

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4822 - L2 Version 001
Chandra X-Ray Center

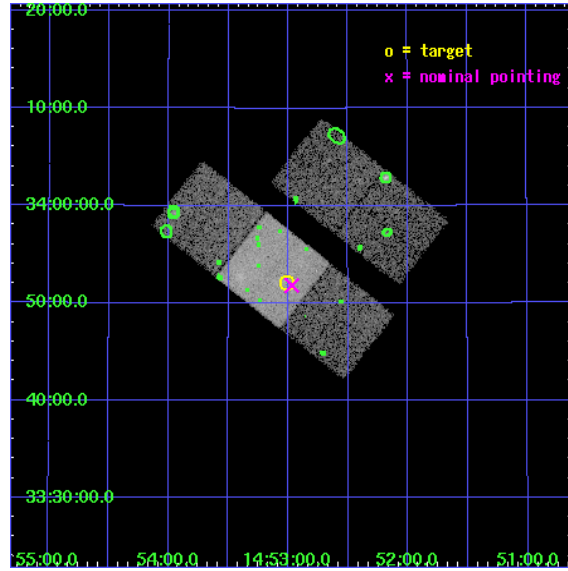
L2 Processing Date : May 1 2006

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1 Front

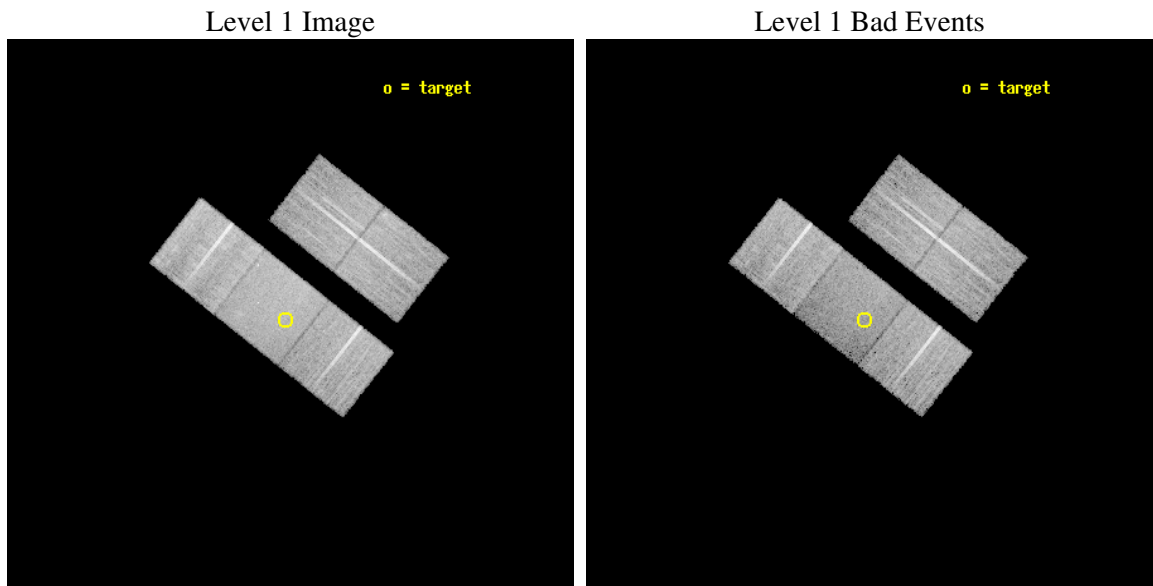
seq_num	700904
obs_id	4822
title	Destroying Degeneracy: Spanning the Luminosity Range for Radio-Quiet Quasars at $z=4$
observer	Dr. Jill Bechtold
object	PC 1450+3404
dtcycle	0
cycle	P
ra_targ	223.2525
dec_targ	33.868333
ra_nom	223.24225056788
dec_nom	33.863764180811
roll_nom	218.26369137707
revision	2
ontime	15038.099971086
livetime	14841.616124075
ontime2	15034.958990842
ontime3	15031.818000674
ontime6	15038.099971086
ontime7	15038.099971086
ontime8	15038.099971086
l2events	76172



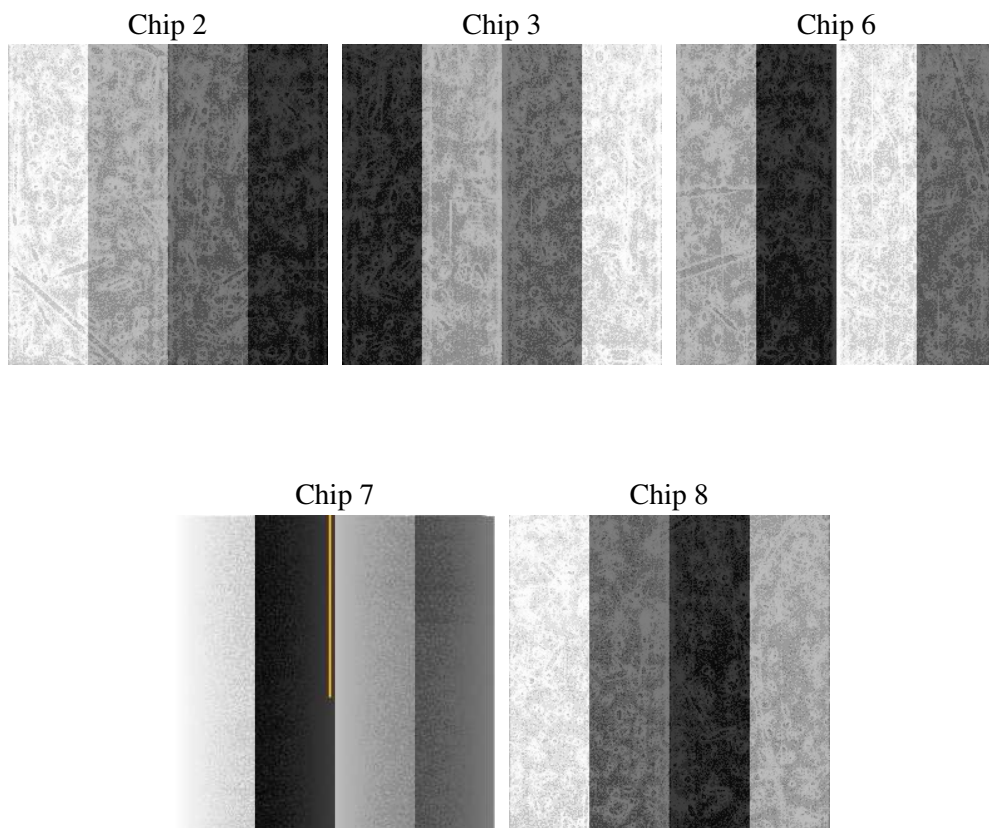
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2
ascdsver	7.6.7.2
caldsver	3.2.1
date	2006-05-01T15:31:30
revision	2

sched_exp_time	15000.000000
ontime	15042.282815814
ontime2	15042.282825798
ontime3	15036.000815511
ontime6	15042.282785922
ontime7	15042.282815814
ontime8	15045.423806041
l1events	495194

2.1.4 Events

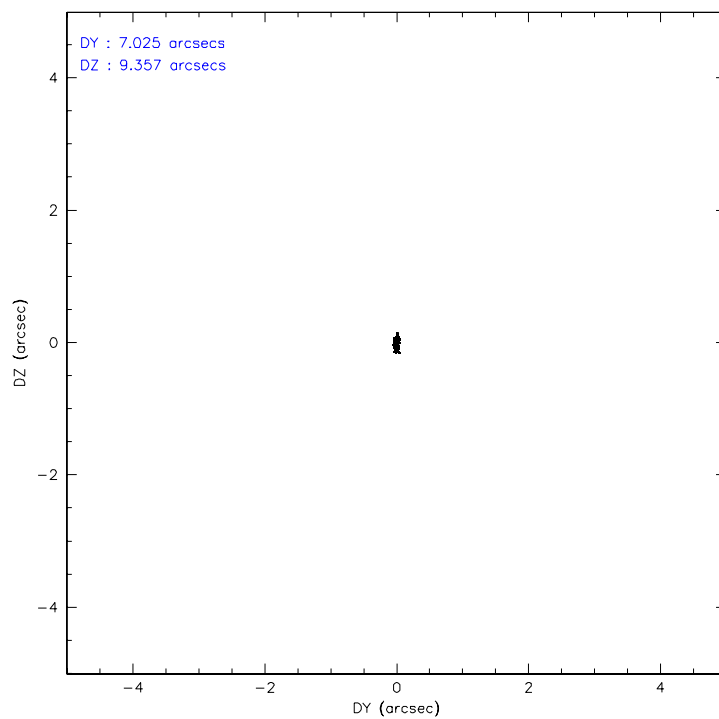
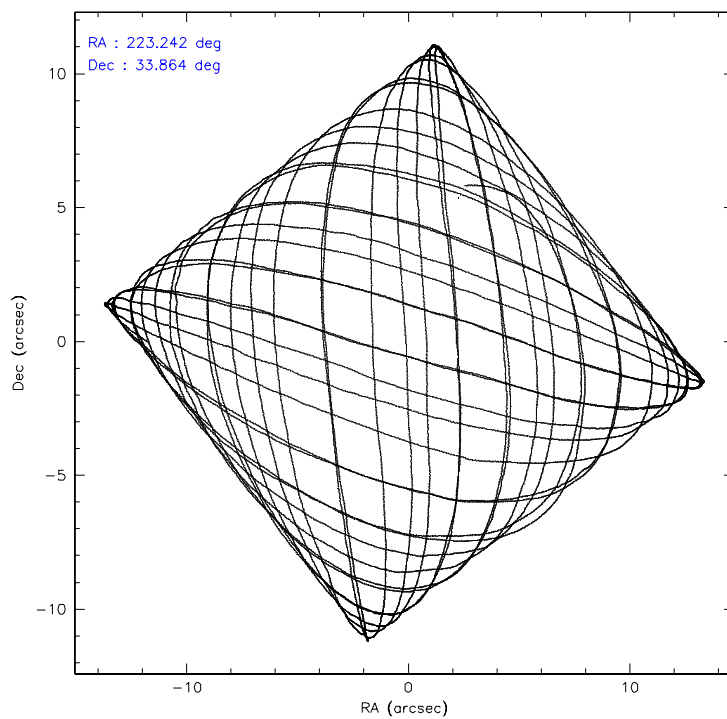
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	92727	91016	92394	103007	116050
rejected events	83743	82446	82817	58818	90504
rejected %	90%	90%	89%	57%	77%

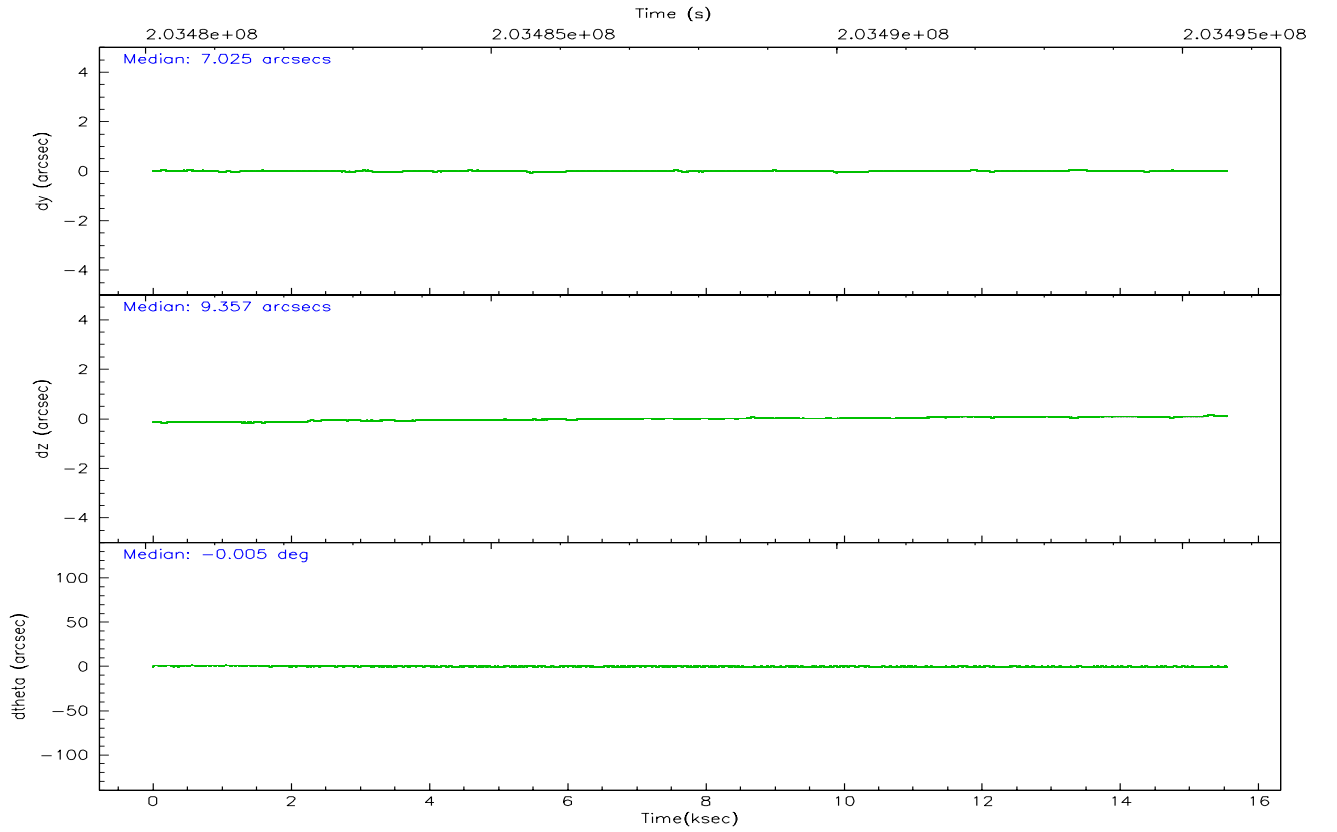
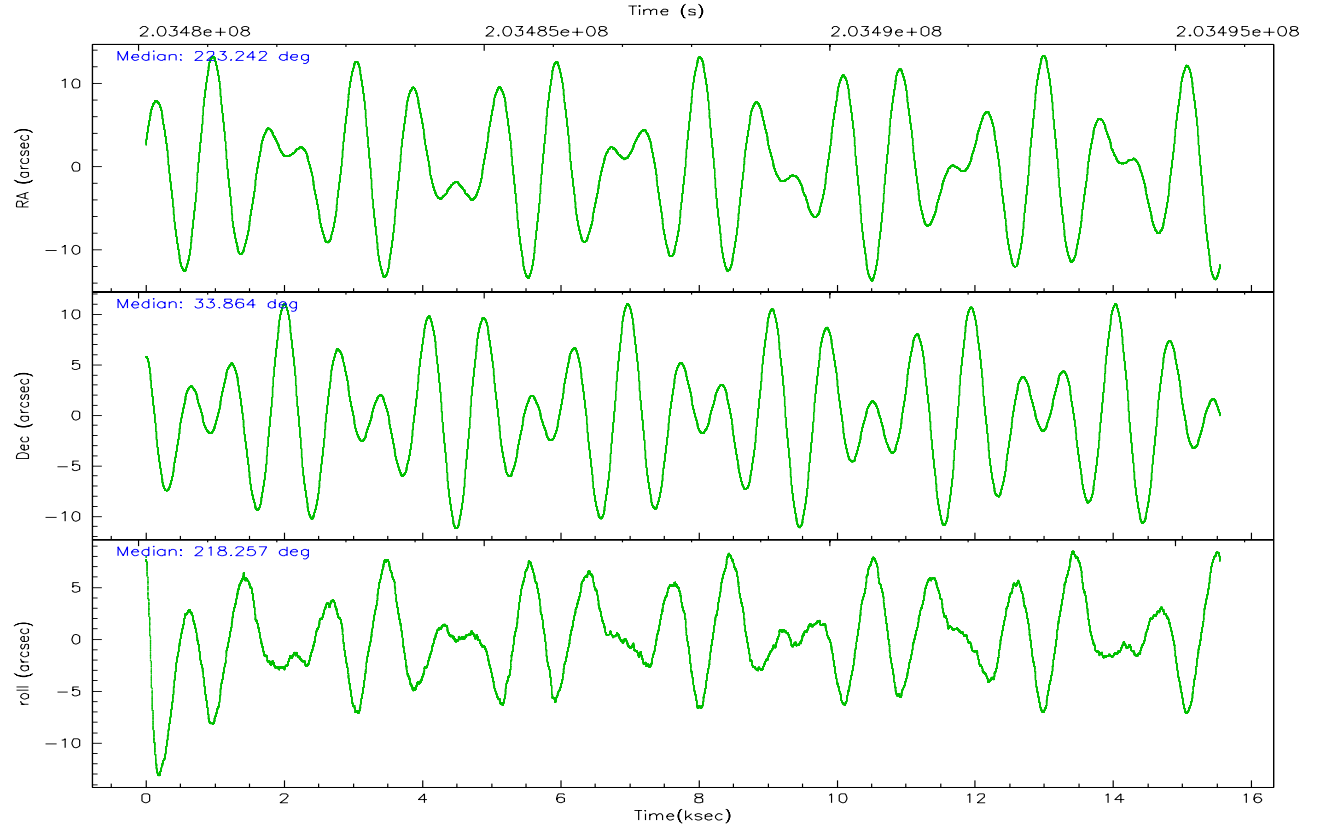
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	3512	3058	3376	3117	7714
	3%	3%	3%	3%	6%
grade 1 events	33	46	39	51	92
	0%	0%	0%	0%	0%
grade 2 events	1999	1747	2077	11017	5893
	2%	1%	2%	10%	5%
grade 3 events	951	1007	1046	2746	2587
	1%	1%	1%	2%	2%
grade 4 events	1013	1031	1067	2643	2471
	1%	1%	1%	2%	2%
grade 5 events	2955	3589	3777	7856	5273
	3%	3%	4%	7%	4%
grade 6 events	1513	1729	2012	24676	6883
	1%	1%	2%	23%	5%
grade 7 events	80751	78809	79000	50901	85137
	87%	86%	85%	49%	73%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23678	ACIS-23678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	223.253963	223.2422505678827	Alternating exposures requested	N	N
Pointing Dec	33.889194	33.86376418081059	Primary exposure time	0.000000	3.1
Pointing Roll	218.100534	218.2636913770675			
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	203480654.184000	203479548.3954			
Observation start date	2004-06-13T02:23:10	2004-06-13T02:05:48			
Observation end time	203495654.184000	203496466.02115			
Observation end date	2004-06-13T06:33:10	2004-06-13T06:47:46			
Read mode	TIMED	TIMED			

2.3 Aspect



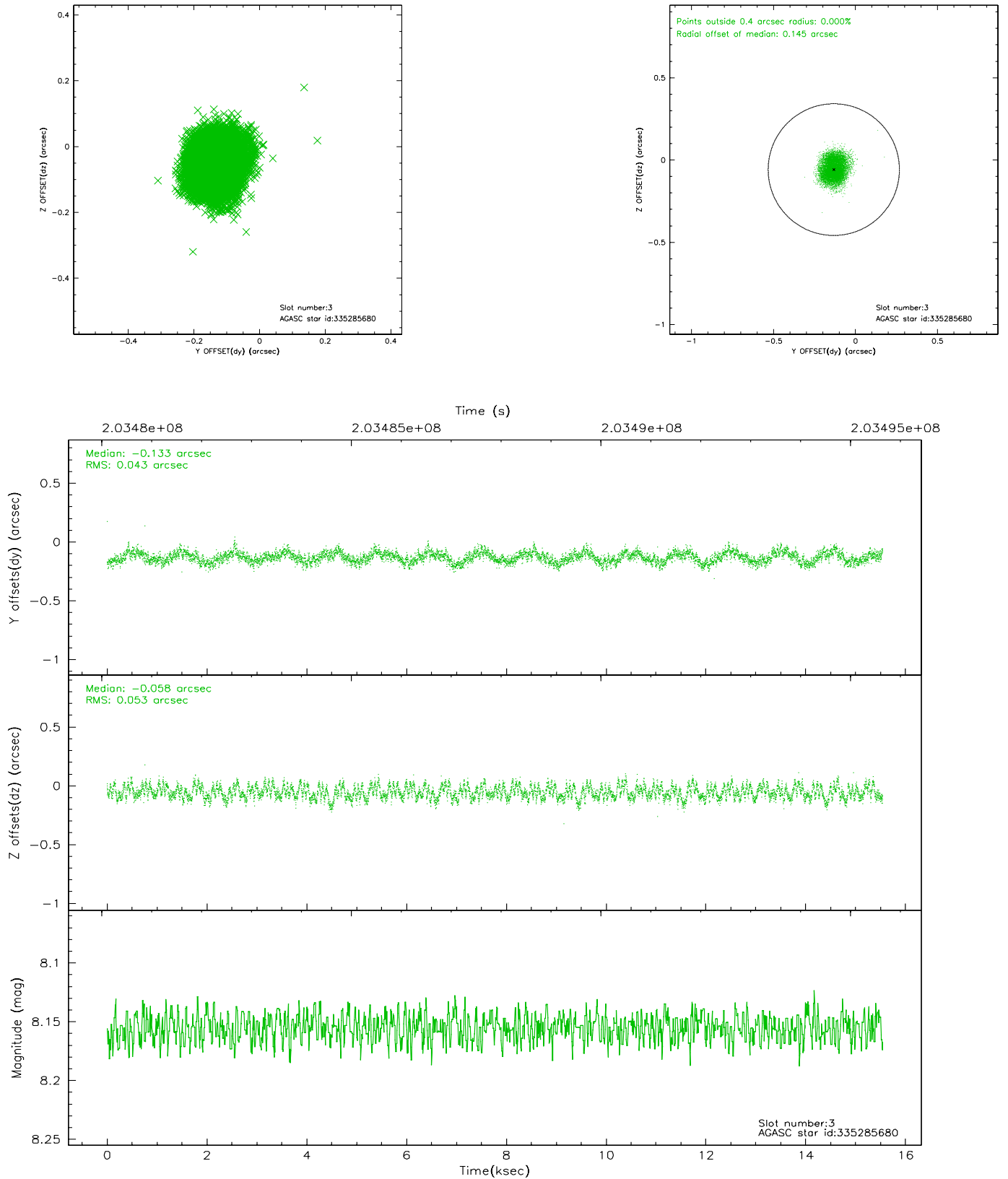


Slot Statistics

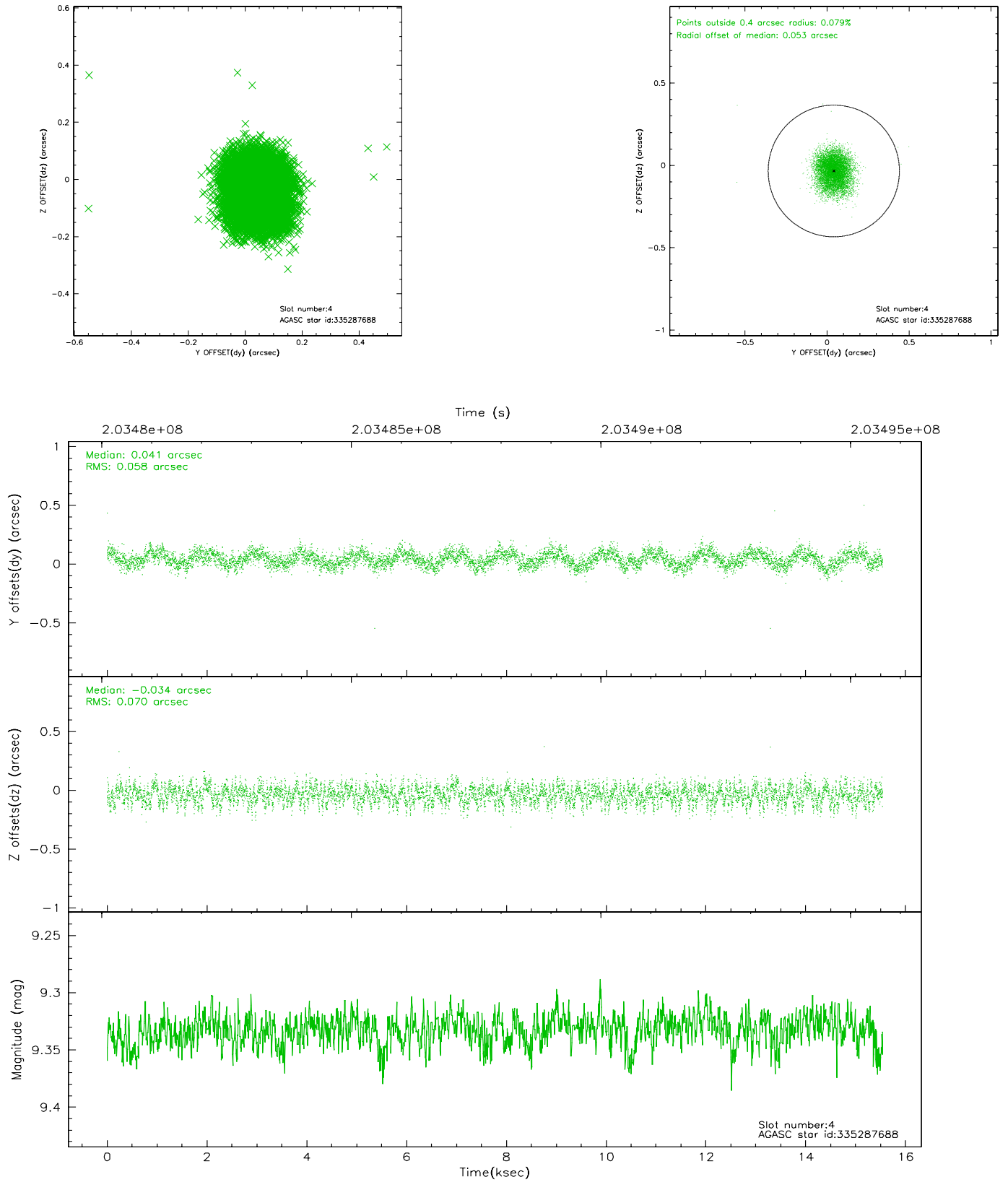
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	3791	-0.028	-0.008	0.007	0.011	0.000000	0.000000	-759.78	-1730.54
1	FID	ACIS-S-4	7.20	3790	0.030	0.016	0.005	0.009	0.000000	0.000000	2153.40	177.70
2	FID	ACIS-S-5	7.23	3791	-0.033	0.001	0.006	0.011	0.000000	0.000000	-1812.29	171.64
3	GUIDE	335285680	8.16	7581	-0.133	-0.058	0.074	0.113	223.639410	34.411244	-2061.80	-774.33
4	GUIDE	335287688	9.33	7576	0.041	-0.034	0.097	0.152	222.902069	34.389240	-289.03	-2063.05
5	GUIDE	335287728	9.06	7580	0.007	0.070	0.078	0.127	223.554837	33.608720	-87.61	1349.99
6	GUIDE	335288000	8.48	7580	0.003	0.009	0.067	0.105	223.516492	33.640072	-66.25	1191.04
7	GUIDE	335288992	9.98	7573	0.084	0.017	0.117	0.188	223.017835	33.216530	2053.53	1466.79

2.4 Star Slots

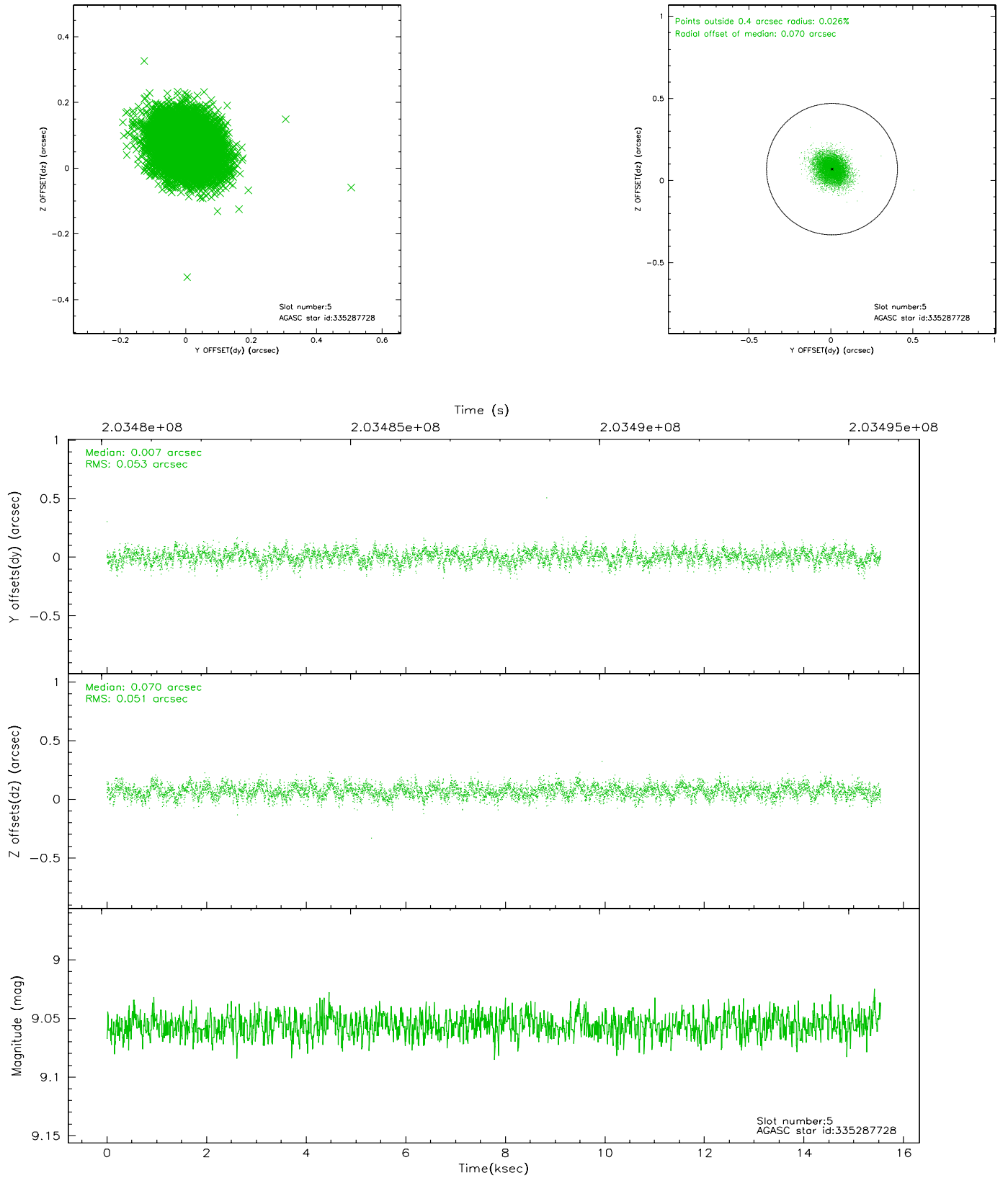
2.4.1 Slot 3



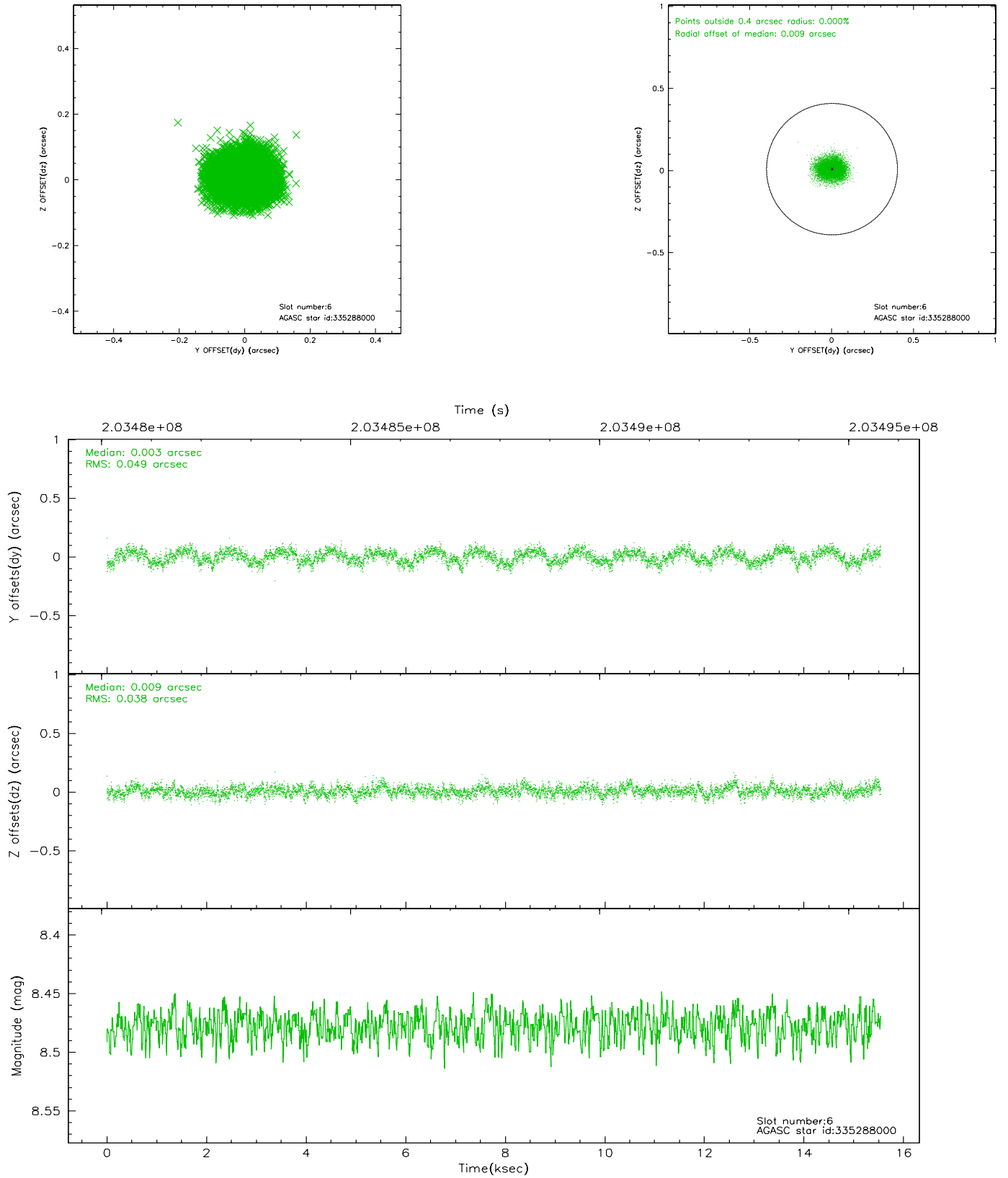
2.4.2 Slot 4



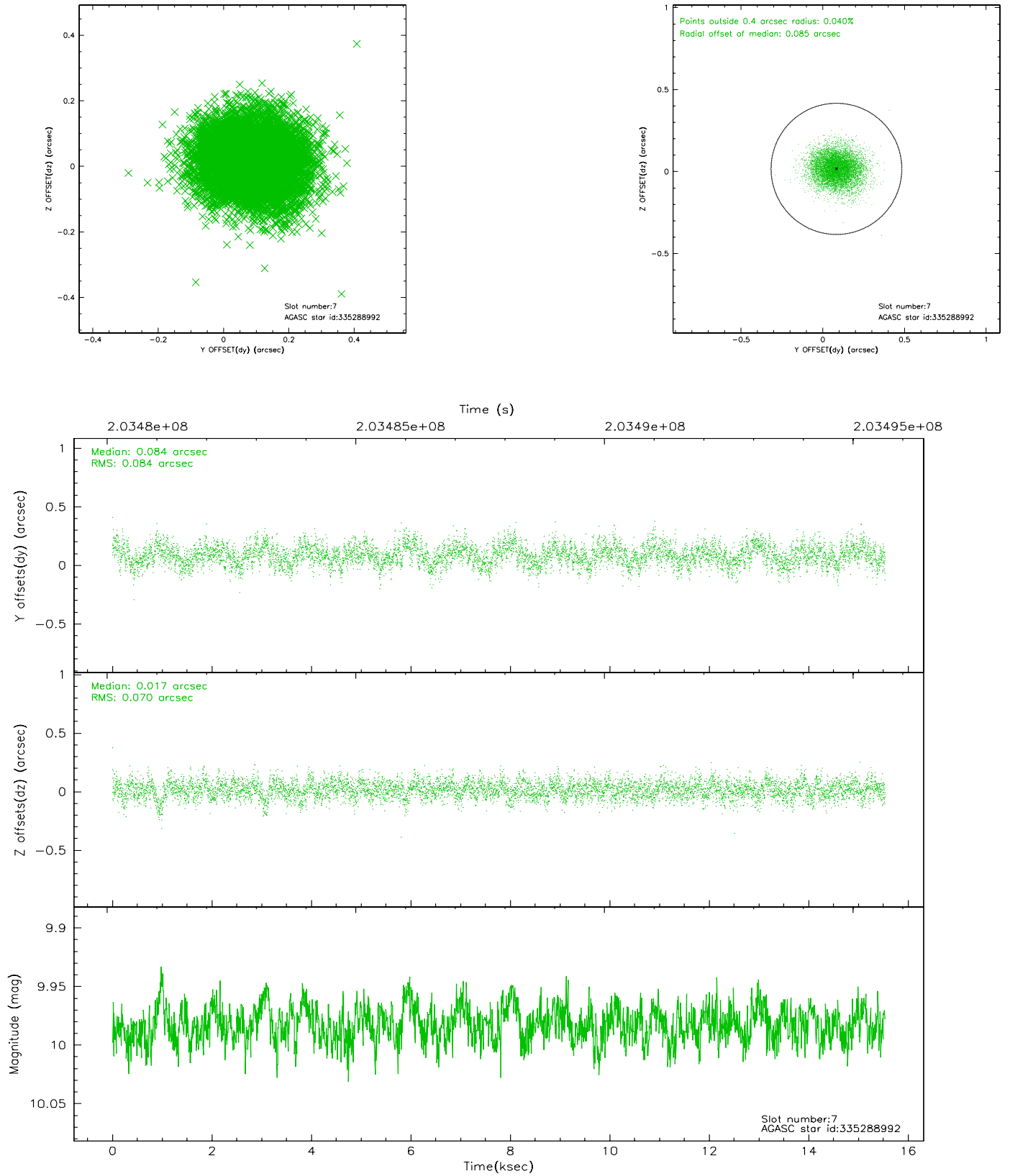
2.4.3 Slot 5



2.4.4 Slot 6

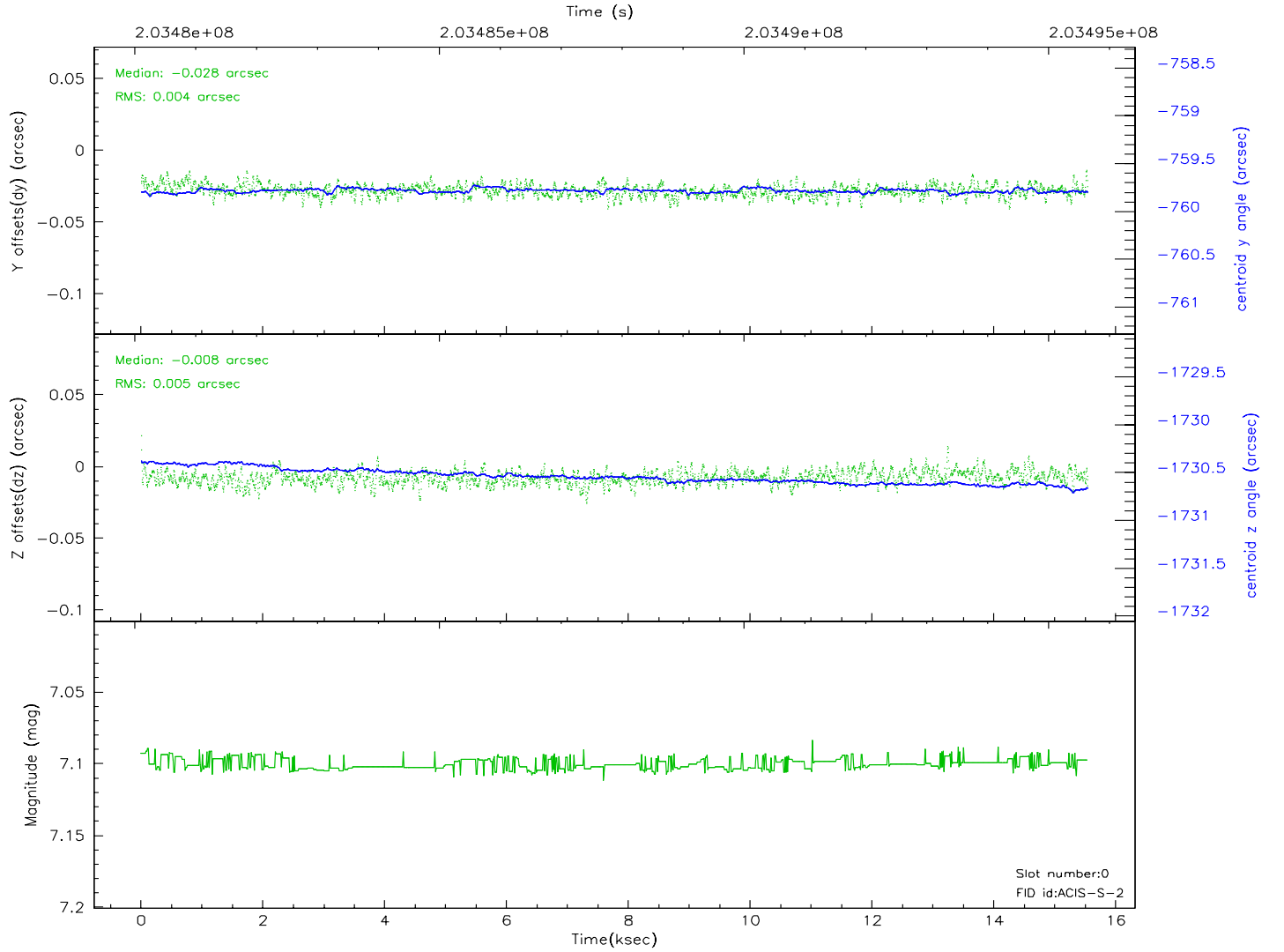
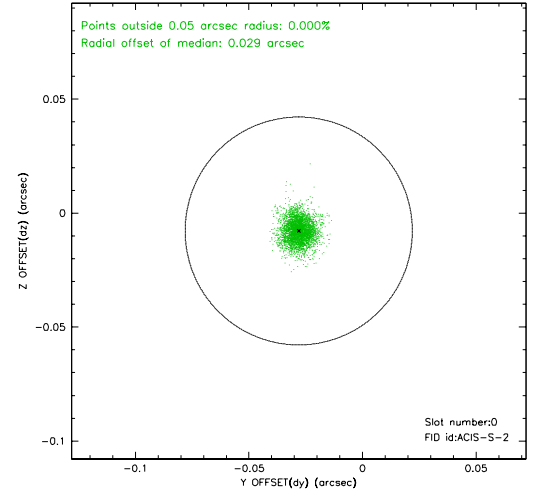
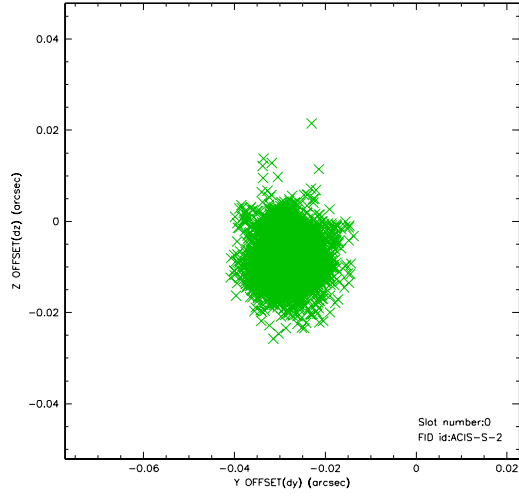


2.4.5 Slot 7

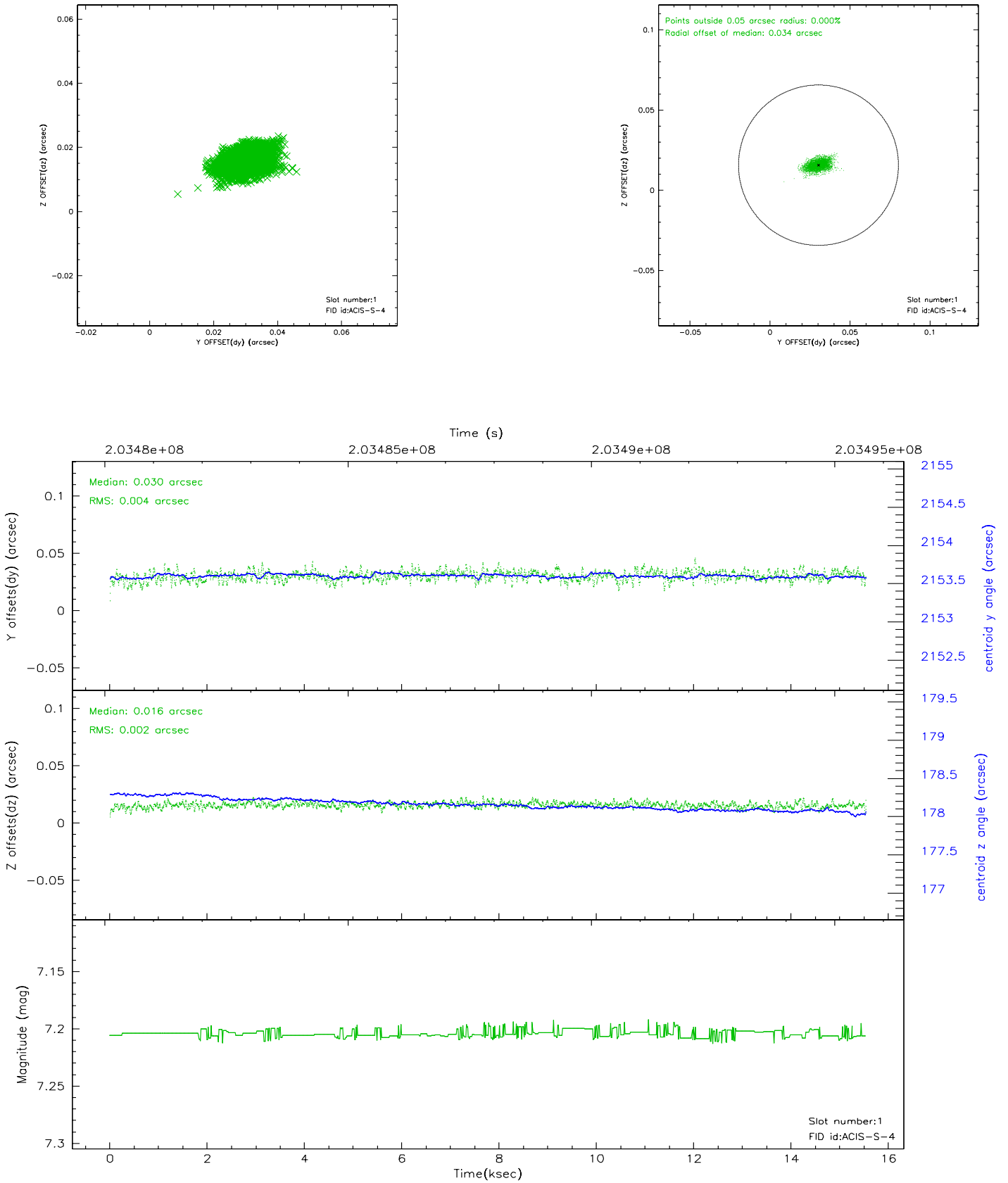


2.5 FID Slots

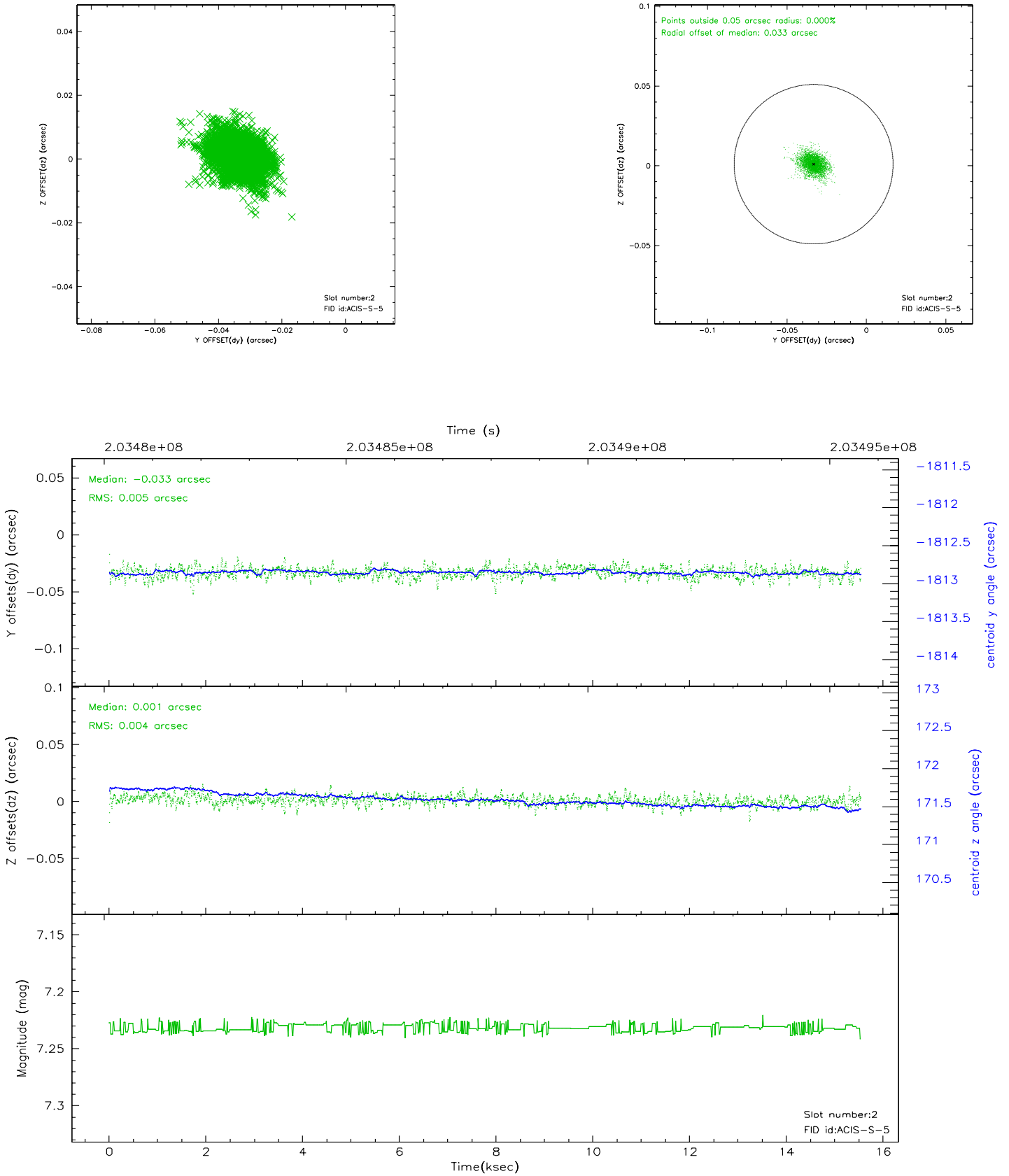
2.5.1 Slot 0



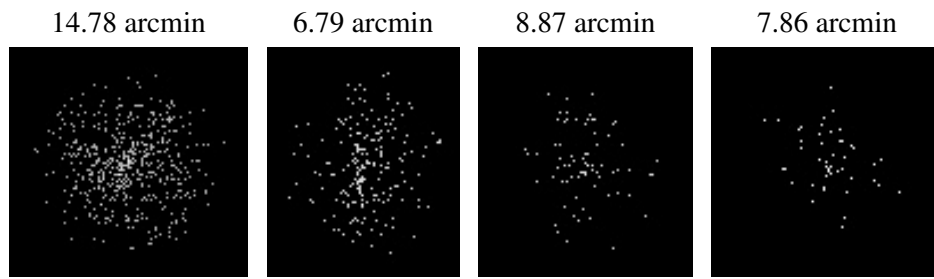
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.05.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.038

A.2 Comments