

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 903 - L2 Version 001
Chandra X-Ray Center

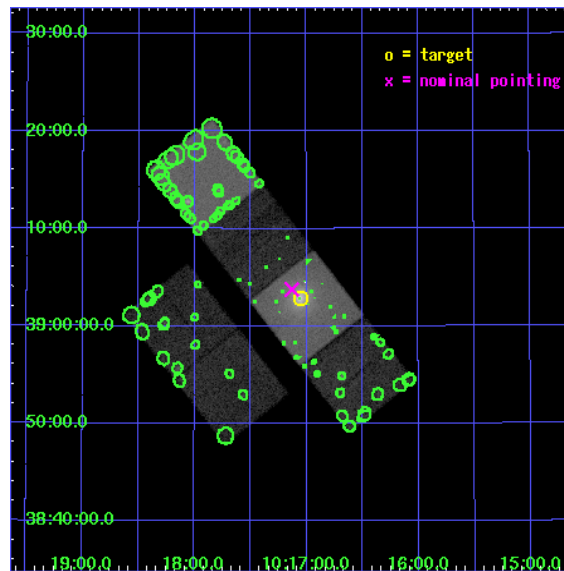
L2 Processing Date : Jun 12 2007

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1 Front

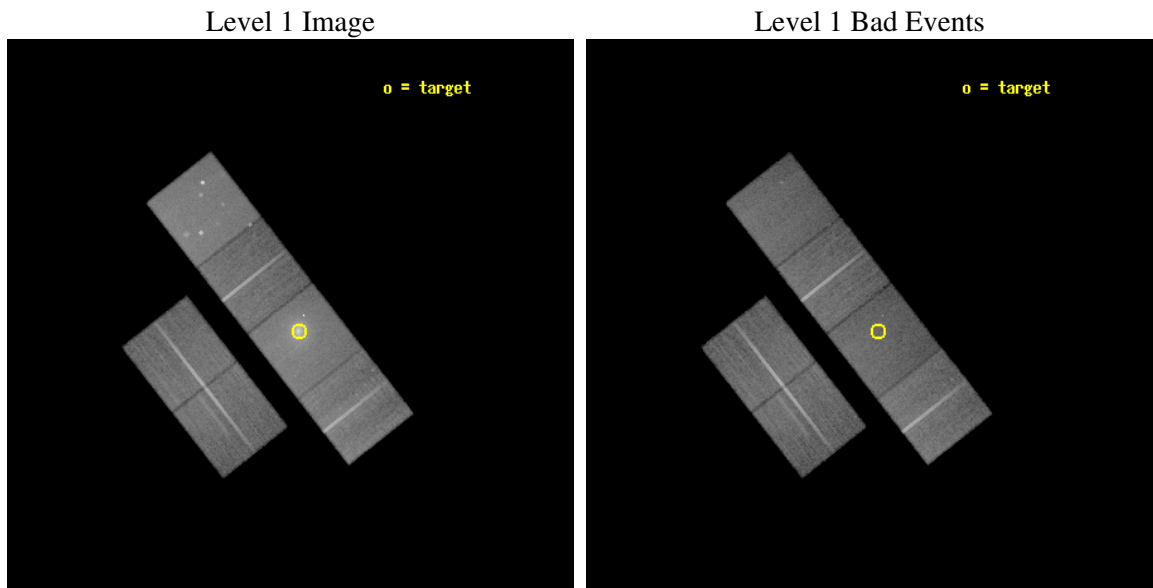
seq_num	800079
obs_id	903
title	CLUSTER GRAVITATIONAL LENSES AND THE IMPACT OF COOLING FLOWS.
observer	Prof Steven Allen
object	ABELL 963
dtcycle	0
cycle	P
ra_targ	154.264167
dec_targ	39.0475
ra_nom	154.28259579025
dec_nom	39.062812625442
roll_nom	51.895374399279
revision	2
ontime	36755.200034231
livetime	36289.783560073
ontime2	36748.718043998
ontime3	36755.200034231
ontime5	36755.200034231
ontime6	36755.200034231
ontime7	36755.200034231
ontime8	36751.959103897
l2events	405709



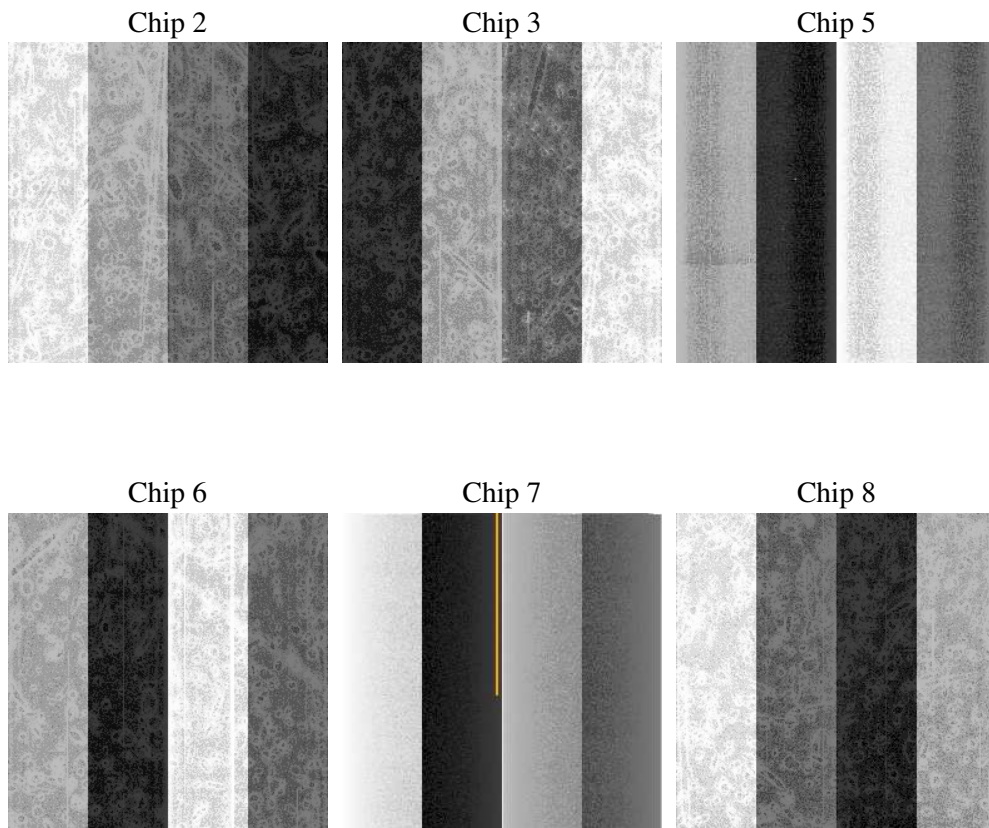
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.4.0
date	2007-06-12T07:38:37
revision	2

sched_exp_time	37000.000000
ontime	36755.200034231
ontime2	36748.718043998
ontime3	36755.200034231
ontime5	36755.200034231
ontime6	36755.200034231
ontime7	36755.200034231
ontime8	36751.959103897
l1events	1655277

2.1.4 Events

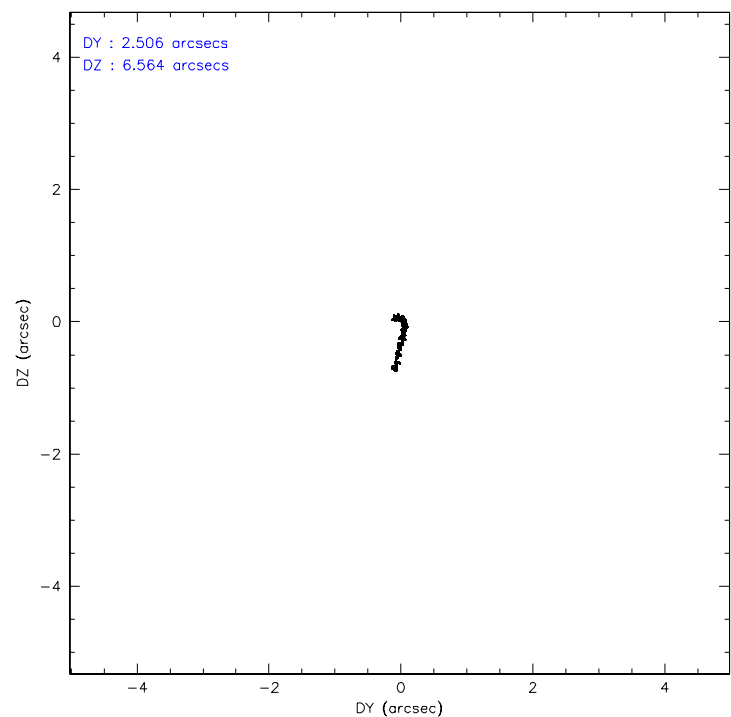
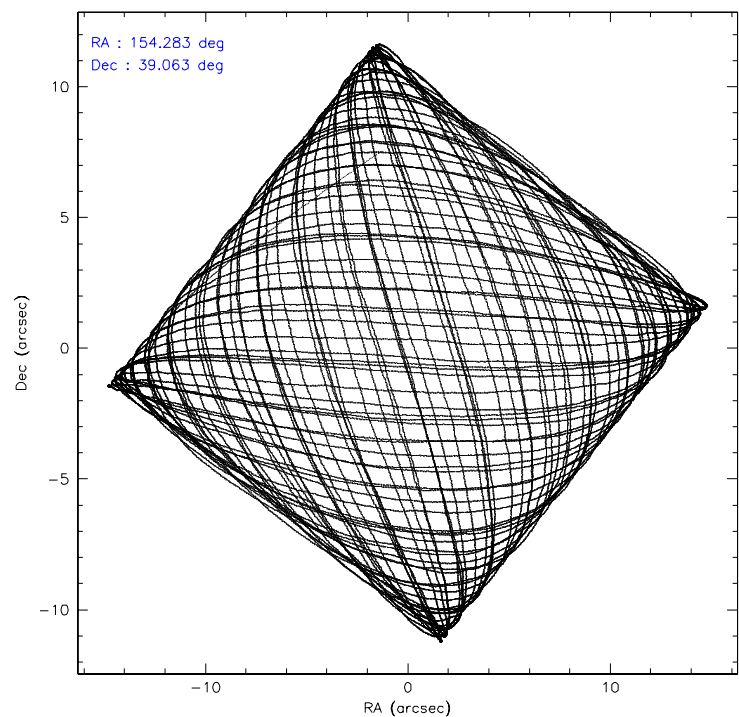
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	239411	228885	317100	233674	344544	291663
rejected events	213592	204340	169777	207012	164944	234194
rejected %	89%	89%	53%	88%	47%	80%

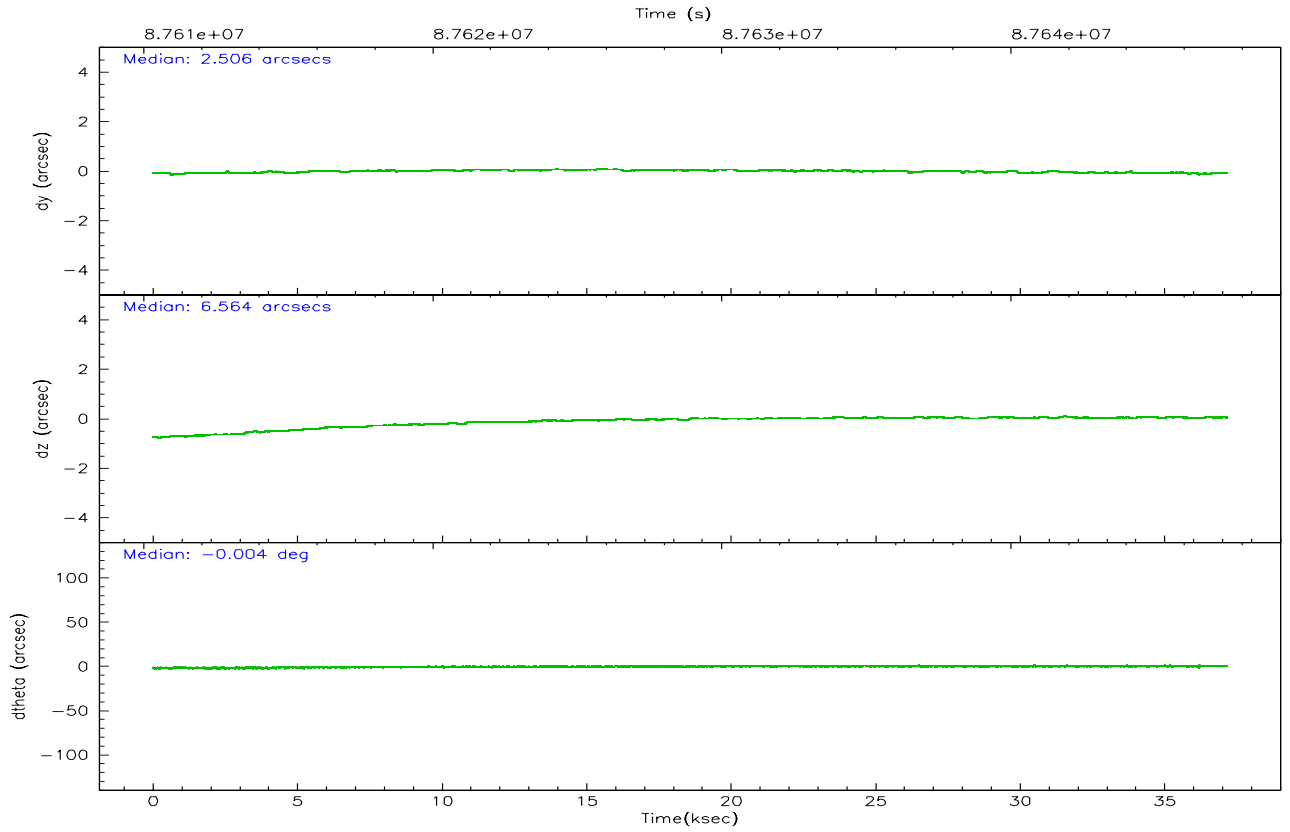
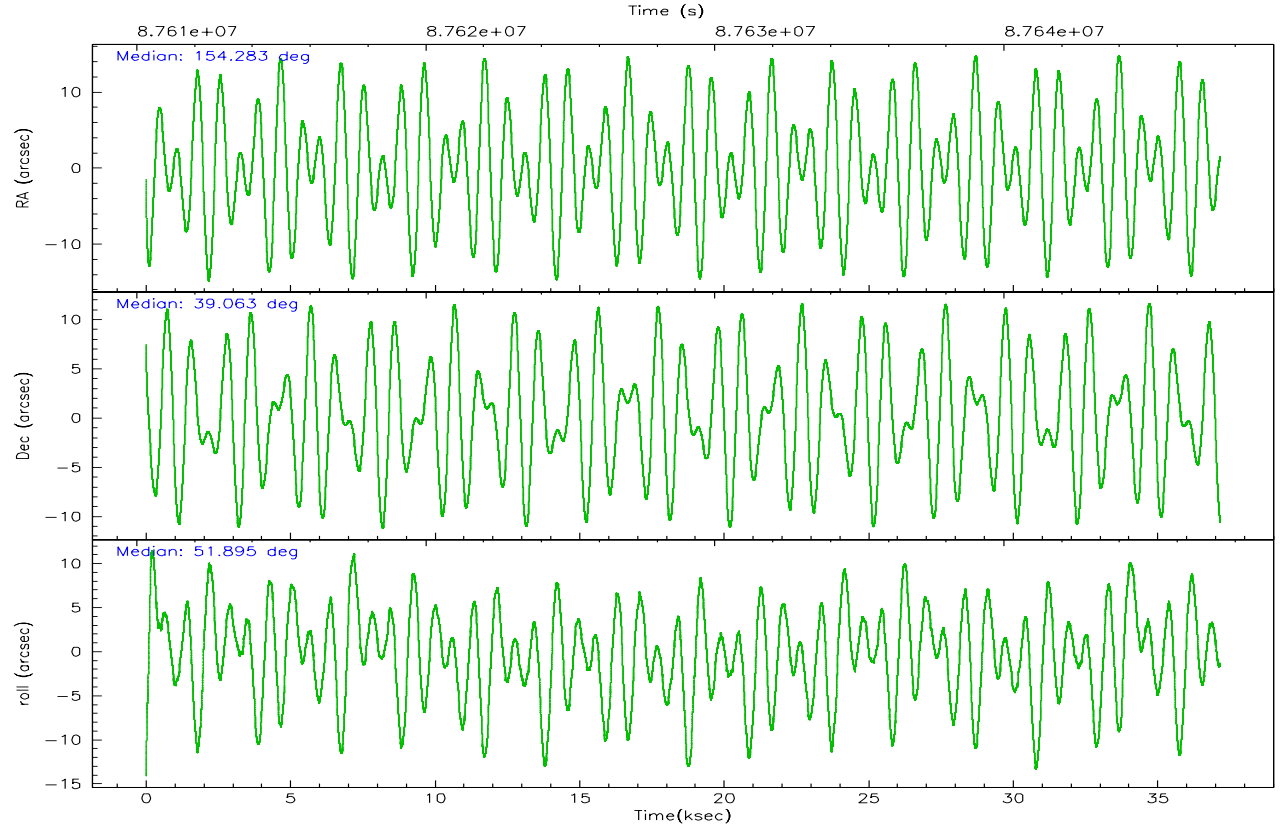
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	11210	10524	18859	11295	32902	19336
	4%	4%	5%	4%	9%	6%
grade 1 events	126	100	658	128	304	145
	0%	0%	0%	0%	0%	0%
grade 2 events	5268	4796	41549	5232	38643	12000
	2%	2%	13%	2%	11%	4%
grade 3 events	2434	2506	6468	2573	17567	6001
	1%	1%	2%	1%	5%	2%
grade 4 events	2418	2386	6119	2622	17382	5685
	1%	1%	1%	1%	5%	1%
grade 5 events	7669	8244	23959	9150	27260	11590
	3%	3%	7%	3%	7%	3%
grade 6 events	4490	4333	74339	4941	73123	14448
	1%	1%	23%	2%	21%	4%
grade 7 events	205796	195996	145149	197733	137363	222458
	85%	85%	45%	84%	39%	76%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	154.277881	154.282595790246	Subarray requested	NONE	NONE
Pointing Dec	39.035701	39.06281262544167	Alternating exposures requested	N	N
Pointing Roll	51.741717	51.89537439927853	Primary exposure time	3.200000	3.2
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	87610478.184000	87609678.869188			
Observation start date	2000-10-11T00:13:34	2000-10-11T00:01:18			
Observation end time	87647478.184000	87647837.570628			
Observation end date	2000-10-11T10:30:14	2000-10-11T10:37:17			
Read mode	TIMED	TIMED			

2.3 Aspect



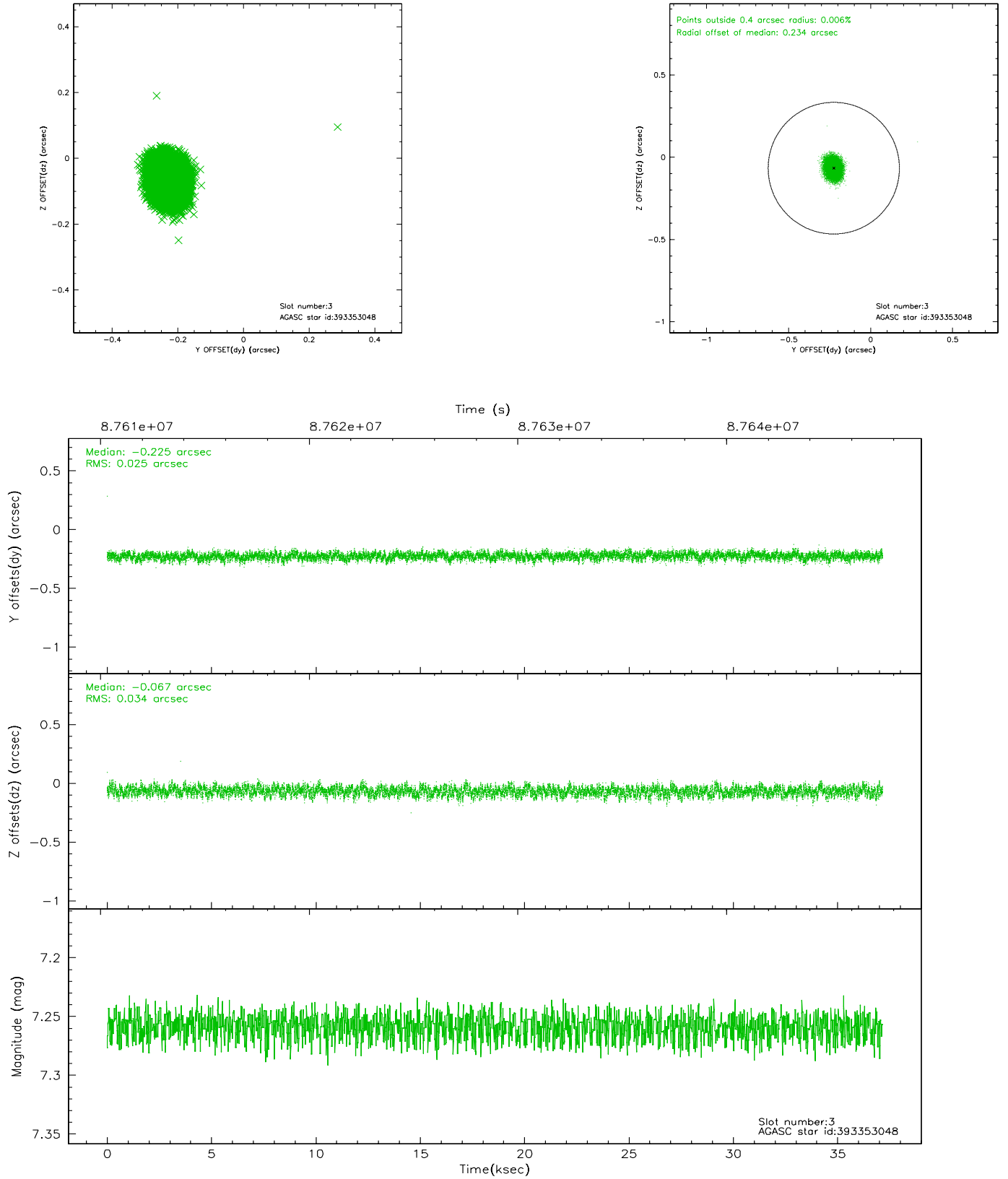


Slot Statistics

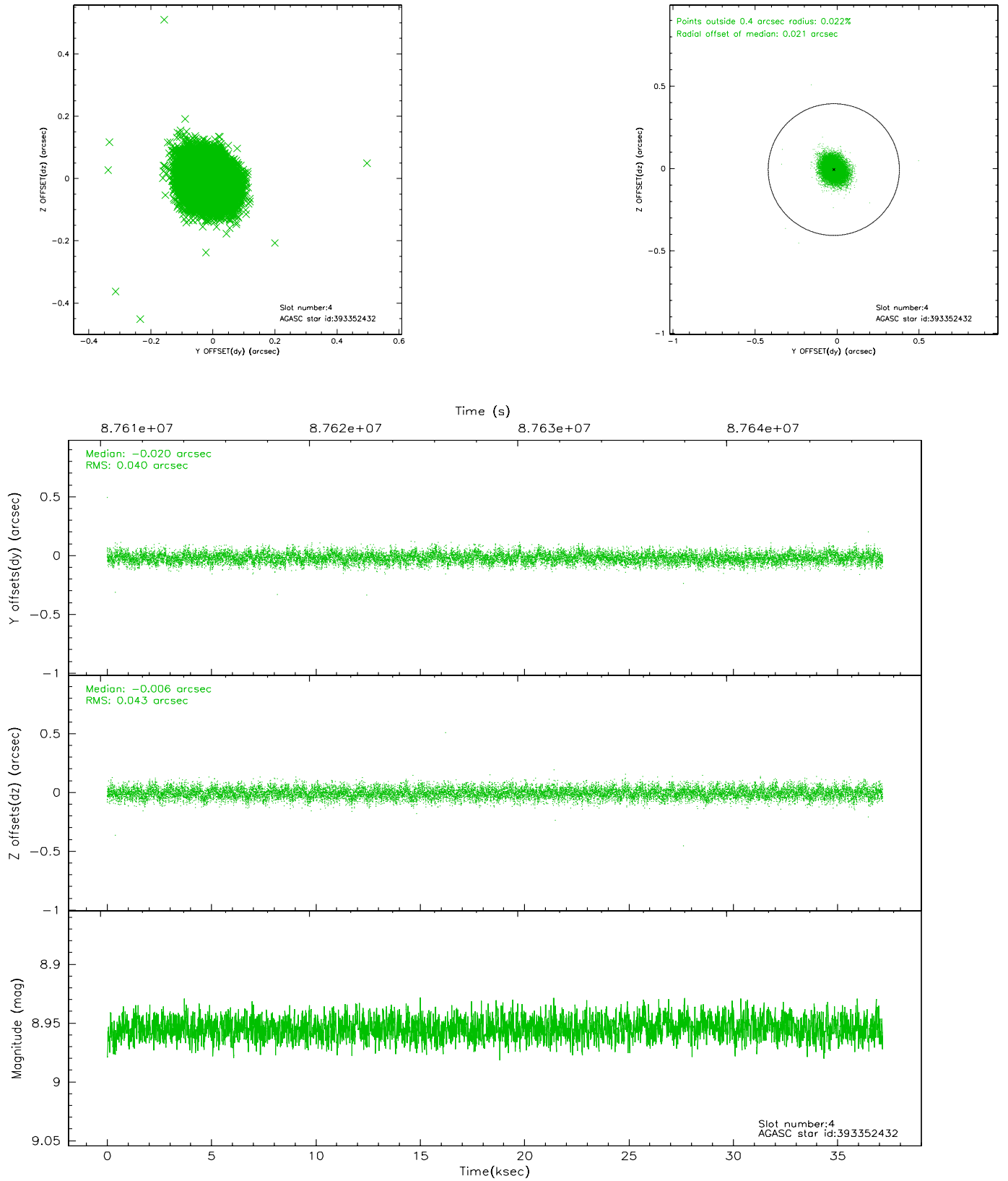
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	9063	-0.019	0.022	0.009	0.014	0.000000	0.000000	-755.13	-1727.53
1	FID	ACIS-S-4	7.20	9064	-0.056	0.004	0.010	0.015	0.000000	0.000000	2158.08	180.93
2	FID	ACIS-S-5	7.23	9064	0.044	-0.017	0.006	0.011	0.000000	0.000000	-1807.89	174.58
3	GUIDE	393353048	7.26	18125	-0.225	-0.067	0.044	0.072	154.693543	39.311519	1498.91	-292.38
4	GUIDE	393352432	8.95	18123	-0.020	-0.006	0.062	0.100	154.550258	38.814649	-150.37	-1091.69
5	GUIDE	393354032	9.04	18124	0.113	0.063	0.065	0.107	154.259481	38.515802	-1501.21	-1118.03
6	GUIDE	393352408	8.84	18117	0.062	0.243	0.057	0.092	154.638748	39.110529	837.63	-622.89
7	GUIDE	393349328	9.62	18114	0.069	-0.231	0.092	0.151	154.266762	39.147048	296.11	272.64

2.4 Star Slots

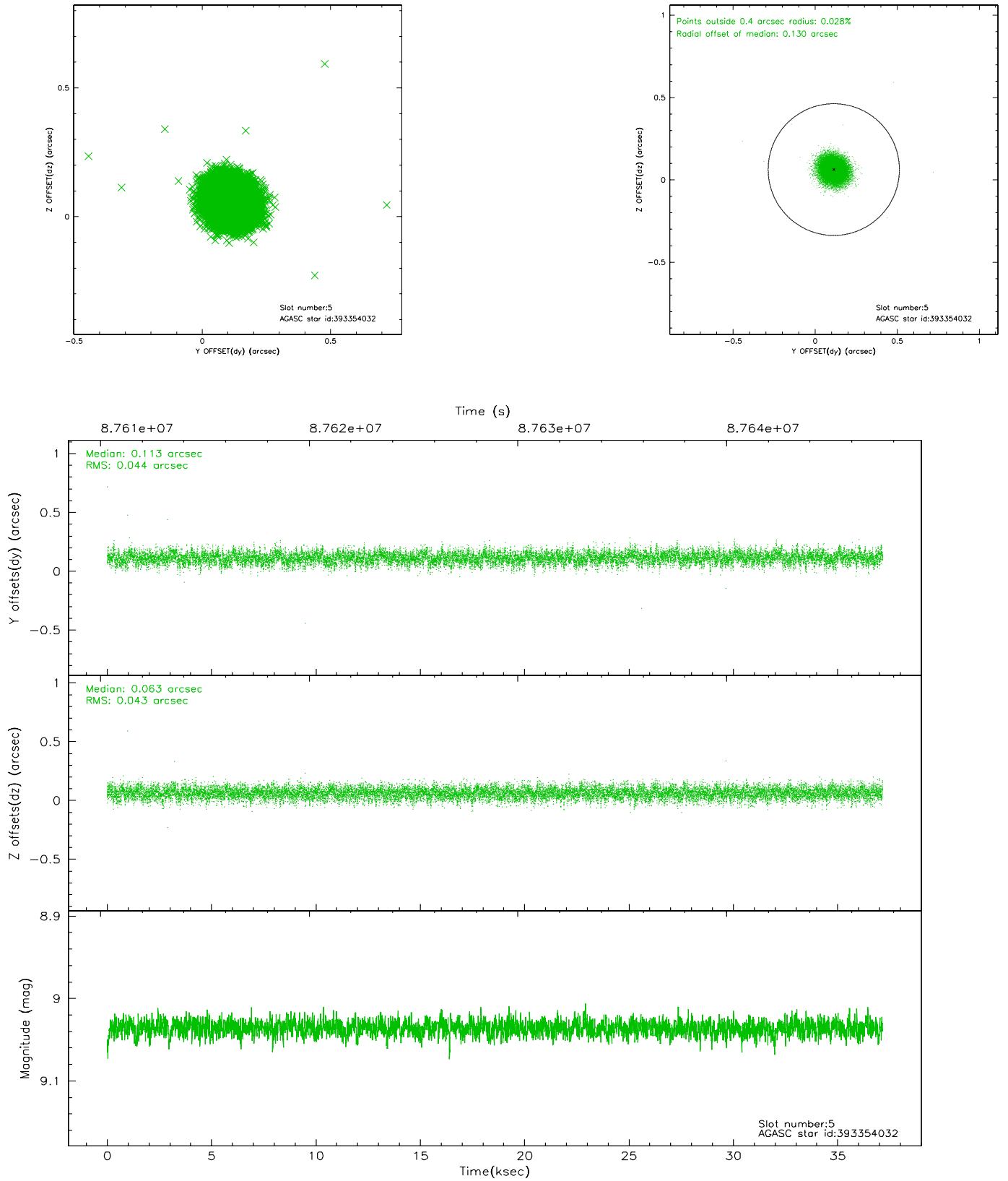
2.4.1 Slot 3



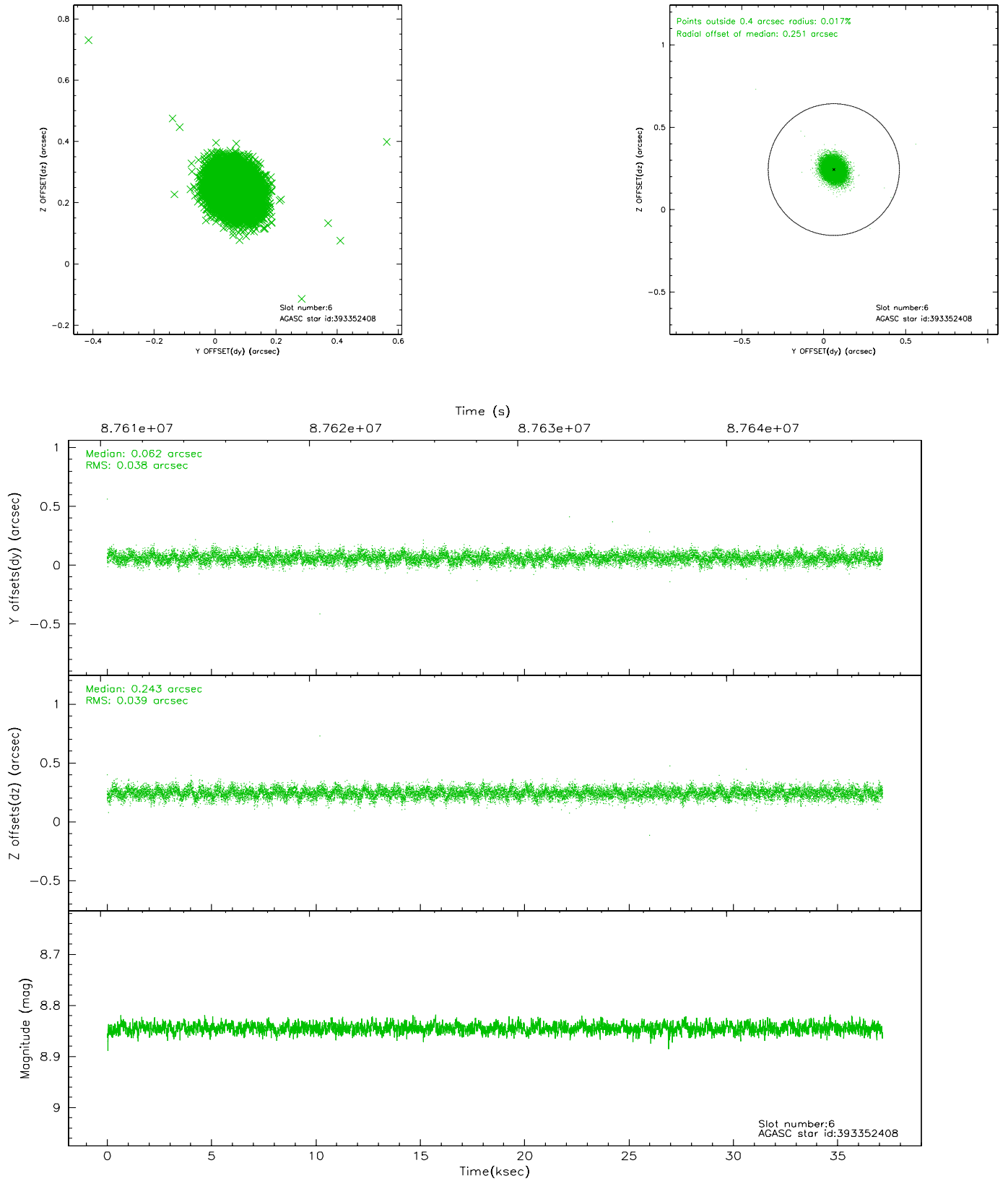
2.4.2 Slot 4



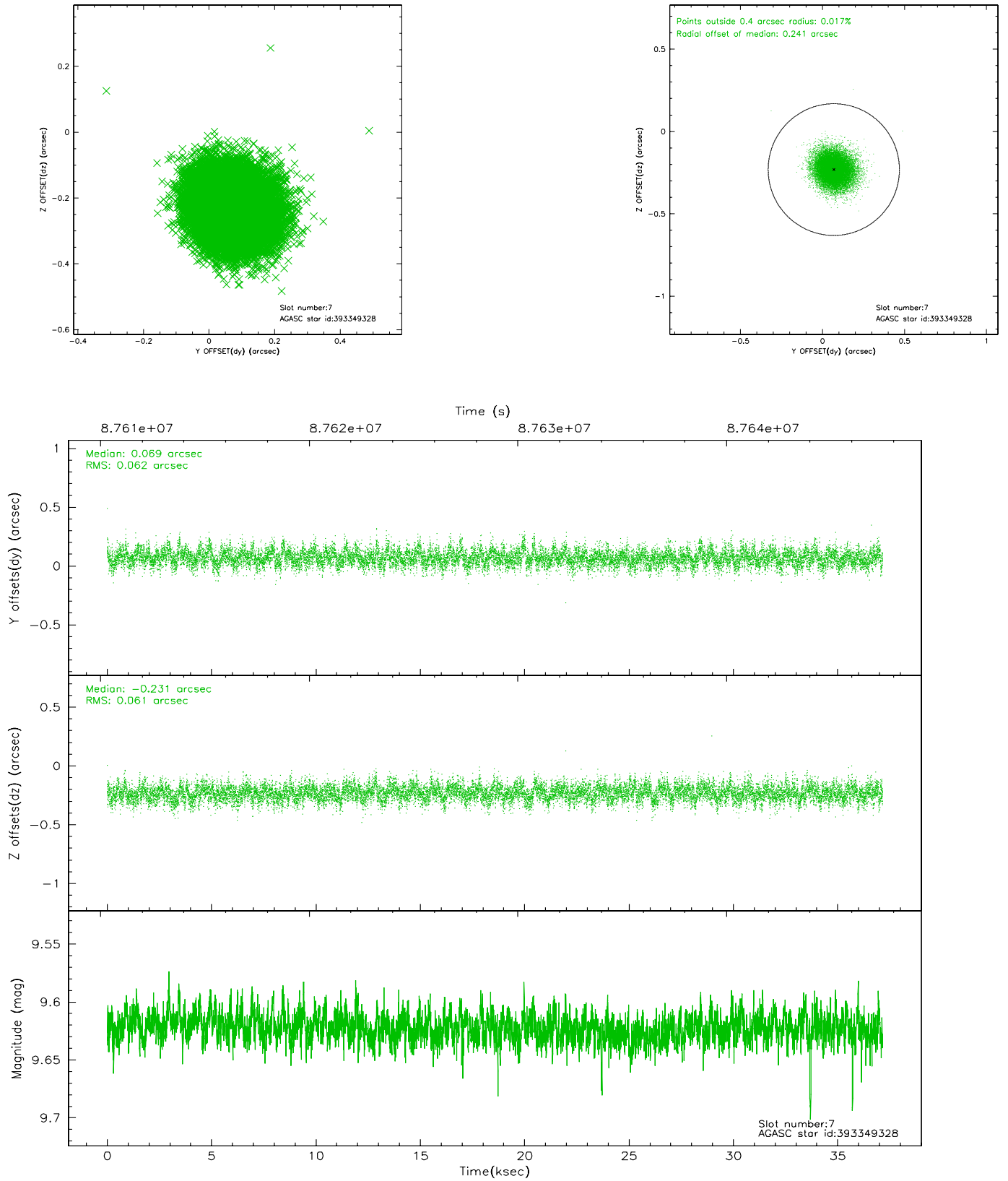
2.4.3 Slot 5



2.4.4 Slot 6

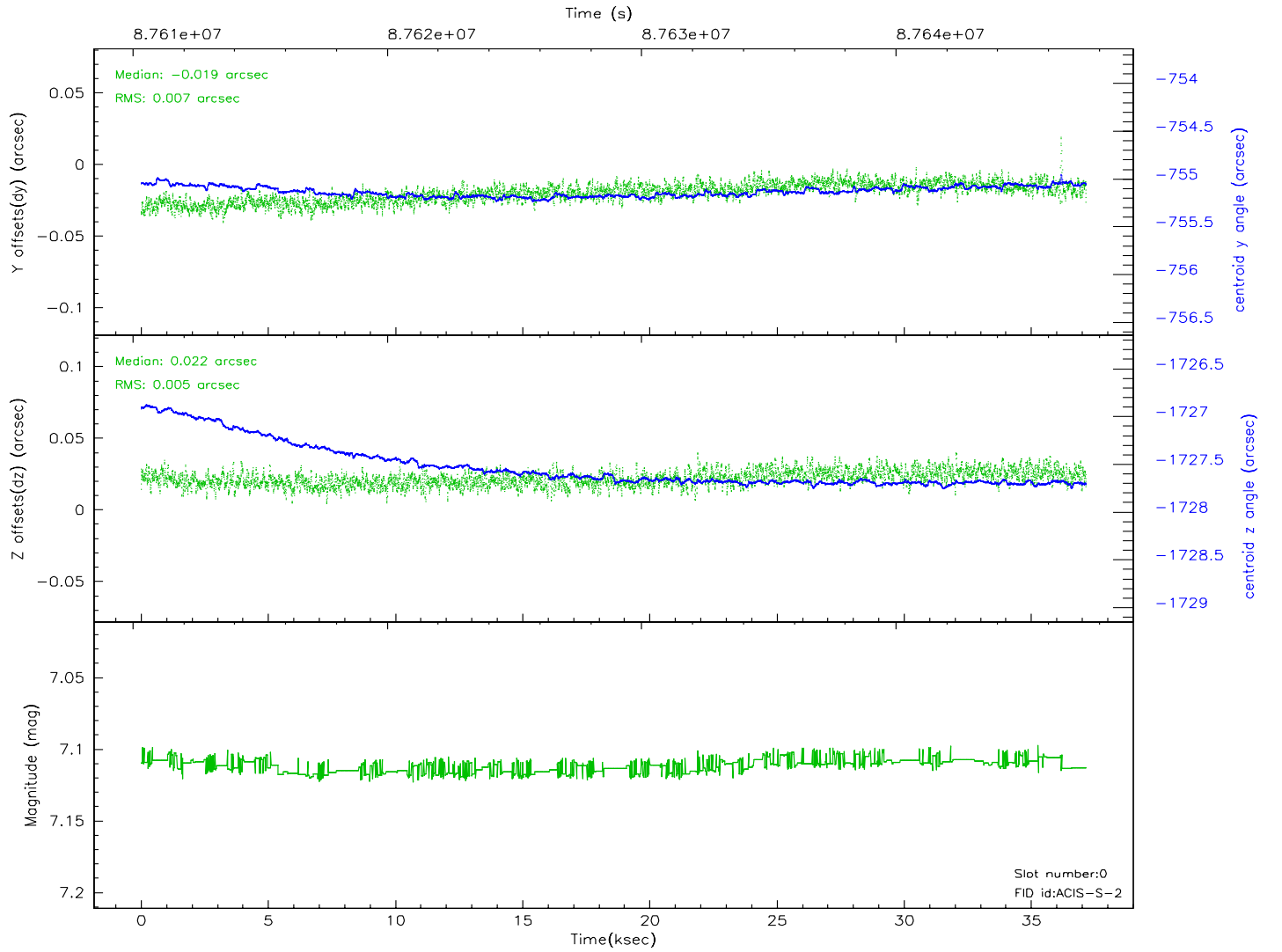
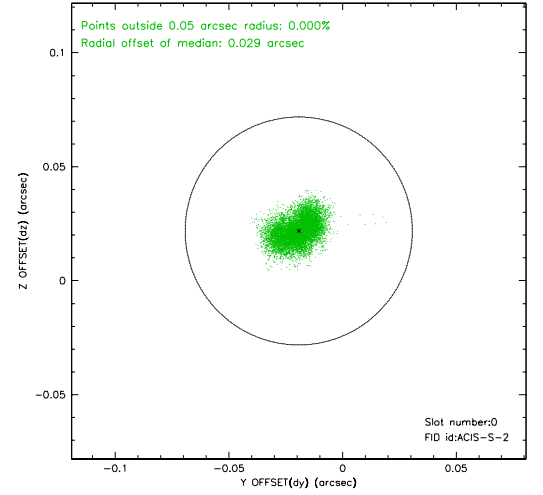
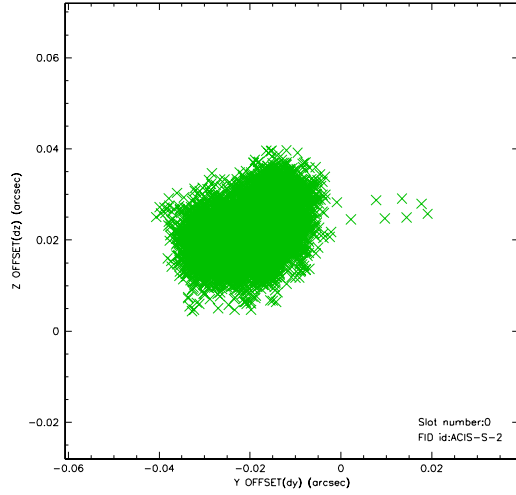


2.4.5 Slot 7

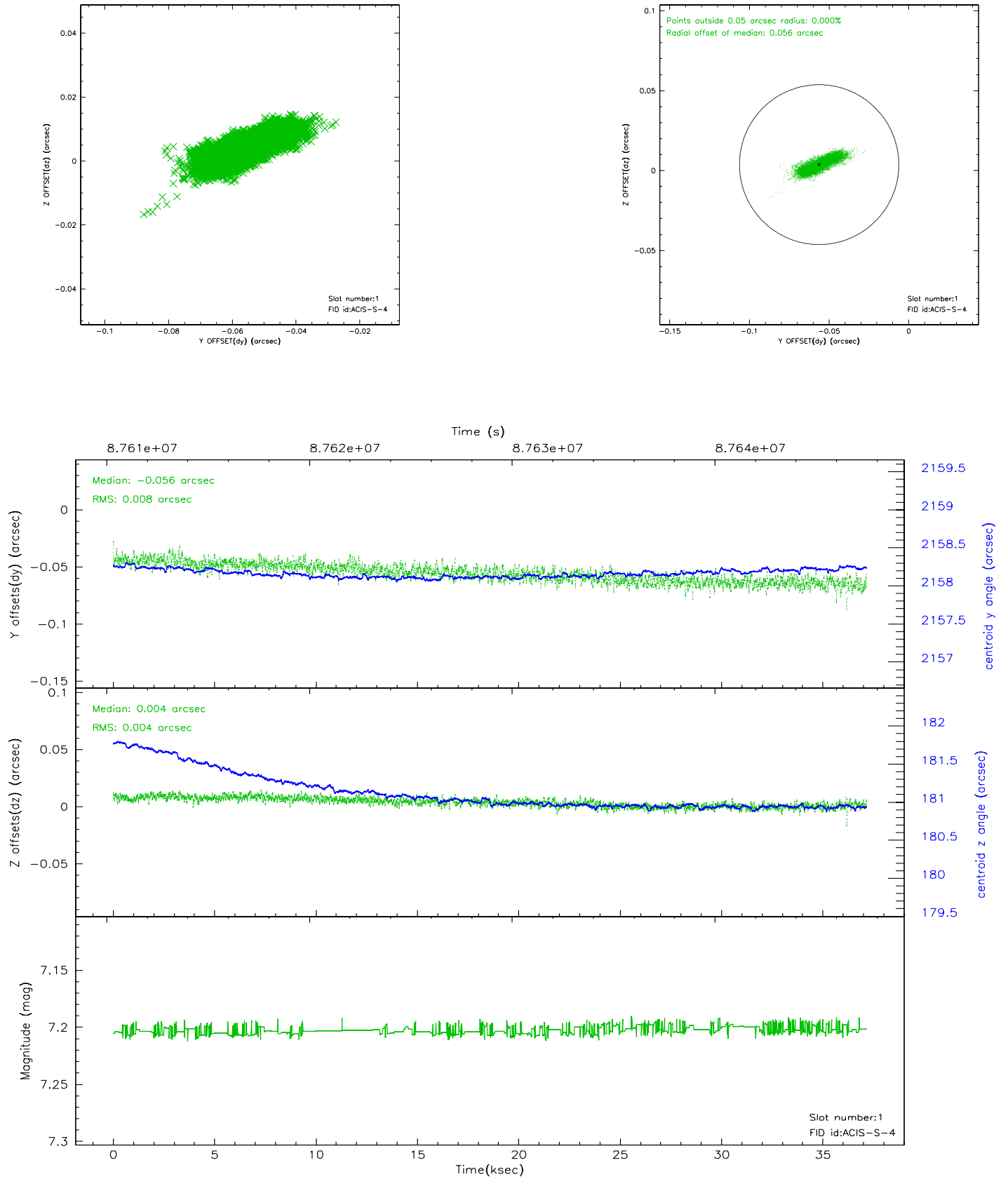


2.5 FID Slots

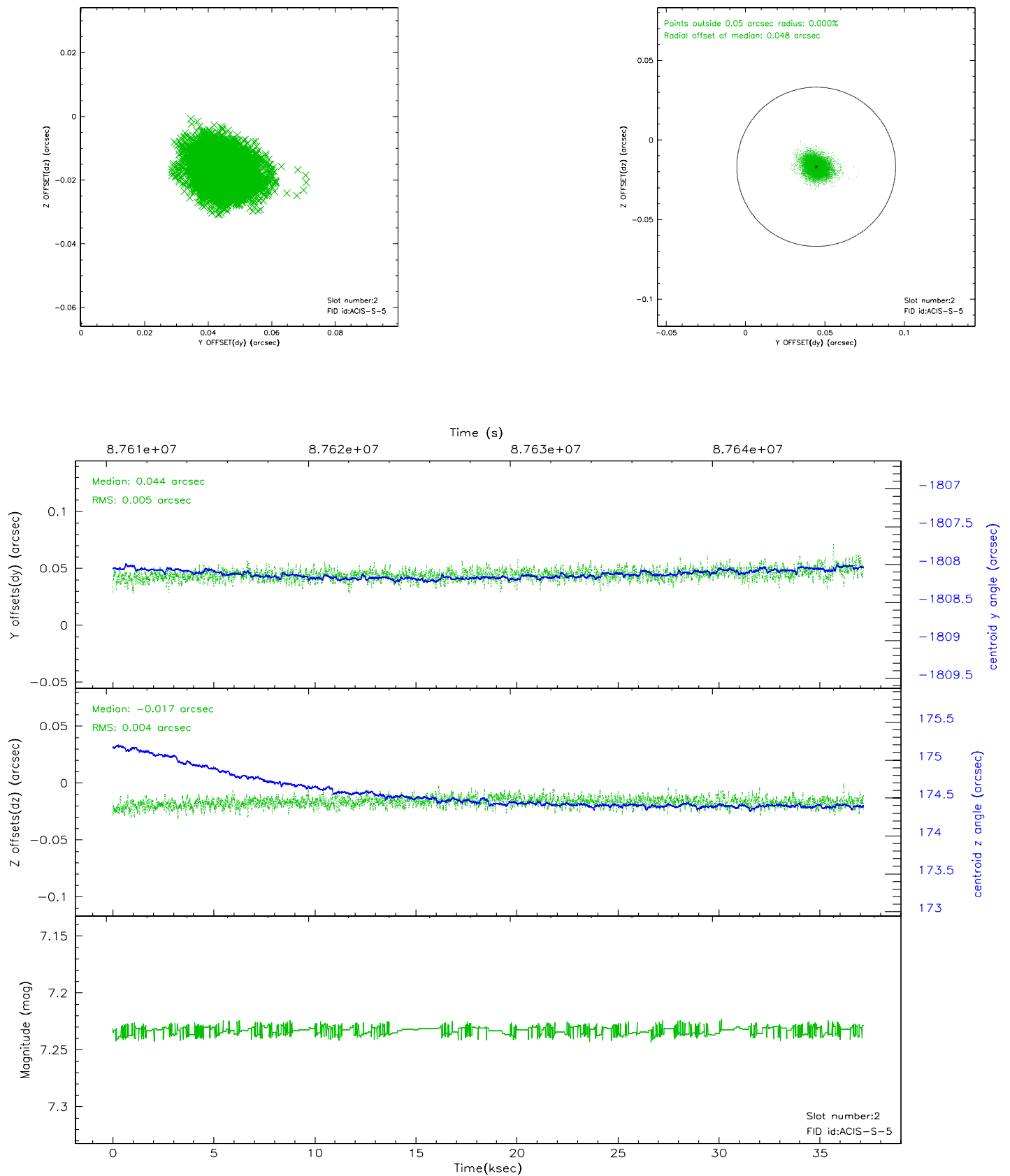
2.5.1 Slot 0



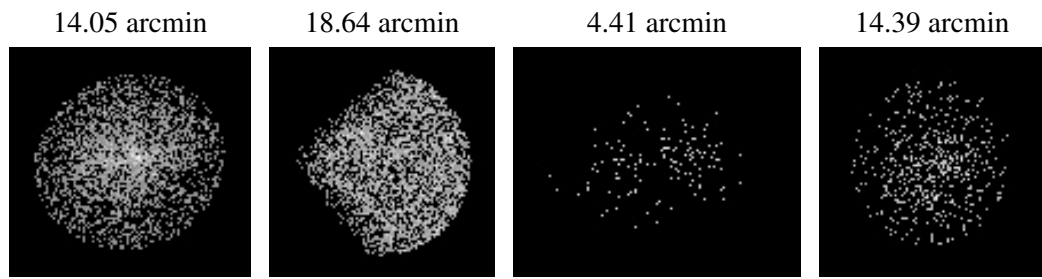
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	36.755

A.2 Comments