

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2803 - L2 Version 001
Chandra X-Ray Center

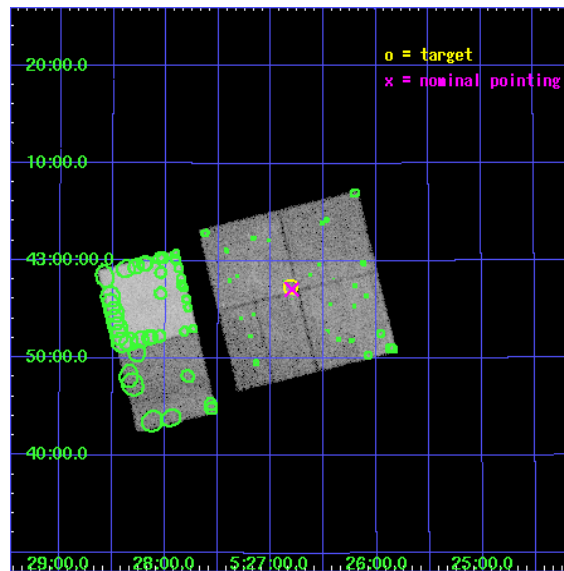
L2 Processing Date : Aug 29 2006

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1 Front

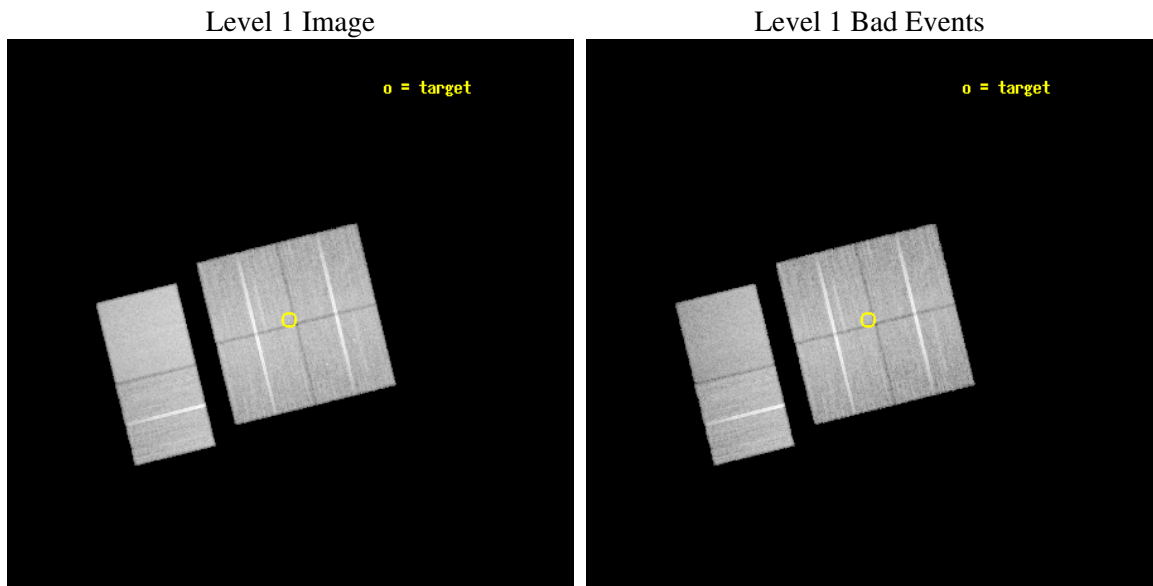
seq_num	500253
obs_id	2803
title	A CHANDRA SURVEY FOR COMPACT OBJECTS IN SUPERNOVA REMNANTS
observer	Prof. Shrinivas Kulkarni
object	G166.0+4.2
dtcycle	0
cycle	P
ra_targ	81.704167
dec_targ	42.955278
ra_nom	81.700322031359
dec_nom	42.951504929506
roll_nom	256.18884688563
revision	2
ontime	29964.800027907
livetime	29585.367687317
ontime0	29964.800027907
ontime1	29964.800027907
ontime2	29964.800027907
ontime3	29964.800027907
ontime6	29964.800027907
ontime7	29964.800027907
l2events	207733



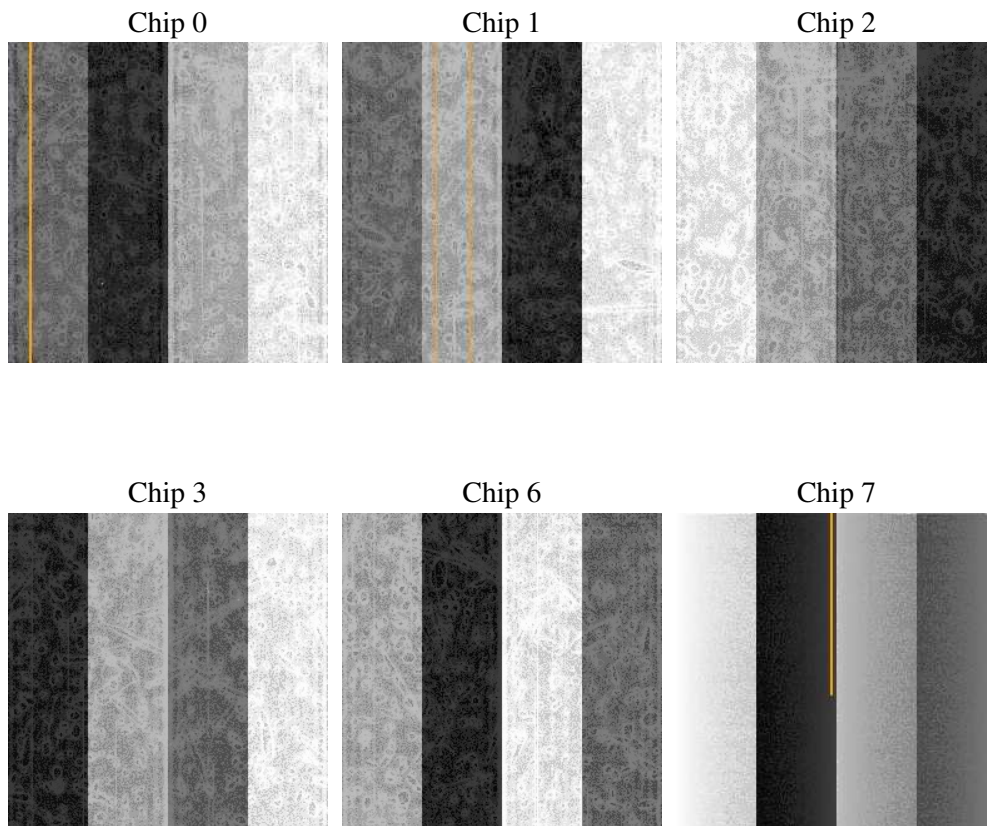
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldsver	3.2.3
date	2006-08-29T20:47:30
revision	2

sched_exp_time	30000.000000
ontime	29969.560237765
ontime0	29969.560237765
ontime1	29969.560237765
ontime2	29969.560237765
ontime3	29969.560237765
ontime6	29969.560237765
ontime7	29969.560237765
l1events	1182513

2.1.4 Events

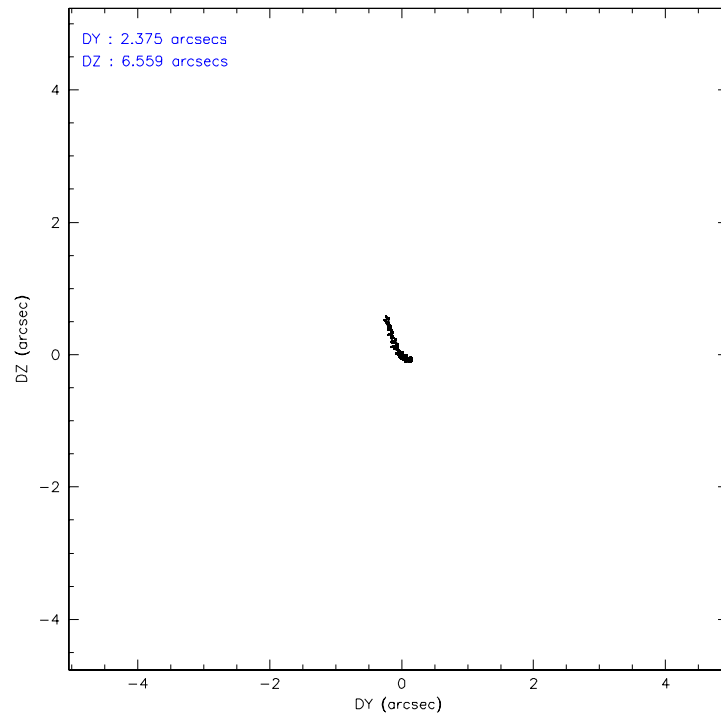
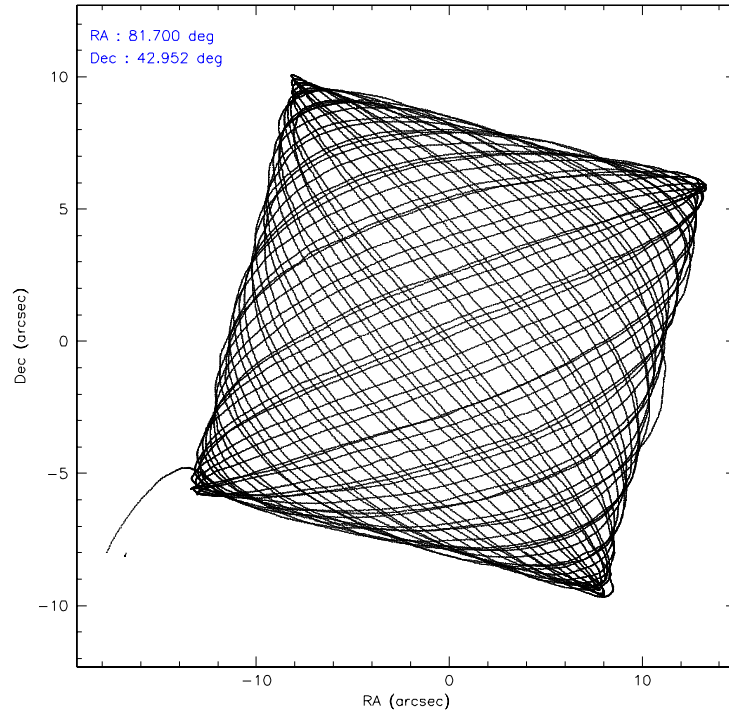
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	183241	176599	191229	192673	198053	240718
rejected events	149171	149939	167177	164821	175880	148686
rejected %	81%	84%	87%	85%	88%	61%

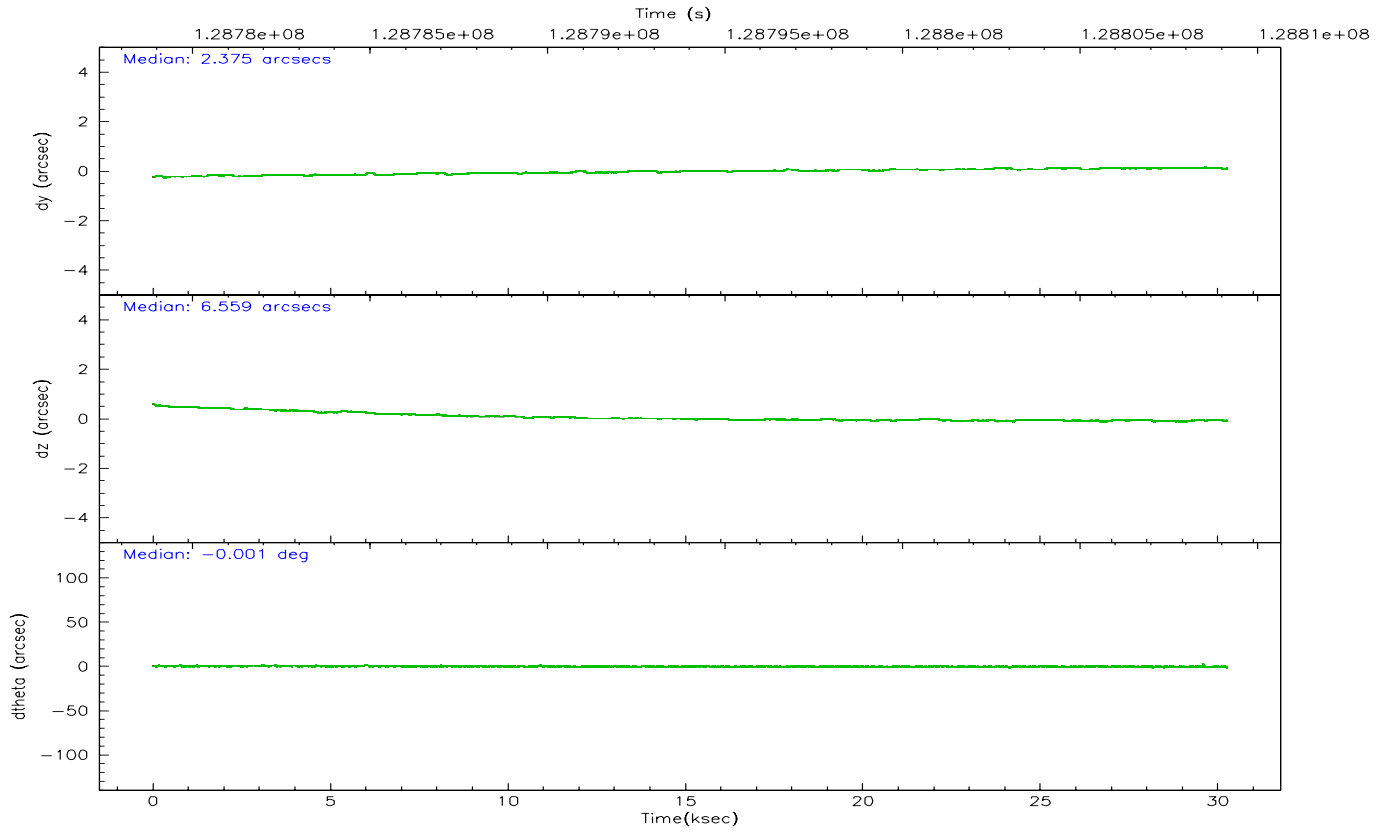
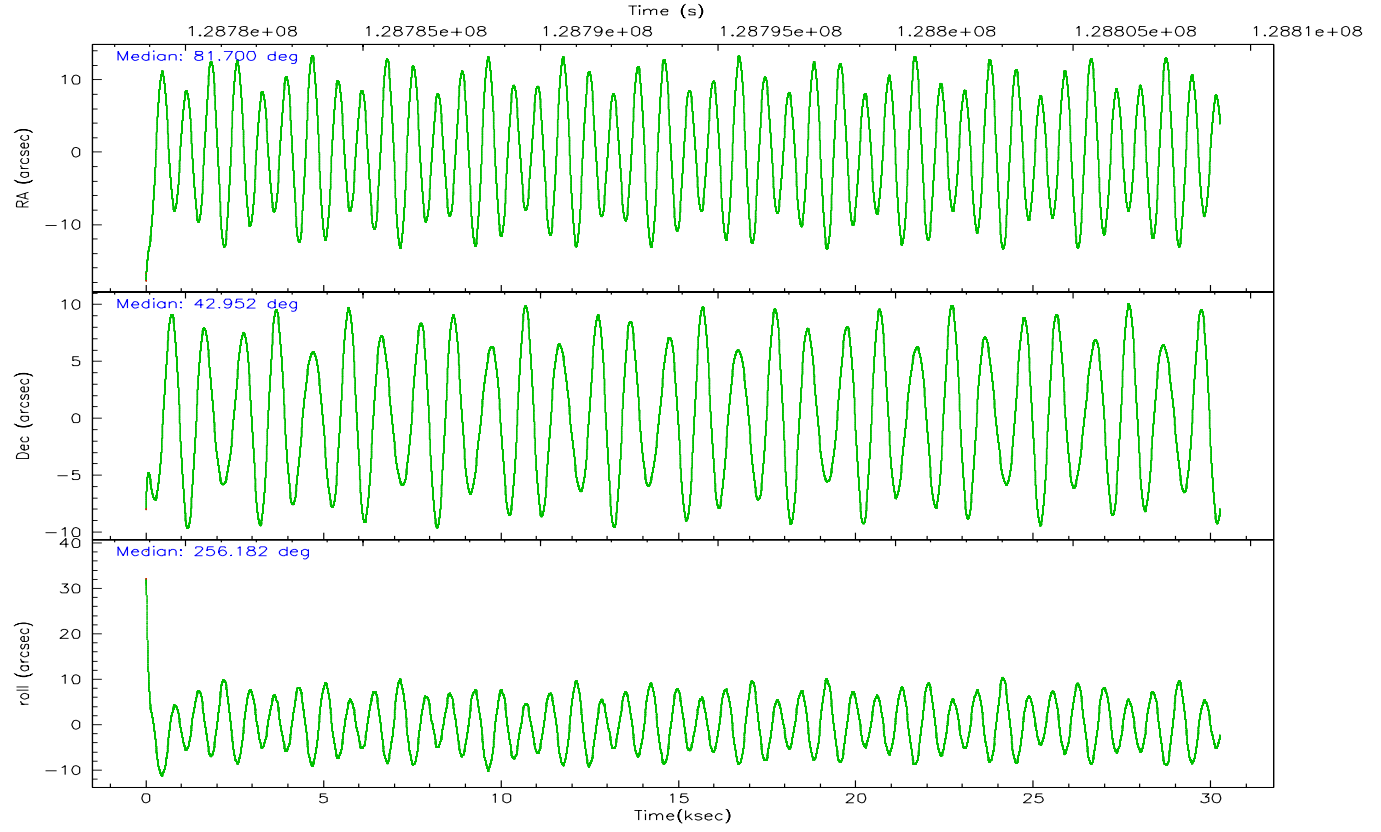
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	19776	12241	11225	14503	8733	5234
	10%	6%	5%	7%	4%	2%
grade 1 events	131	98	94	94	85	137
	0%	0%	0%	0%	0%	0%
grade 2 events	5695	5086	5027	4934	4783	22523
	3%	2%	2%	2%	2%	9%
grade 3 events	2389	2397	2069	2225	2202	4825
	1%	1%	1%	1%	1%	2%
grade 4 events	2280	2400	1994	2126	2111	4894
	1%	1%	1%	1%	1%	2%
grade 5 events	6947	7526	6486	7562	8215	16423
	3%	4%	3%	3%	4%	6%
grade 6 events	3934	4542	3738	4066	4346	54569
	2%	2%	1%	2%	2%	22%
grade 7 events	142089	142309	160596	157163	167578	132113
	77%	80%	83%	81%	84%	54%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	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	81.689793	81.70032203135945	Alternating exposures requested	N	N
Pointing Dec	42.977826	42.95150492950621	Primary exposure time	0.000000	3.2
Pointing Roll	255.987326	256.1888468856253			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	128779152.184000	128778161.26435			
Observation start date	2002-01-30T11:58:08	2002-01-30T11:42:41			
Observation end time	128809152.184000	128809750.22812			
Observation end date	2002-01-30T20:18:08	2002-01-30T20:29:10			
Read mode	TIMED	TIMED			

2.3 Aspect



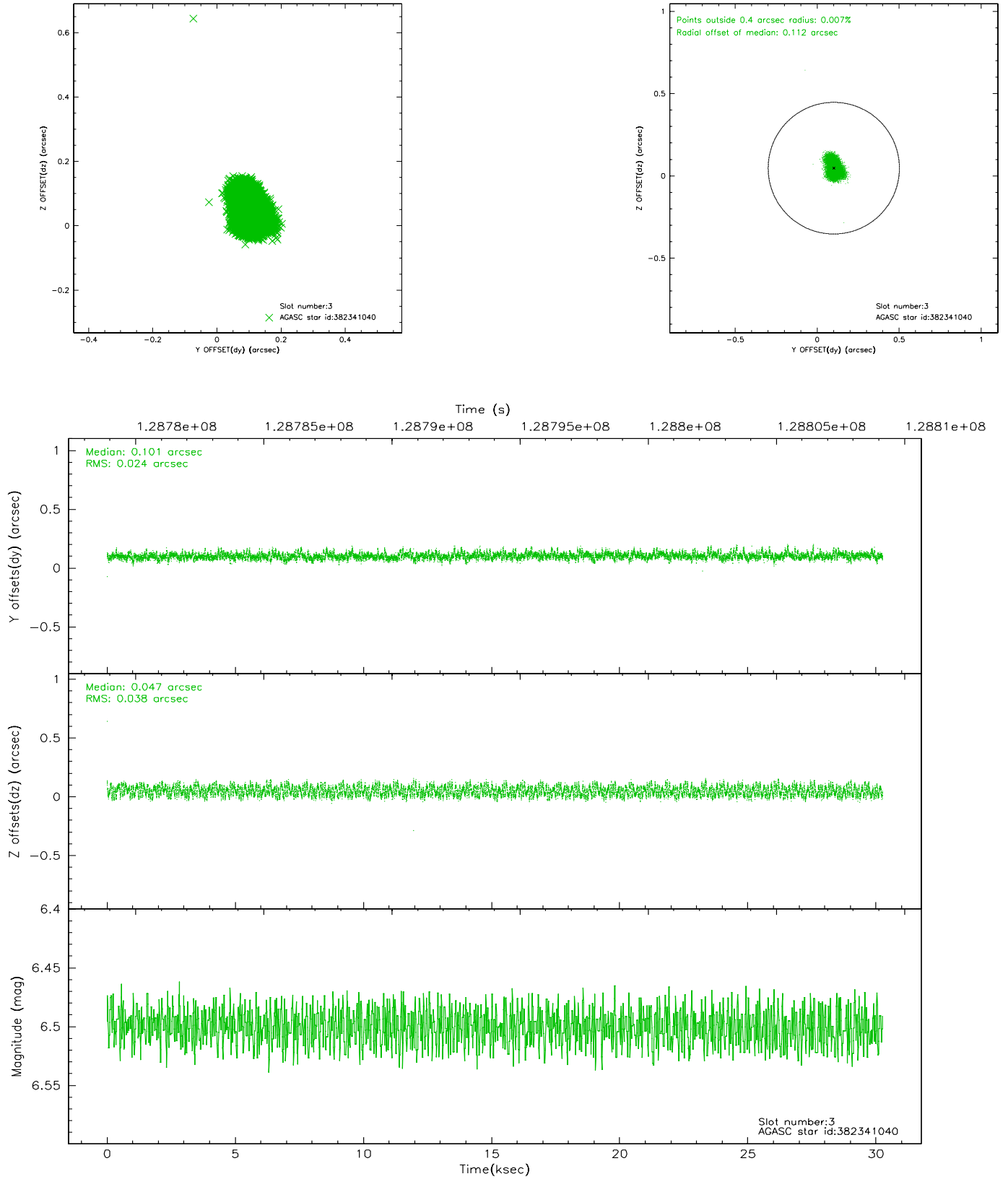


Slot Statistics

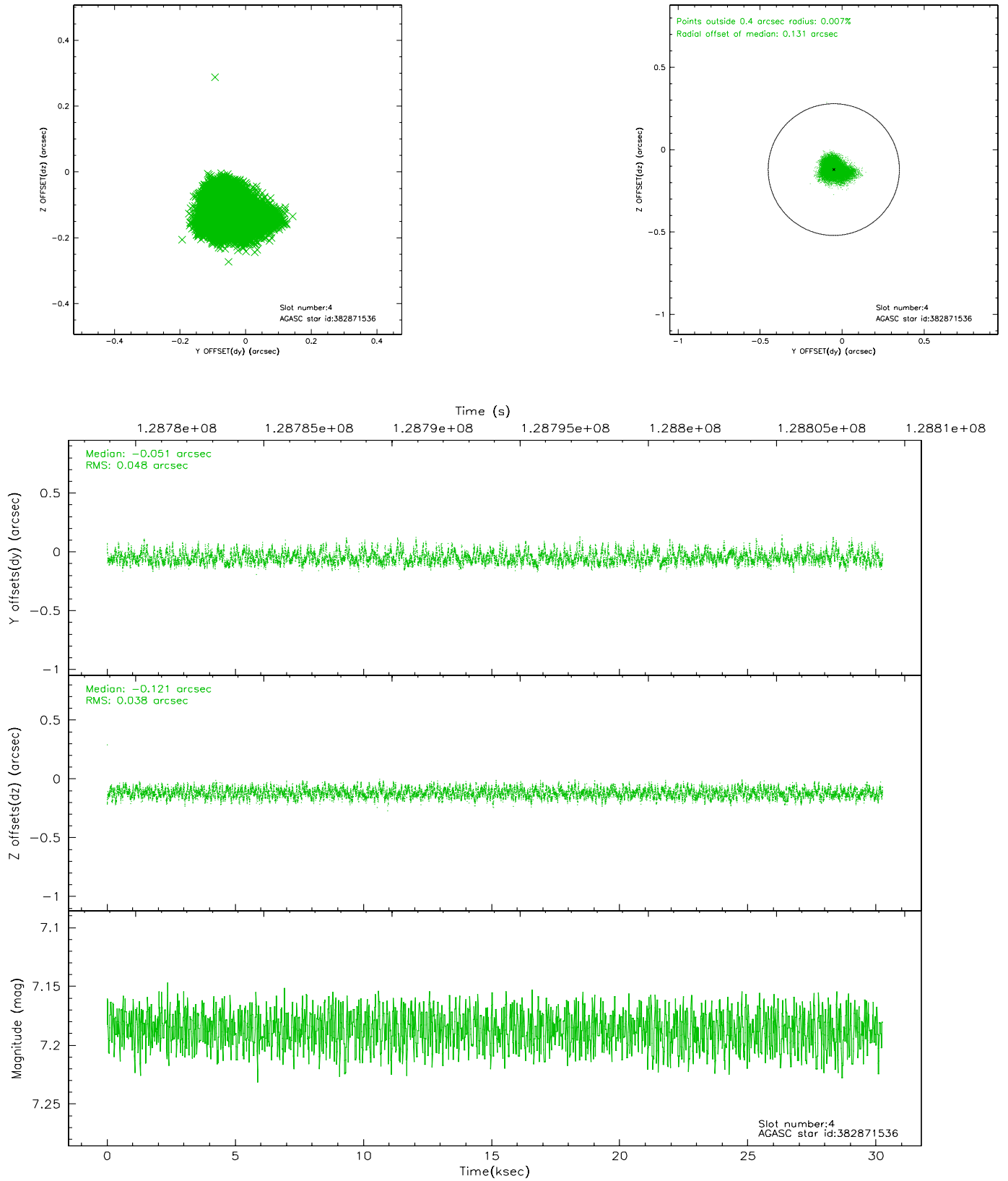
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	7381	-0.030	0.044	0.008	0.014	0.000000	0.000000	937.41	-829.99
1	FID	ACIS-I-5	7.24	7382	-0.006	0.037	0.007	0.012	0.000000	0.000000	-1810.60	1067.51
2	FID	ACIS-I-6	7.26	7382	-0.055	-0.010	0.009	0.017	0.000000	0.000000	402.90	1712.00
3	GUIDE	382341040	6.50	14763	0.101	0.047	0.048	0.076	82.254608	42.270514	2102.04	2075.57
4	GUIDE	382871536	7.19	14763	-0.051	-0.121	0.066	0.104	81.913315	43.367921	-1504.12	227.06
5	GUIDE	382996080	7.70	14762	-0.034	0.061	0.045	0.077	82.580043	43.373171	-1956.64	1912.48
6	GUIDE	382342104	8.24	14761	-0.016	0.027	0.069	0.108	80.750724	42.948597	688.75	-2378.57
7	GUIDE	382871248	8.97	14760	0.002	-0.016	0.084	0.132	80.811363	43.235410	-352.45	-2463.08

2.4 Star Slots

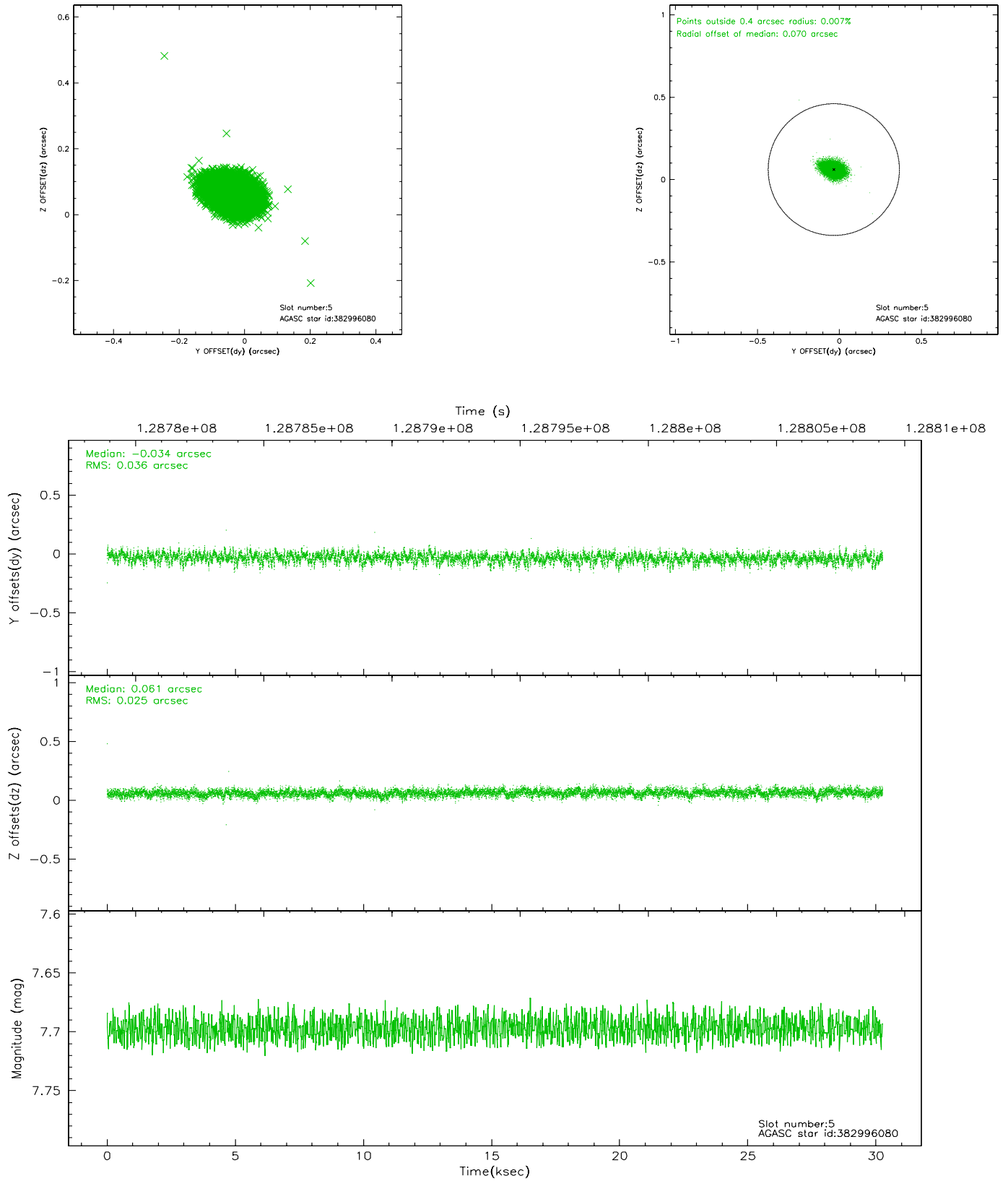
2.4.1 Slot 3



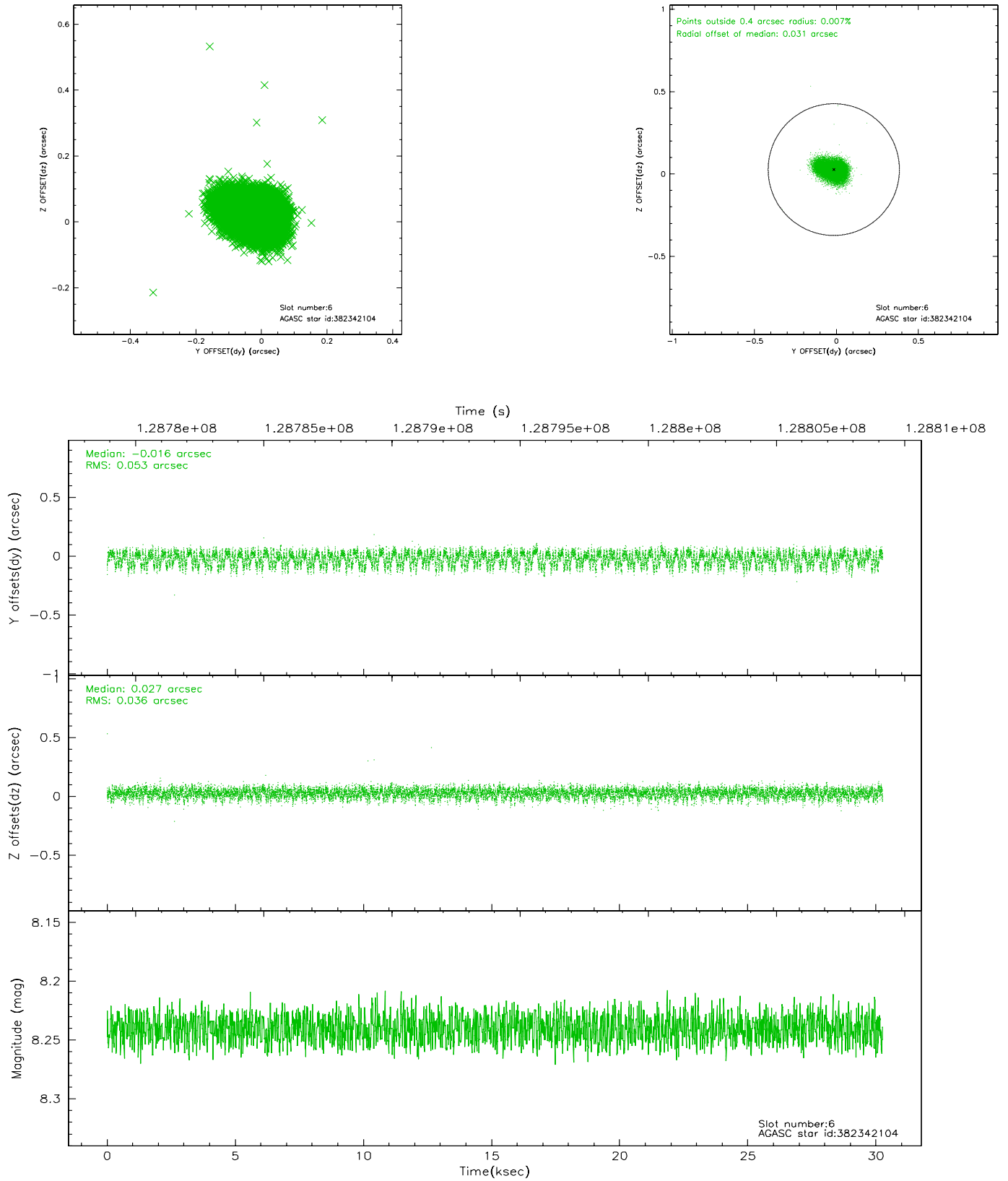
2.4.2 Slot 4



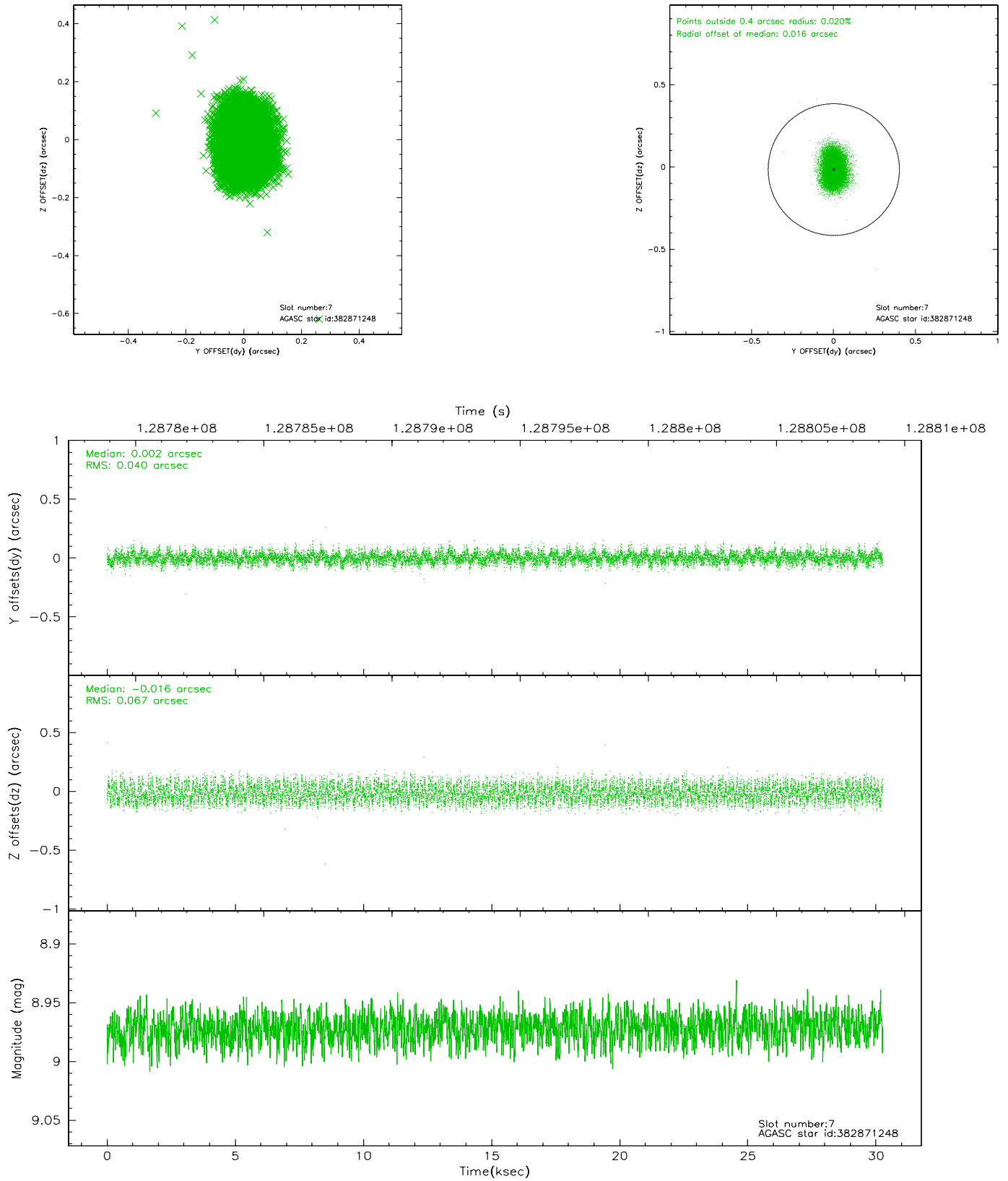
2.4.3 Slot 5



2.4.4 Slot 6

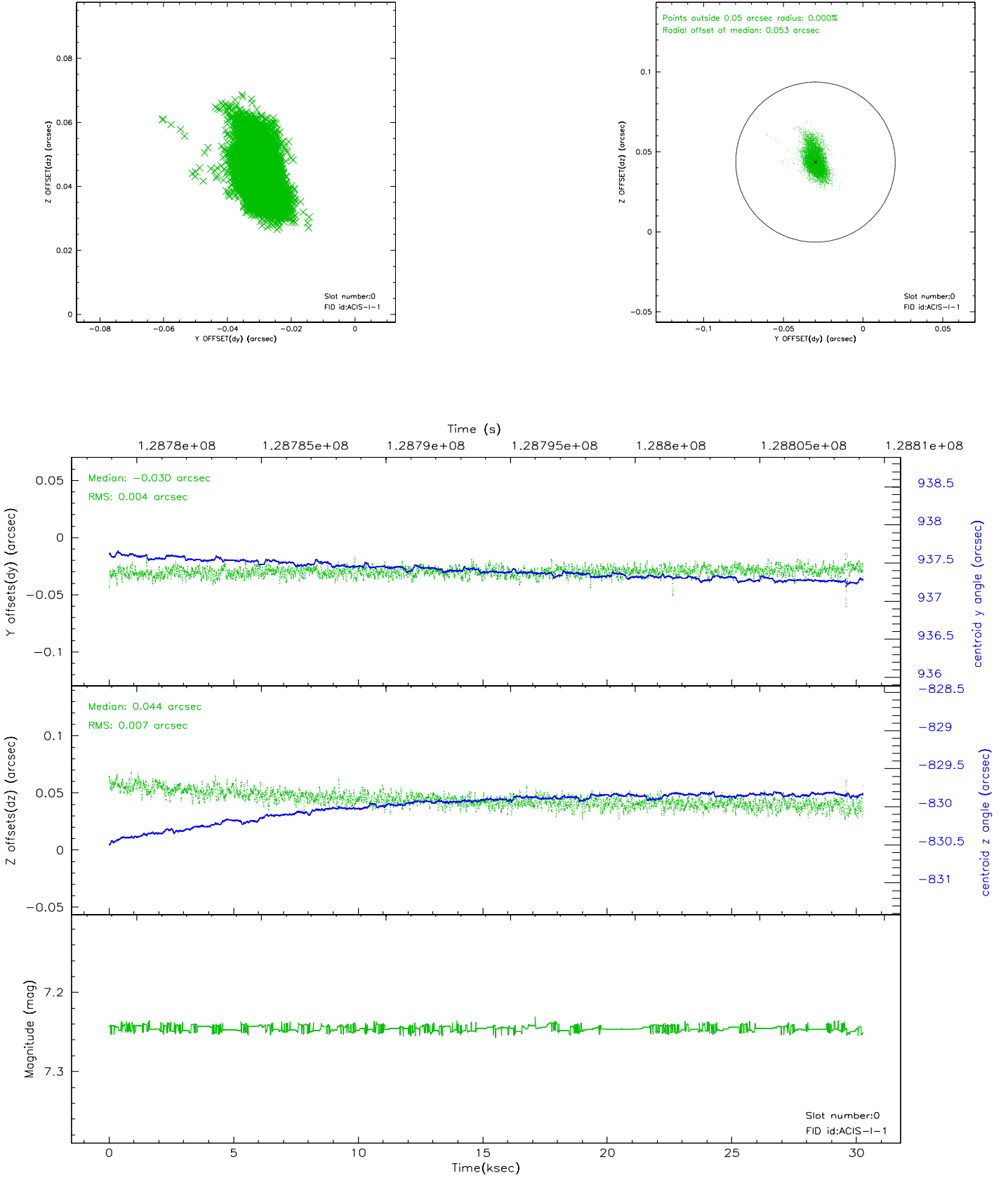


2.4.5 Slot 7

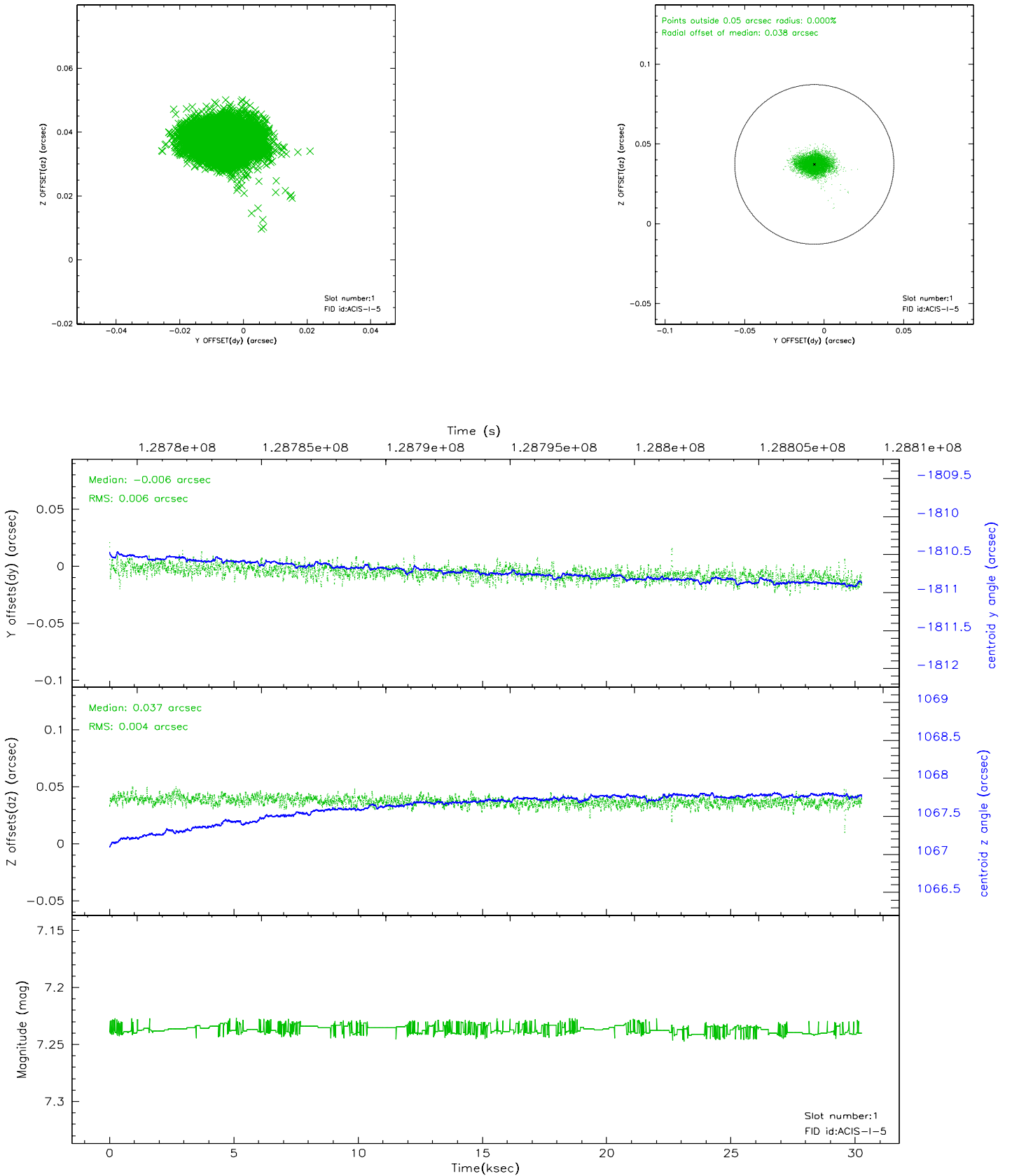


2.5 FID Slots

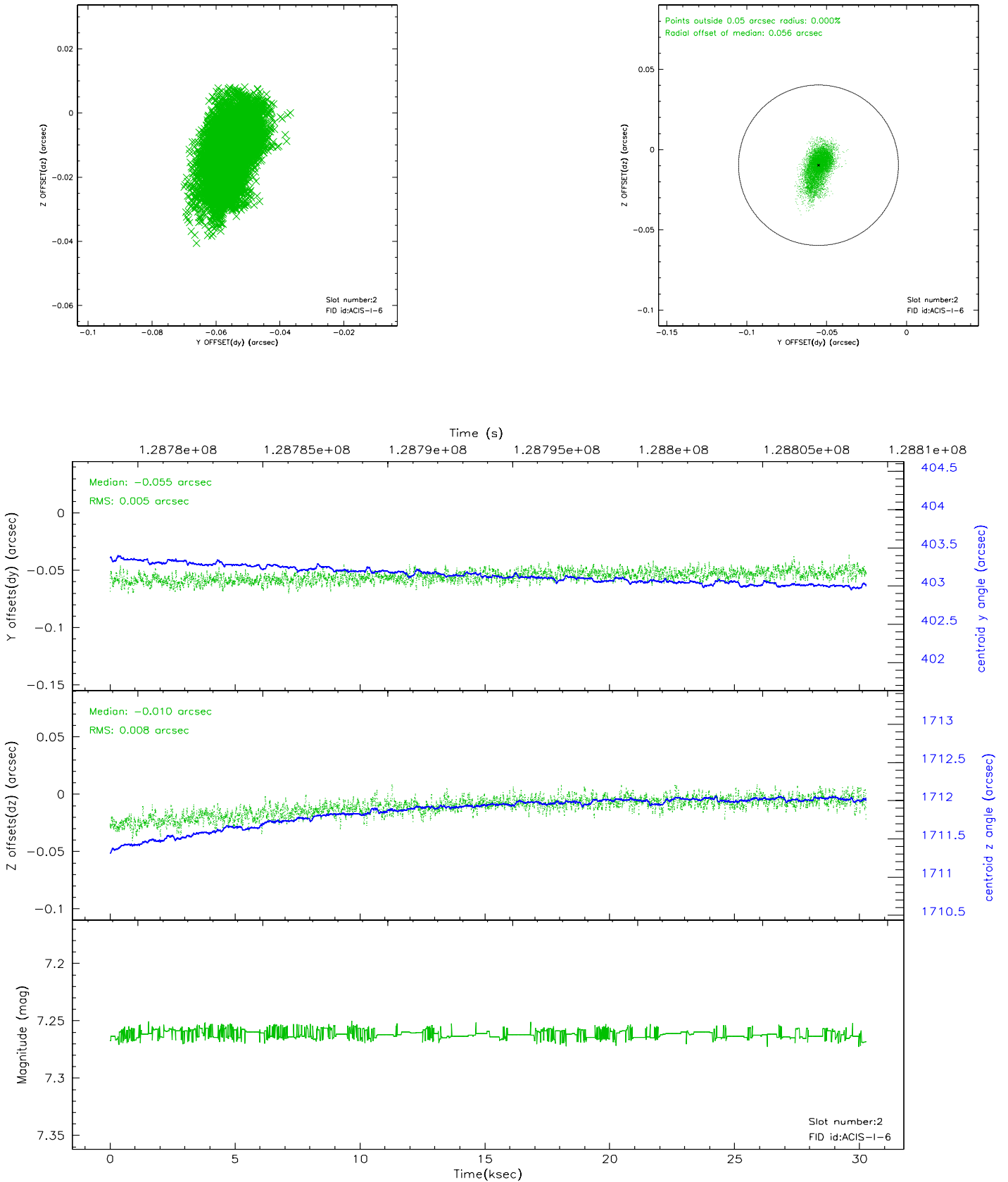
2.5.1 Slot 0



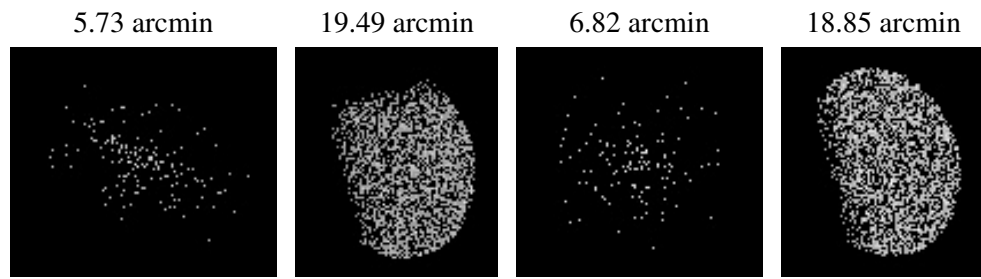
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.08.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.964

A.2 Comments