

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2926 - L2 Version 001
Chandra X-Ray Center

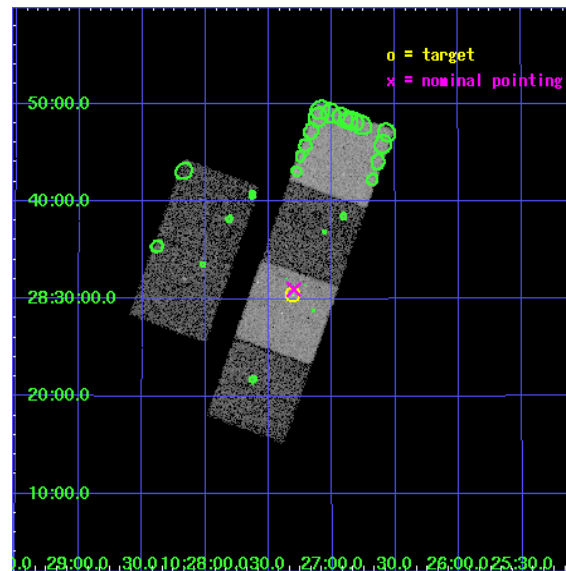
L2 Processing Date : Aug 29 2006

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1 Front

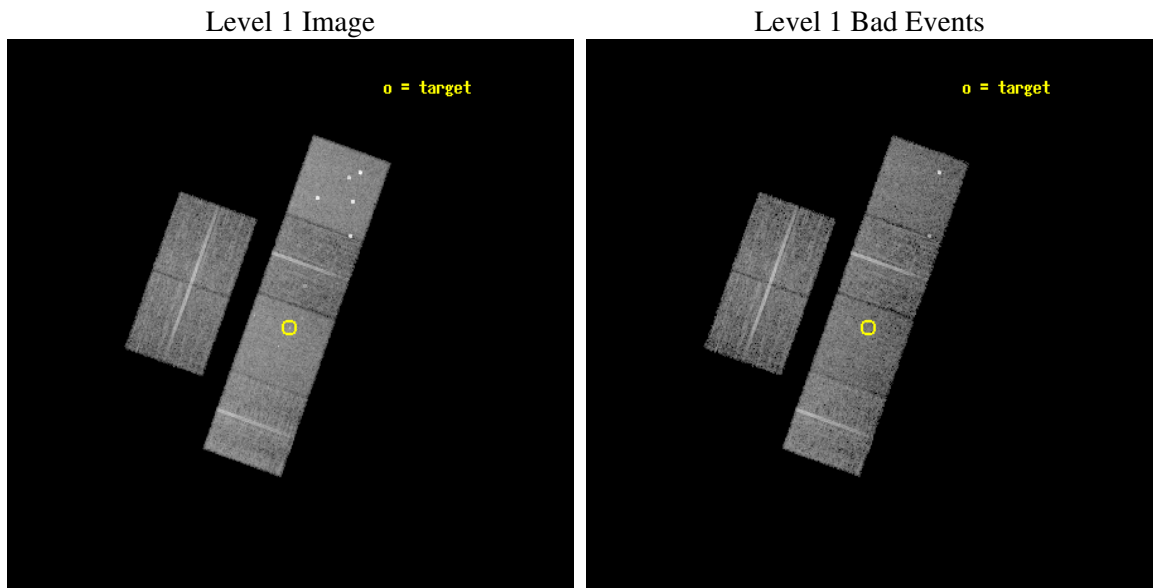
seq_num	600263
obs_id	2926
title	CHANDRA SURVEY OF GALAXIES WITH KNOWN BLACK HOLE MASSES
observer	Dr. Andrew Ptak
object	NGC 3245
dtcycle	0
cycle	P
ra_targ	156.8275
dec_targ	28.506944
ra_nom	156.82570839626
dec_nom	28.516500755587
roll_nom	109.59069389096
revision	2
ontime	9756.8000090867
livetime	9633.253532532
ontime2	9756.8000090867
ontime3	9756.8000090867
ontime5	9756.8000090867
ontime6	9756.8000090867
ontime7	9756.8000090867
ontime8	9753.5590288341
l2events	90174



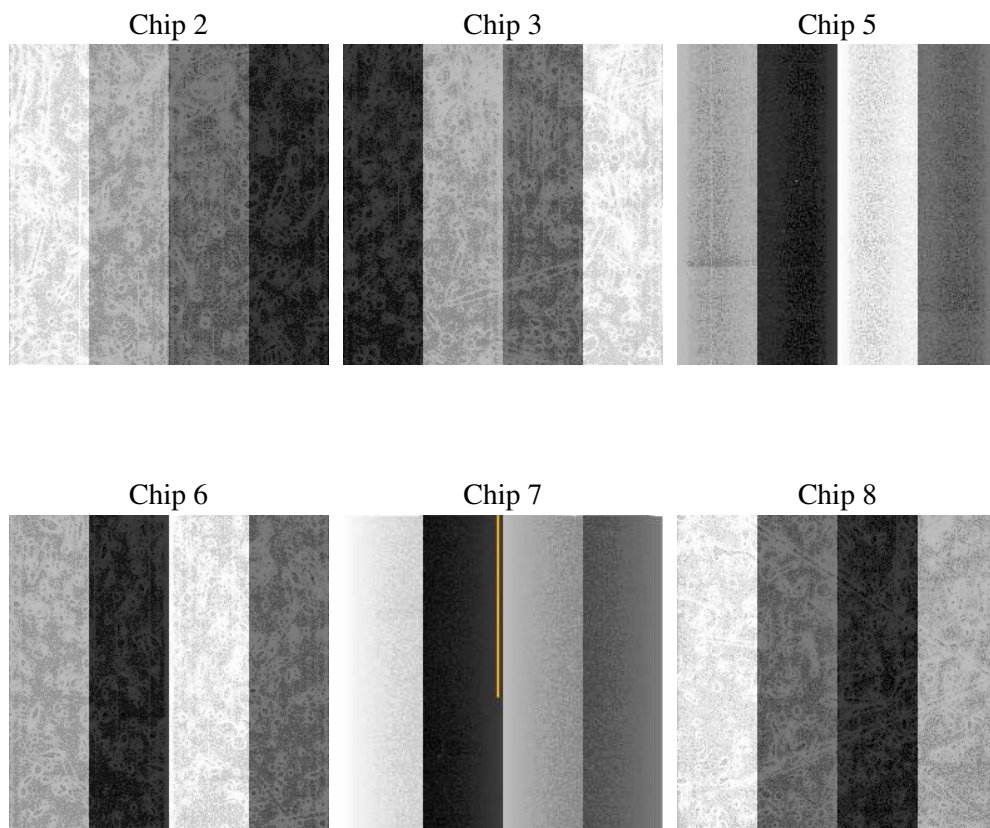
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-08-29T16:52:58
revision	2

sched_exp_time	10000.000000
ontime	9761.9114130586
ontime2	9761.9114130586
ontime3	9761.9114130586
ontime5	9761.9114130586
ontime6	9761.9114130586
ontime7	9761.9114130586
ontime8	9758.6703232229
l1events	437948

2.1.4 Events

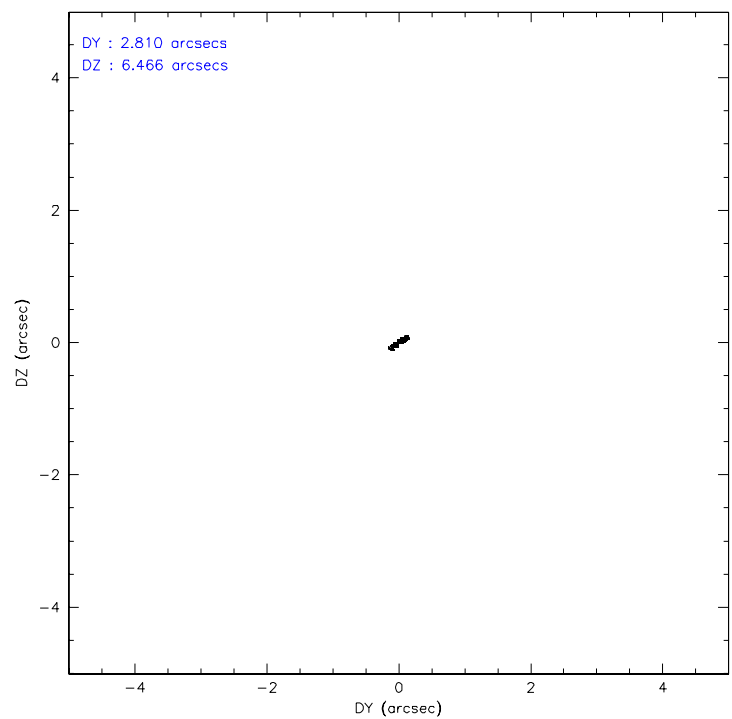
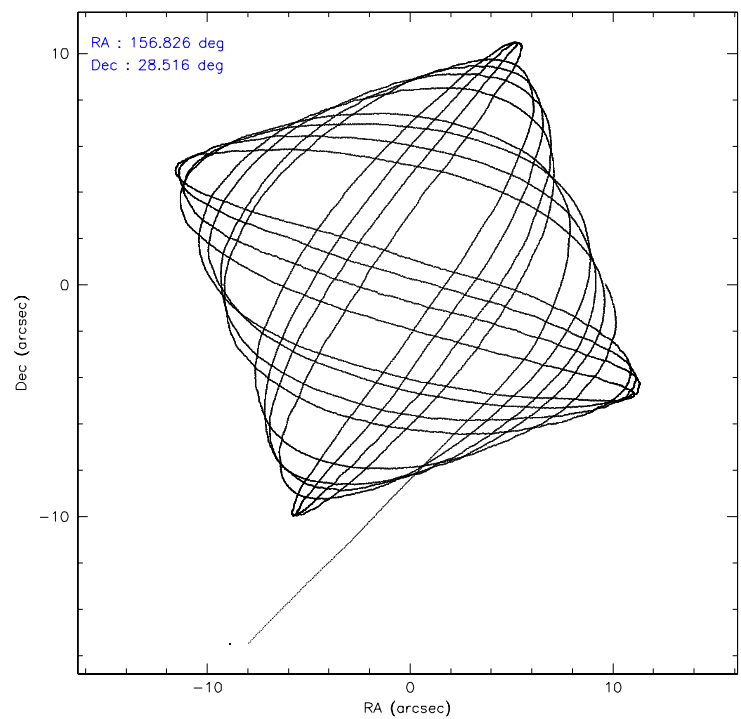
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	62406	59686	95152	60917	79590	80197
rejected events	55683	52678	50465	53426	49026	63800
rejected %	89%	88%	53%	87%	61%	79%

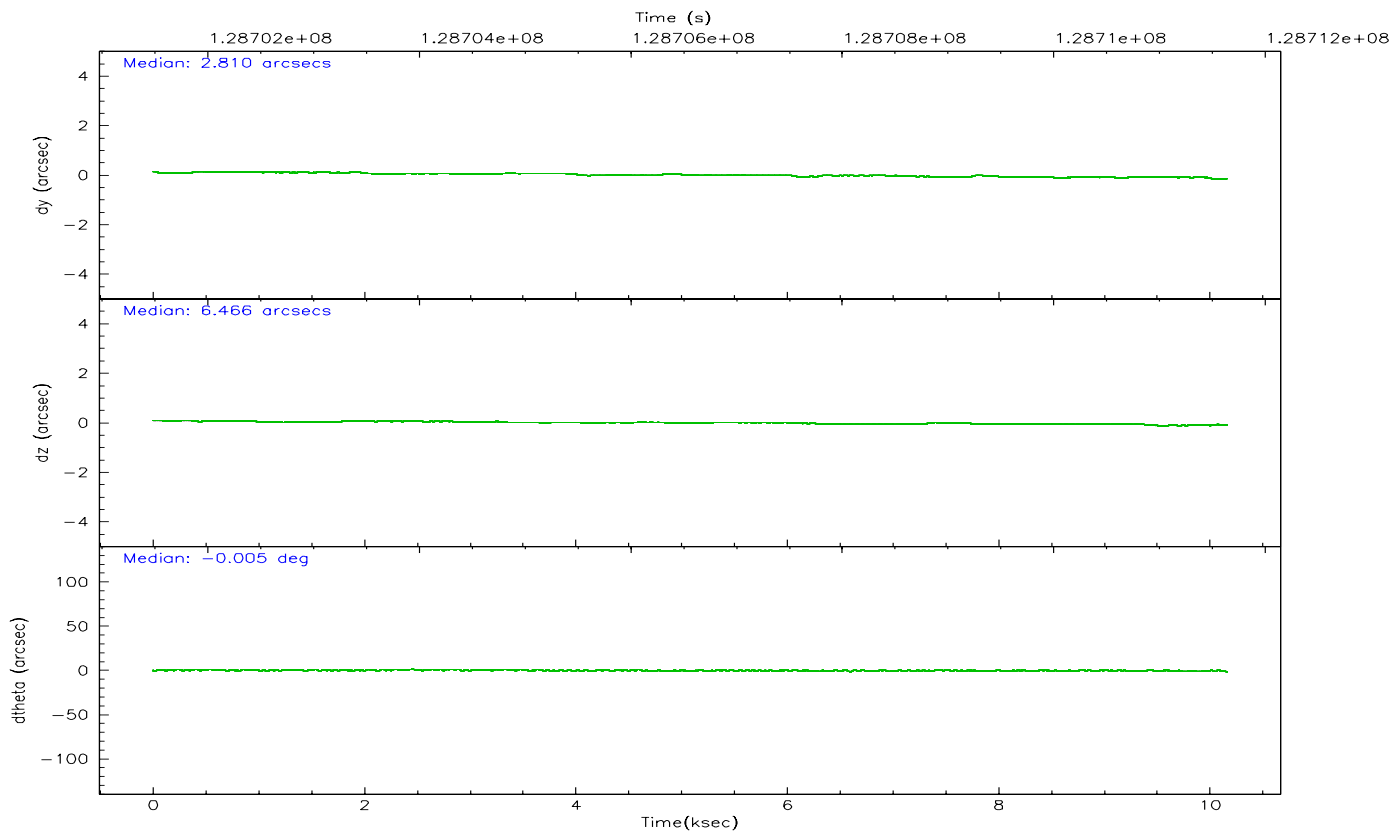
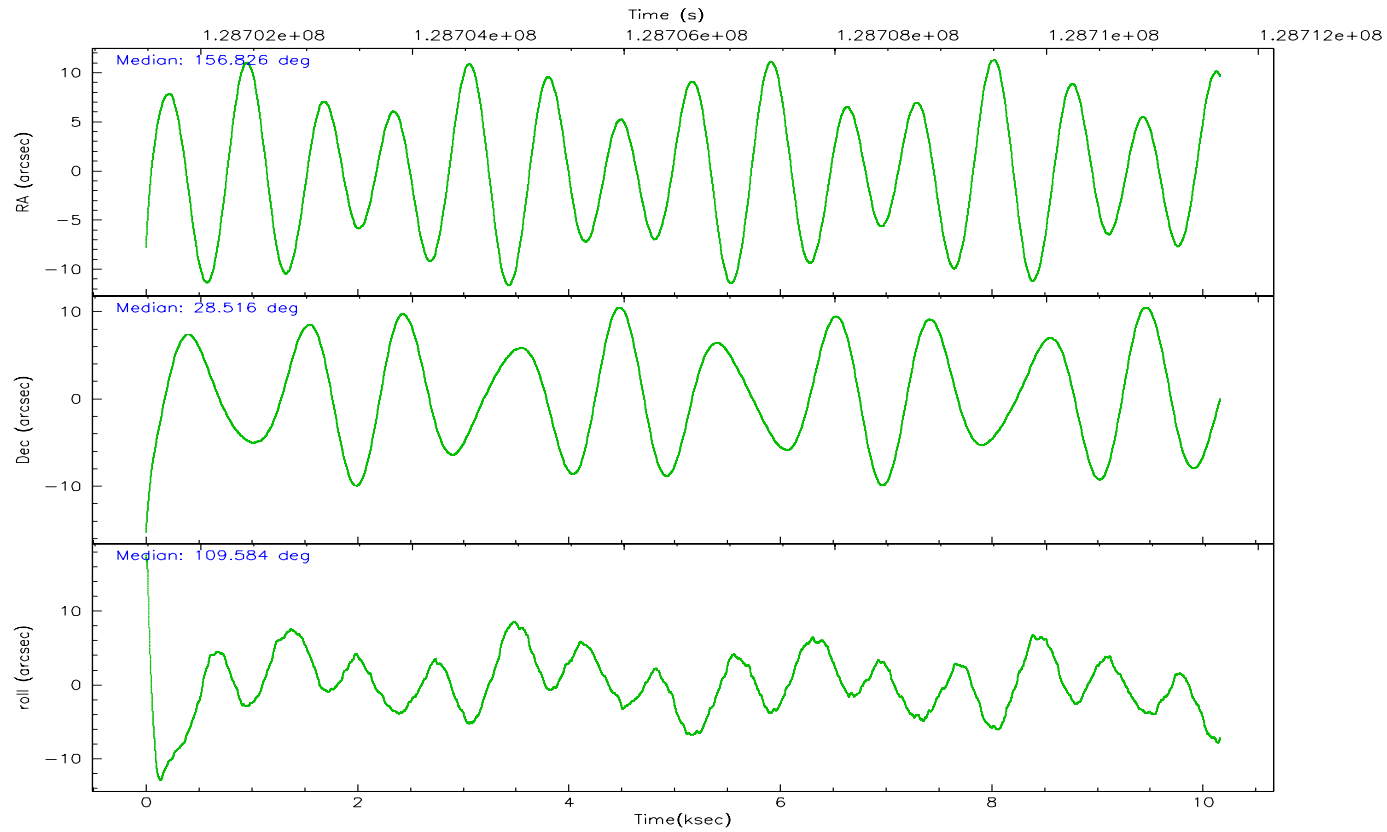
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	2647	2987	8785	3097	2097	5058
	4%	5%	9%	5%	2%	6%
grade 1 events	26	37	307	37	64	45
	0%	0%	0%	0%	0%	0%
grade 2 events	1521	1390	12485	1501	7561	3571
	2%	2%	13%	2%	9%	4%
grade 3 events	675	667	982	769	1706	1832
	1%	1%	1%	1%	2%	2%
grade 4 events	639	683	881	689	1625	1713
	1%	1%	0%	1%	2%	2%
grade 5 events	2221	2312	4265	2587	5260	3224
	3%	3%	4%	4%	6%	4%
grade 6 events	1244	1287	21568	1438	17591	4225
	1%	2%	22%	2%	22%	5%
grade 7 events	53433	50323	45879	50799	43686	60529
	85%	84%	48%	83%	54%	75%

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	156.849547	156.8257083962595	Alternating exposures requested	N	N
Pointing Dec	28.499113	28.51650075558659	Primary exposure time	0.000000	3.2
Pointing Roll	109.422653	109.5906938909638			
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	128701641.184000	128700197.19871			
Observation start date	2002-01-29T14:26:17	2002-01-29T14:03:17			
Observation end time	128711641.184000	128712229.16169			
Observation end date	2002-01-29T17:12:57	2002-01-29T17:23:49			
Read mode	TIMED	TIMED			

2.3 Aspect



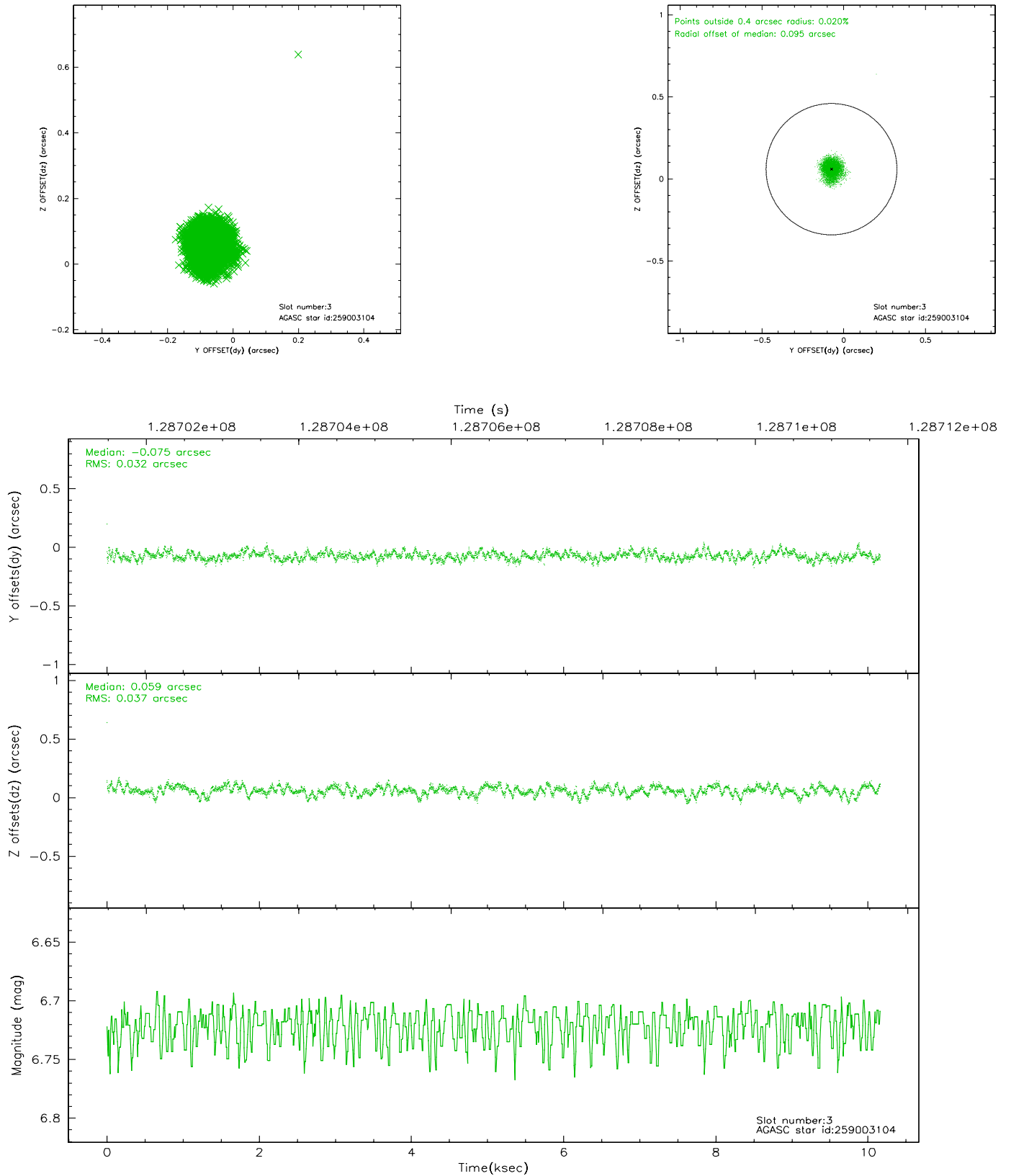


Slot Statistics

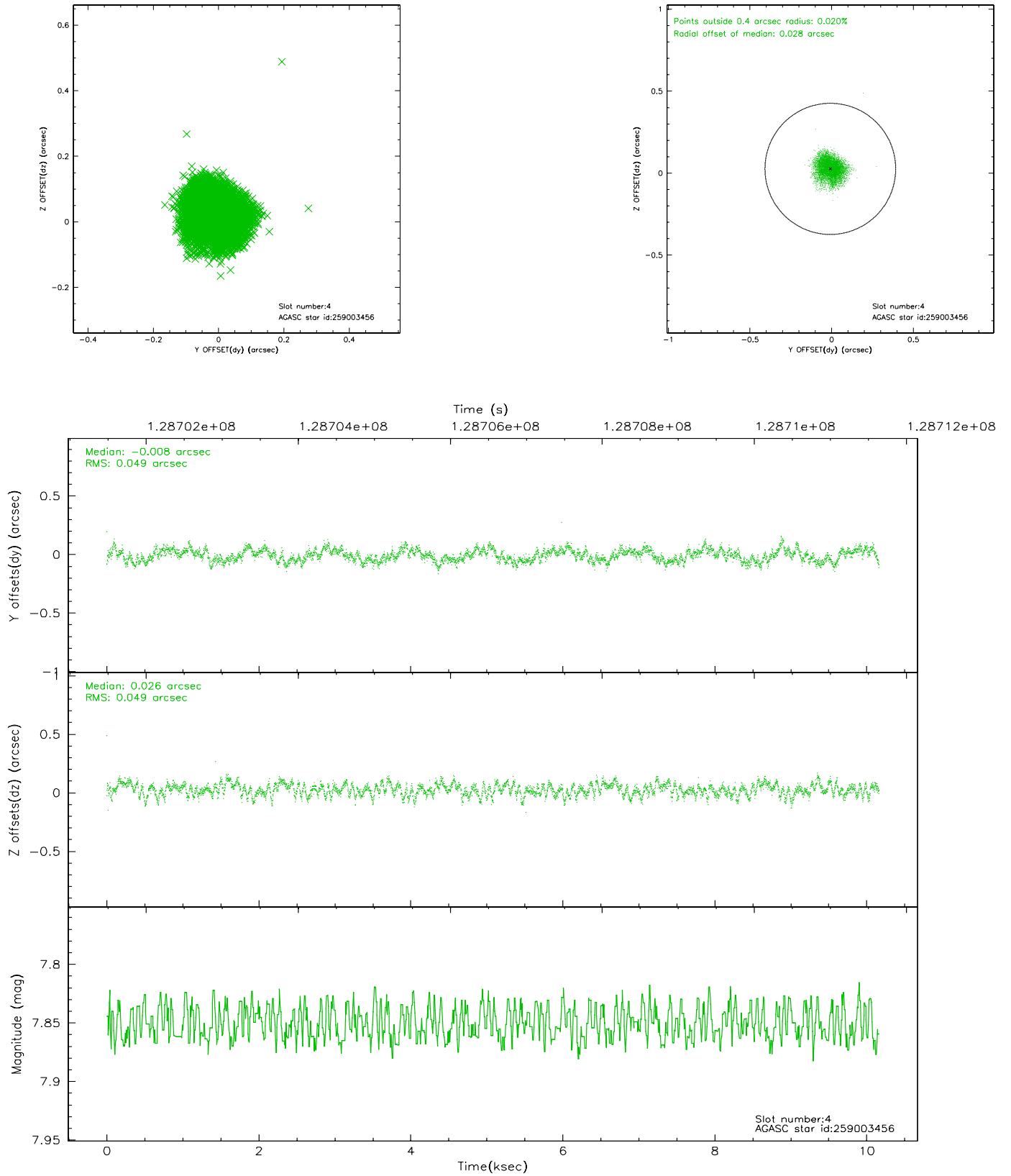
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	2478	-0.018	0.033	0.008	0.013	0.000000	0.000000	-755.44	-1727.59
1	FID	ACIS-S-4	7.20	2478	-0.066	0.000	0.006	0.010	0.000000	0.000000	2157.52	180.36
2	FID	ACIS-S-5	7.24	2479	0.053	-0.024	0.008	0.012	0.000000	0.000000	-1807.57	174.54
3	GUIDE	259003104	6.72	4957	-0.075	0.059	0.052	0.084	157.473711	28.581224	-371.76	-1961.38
4	GUIDE	259003456	7.85	4957	-0.008	0.026	0.075	0.114	157.443141	28.555534	-427.49	-1840.13
5	GUIDE	259007536	9.41	4952	0.009	-0.034	0.075	0.122	156.856507	28.103646	-1349.53	451.50
6	GUIDE	259001248	8.99	4955	0.033	-0.084	0.072	0.116	156.819979	27.871066	-2100.76	839.92
7	GUIDE	259007088	9.47	4956	0.039	0.042	0.159	0.229	157.057945	28.387879	-596.27	-489.72

2.4 Star Slots

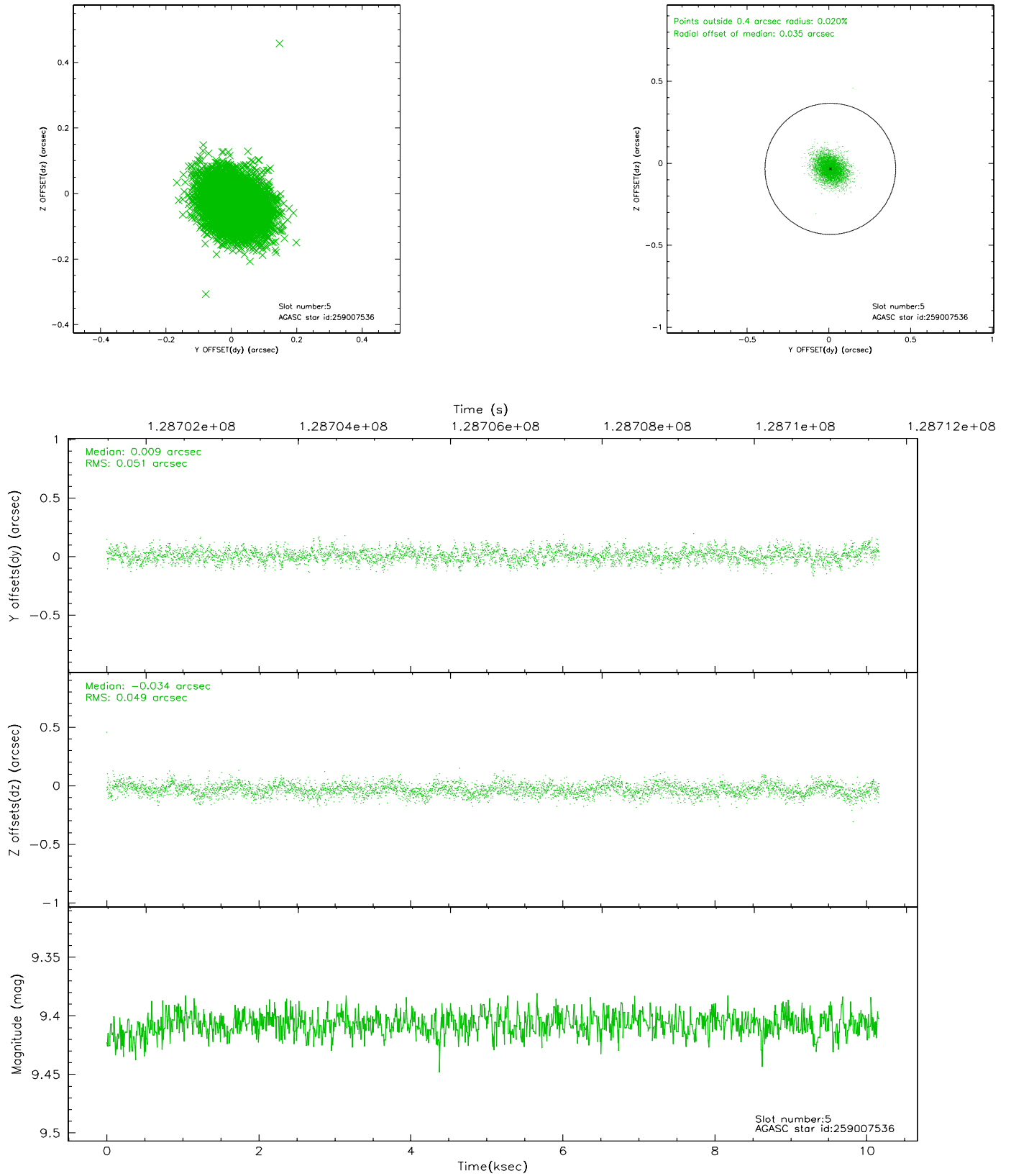
2.4.1 Slot 3



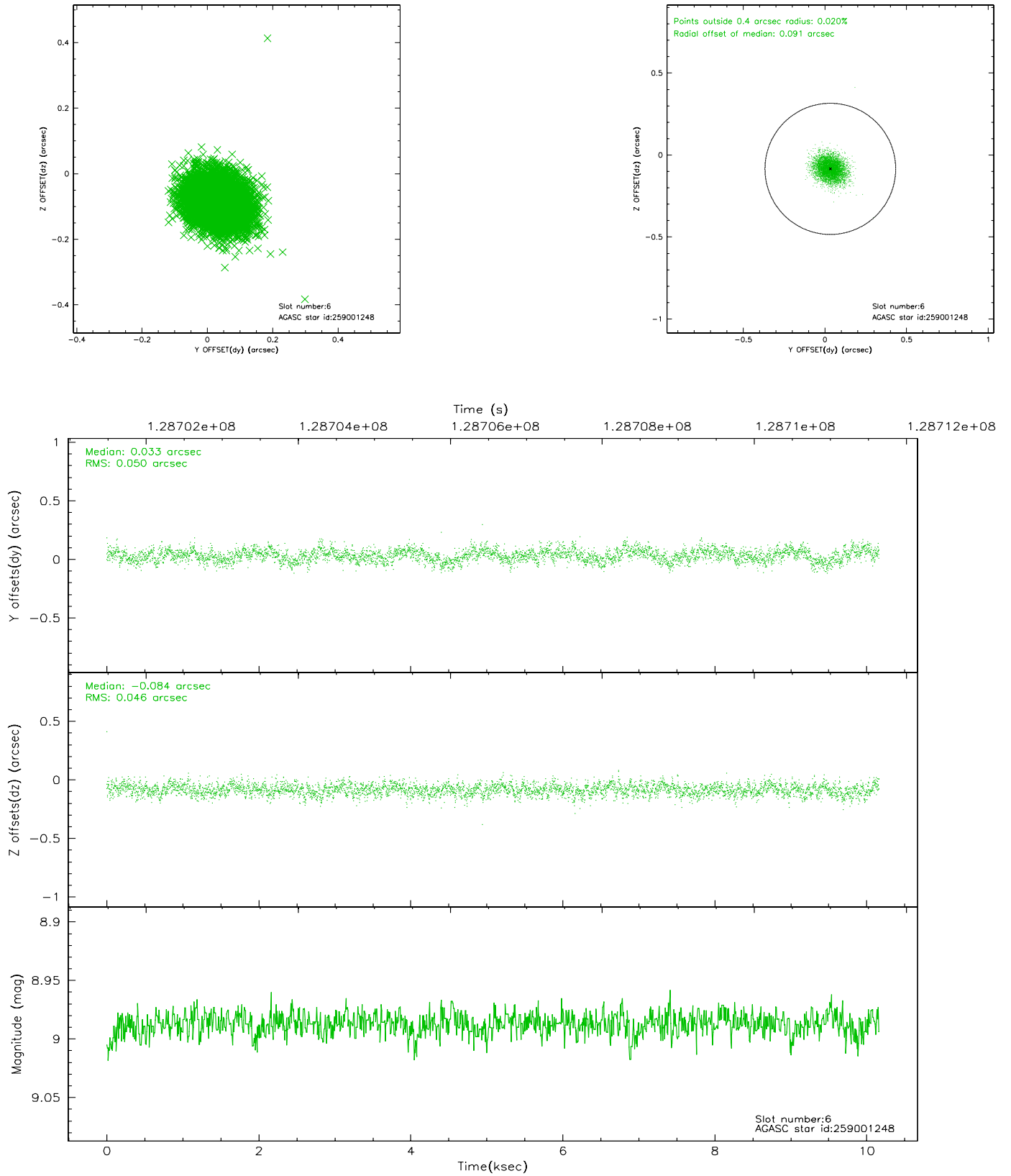
2.4.2 Slot 4



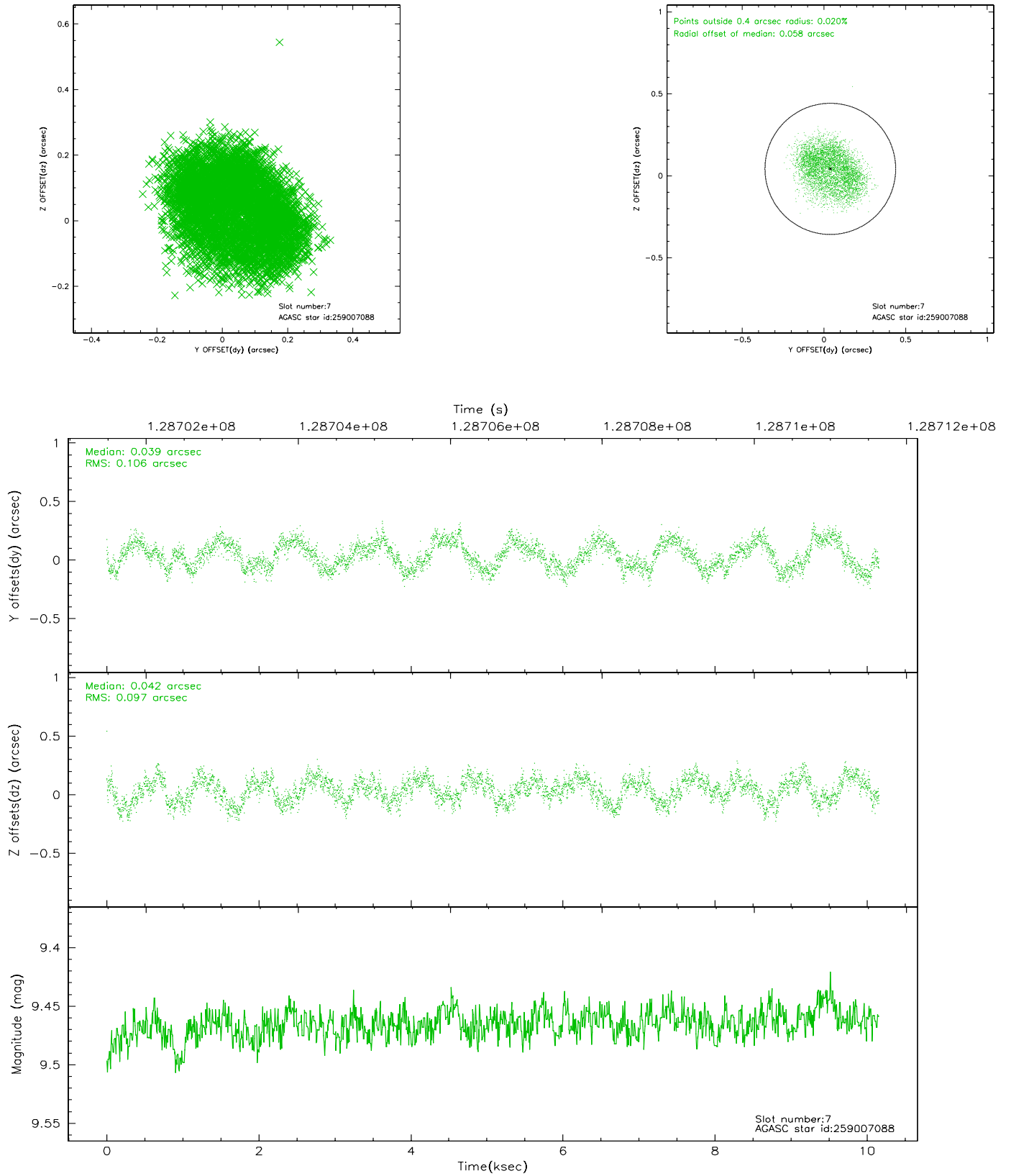
2.4.3 Slot 5



2.4.4 Slot 6

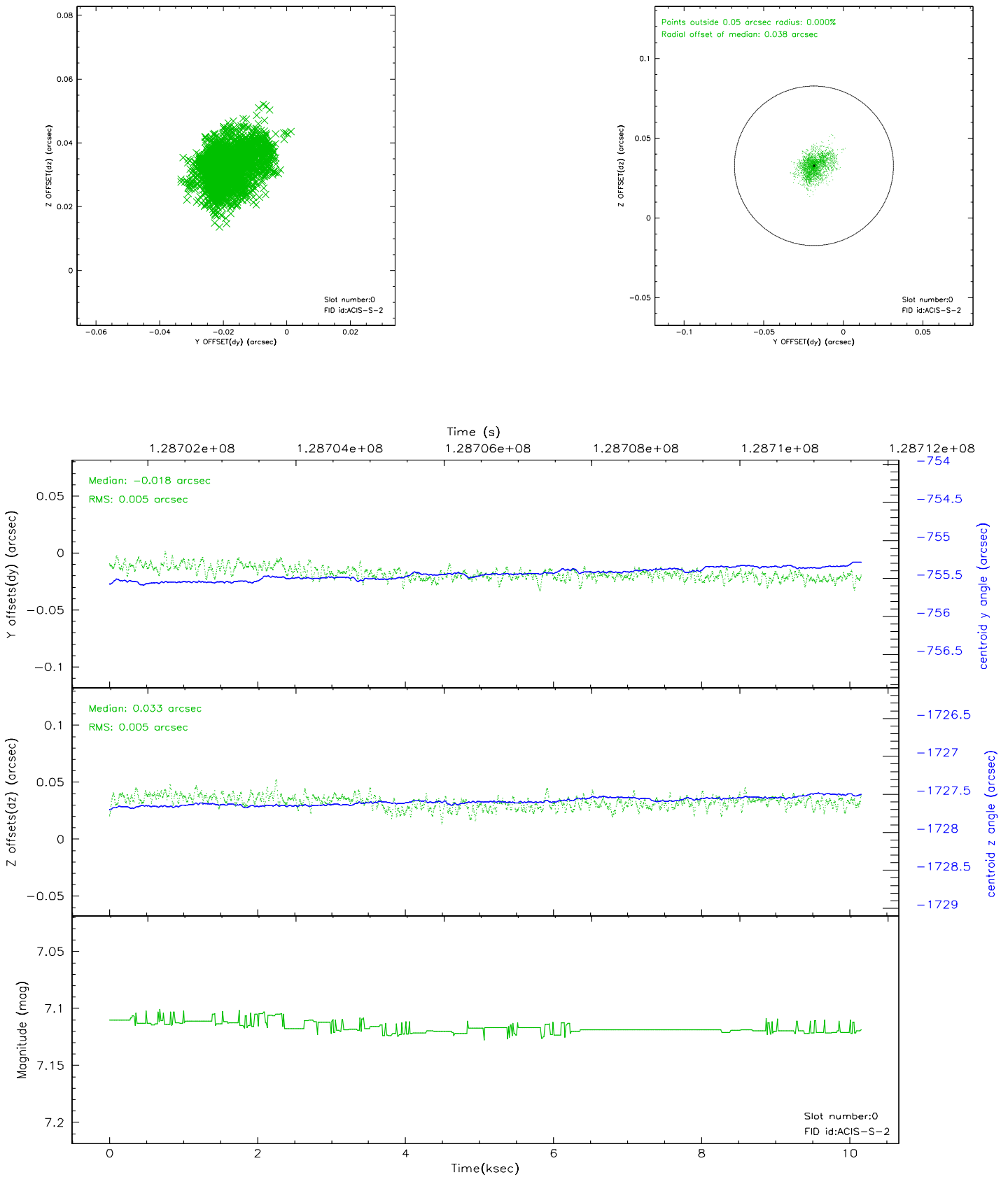


2.4.5 Slot 7

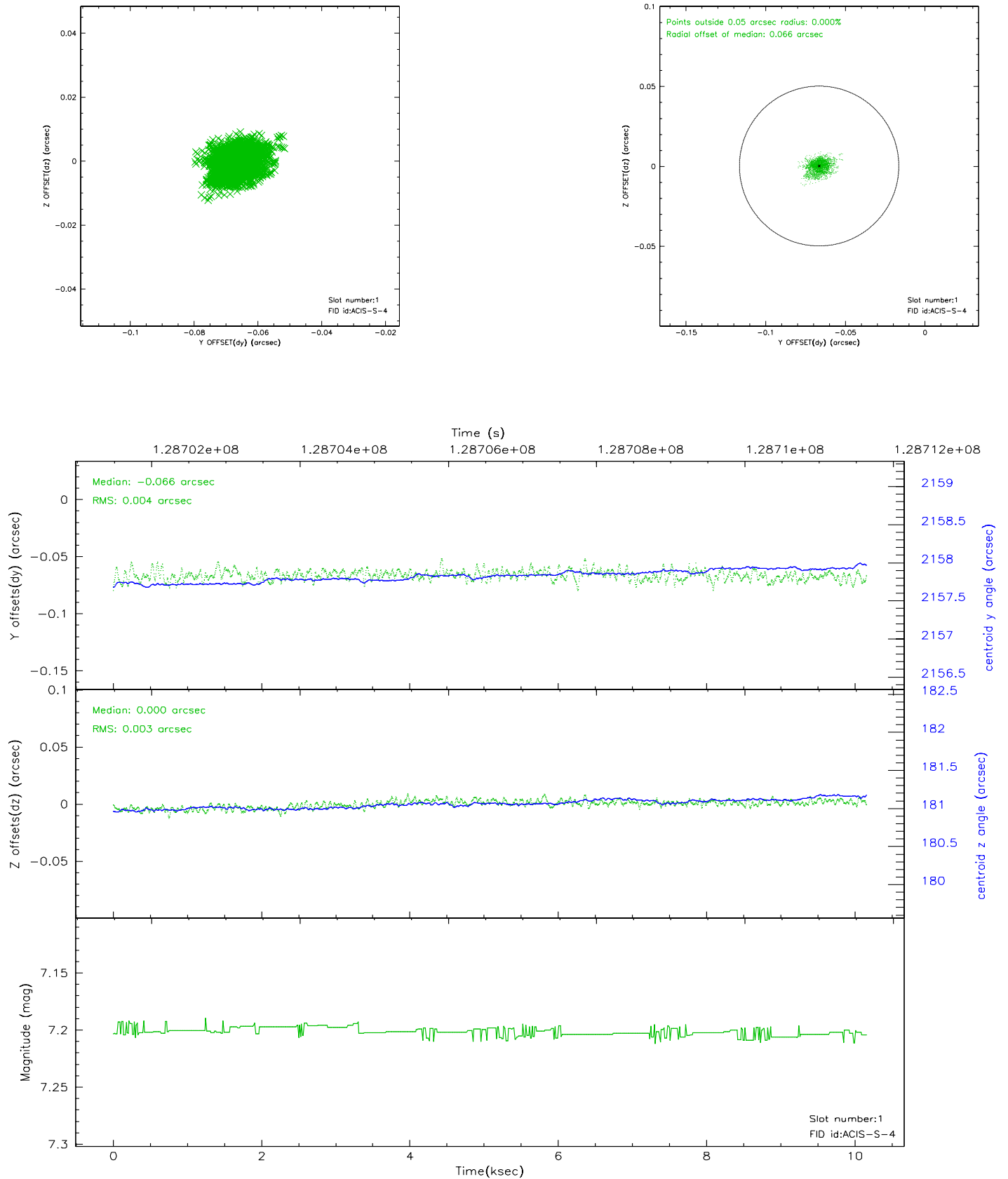


2.5 FID Slots

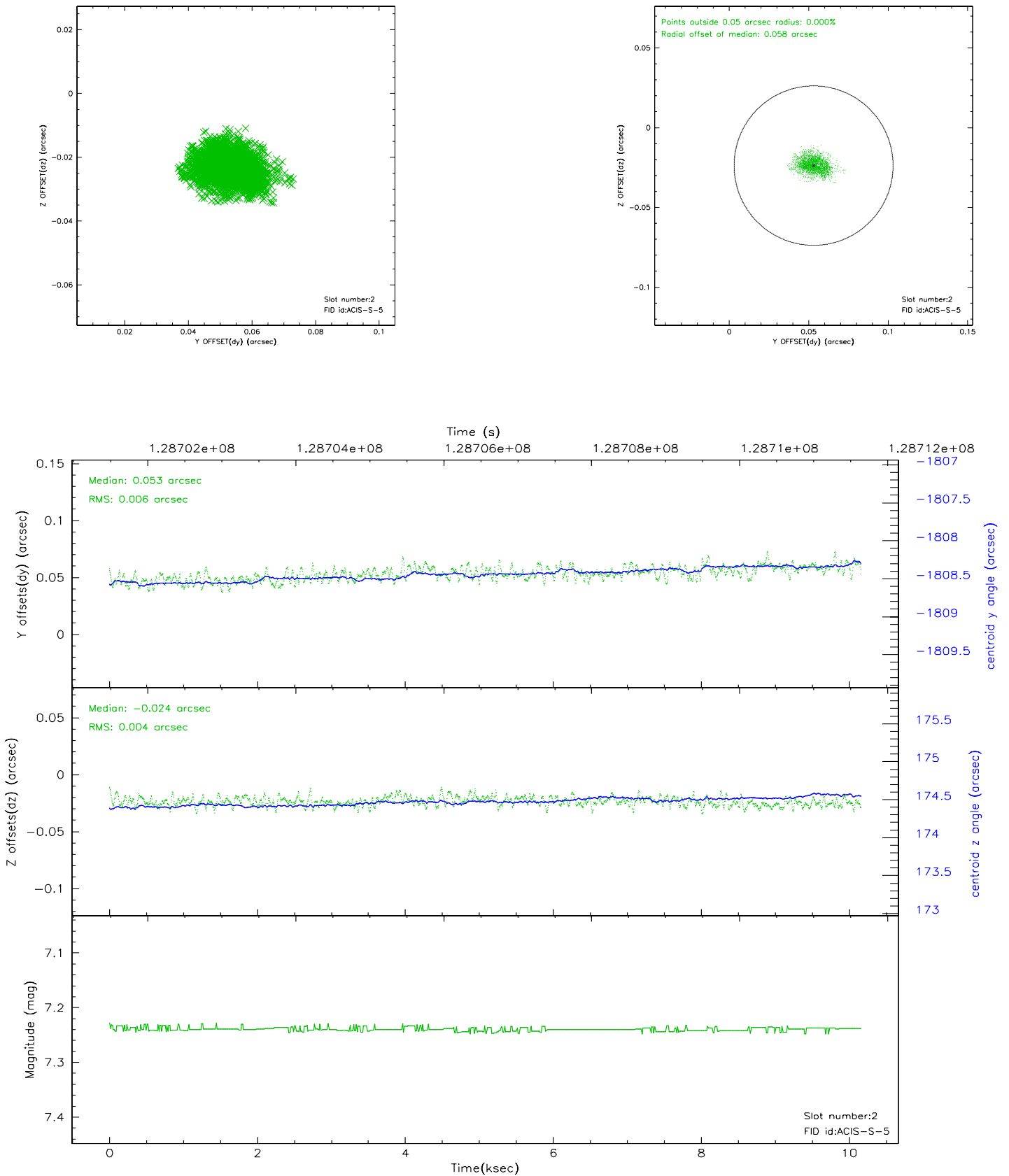
2.5.1 Slot 0



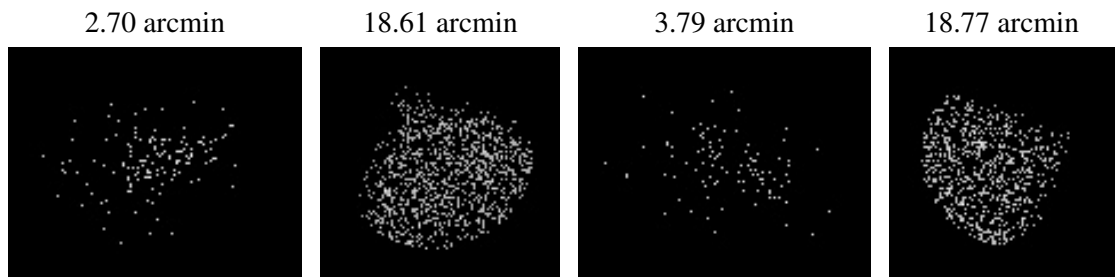
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.08.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.756

A.2 Comments