

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1864 - L2 Version 002
Chandra X-Ray Center

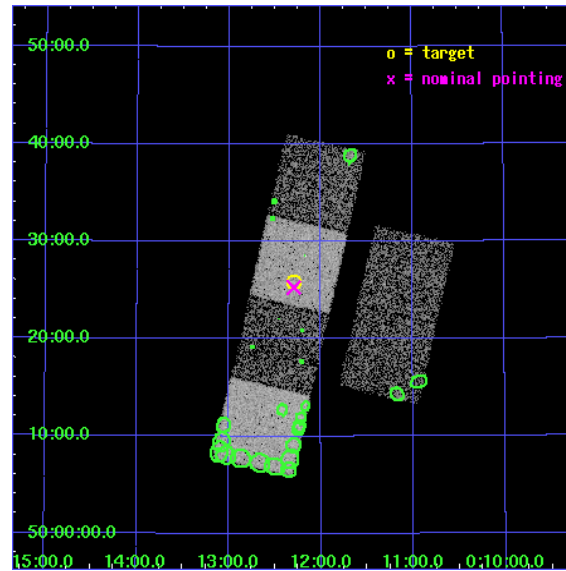
L2 Processing Date : Jun 21 2007

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1 Front

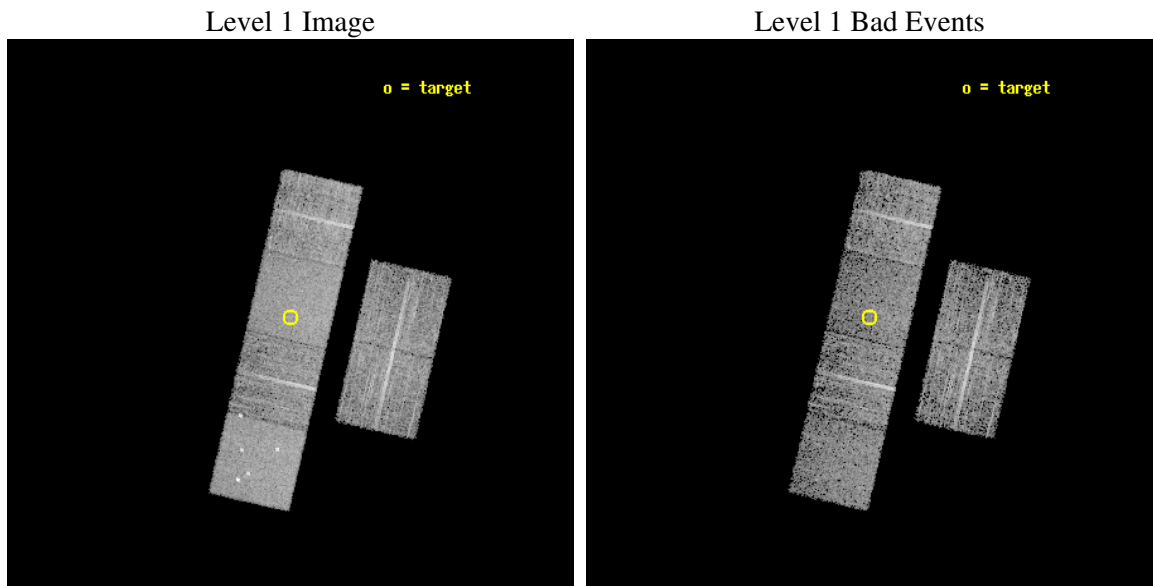
seq_num	200092
obs_id	1864
title	A SEARCH FOR CORONAL X-RAYS FROM WHITE DWARFS BY CHANDRA
observer	Dr. Zdzislaw Musielak
object	LHS 1038
dtcycle	0
cycle	P
ra_targ	3.072917
dec_targ	50.431361
ra_nom	3.0735386673874
dec_nom	50.421554363696
roll_nom	282.95376880575
revision	3
ontime	5952.0000055432
livetime	5876.6321976089
ontime2	5952.0000055432
ontime3	5952.0000055432
ontime5	5952.0000055432
ontime6	5952.0000055432
ontime7	5952.0000055432
ontime8	5952.0000055432
l2events	53562



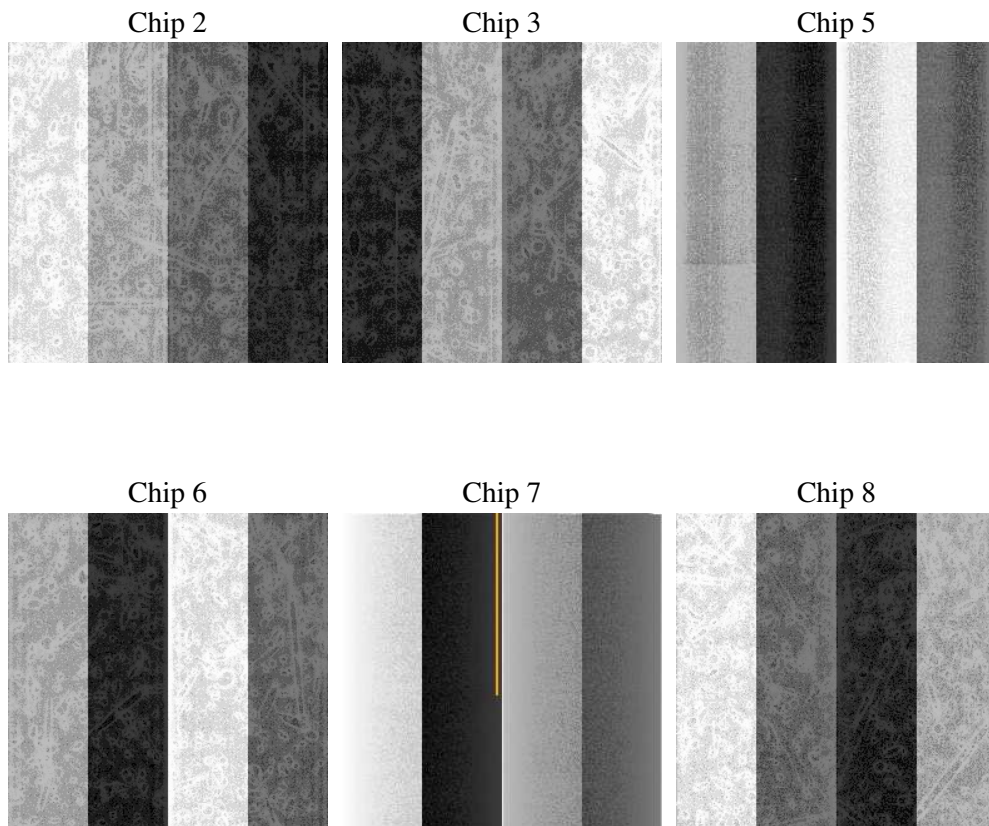
2 OBI

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	2007-06-21T15:33:27
revision	3

sched_exp_time	6000.000000
ontime	5952.0000055432
ontime2	5952.0000055432
ontime3	5952.0000055432
ontime5	5952.0000055432
ontime6	5952.0000055432
ontime7	5952.0000055432
ontime8	5952.0000055432
l1events	249764

2.1.4 Events

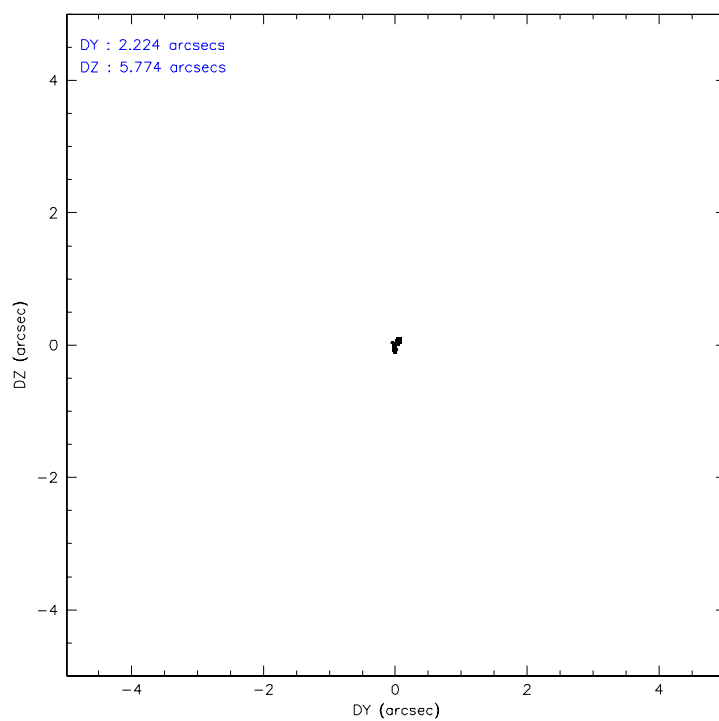
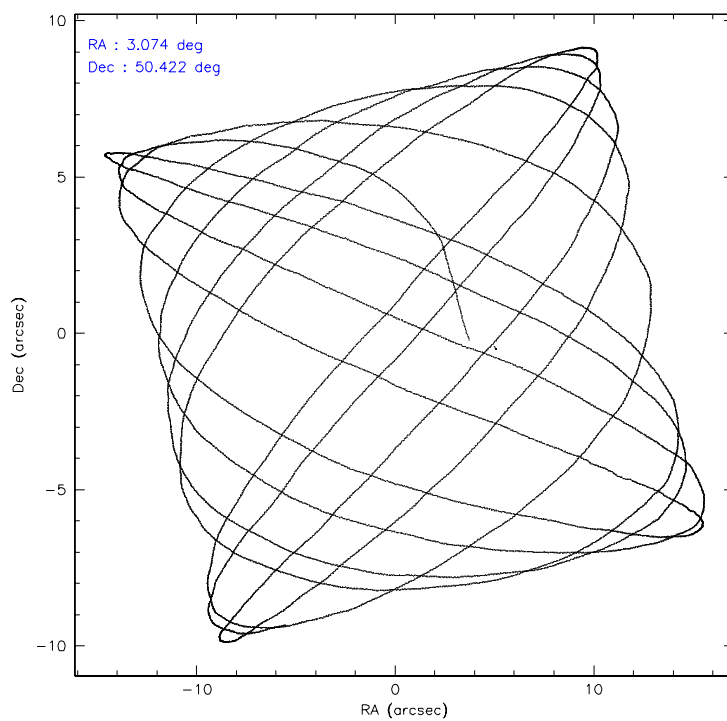
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	37525	35385	50354	36272	45327	44901
rejected events	33552	31502	26615	32235	26549	35999
rejected %	89%	89%	52%	88%	58%	80%

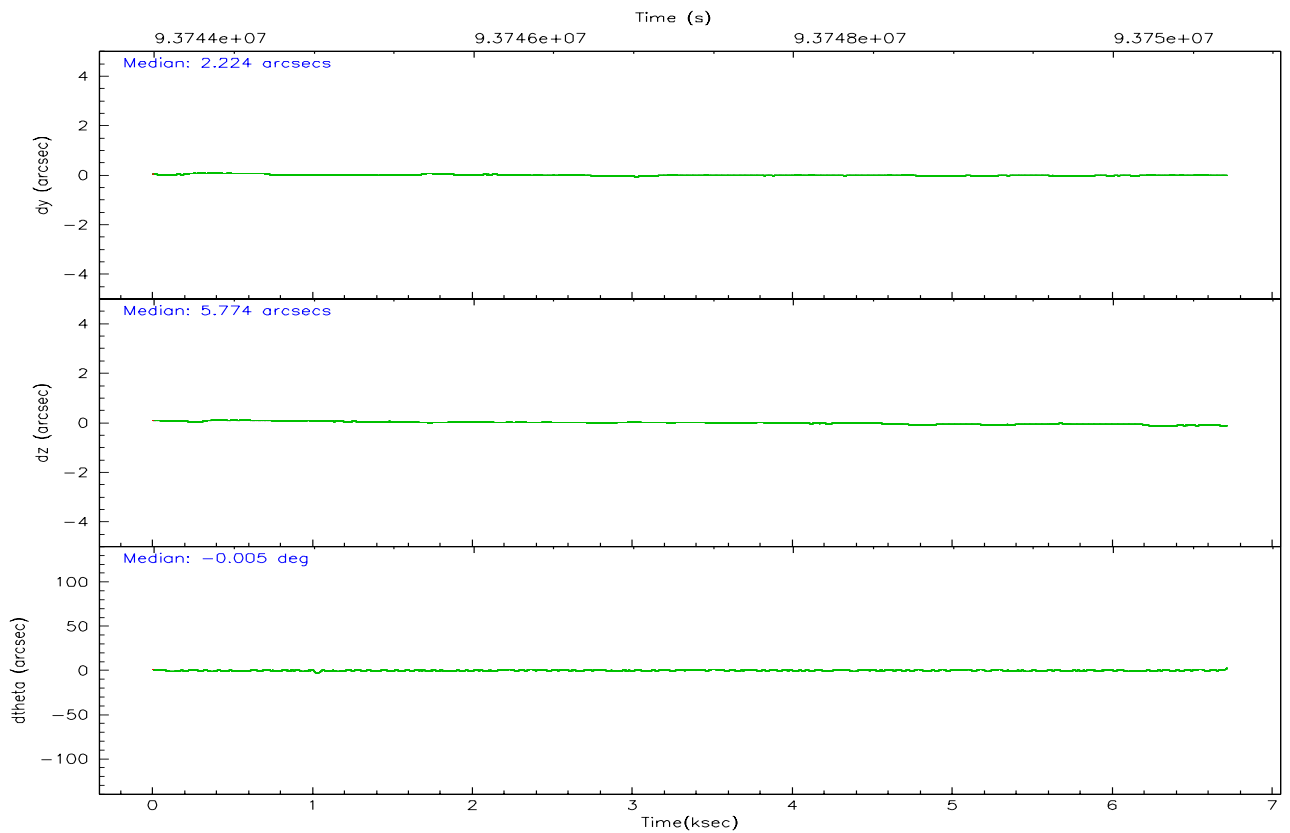
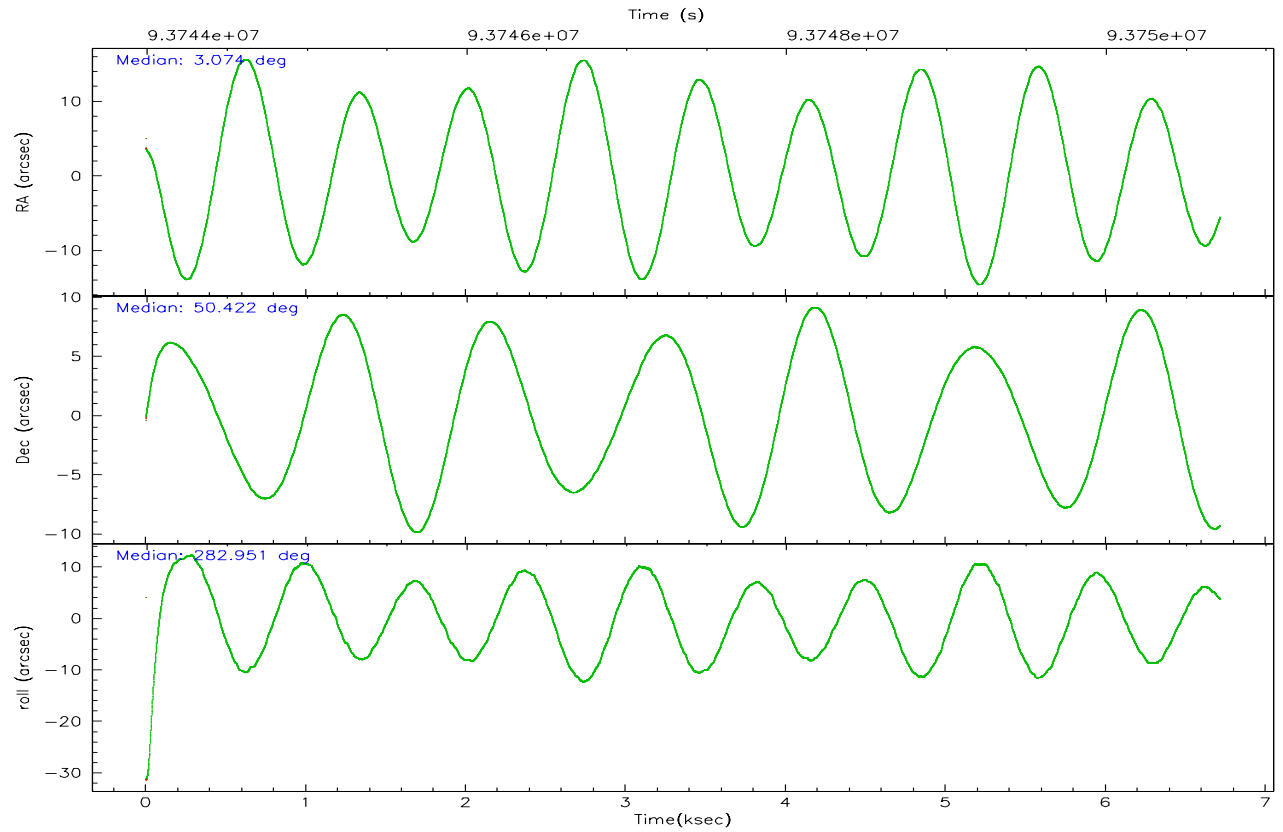
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1680	1663	3257	1657	1840	2943
	4%	4%	6%	4%	4%	6%
grade 1 events	28	12	53	23	34	19
	0%	0%	0%	0%	0%	0%
grade 2 events	883	748	6804	838	3620	1902
	2%	2%	13%	2%	7%	4%
grade 3 events	356	416	1071	386	1712	894
	0%	1%	2%	1%	3%	1%
grade 4 events	345	357	958	383	1719	854
	0%	1%	1%	1%	3%	1%
grade 5 events	1237	1337	3759	1435	4273	1837
	3%	3%	7%	3%	9%	4%
grade 6 events	712	701	11668	775	9897	2316
	1%	1%	23%	2%	21%	5%
grade 7 events	32284	30151	22784	30775	22232	34136
	86%	85%	45%	84%	49%	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	3.044118	3.073538667387426	Subarray requested	NONE	NONE
Pointing Dec	50.441368	50.42155436369609	Alternating exposures requested	N	N
Pointing Roll	282.819873	282.9537688057467	Primary exposure time	0.000000	3.2
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	93744712.184000	93743487.177368			
Observation start date	2000-12-21T00:10:48	2000-12-20T23:51:27			
Observation end time	93750712.184000	93751723.052683			
Observation end date	2000-12-21T01:50:48	2000-12-21T02:08:43			
Read mode	TIMED	TIMED			

2.3 Aspect



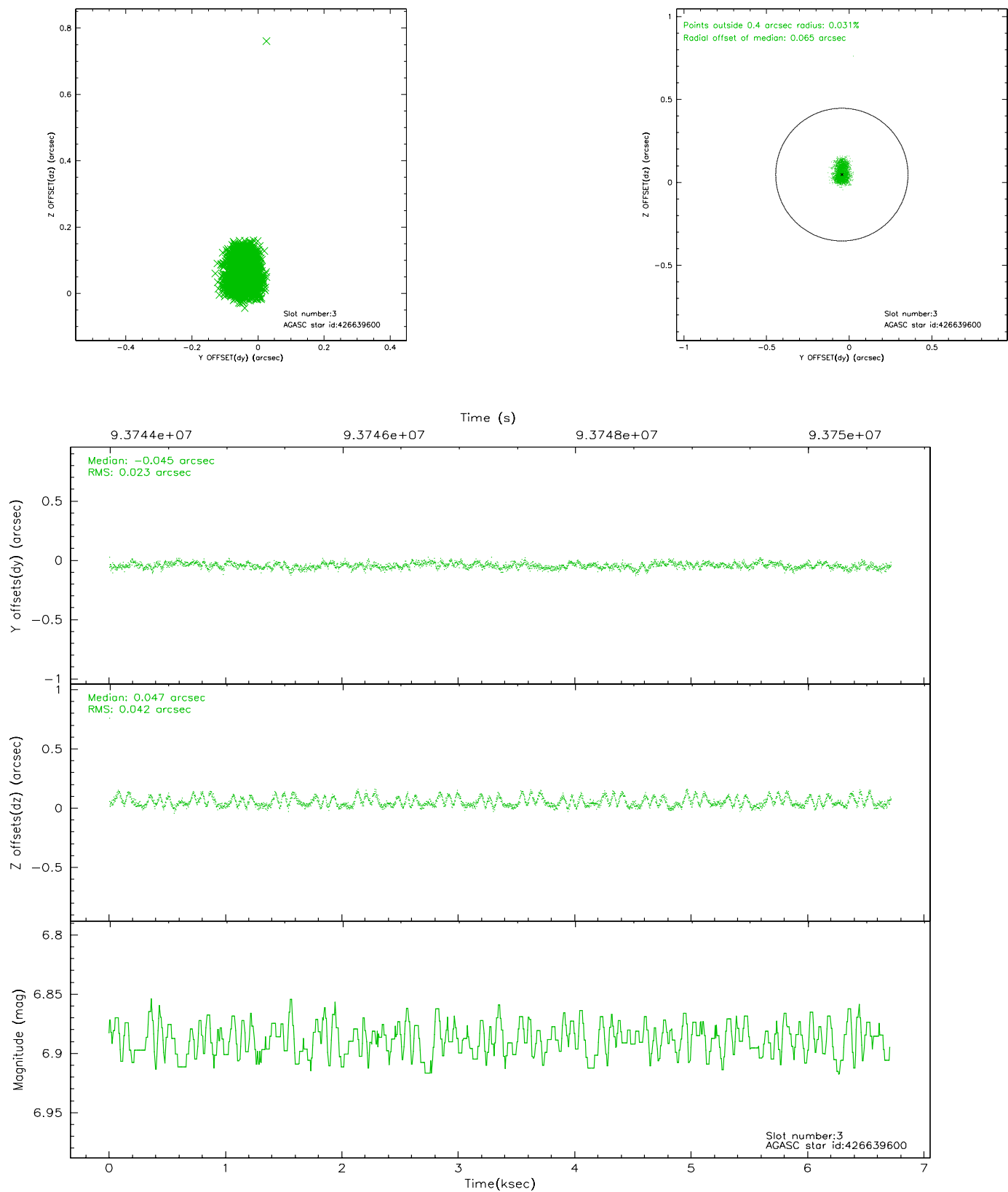


Slot Statistics

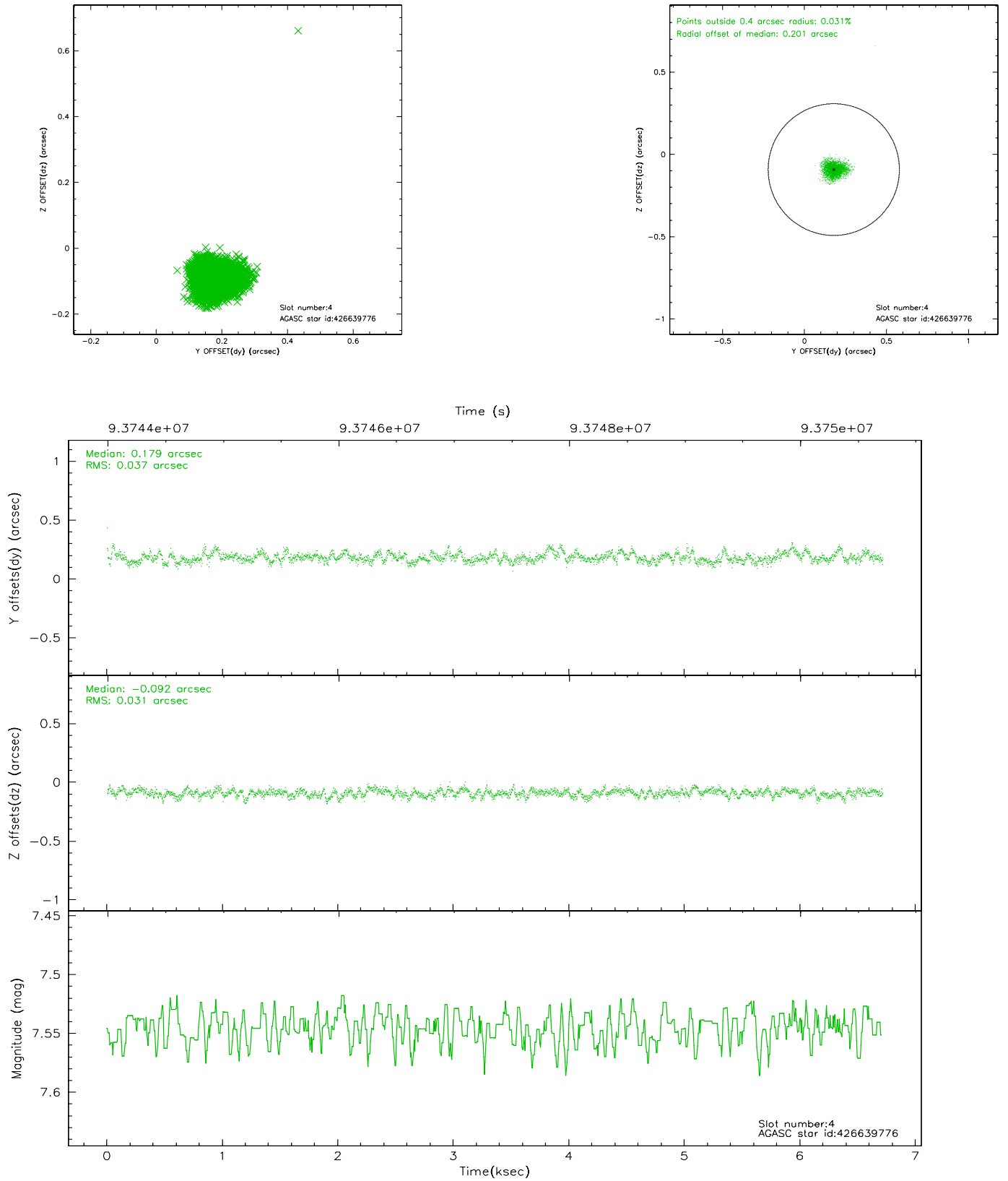
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1639	0.004	0.003	0.007	0.013	0.000000	0.000000	-754.82	-1726.91
1	FID	ACIS-S-4	7.21	1639	-0.026	-0.007	0.006	0.011	0.000000	0.000000	2158.01	180.71
2	FID	ACIS-S-6	7.35	1639	-0.006	0.012	0.008	0.012	0.000000	0.000000	408.24	819.09
3	GUIDE	426639600	6.89	3277	-0.045	0.047	0.049	0.082	3.890460	50.050300	1796.32	1597.31
4	GUIDE	426639776	7.55	3277	0.179	-0.092	0.049	0.082	3.257507	49.926524	1917.40	71.04
5	GUIDE	426524224	7.83	3259	-0.002	0.076	0.046	0.075	2.606943	49.872723	1769.19	-1443.03
6	GUIDE	427168664	8.23	3276	-0.042	-0.066	0.044	0.071	2.975333	50.752354	-1125.59	94.54
7	GUIDE	427040480	8.04	3276	-0.093	0.036	0.055	0.087	2.297284	50.829100	-1746.19	-1344.87

2.4 Star Slots

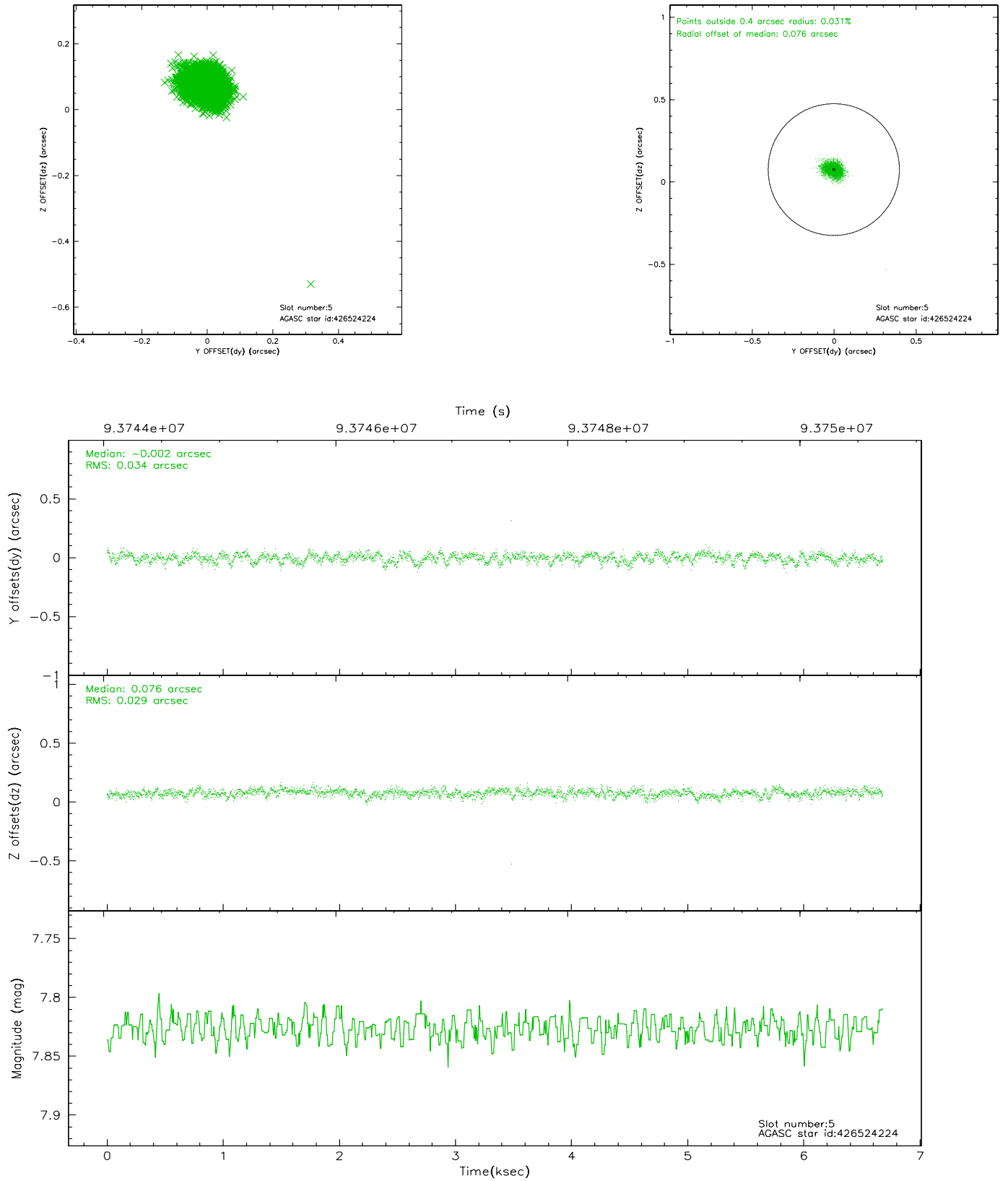
2.4.1 Slot 3



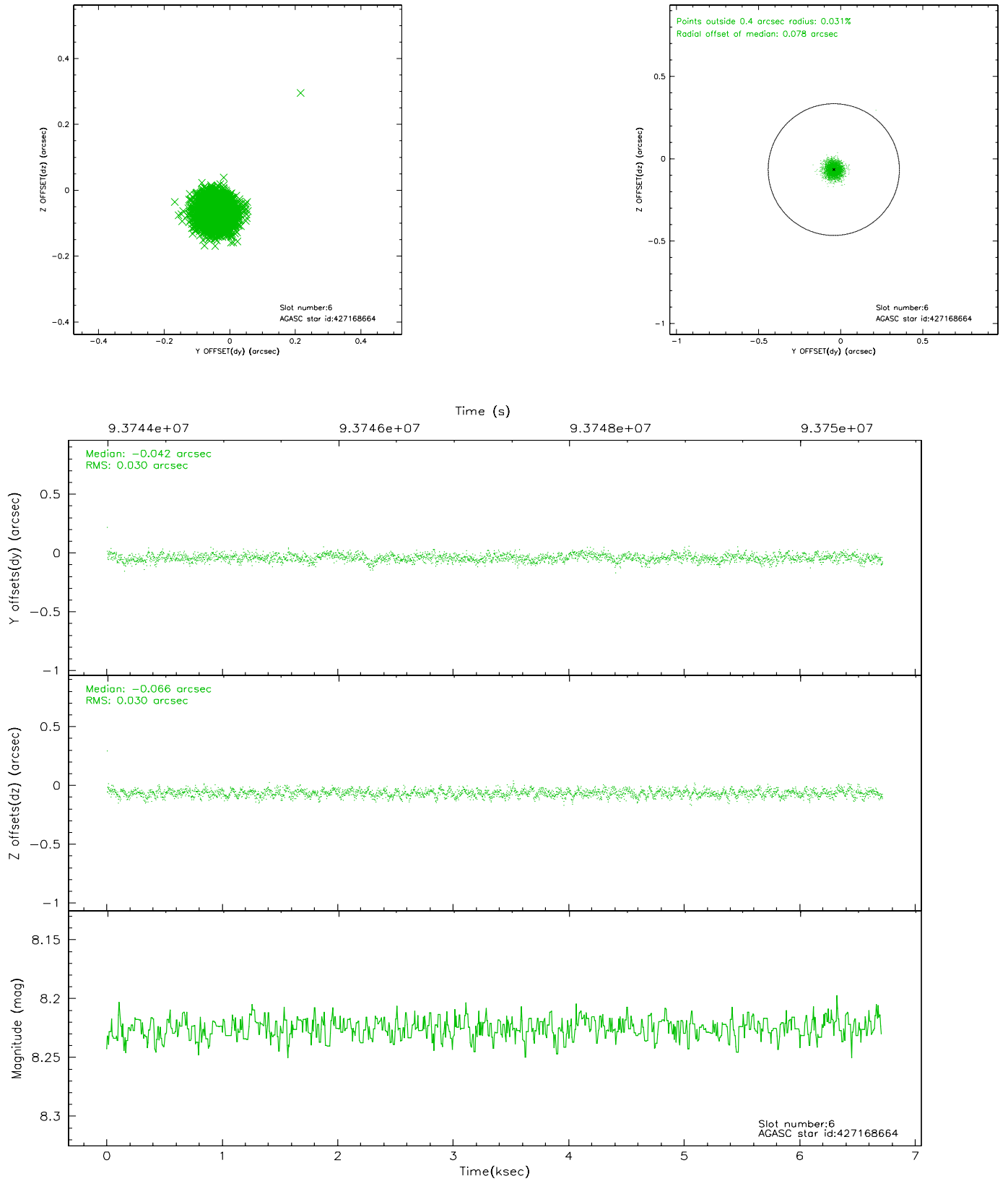
2.4.2 Slot 4



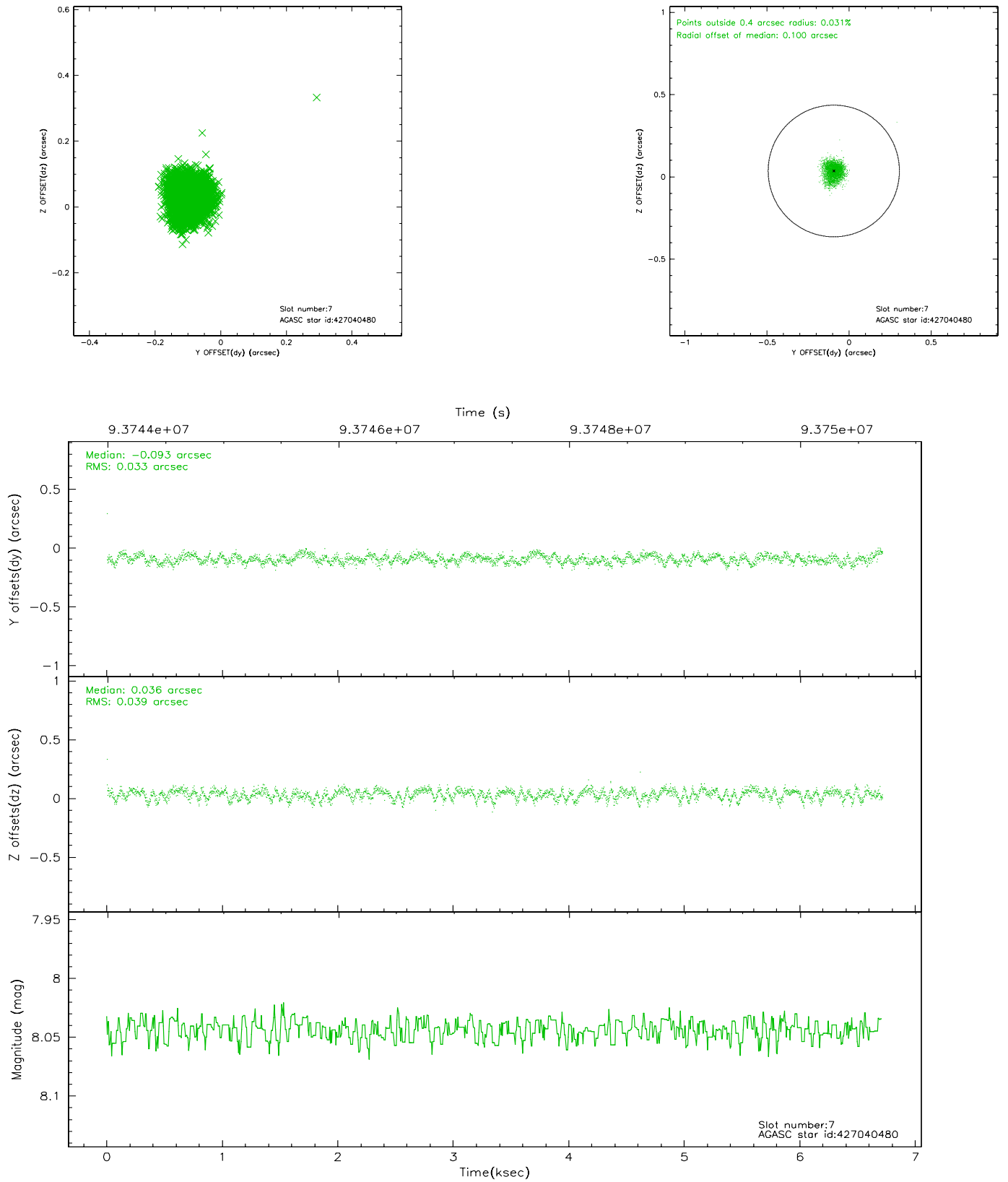
2.4.3 Slot 5



2.4.4 Slot 6

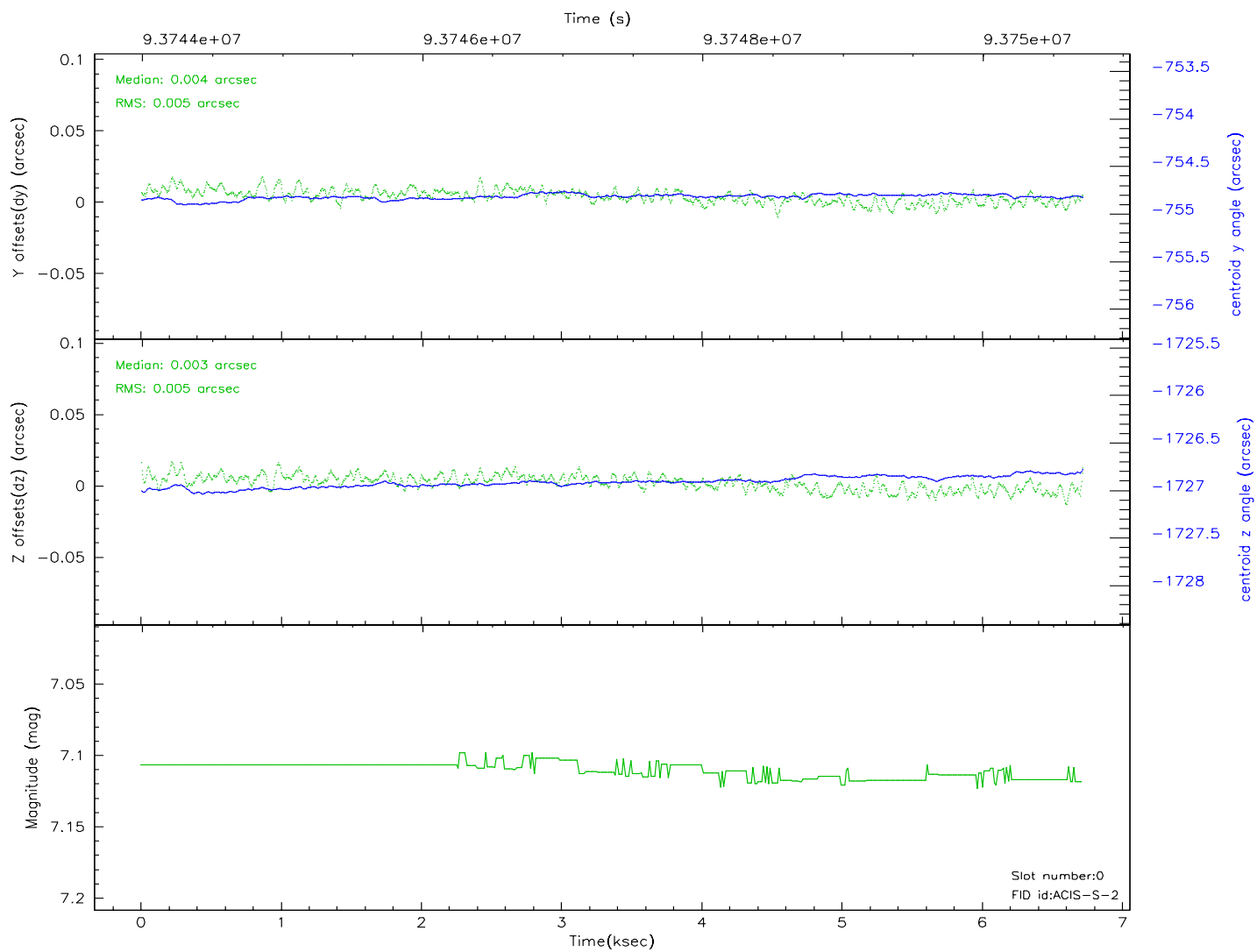
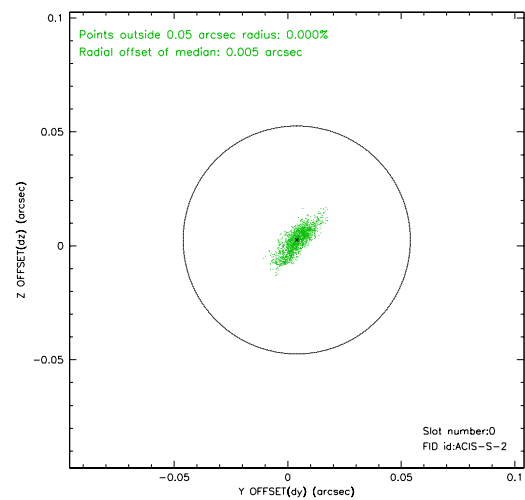
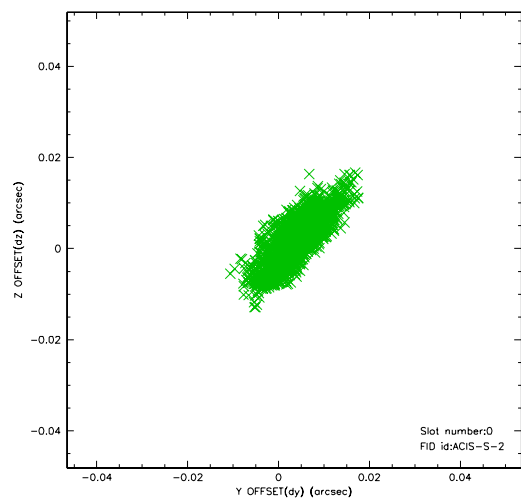


2.4.5 Slot 7

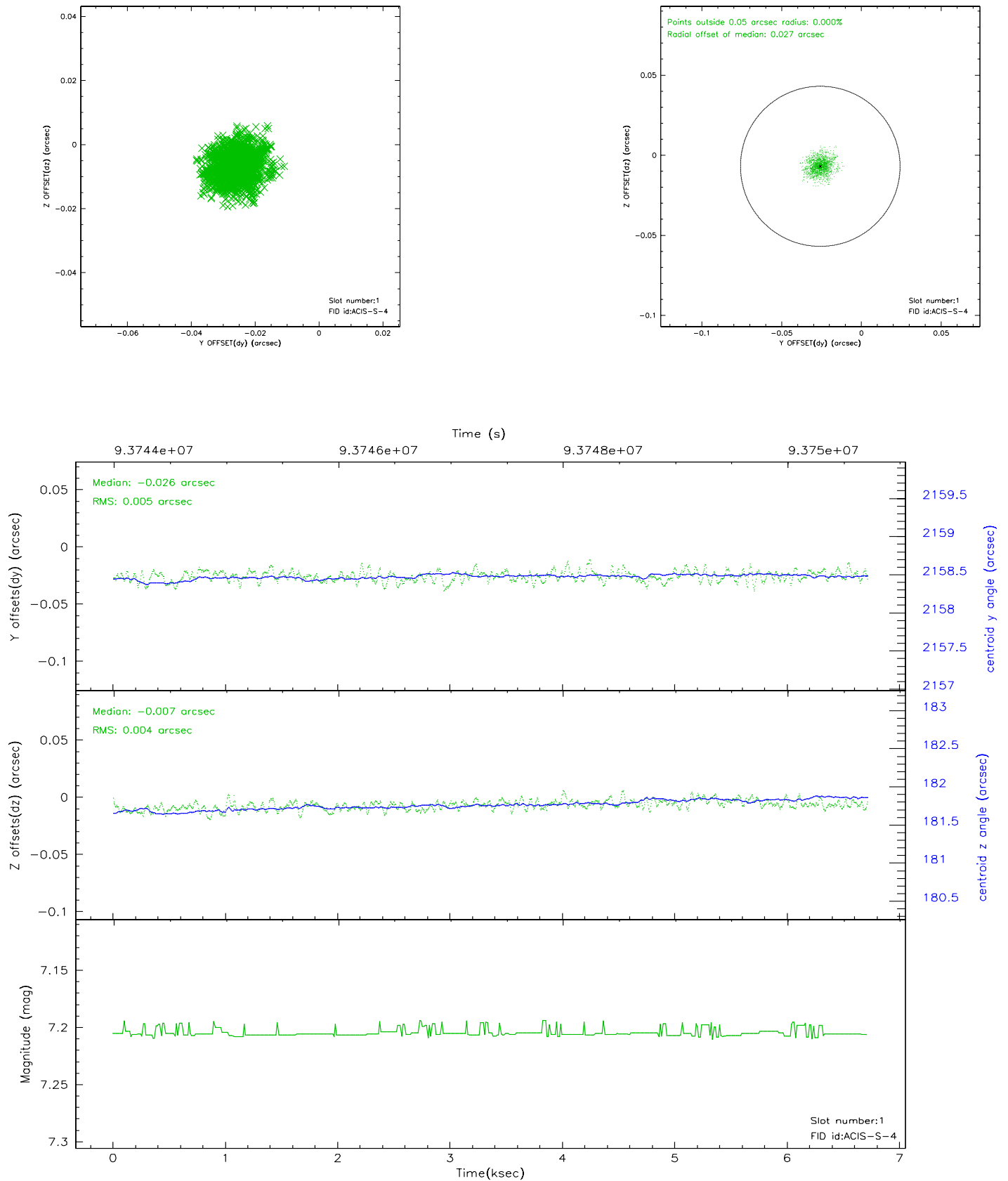


2.5 FID Slots

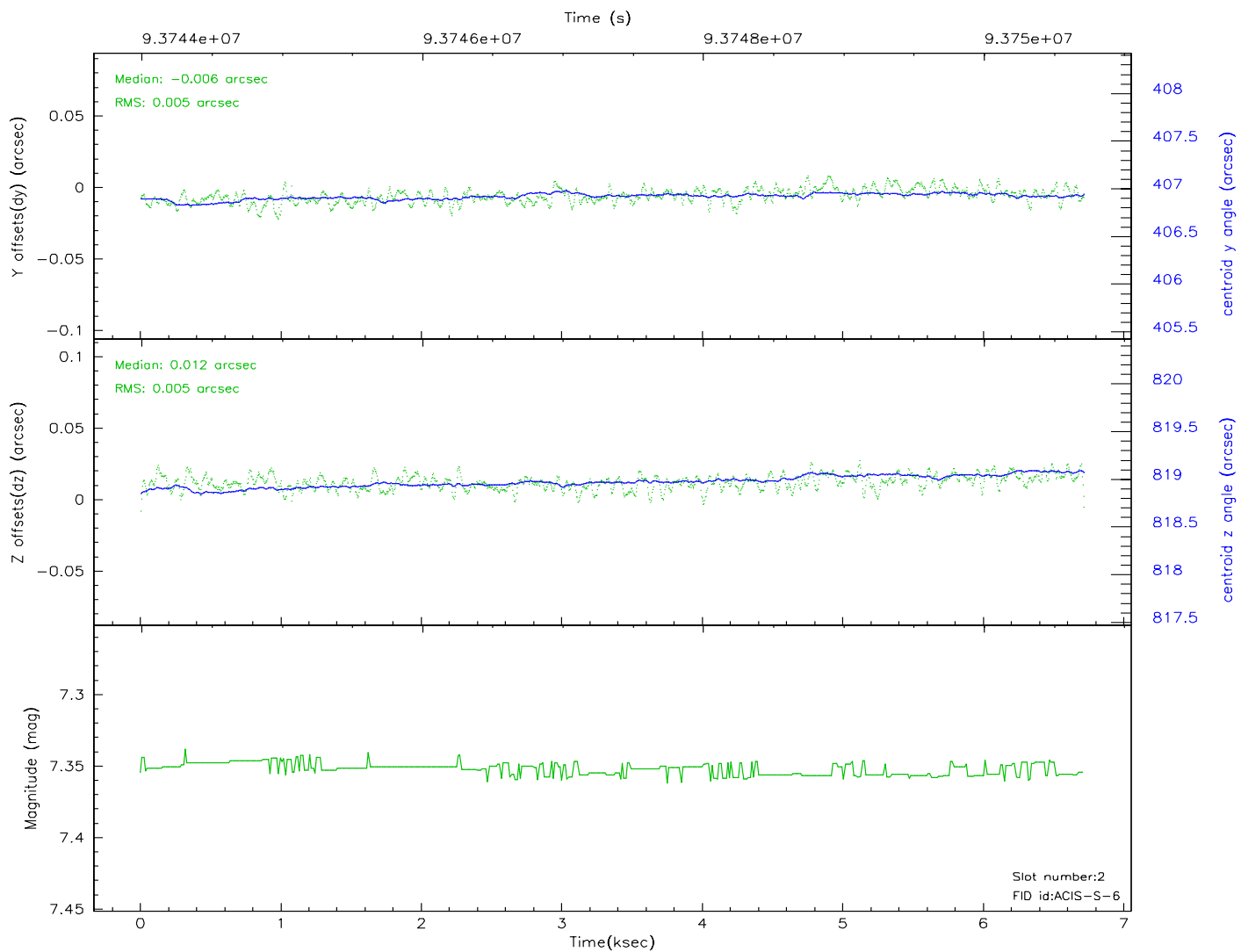
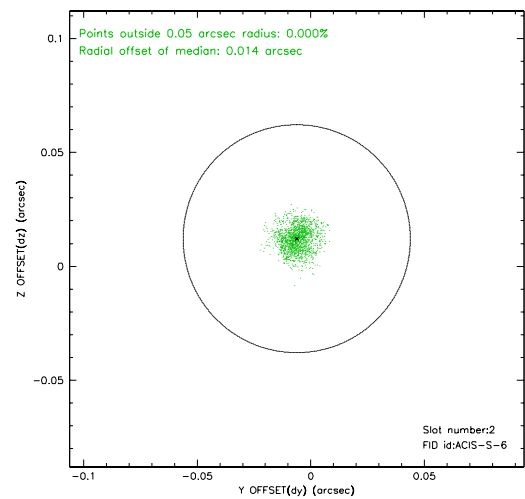
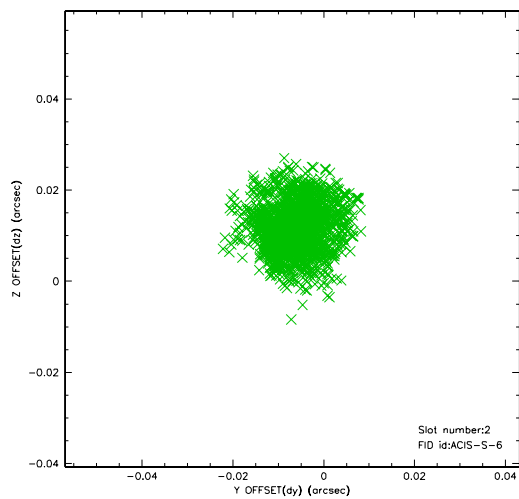
2.5.1 Slot 0



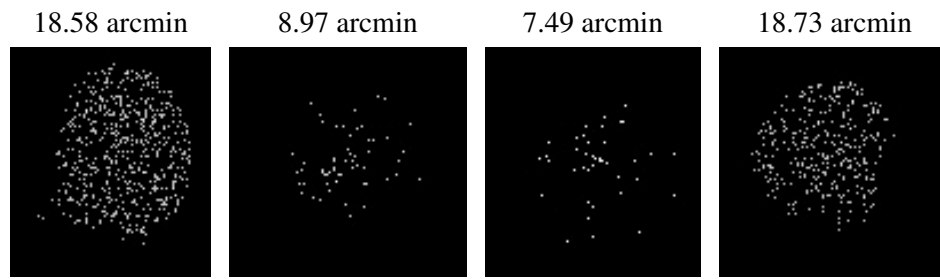
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.952

A.2 Comments