

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3835 - L2 Version 001
Chandra X-Ray Center

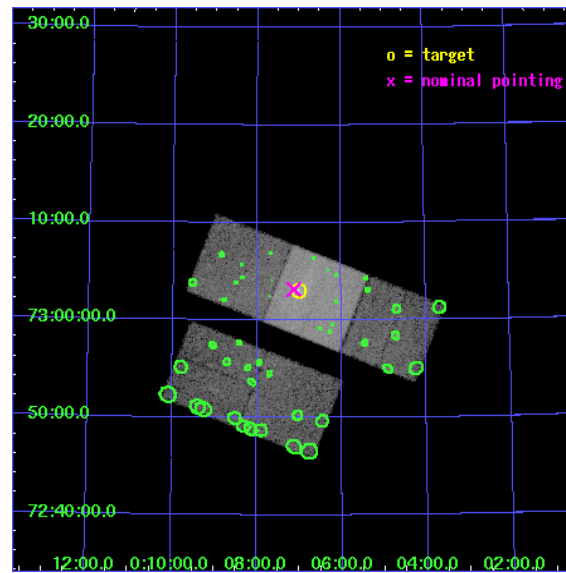
L2 Processing Date : Aug 4 2006

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1 Front

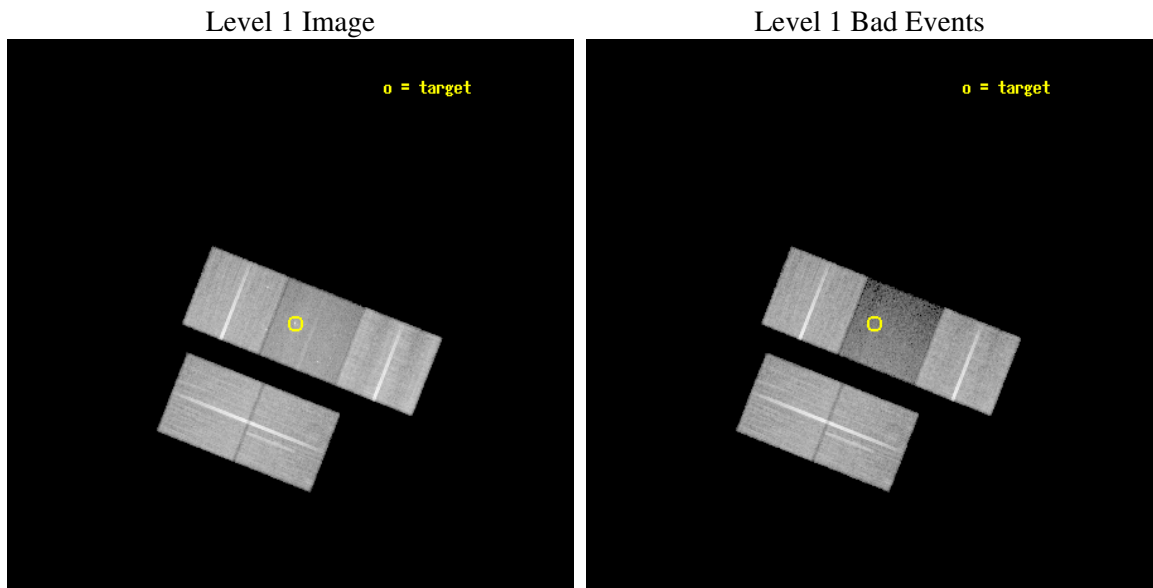
seq_num	500314
obs_id	3835
title	IMAGING AND SPECTROSCOPY OF THE PULSAR EXPECTED IN CTA1
observer	Prof. JULES HALPERN
object	RX J0007.0+7303
dtcycle	0
cycle	P
ra_targ	1.75
dec_targ	73.050833
ra_nom	1.782477686527
dec_nom	73.052748067644
roll_nom	21.501879317879
revision	2
ontime	50139.399903595
liveltime	49484.291731766
ontime2	50133.117943168
ontime3	50133.117973179
ontime6	50129.977002889
ontime7	50139.399903595
ontime8	50133.117963105
l2events	178125



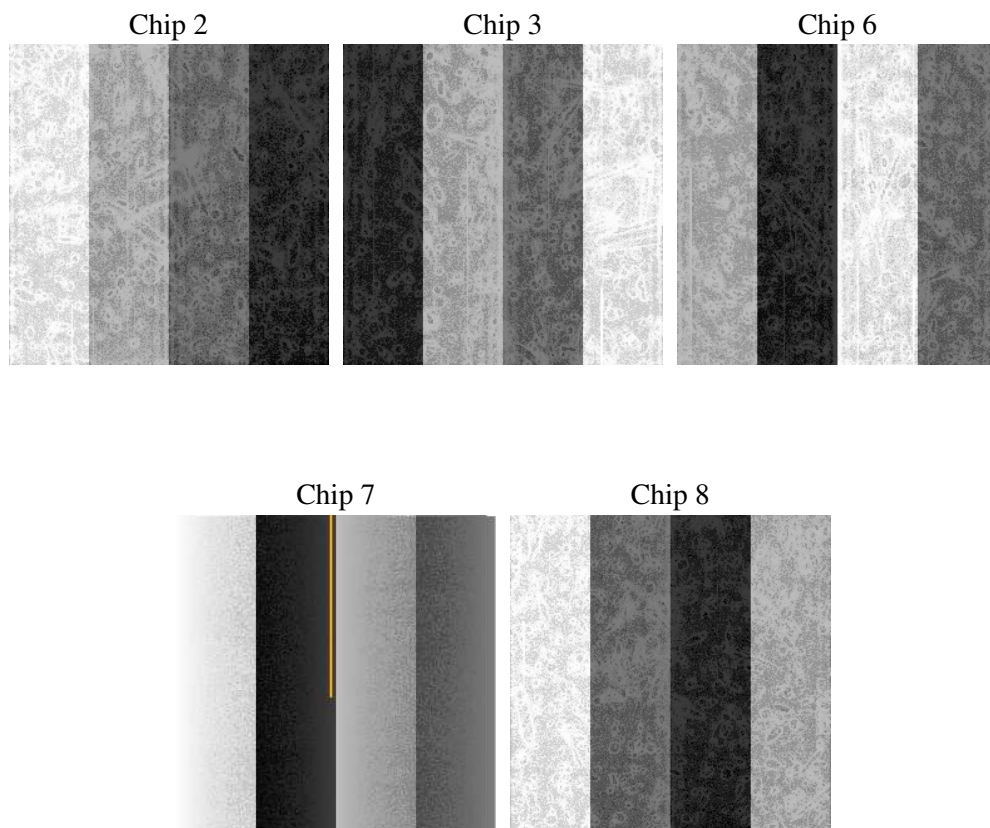
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldbver	3.2.2
date	2006-08-04T19:12:16
revision	2

sched_exp_time	50000.000000
ontime	50463.331371754
ontime2	50457.049411327
ontime3	50457.049441338
ontime6	50453.908471048
ontime7	50463.331371754
ontime8	50457.049431264
l1events	1123962

2.1.4 Events

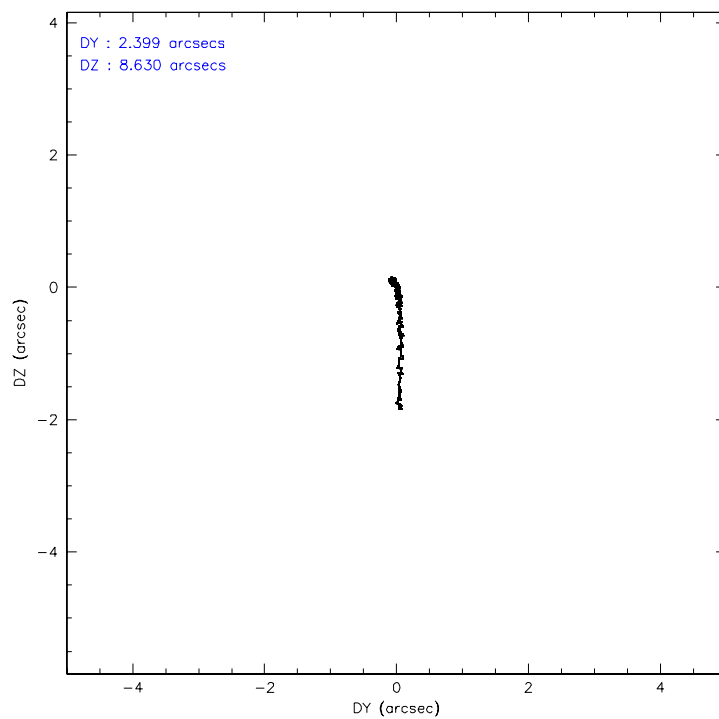
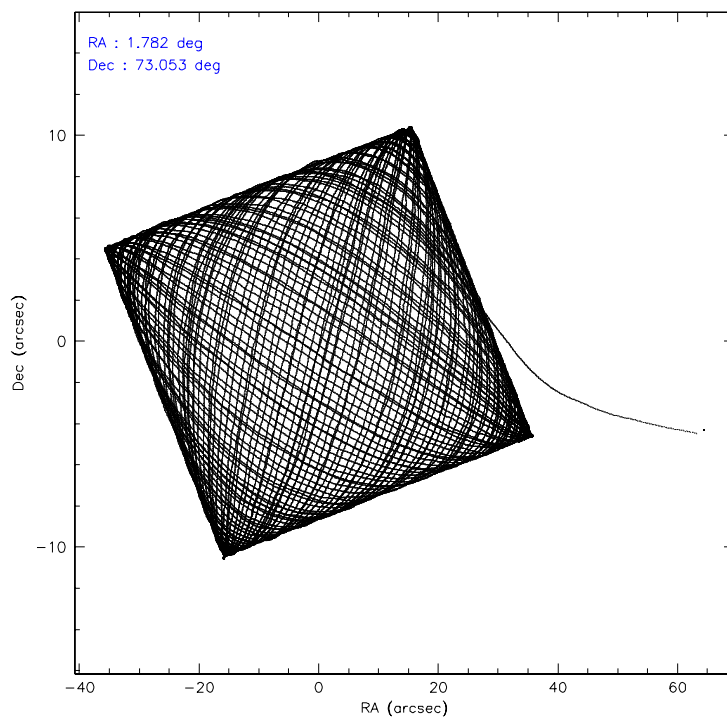
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	239438	228074	236677	146443	273330
rejected events	214675	204304	204177	57820	206066
rejected %	89%	89%	86%	39%	75%

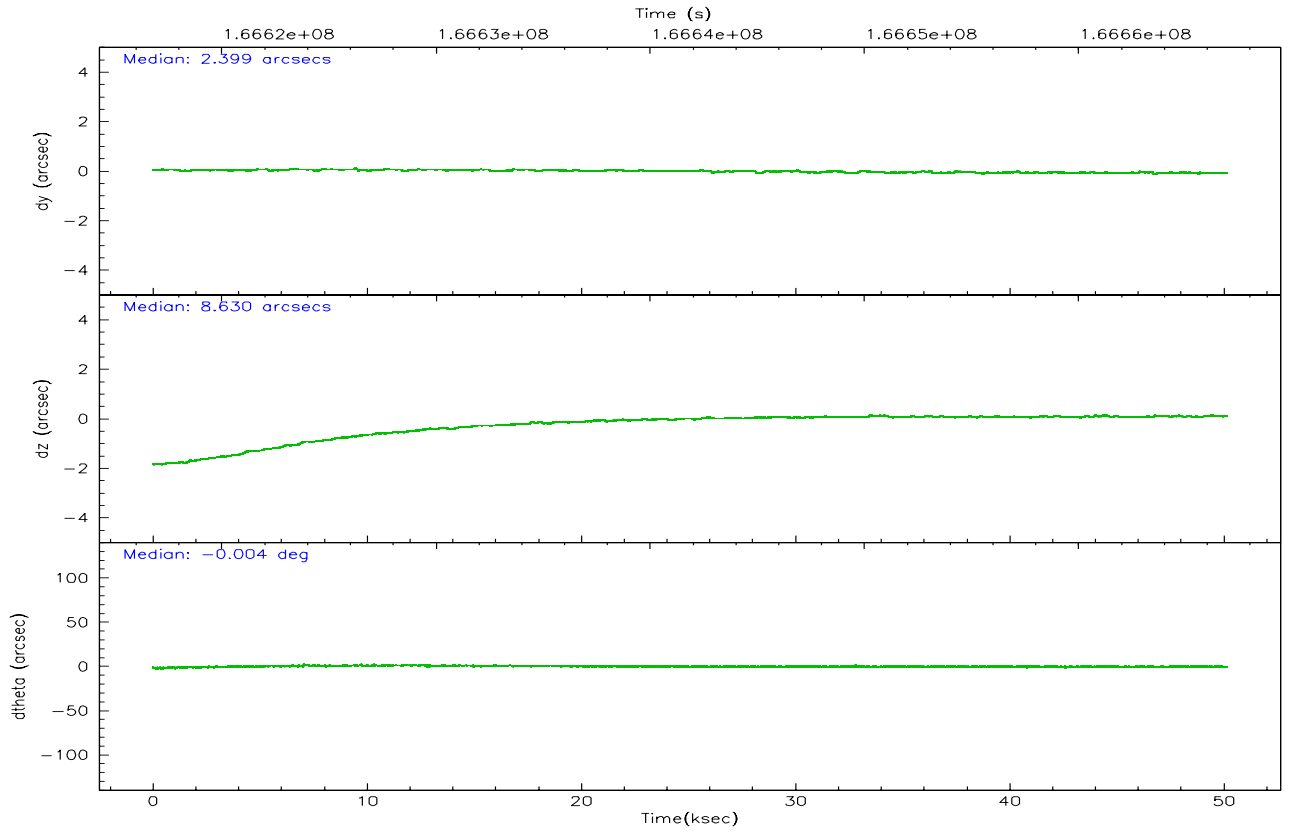
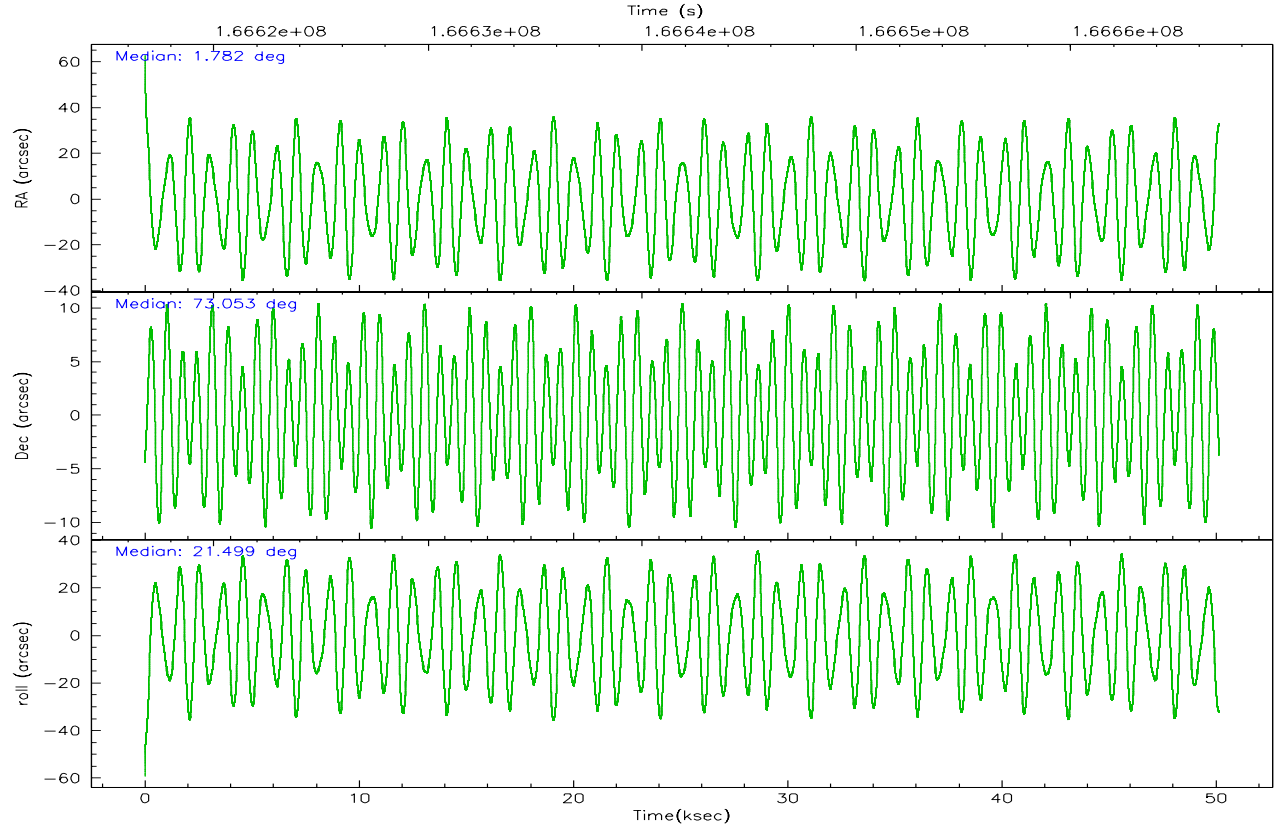
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	12592	12396	18237	11753	21537
	5%	5%	7%	8%	7%
grade 1 events	116	142	141	139	217
	0%	0%	0%	0%	0%
grade 2 events	4931	4051	5371	25448	14853
	2%	1%	2%	17%	5%
grade 3 events	2189	2313	2716	7742	7270
	0%	1%	1%	5%	2%
grade 4 events	2313	2279	2691	7666	6854
	0%	0%	1%	5%	2%
grade 5 events	3509	4369	4477	10872	7467
	1%	1%	1%	7%	2%
grade 6 events	2886	2878	3637	36515	17213
	1%	1%	1%	24%	6%
grade 7 events	210902	199646	199407	46308	197919
	88%	87%	84%	31%	72%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23678	ACIS-23678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	1.725441	1.782477686526993	Alternating exposures requested	N	N
Pointing Dec	73.031215	73.05274806764378	Primary exposure time	0.000000	3.1
Pointing Roll	21.399809	21.50187931787879			
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	166616931.184000	166615793.87665			
Observation start date	2003-04-13T10:27:47	2003-04-13T10:09:53			
Observation end time	166666931.184000	166667336.00383			
Observation end date	2003-04-14T00:21:07	2003-04-14T00:28:56			
Read mode	TIMED	TIMED			

2.3 Aspect



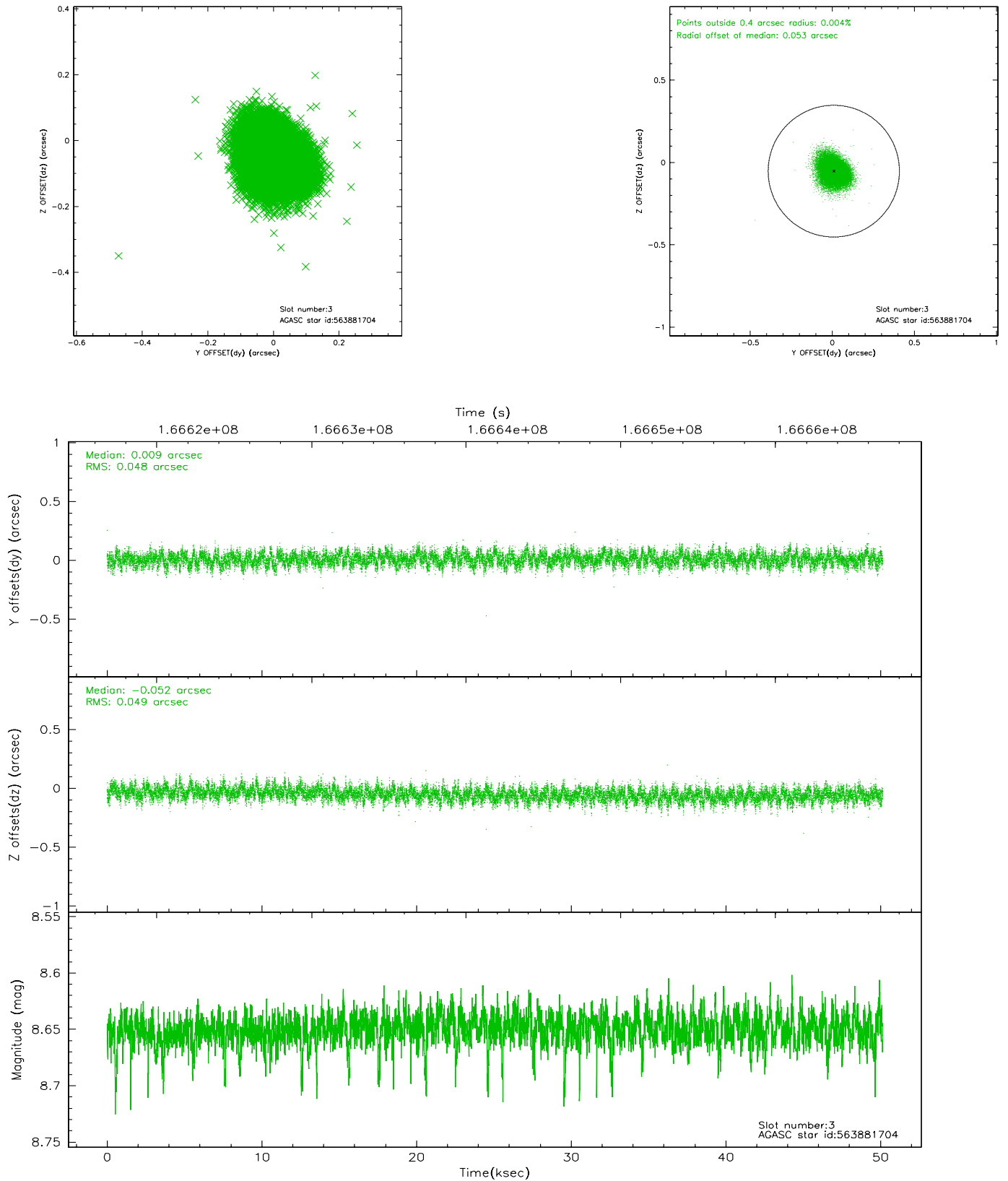


Slot Statistics

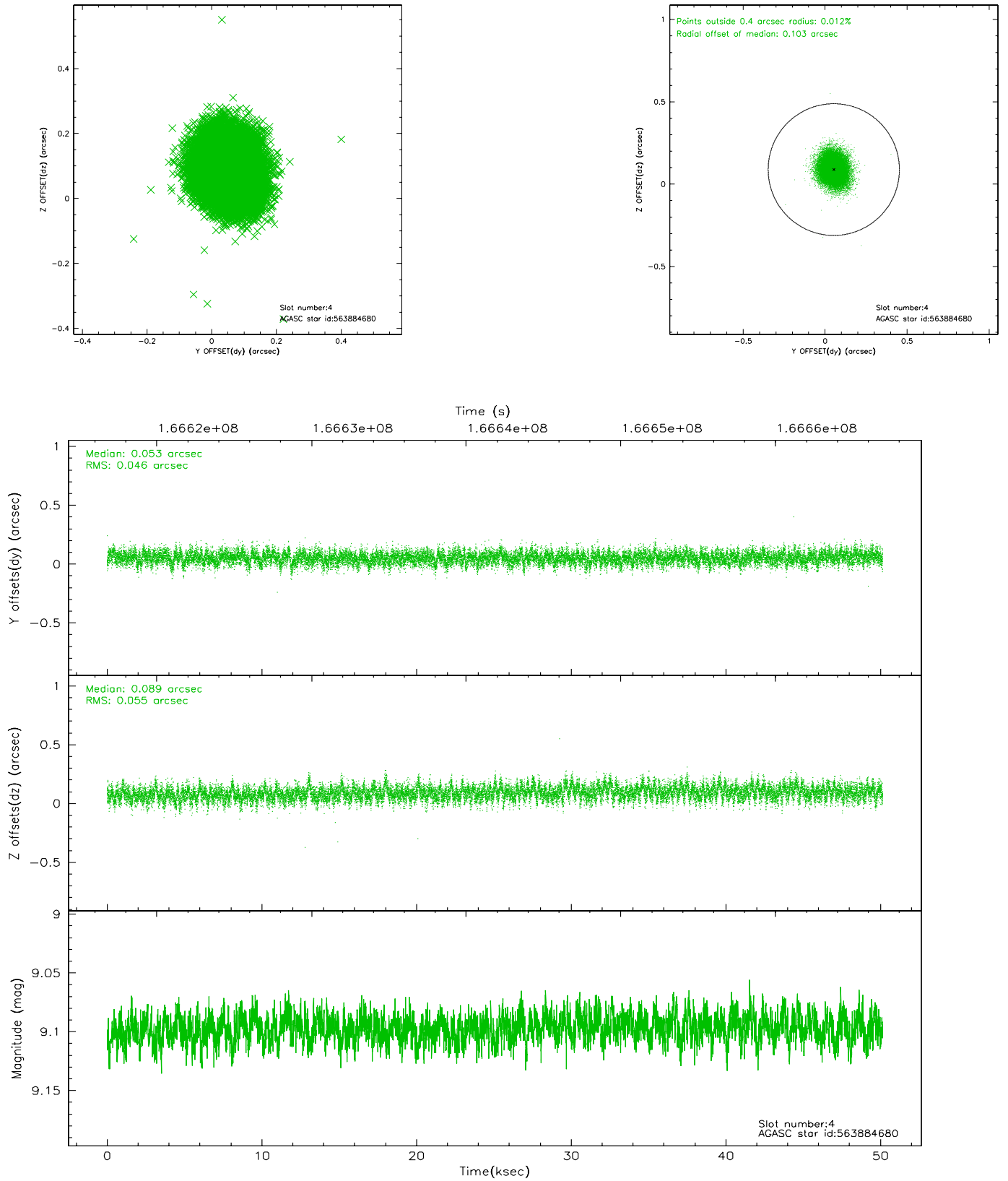
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	12229	-0.014	0.014	0.008	0.014	0.000000	0.000000	-755.03	-1729.53
1	FID	ACIS-S-4	7.20	12228	-0.054	0.003	0.006	0.010	0.000000	0.000000	2158.21	178.96
2	FID	ACIS-S-5	7.24	12227	0.037	-0.008	0.008	0.013	0.000000	0.000000	-1807.85	172.59
3	GUIDE	563881704	8.65	24447	0.009	-0.052	0.073	0.119	2.231330	72.827527	234.18	-876.61
4	GUIDE	563884680	9.10	24454	0.053	0.089	0.075	0.123	2.193111	73.018551	442.38	-219.88
5	GUIDE	564398128	9.19	24450	0.037	-0.044	0.091	0.147	0.375520	73.308184	-929.76	1452.40
6	GUIDE	564398624	8.09	24456	-0.035	0.000	0.054	0.087	1.807475	73.210290	314.91	569.38
7	GUIDE	588129232	7.92	24366	-0.061	0.009	0.057	0.090	359.982427	72.615957	-2280.67	-682.44

2.4 Star Slots

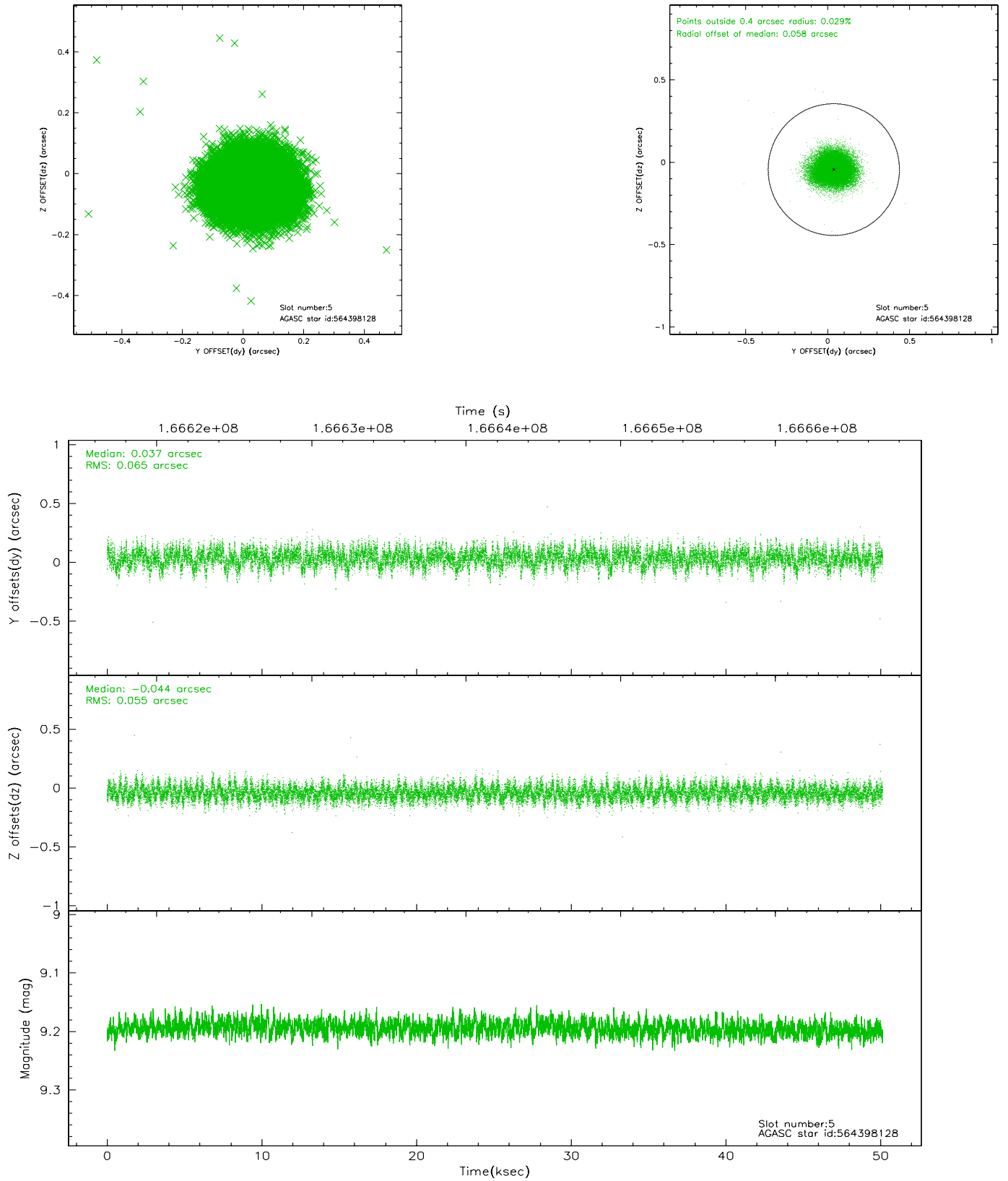
2.4.1 Slot 3



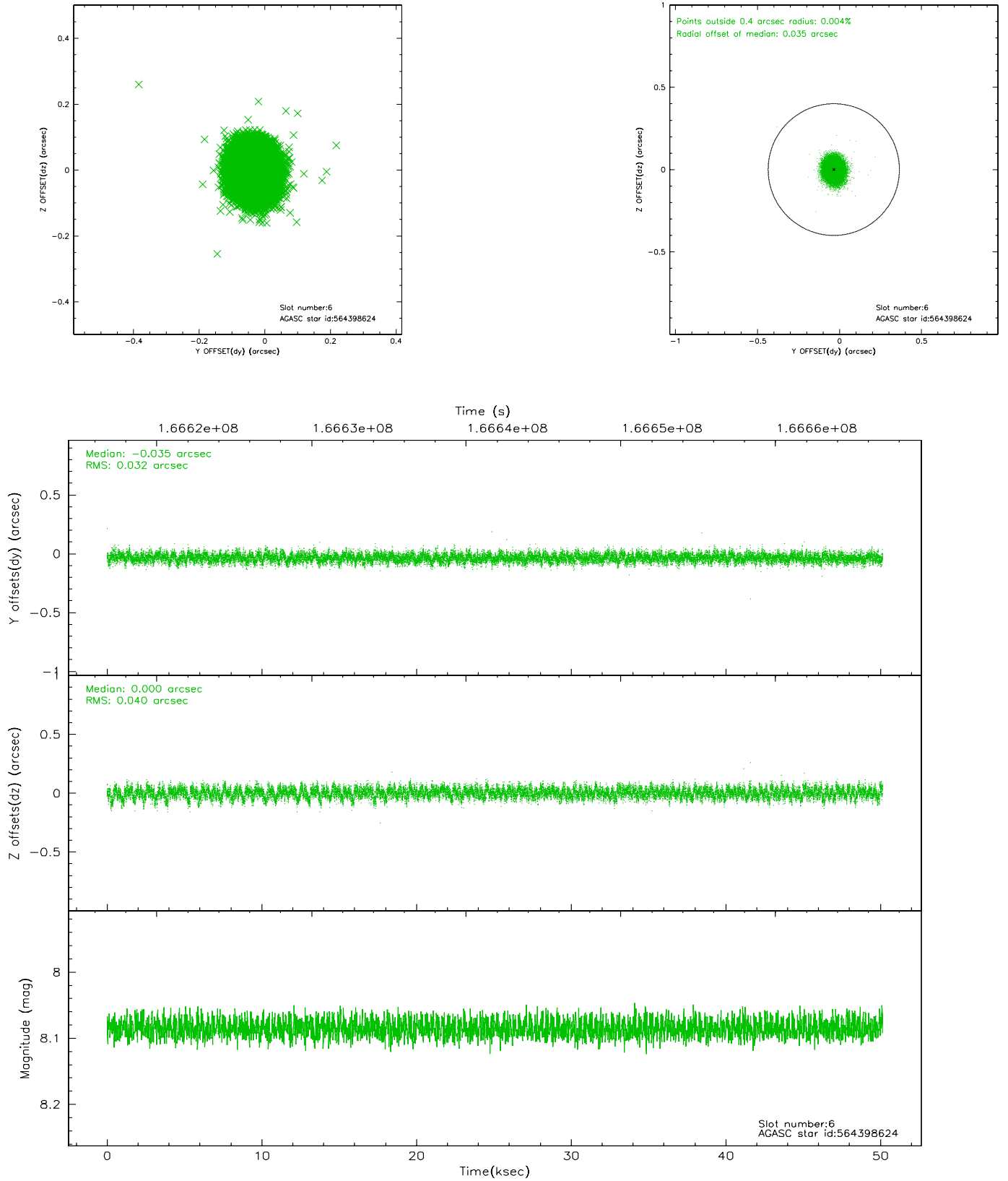
2.4.2 Slot 4



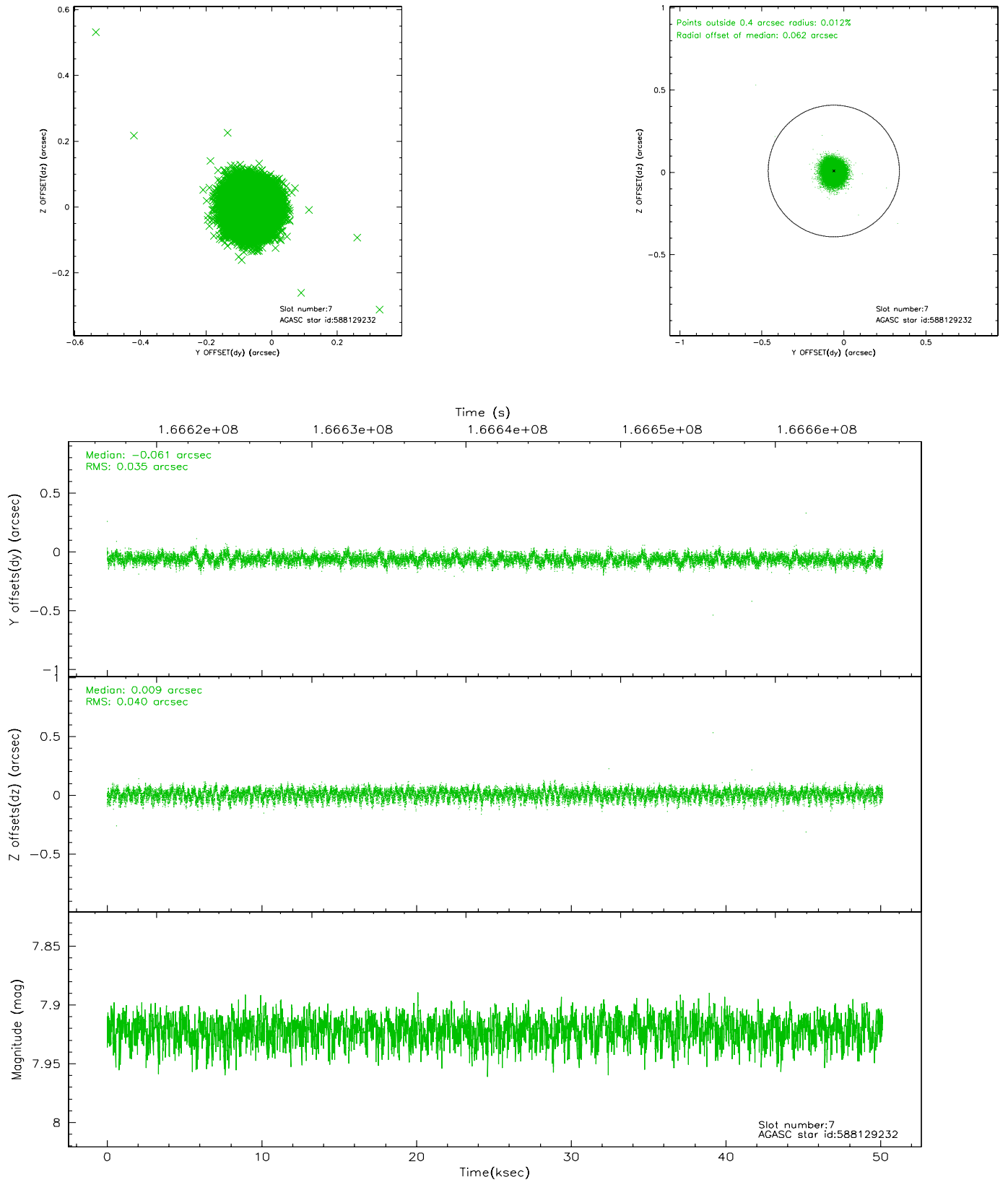
2.4.3 Slot 5



2.4.4 Slot 6

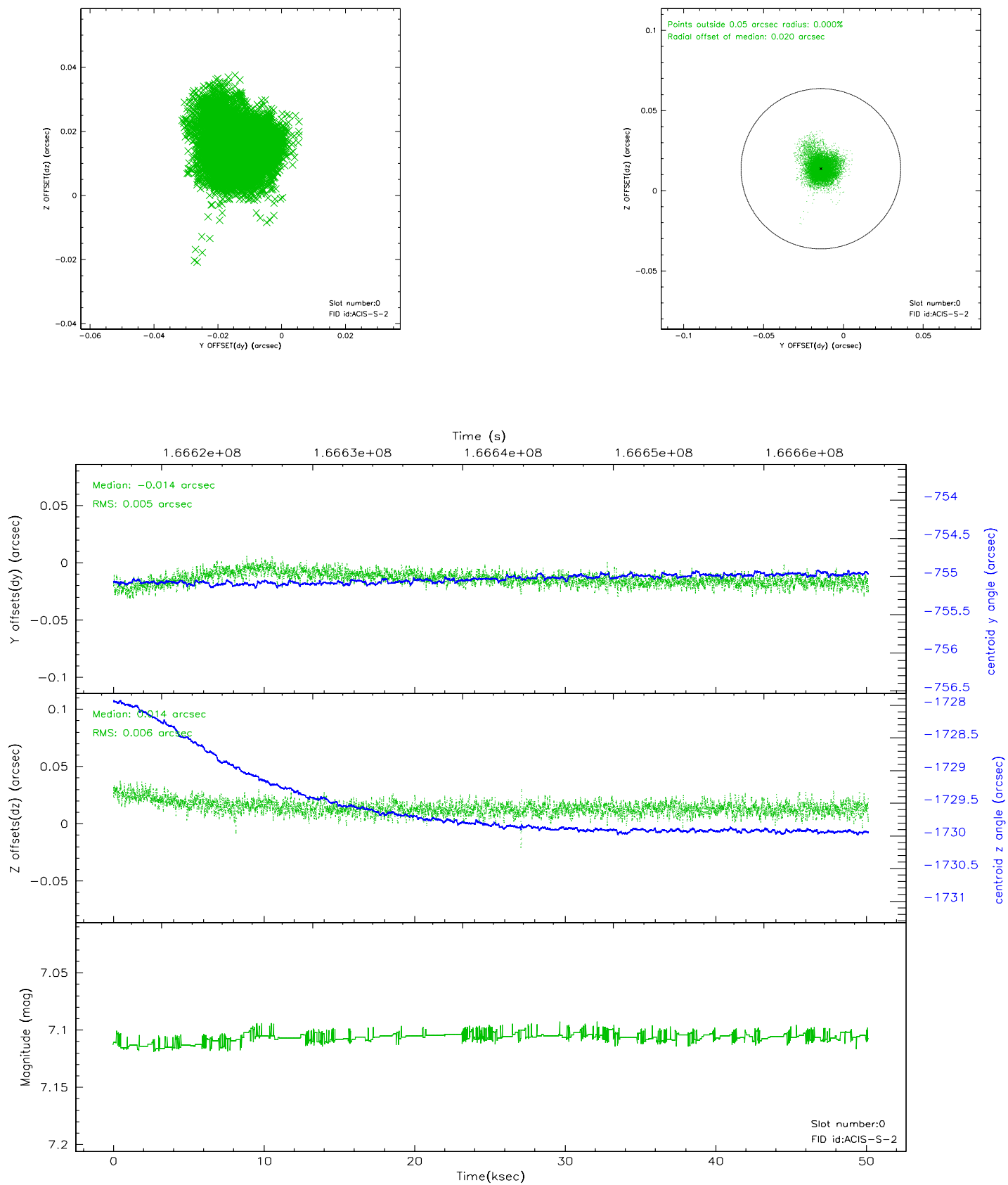


2.4.5 Slot 7

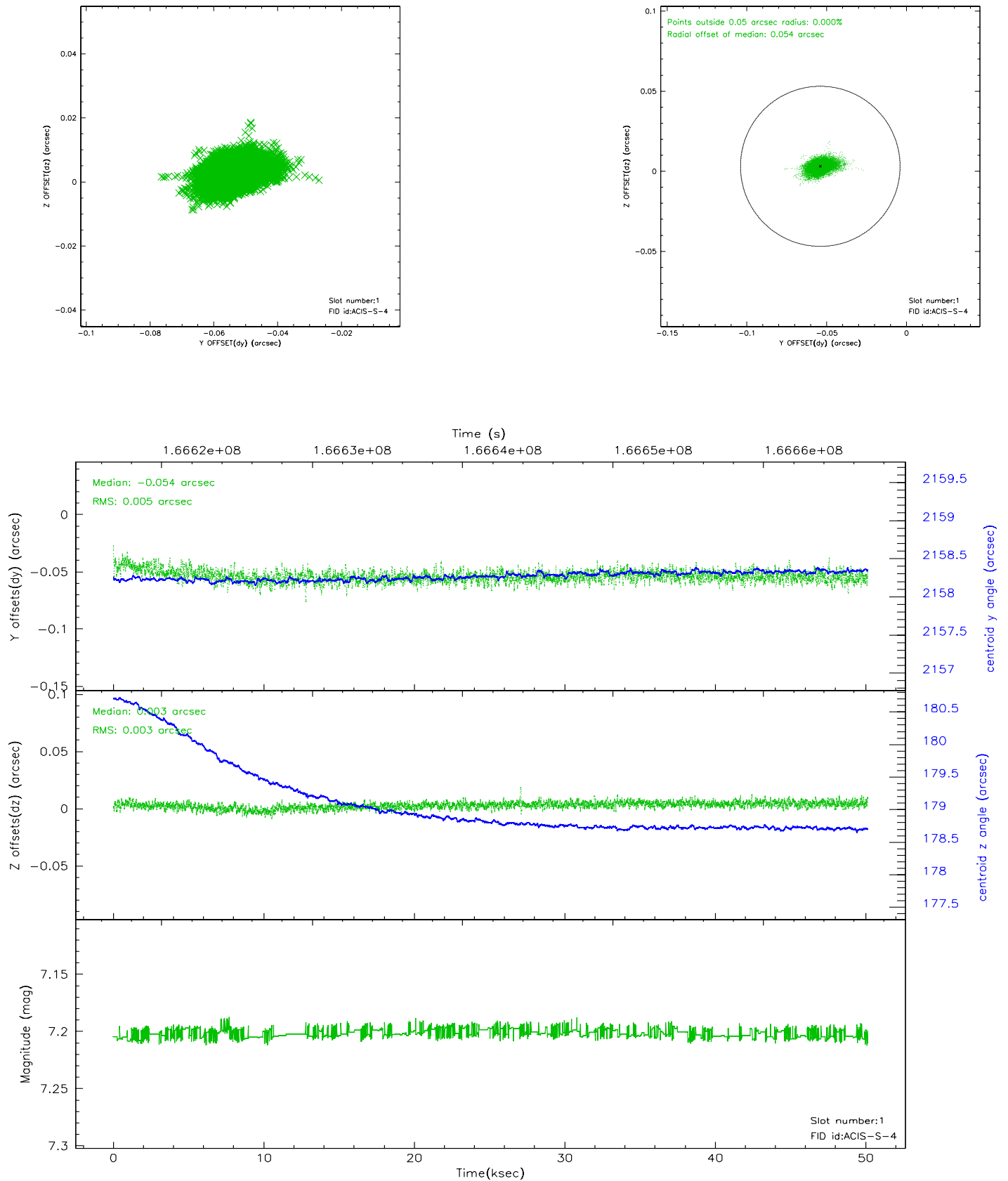


2.5 FID Slots

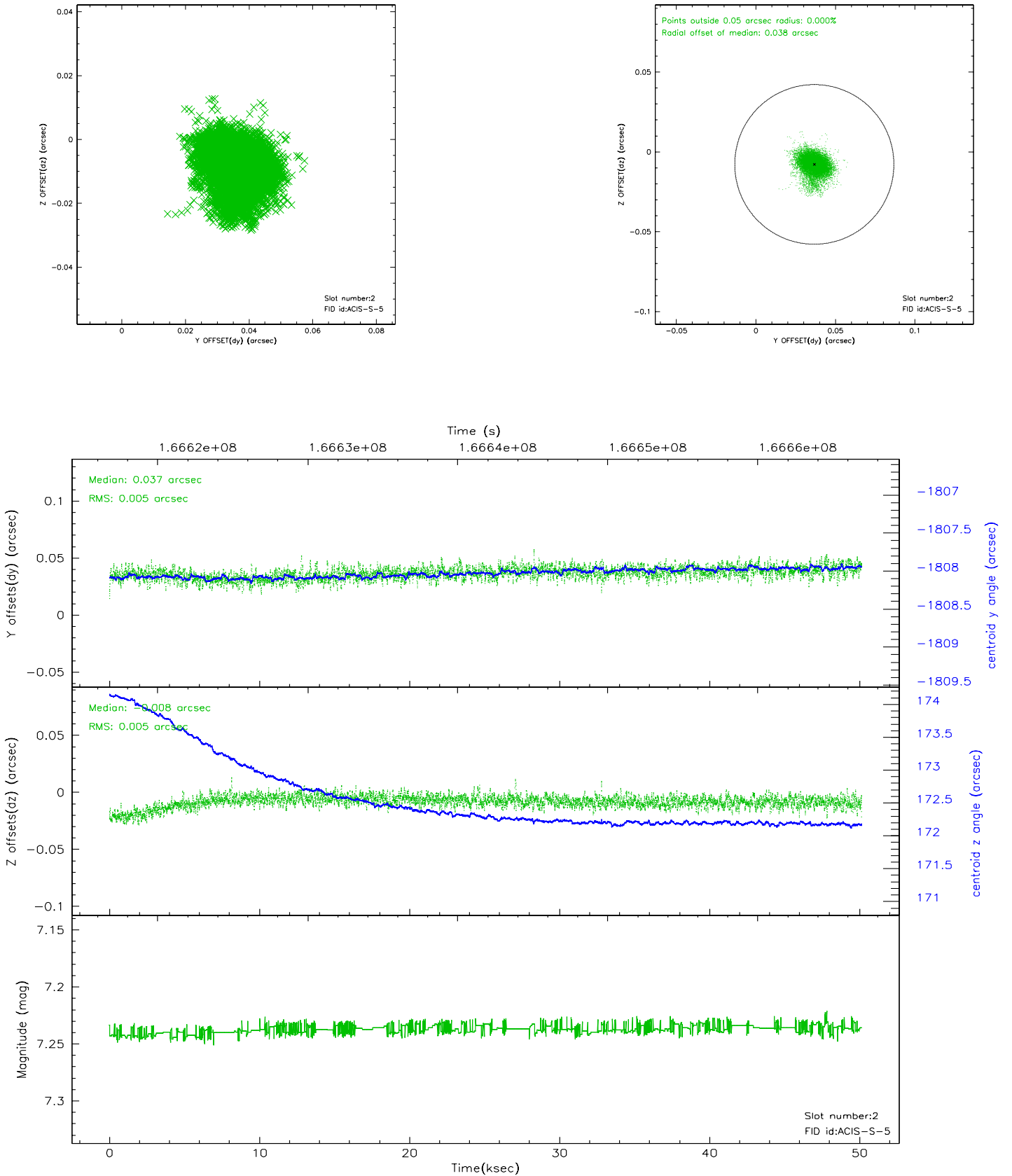
2.5.1 Slot 0



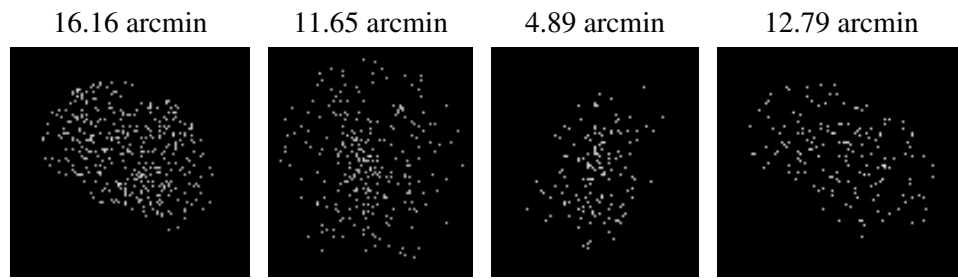
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.08.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	50.139

A.2 Comments