

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2198 - L2 Version 001
Chandra X-Ray Center

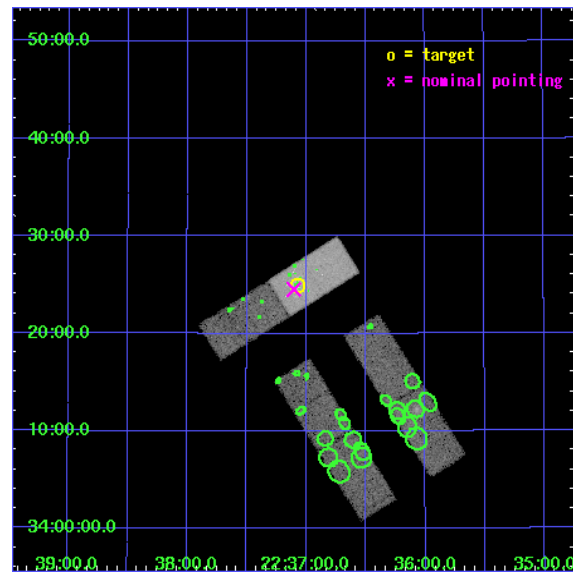
L2 Processing Date : Nov 4 2006

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1 Front

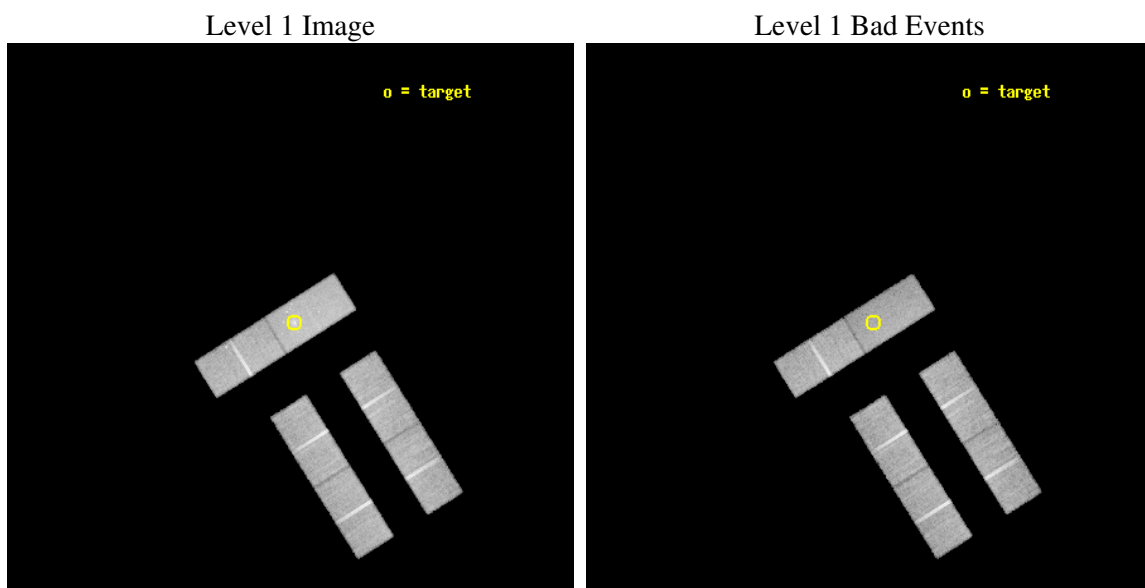
seq_num	700388
obs_id	2198
title	CHANDRA OBSERVATIONS OF NEARBY LLAGN: STARBURSTS OR AGNS ?
observer	Dr. Andreas Zezas
object	NGC 7331
dtcycle	0
cycle	P
ra_targ	339.267083
dec_targ	34.415556
ra_nom	339.27588978535
dec_nom	34.408923079511
roll_nom	327.87357127081
revision	2
ontime	30131.999950111
livetime	29460.304996198
ontime0	30131.999950111
ontime1	30131.999950111
ontime2	30131.999950111
ontime3	30131.999950111
ontime6	30131.999950111
ontime7	30131.999950111
l2events	99297



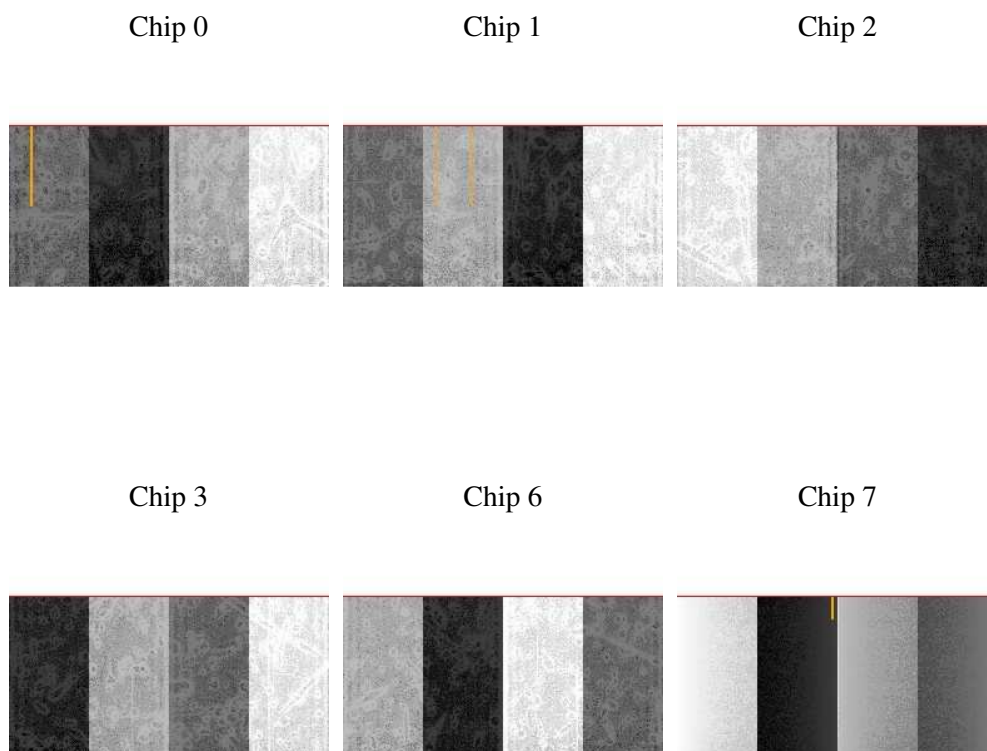
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-11-04T11:08:21
revision	2

sched_exp_time	30000.000000
ontime	30783.622594833
ontime0	30783.622594833
ontime1	30783.622594833
ontime2	30783.622594833
ontime3	30783.622594833
ontime6	30783.622594833
ontime7	30783.622594833
l1events	616774

2.1.4 Events

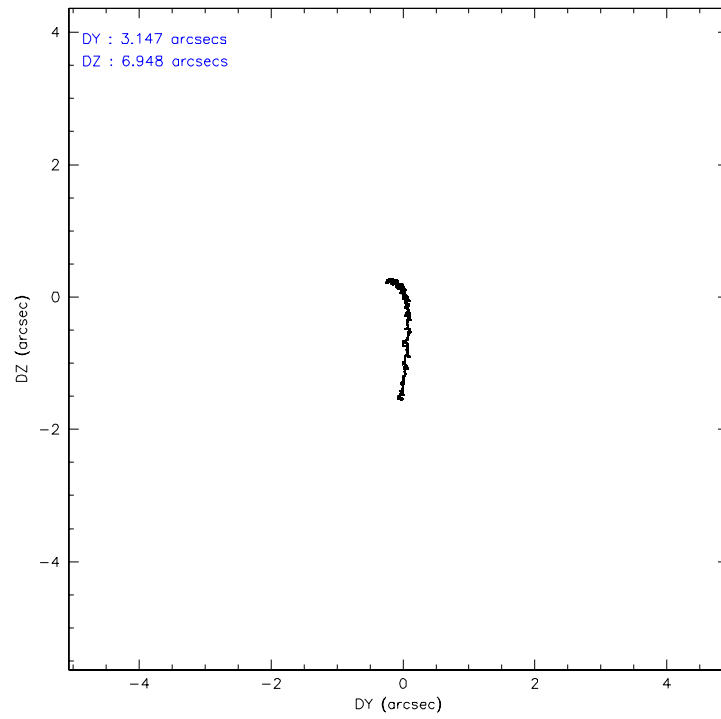
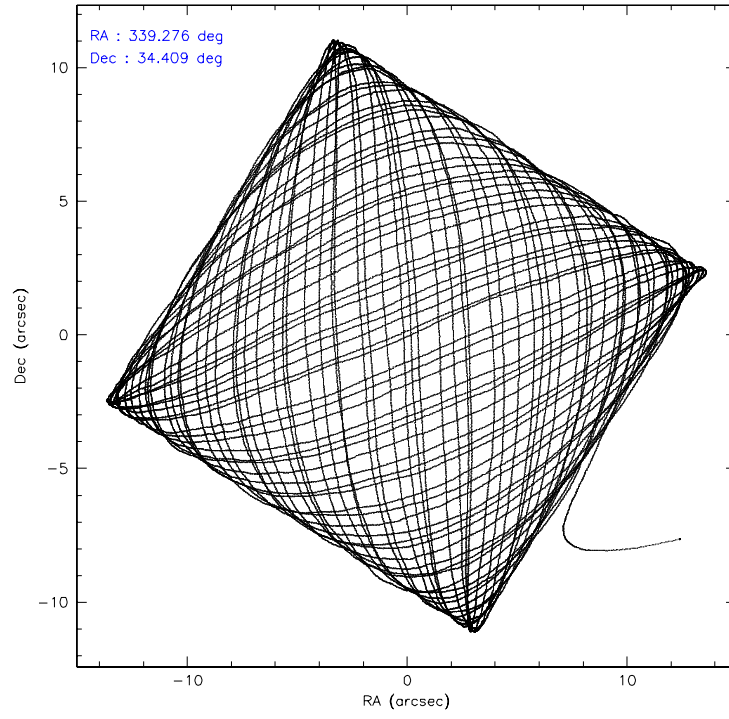
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	95963	93081	99372	101170	104439	122749
rejected events	84304	80540	88142	89913	92257	71365
rejected %	87%	86%	88%	88%	88%	58%

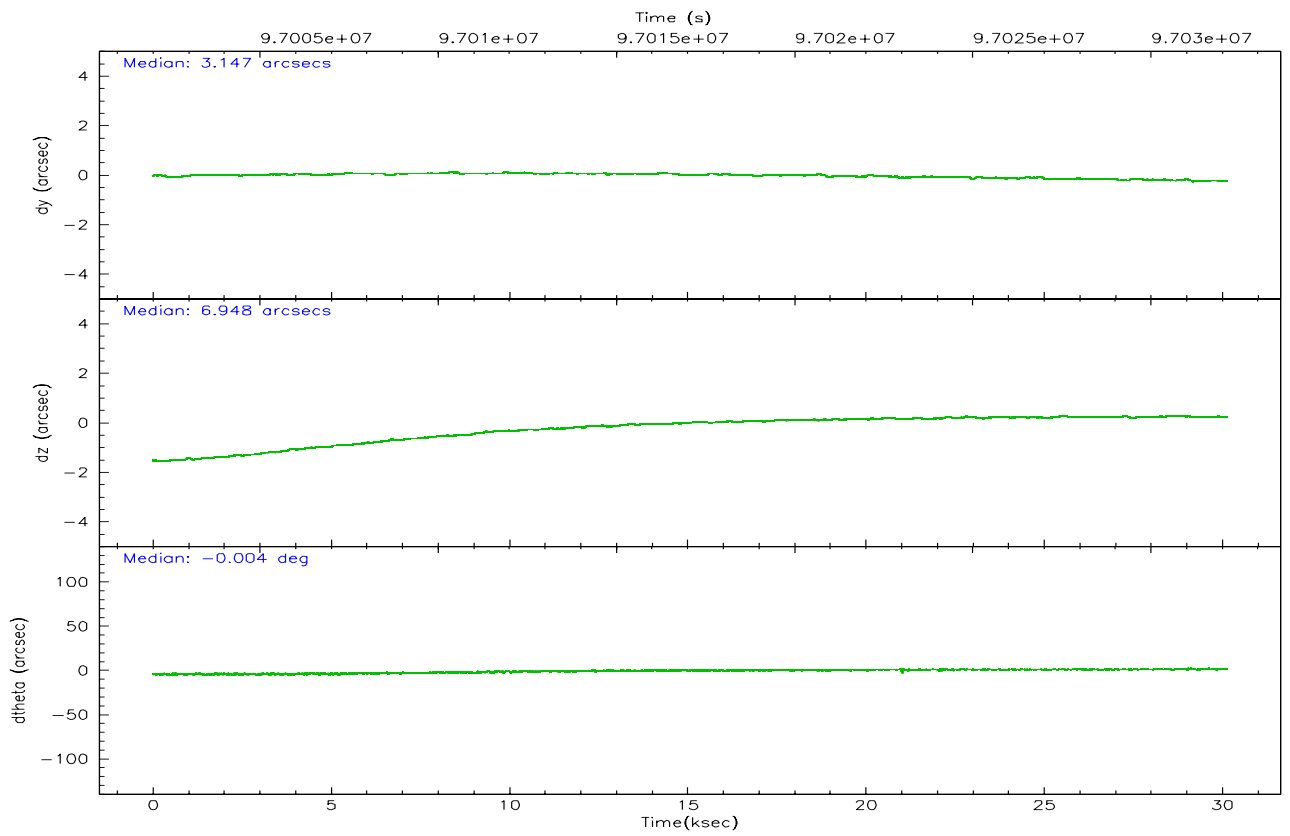
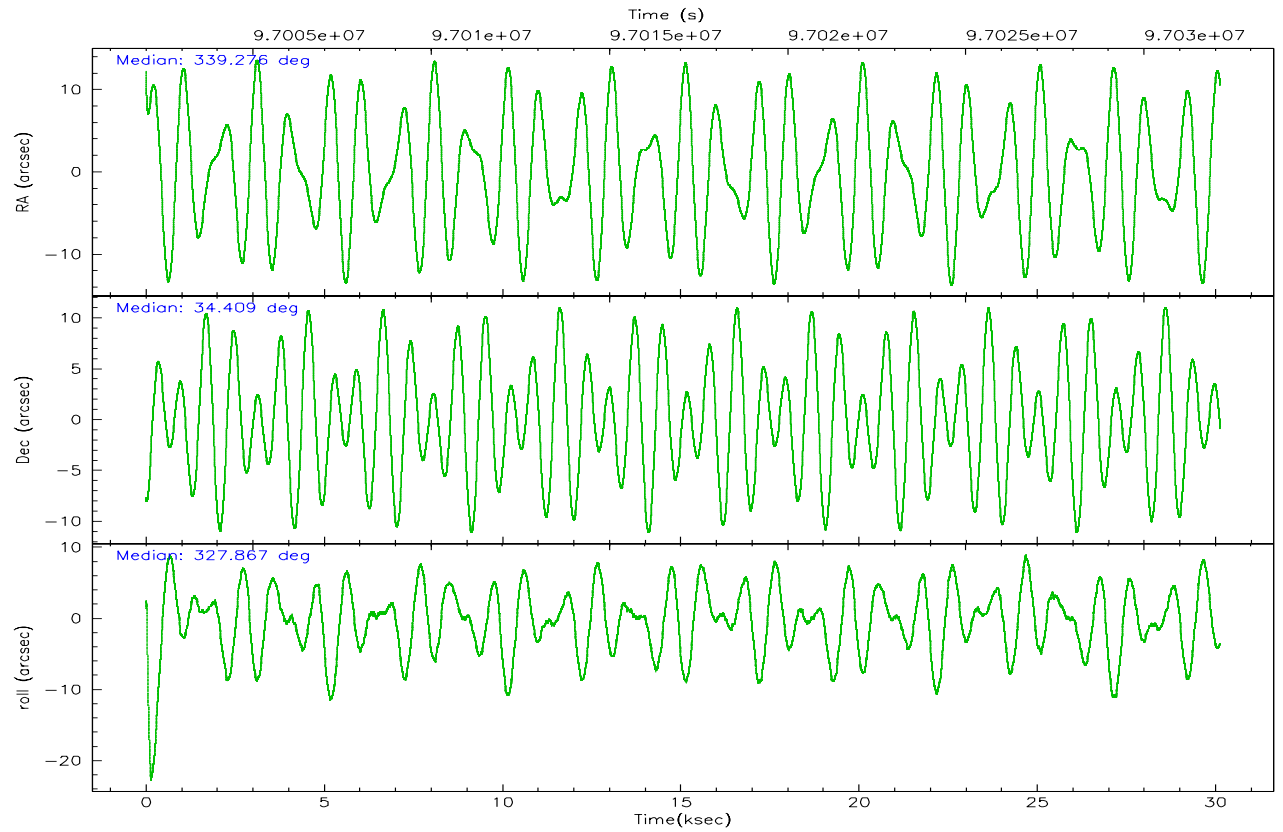
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	4777	5409	4877	4598	5126	4954
	4%	5%	4%	4%	4%	4%
grade 1 events	47	30	33	29	30	77
	0%	0%	0%	0%	0%	0%
grade 2 events	2483	2424	2191	2337	2470	12856
	2%	2%	2%	2%	2%	10%
grade 3 events	1342	1361	1296	1258	1329	3780
	1%	1%	1%	1%	1%	3%
grade 4 events	1178	1401	1273	1232	1318	3623
	1%	1%	1%	1%	1%	2%
grade 5 events	3496	3472	3120	3540	3786	8375
	3%	3%	3%	3%	3%	6%
grade 6 events	2151	2218	1831	2078	2228	27255
	2%	2%	1%	2%	2%	22%
grade 7 events	80489	76766	84751	86098	88152	61829
	83%	82%	85%	85%	84%	50%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	339.242764	339.2758897853527	Subarray requested	1/2	1/2
Pointing Dec	34.409695	34.40892307951119	Subarray start row	0	257
Pointing Roll	327.735650	327.8735712708079	Subarray row count	1024	512
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	1.8
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	97002132.184000	97000972.152336			
Observation start date	2001-01-27T17:01:08	2001-01-27T16:42:52			
Observation end time	97032132.184000	97032805.57856099			
Observation end date	2001-01-28T01:21:08	2001-01-28T01:33:25			
Read mode	TIMED	TIMED			

2.3 Aspect



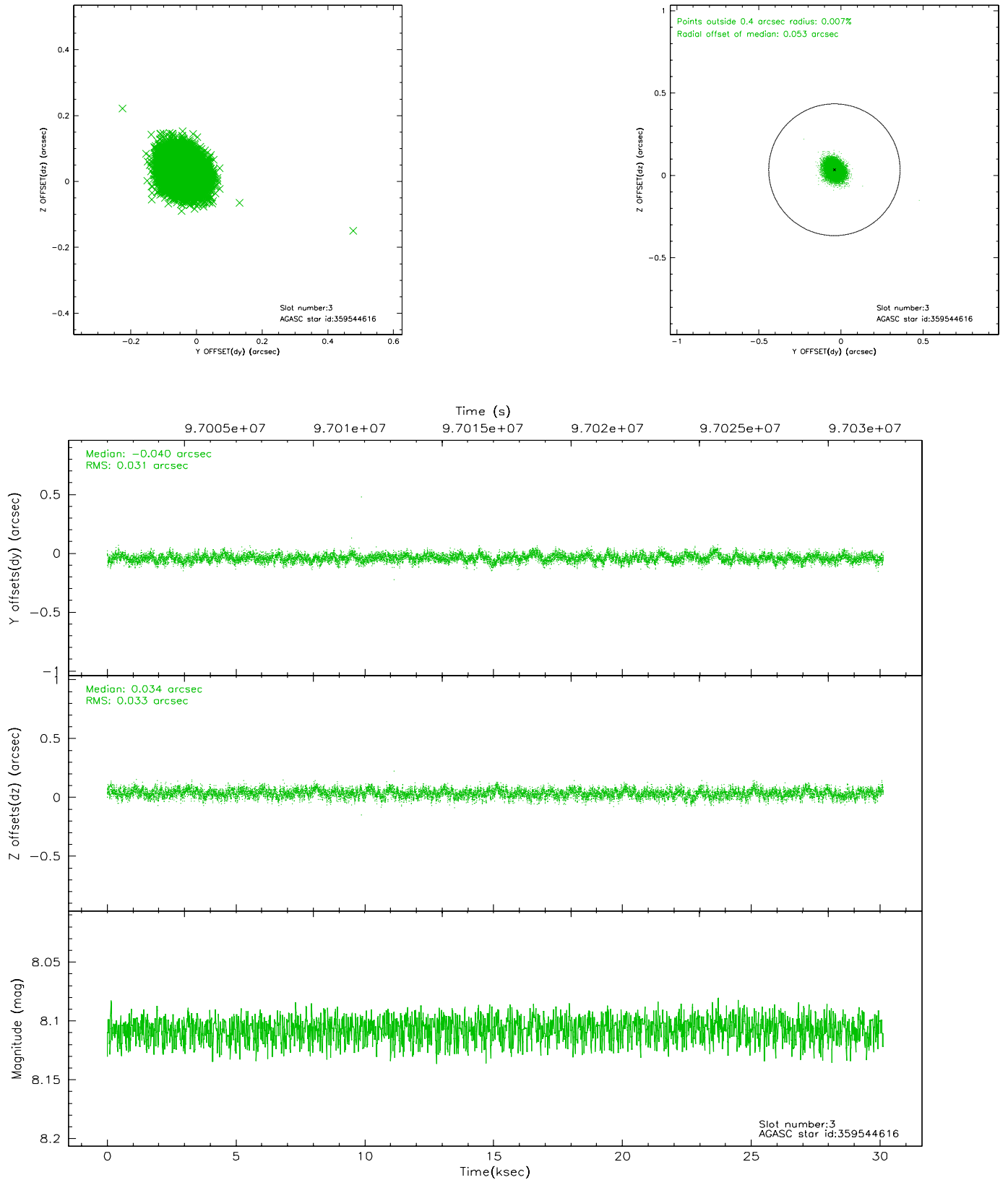


Slot Statistics

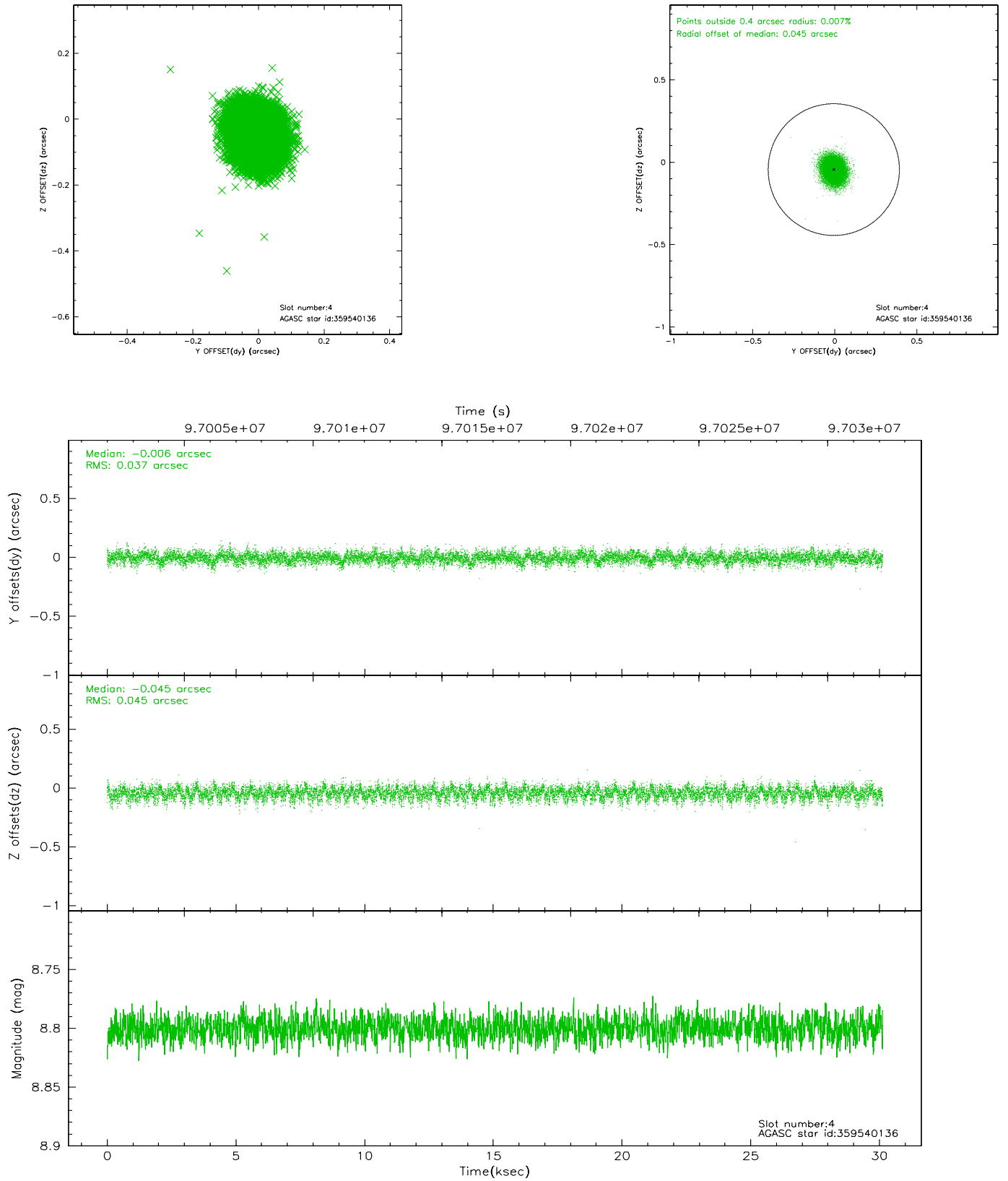
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	7350	0.006	0.031	0.014	0.025	0.000000	0.000000	-755.76	-1727.77
1	FID	ACIS-S-4	7.20	7350	-0.087	-0.011	0.018	0.027	0.000000	0.000000	2157.39	180.61
2	FID	ACIS-S-5	7.24	7351	0.051	-0.012	0.009	0.014	0.000000	0.000000	-1808.47	174.34
3	GUIDE	359544616	8.11	14696	-0.040	0.034	0.048	0.078	339.312307	34.927880	-821.89	1686.77
4	GUIDE	359540136	8.80	14697	-0.006	-0.045	0.062	0.101	339.014971	34.618247	-971.28	274.96
5	GUIDE	359541464	8.67	14698	0.036	-0.059	0.059	0.095	339.073218	34.654496	-894.65	477.19
6	GUIDE	359532480	9.17	14694	-0.066	-0.059	0.094	0.143	338.355352	34.103802	-1654.33	-2334.00
7	GUIDE	359668200	9.45	14696	0.080	0.128	0.095	0.154	339.828324	34.777783	754.48	2048.93

2.4 Star Slots

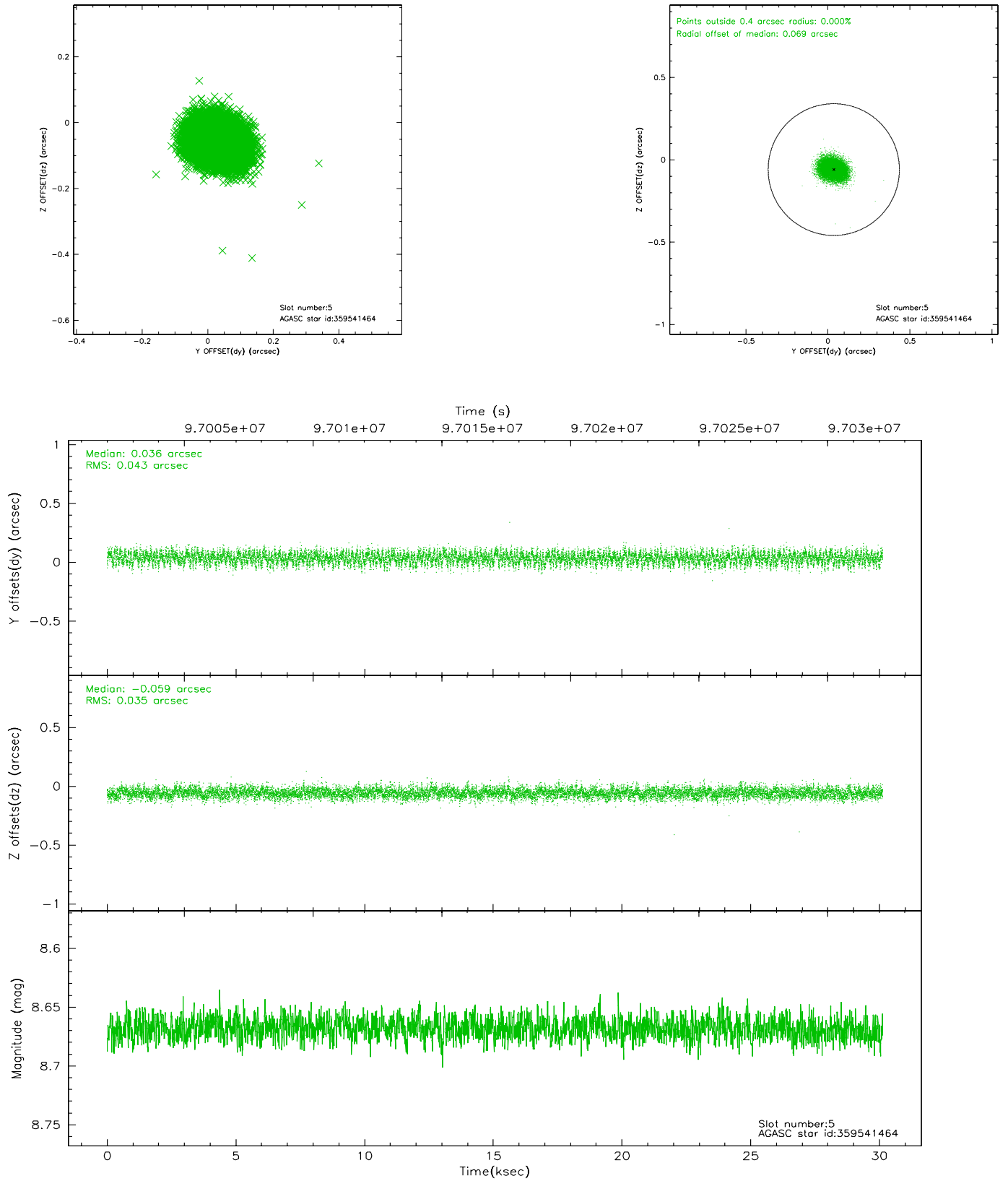
2.4.1 Slot 3



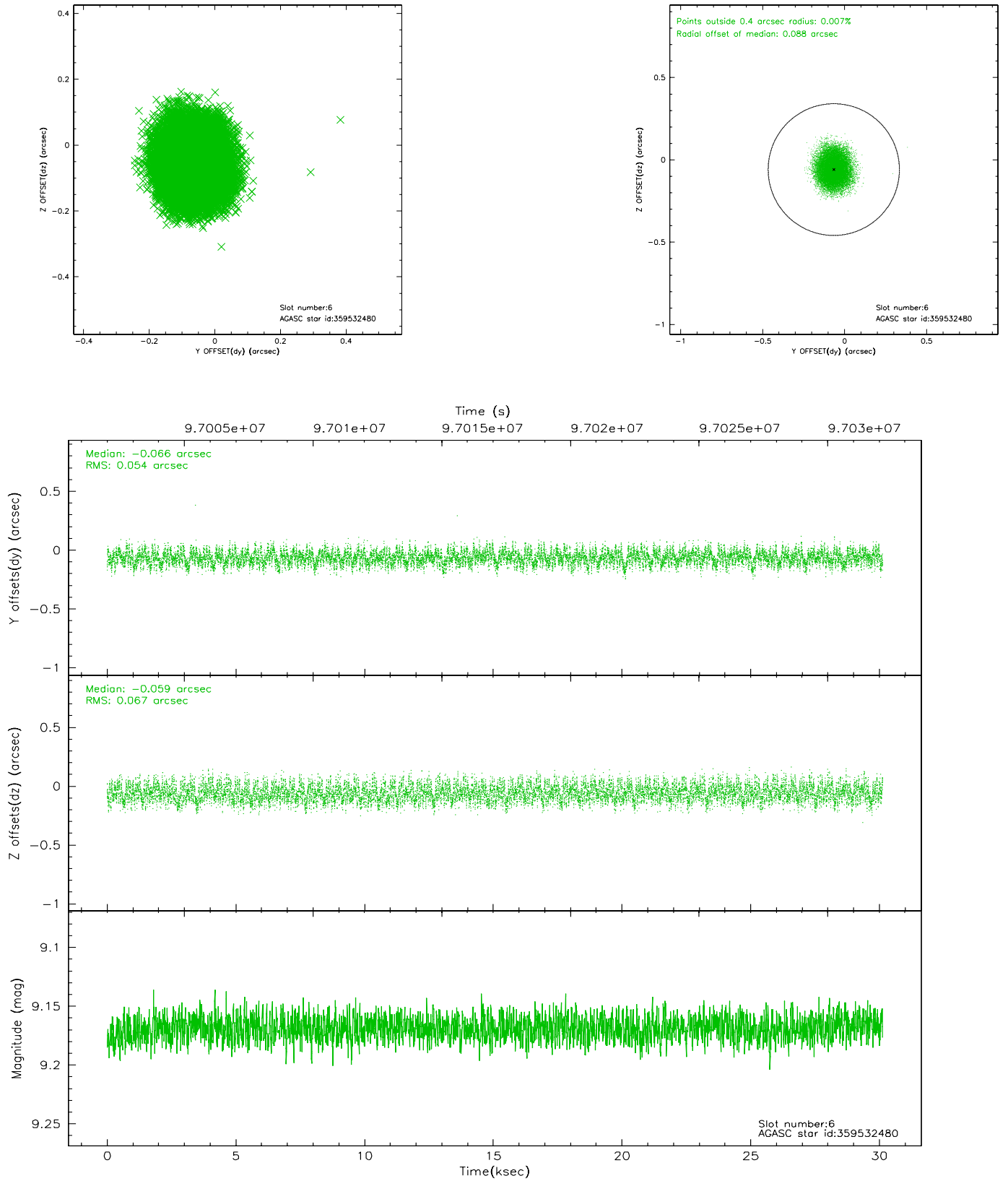
2.4.2 Slot 4



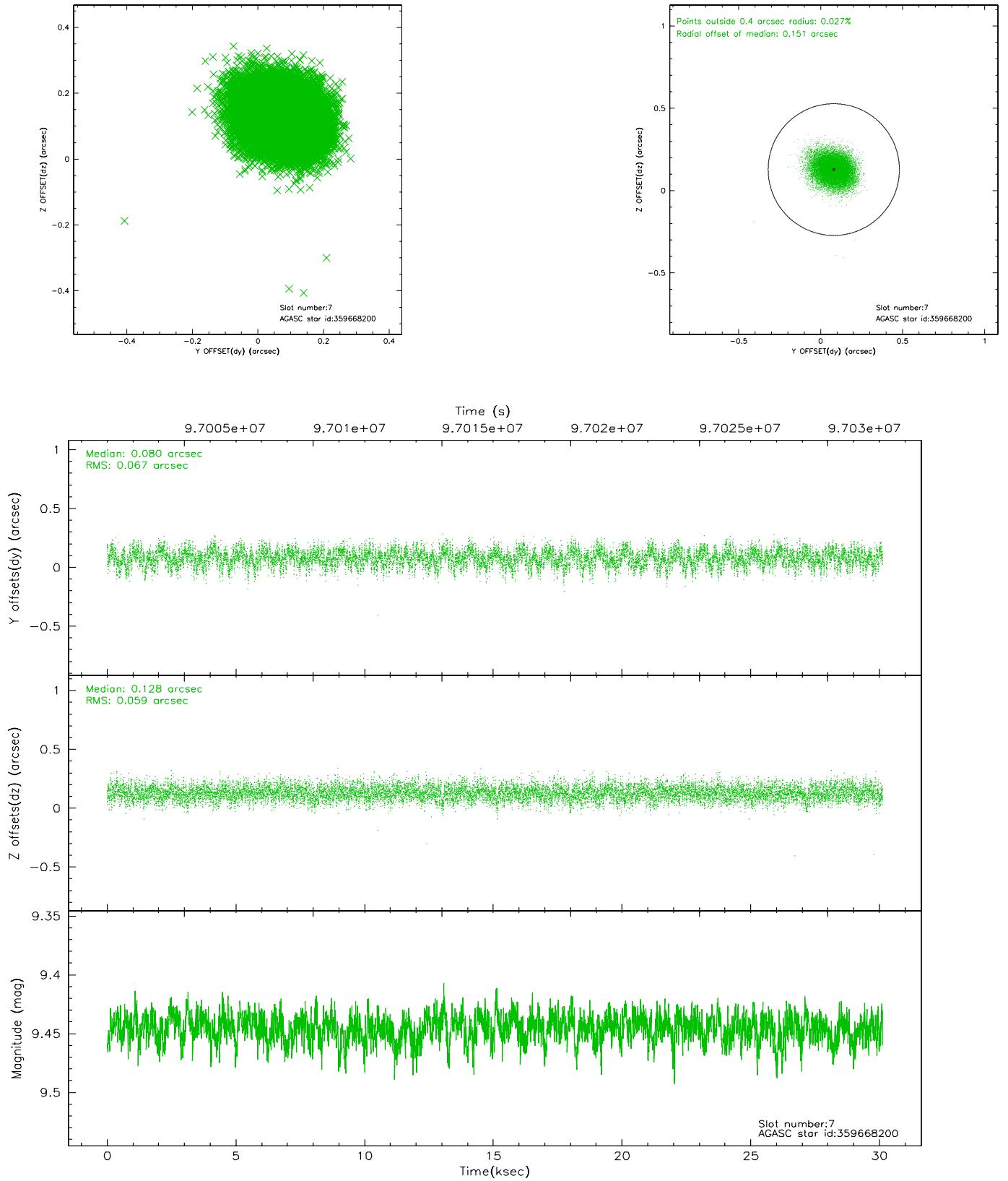
2.4.3 Slot 5



2.4.4 Slot 6

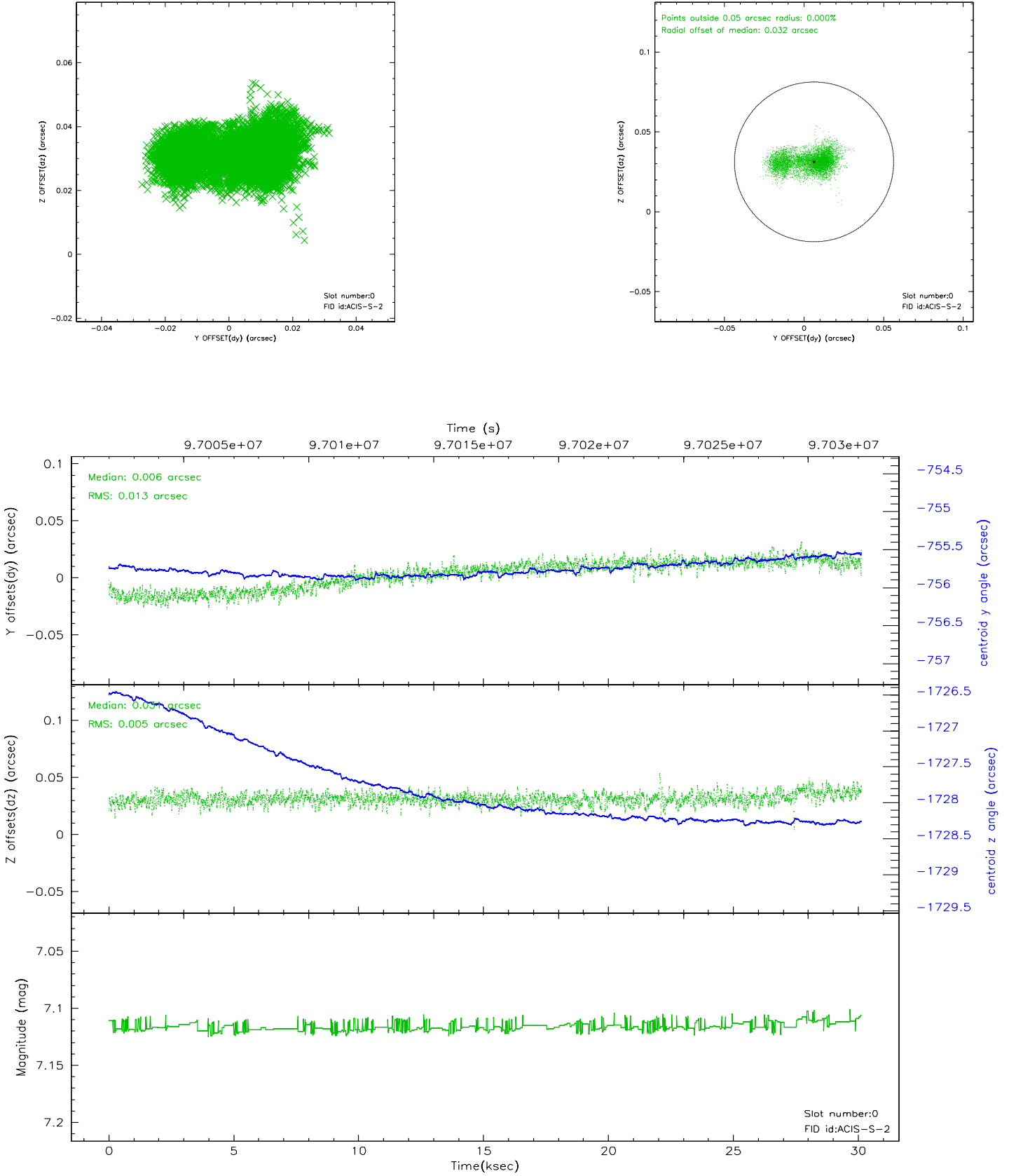


2.4.5 Slot 7

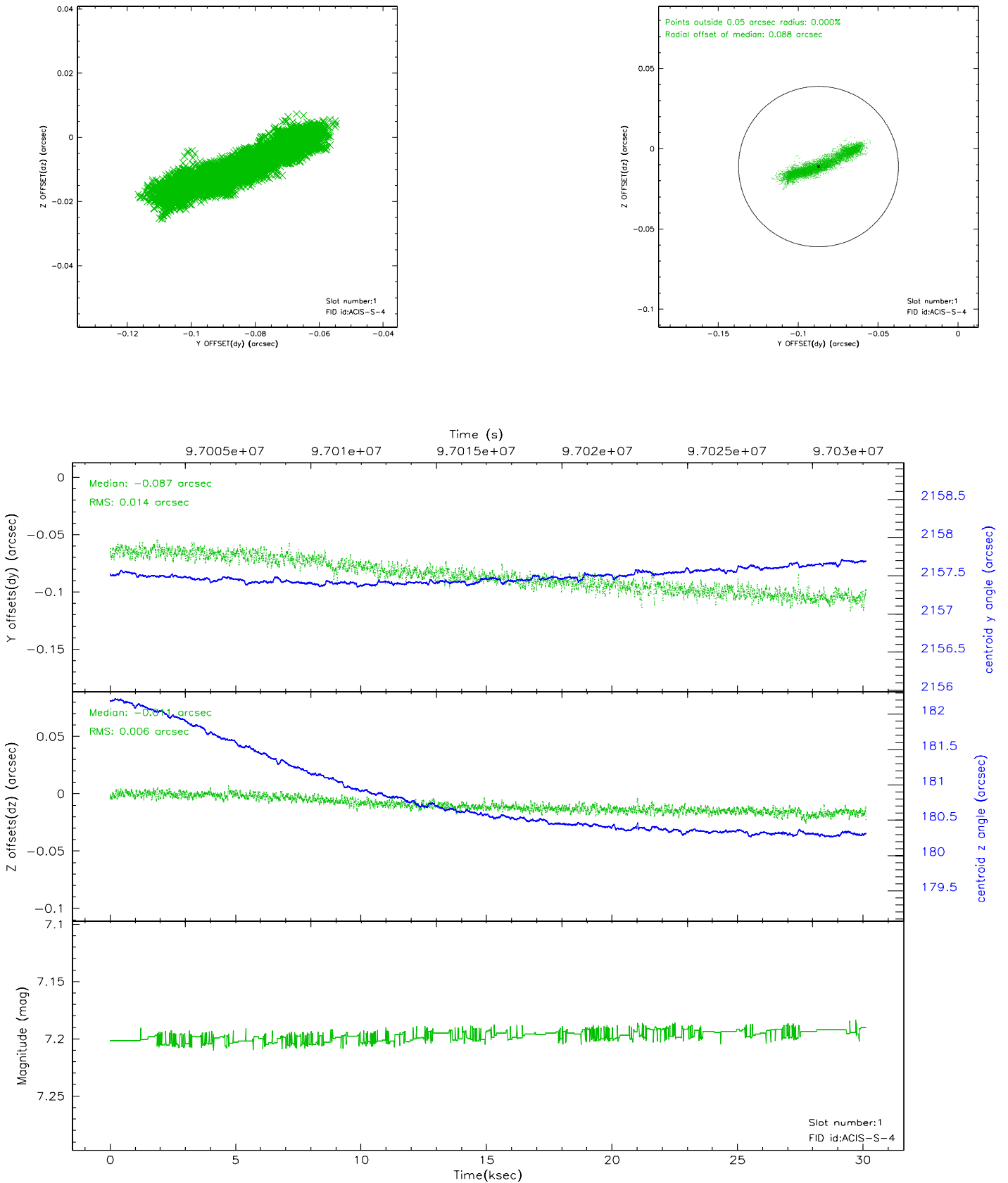


2.5 FID Slots

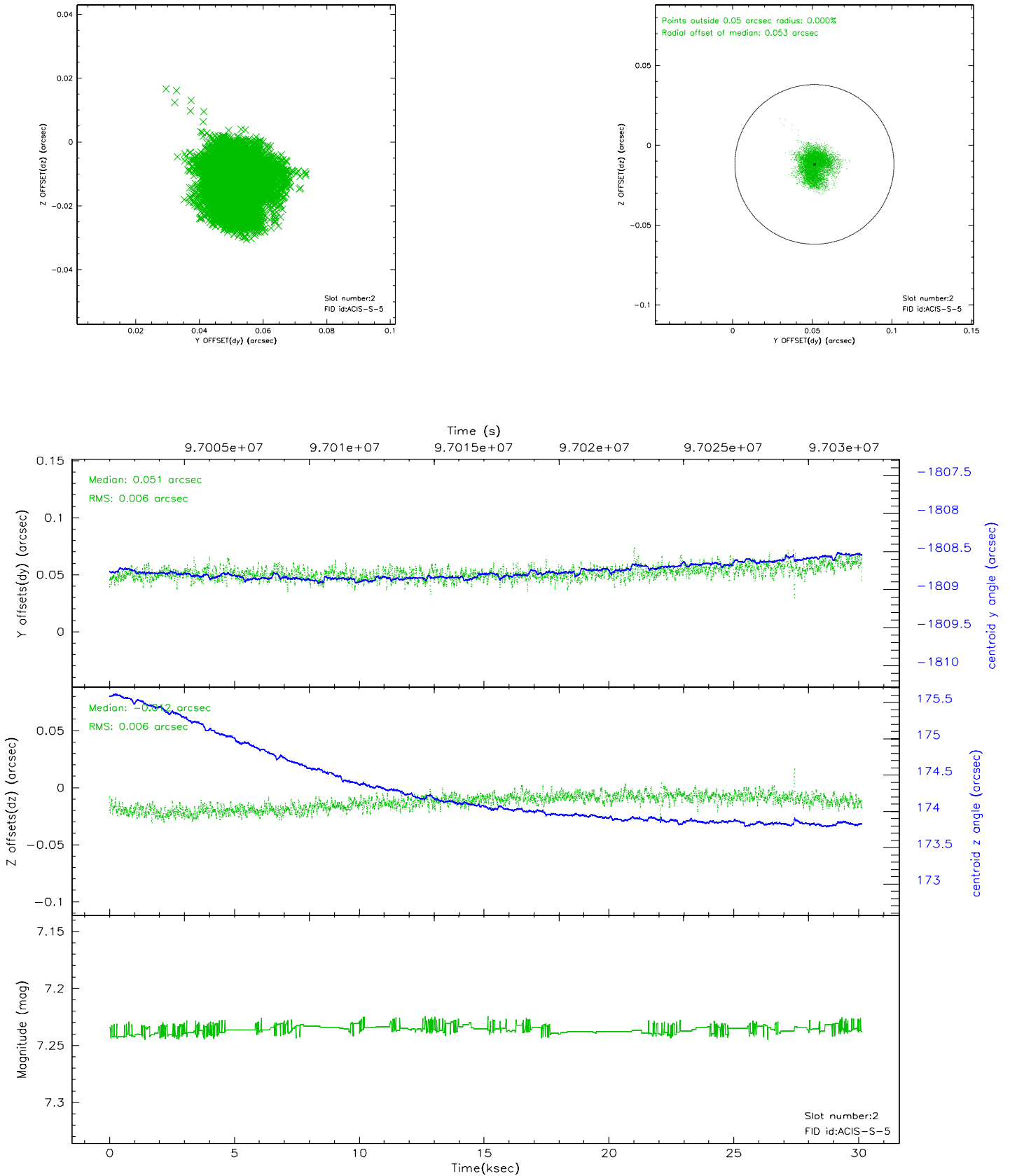
2.5.1 Slot 0



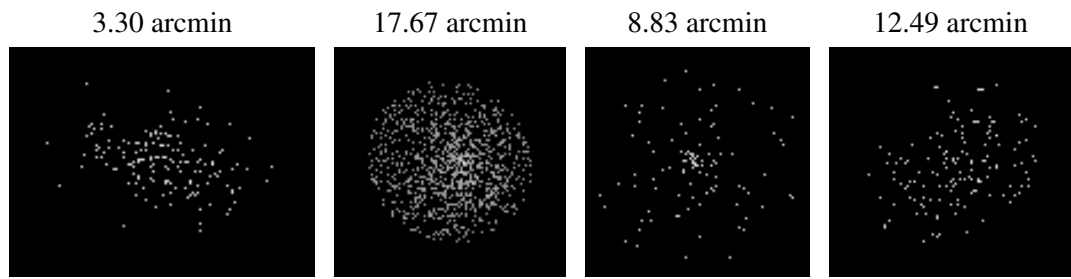
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.11.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.132

A.2 Comments