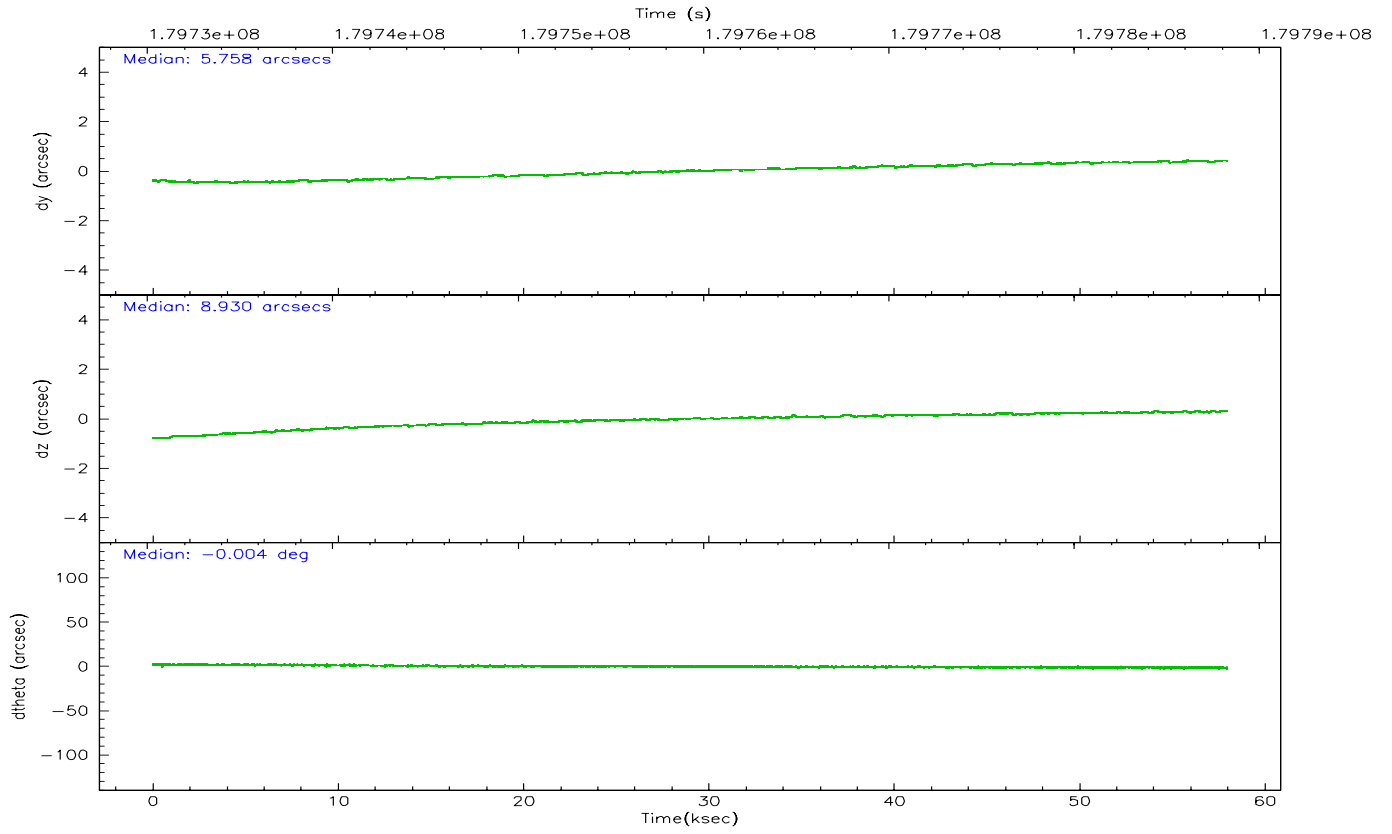
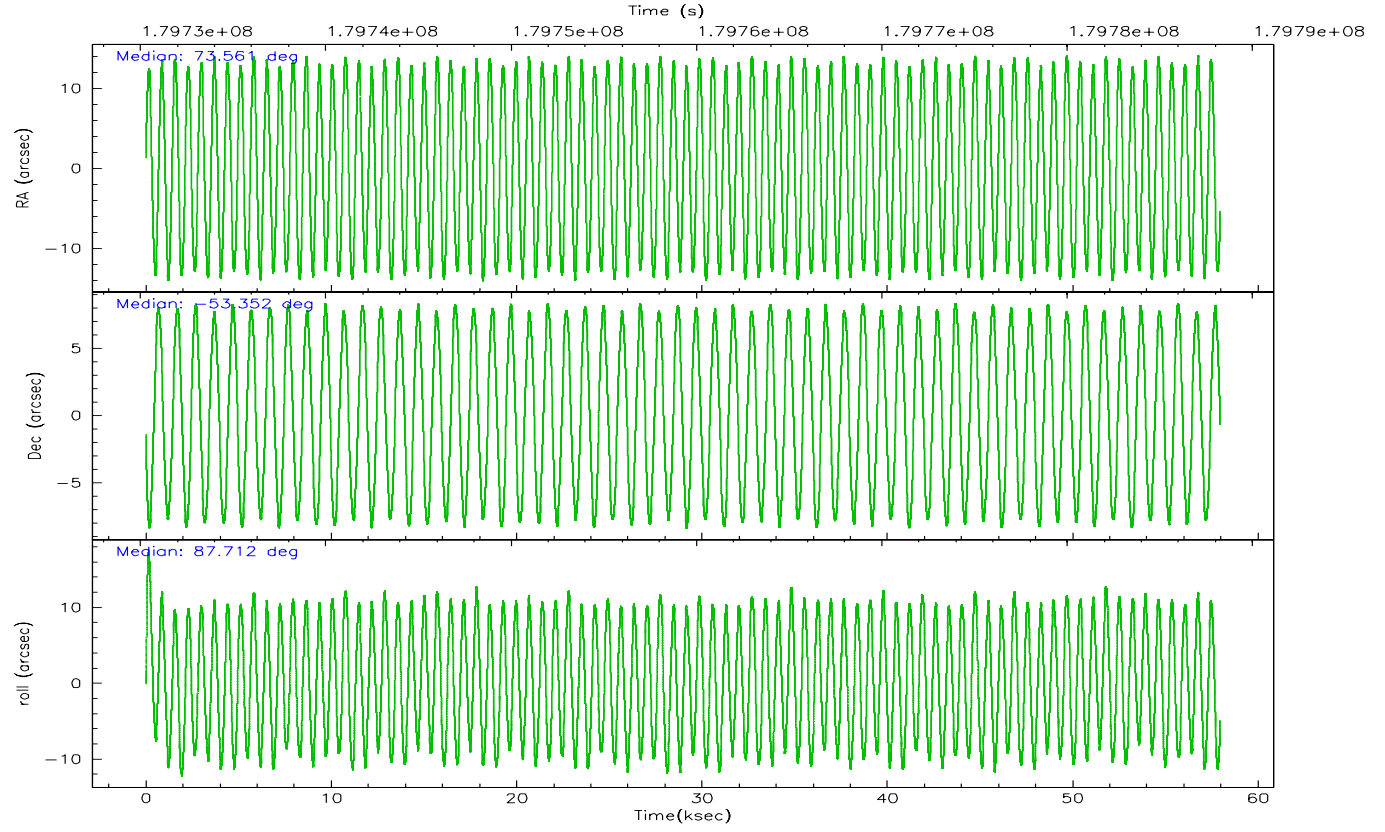
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	21150	19391	24058	20527	13862	32142
	5%	5%	4%	5%	2%	7%
grade 1 events	214	209	1044	190	279	333
	0%	0%	0%	0%	0%	0%
grade 2 events	9184	8177	79545	9455	49594	20766
	2%	2%	14%	2%	9%	4%
grade 3 events	4060	4158	6377	4265	10999	10024
	1%	1%	1%	1%	2%	2%
grade 4 events	3986	4031	6540	4133	10634	9595
	1%	1%	1%	1%	2%	2%
grade 5 events	14016	15615	26342	16484	31852	20670
	3%	4%	4%	4%	6%	4%
grade 6 events	7069	7324	143668	8696	123134	24177
	1%	2%	25%	2%	24%	5%
grade 7 events	306871	288175	272818	304221	269973	335955
	83%	83%	48%	82%	52%	74%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	73.582334	73.56055324697472	Alternating exposures requested	N	N
Pointing Dec	-53.375814	-53.35190520510818	Primary exposure time	0.000000	3.2
Pointing Roll	87.578338	87.71748912481921			
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	179730533.184000	179729549.62196			
Observation start date	2003-09-12T05:07:49	2003-09-12T04:52:29			
Observation end time	179788263.184000	179788577.83699			
Observation end date	2003-09-12T21:09:59	2003-09-12T21:16:17			
Read mode	TIMED	TIMED			

2.3 Aspect



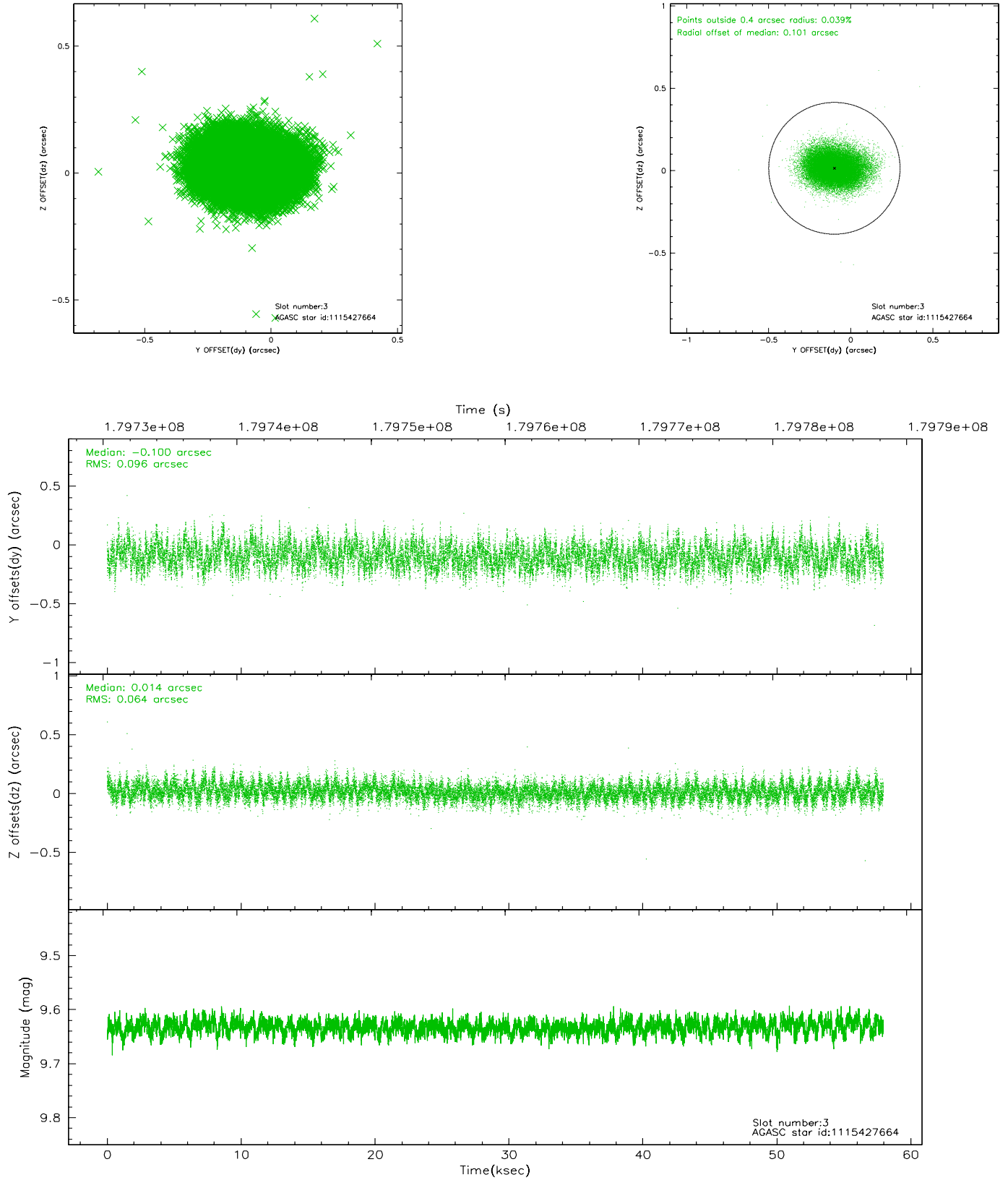


Slot Statistics

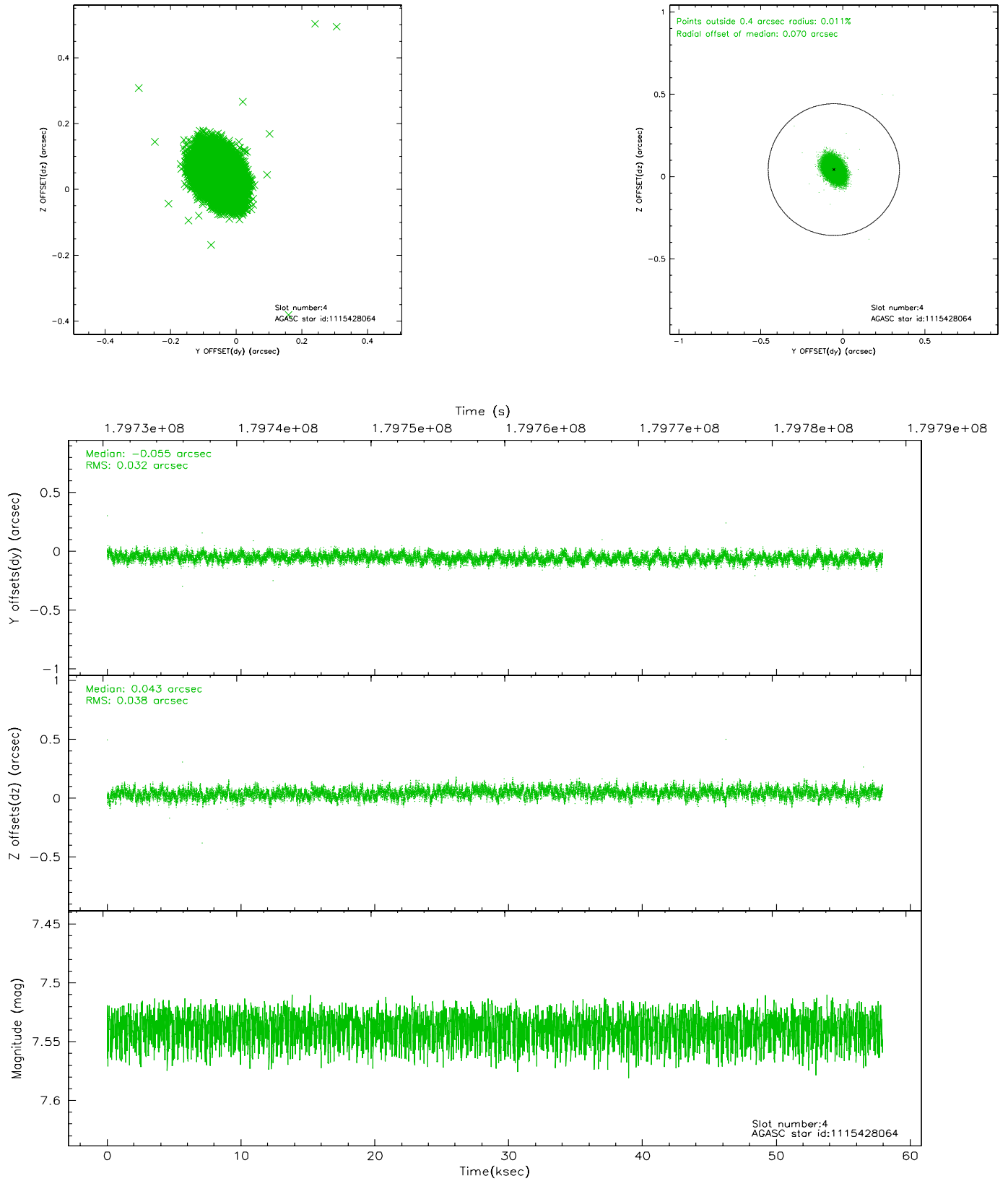
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	14102	-0.035	-0.017	0.013	0.020	0.000000	0.000000	-758.50	-1730.09
1	FID	ACIS-S-4	7.20	14099	0.033	0.022	0.022	0.030	0.000000	0.000000	2154.87	178.46
2	FID	ACIS-S-5	7.23	14100	-0.029	0.004	0.022	0.034	0.000000	0.000000	-1811.39	172.09
3	GUIDE	1115427664	9.63	28200	-0.100	0.014	0.123	0.200	72.793362	-52.885145	1682.89	1786.86
4	GUIDE	1115428064	7.54	28227	-0.055	0.043	0.053	0.086	74.135555	-53.027377	1299.43	-1143.66
5	GUIDE	1115430448	9.07	28203	0.092	0.085	0.076	0.121	74.034426	-53.856897	-1692.53	-1032.38
6	GUIDE	1115437512	8.86	28189	0.048	0.103	0.088	0.142	74.466277	-53.817891	-1522.11	-1944.80
7	GUIDE	1115429648	9.01	28208	0.011	-0.248	0.112	0.172	72.495760	-53.281703	221.73	2349.90

2.4 Star Slots

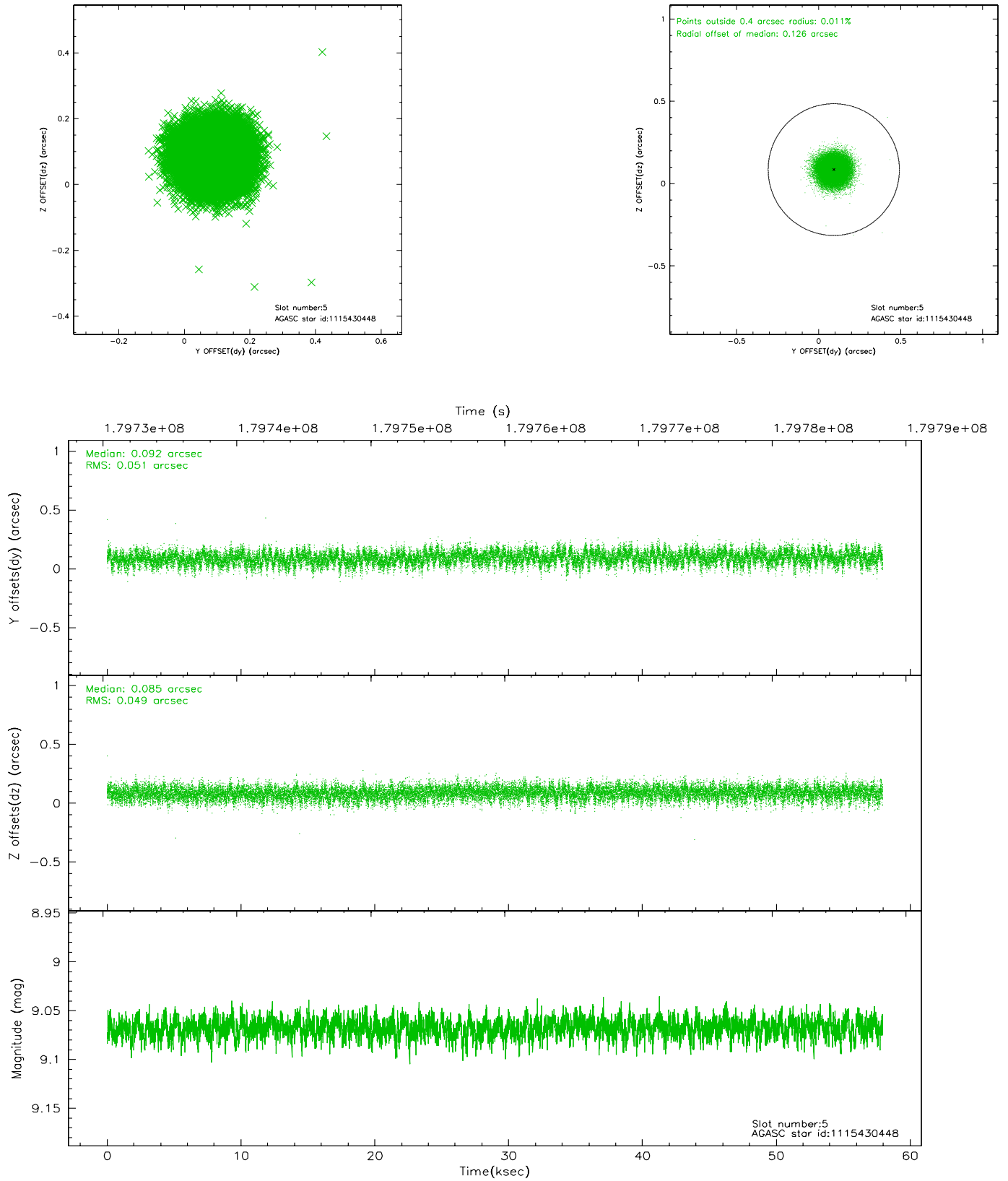
2.4.1 Slot 3



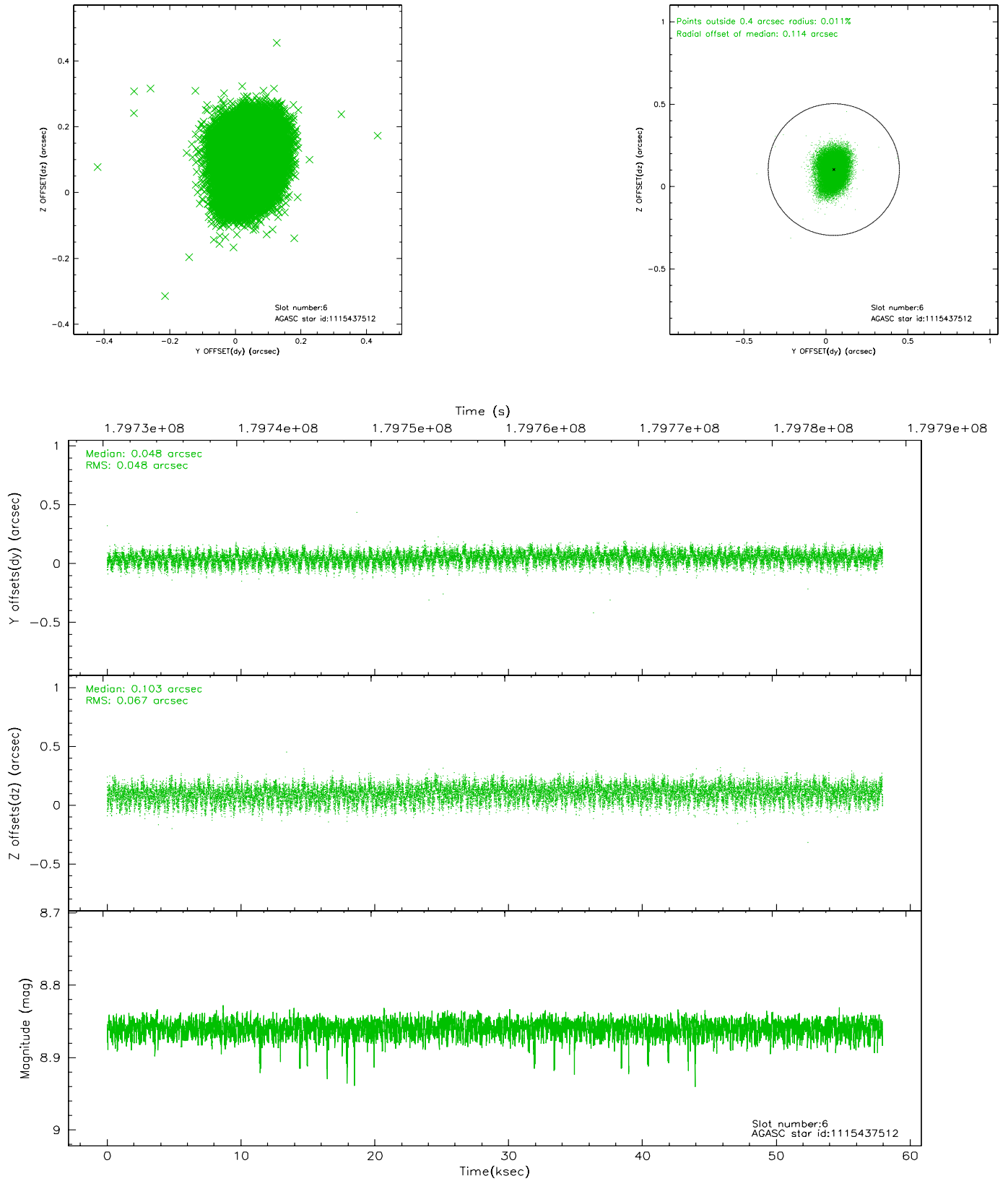
2.4.2 Slot 4



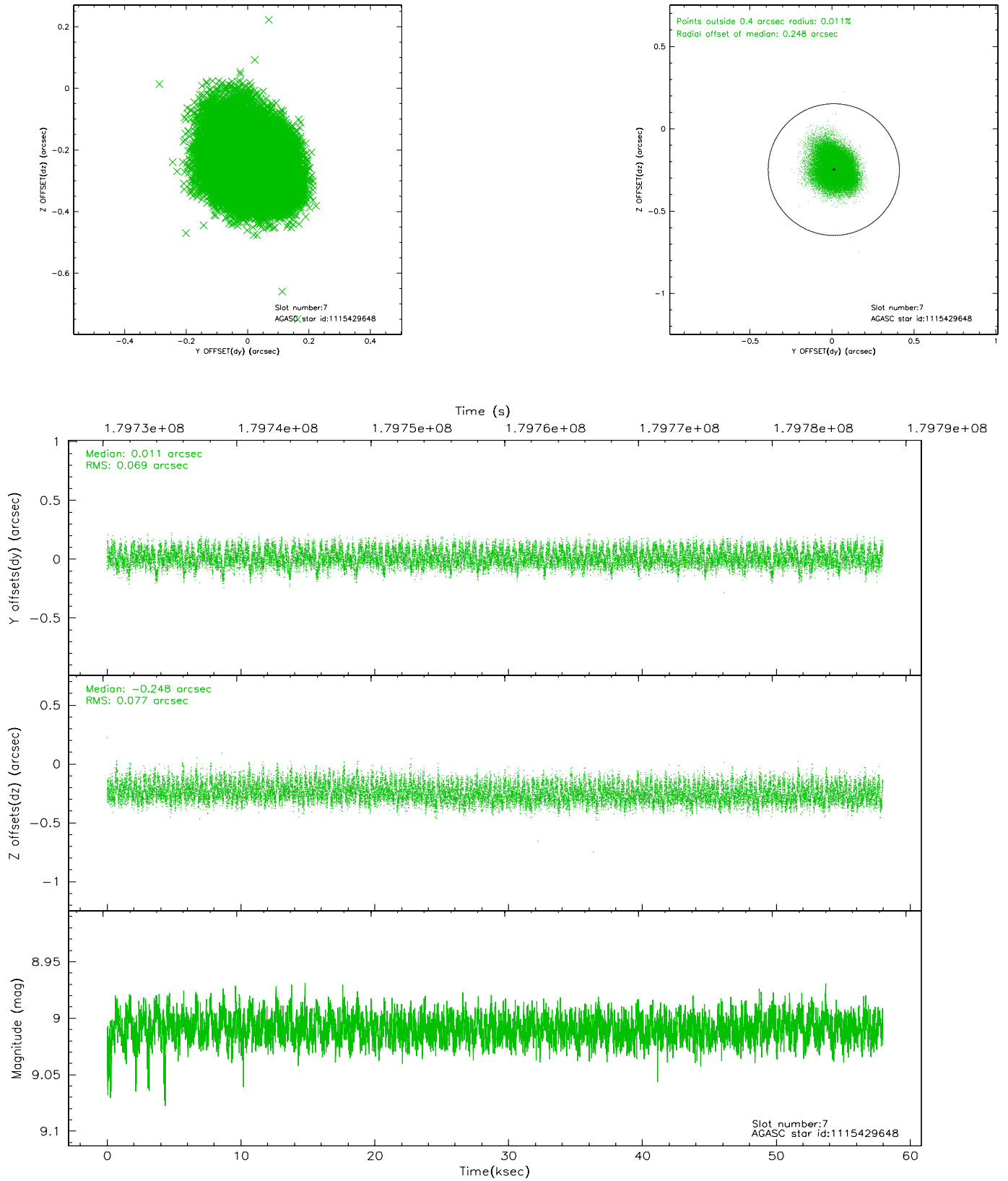
2.4.3 Slot 5



2.4.4 Slot 6

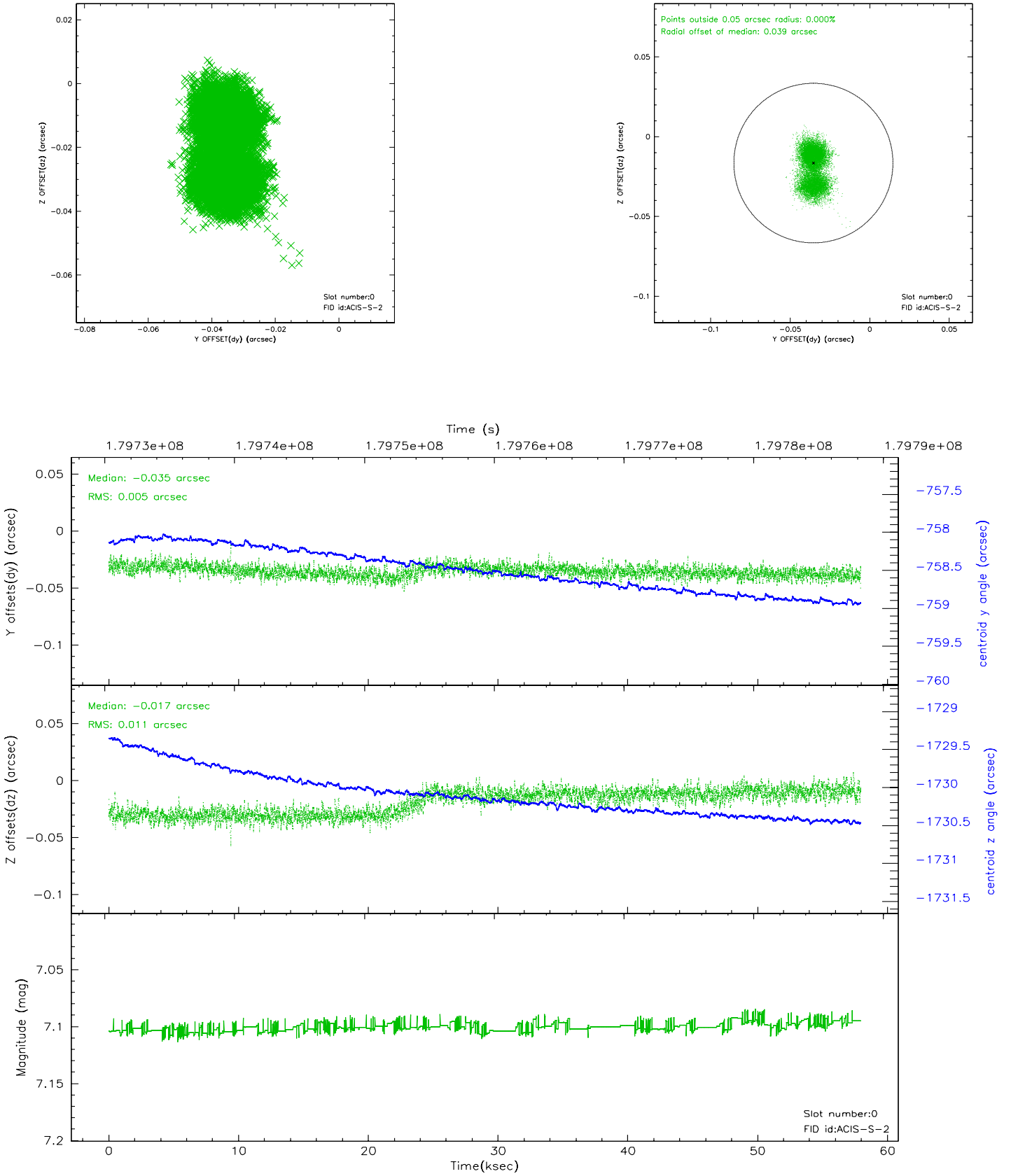


2.4.5 Slot 7

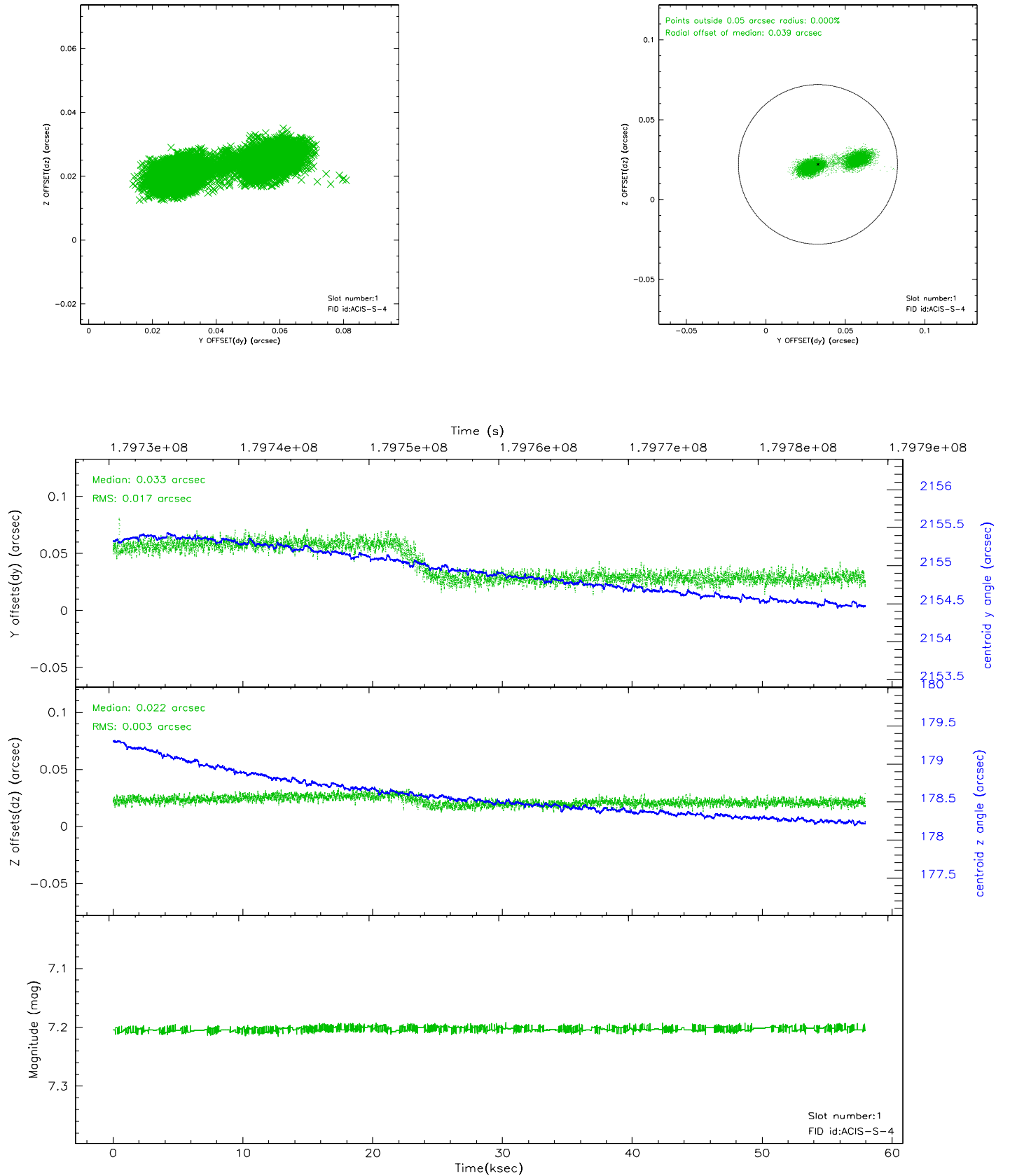


2.5 FID Slots

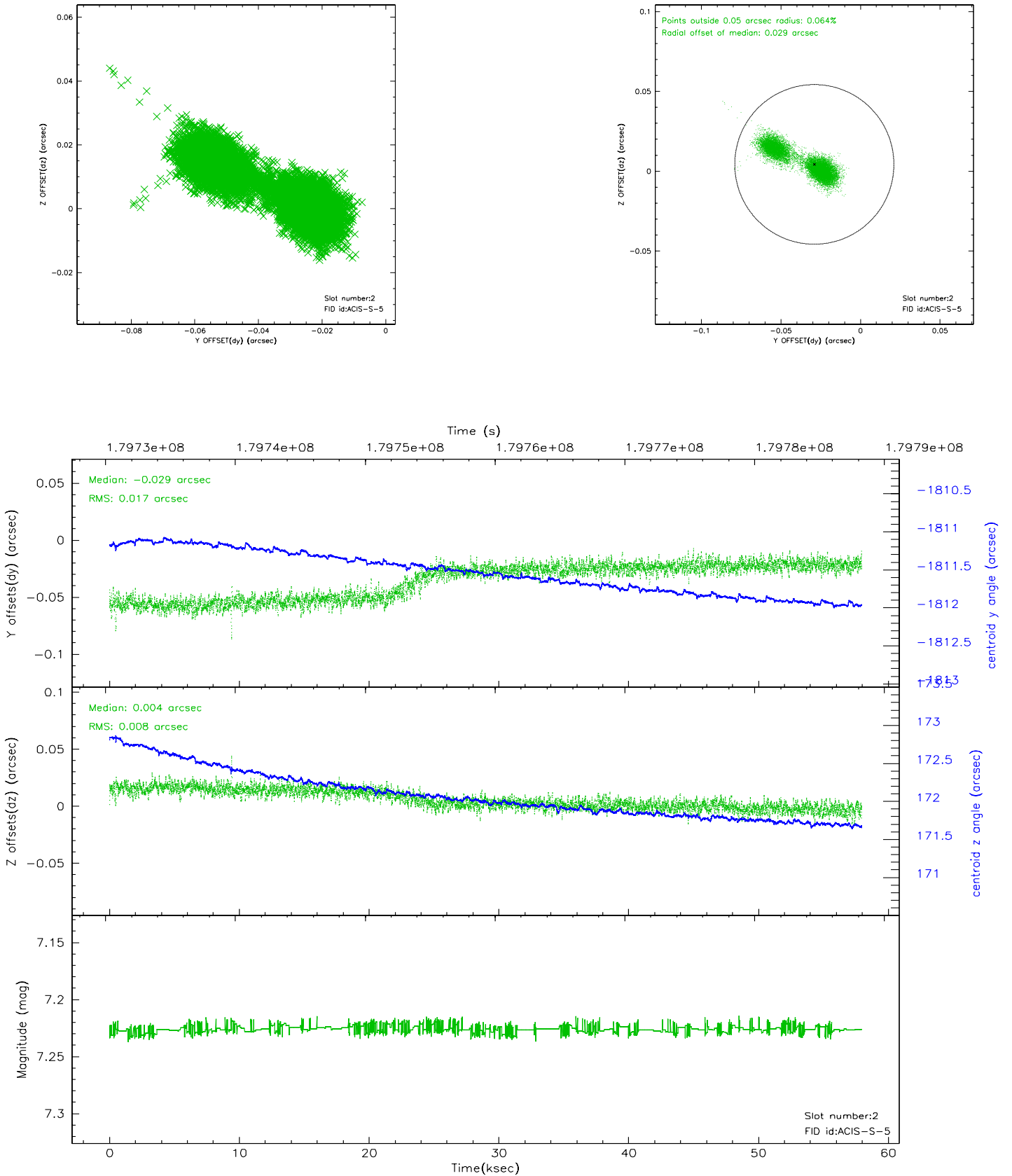
2.5.1 Slot 0



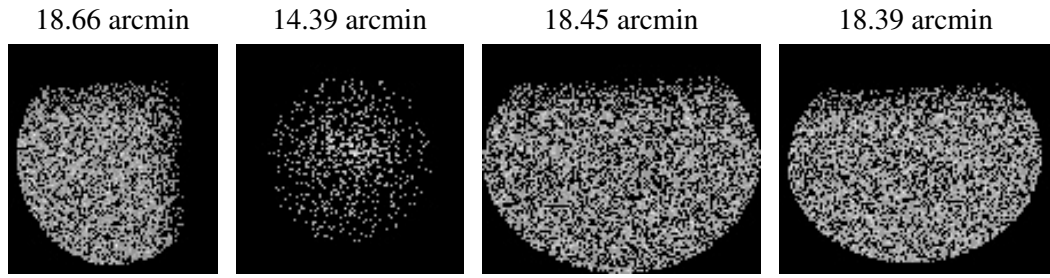
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2006.07.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	57.673

A.2 Comments

Two CCD bias maps were incomplete because of data gaps in telemetry. Bias maps for chips 6 and 7 were reconstructed using scaled data from a comparable bias map for another observation to fill the data gaps.