

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 5610 - L2 Version 002
Chandra X-Ray Center

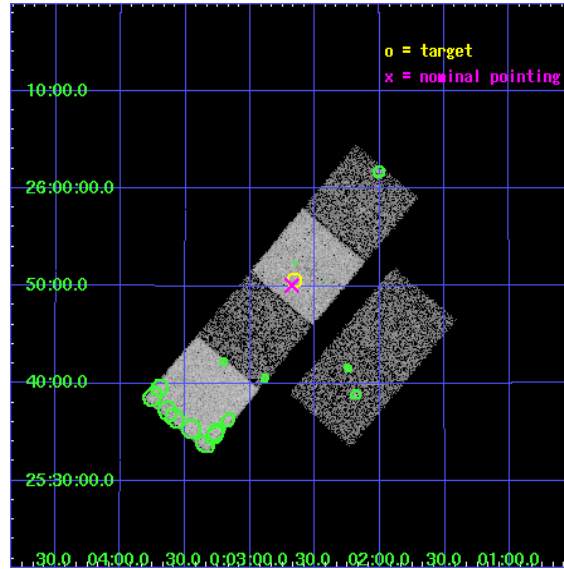
L2 Processing Date: Feb 18 2006

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1 Front

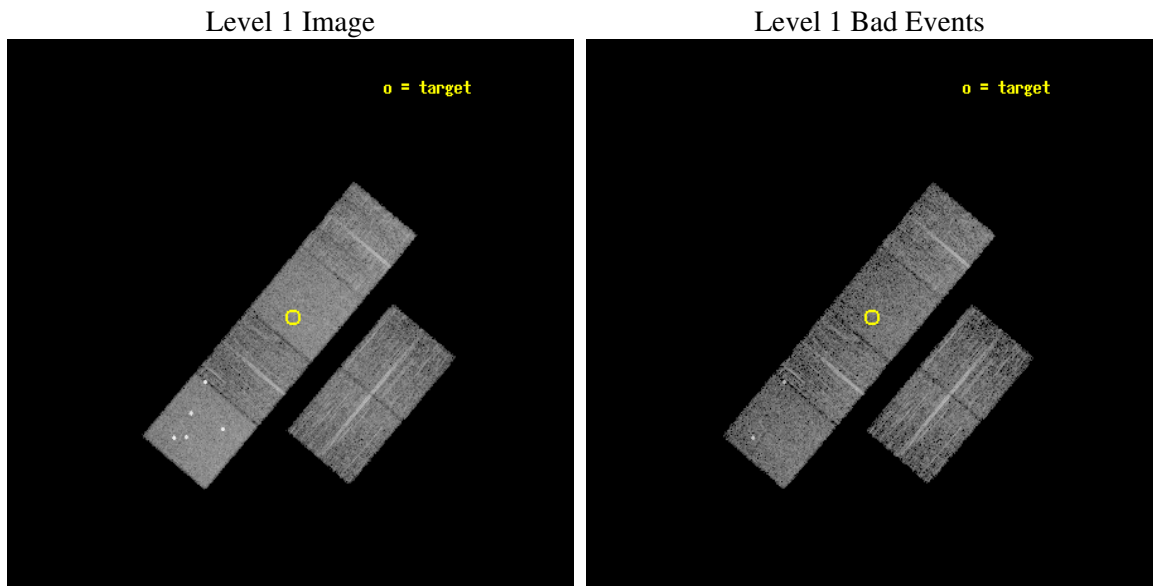
seq_num	701033
obs_id	5610
title	A Chandra Survey of the Most Distant Quasars: X-raying the First Massive Black Holes
observer	Prof. William Brandt
object	SDSS J0002+2550
dtcycle	0
cycle	P
ra_targ	0.664167
dec_targ	25.843
ra_nom	0.6695668504759
dec_nom	25.83458338716
roll_nom	310.15425626262
revision	2
ontime	5945.5999778509
livetime	5870.3132109209
ontime2	5945.5999778509
ontime3	5945.5999778509
ontime5	5945.5999778509
ontime6	5945.5999778509
ontime7	5945.5999778509
ontime8	5945.5999778509
l2events	67593



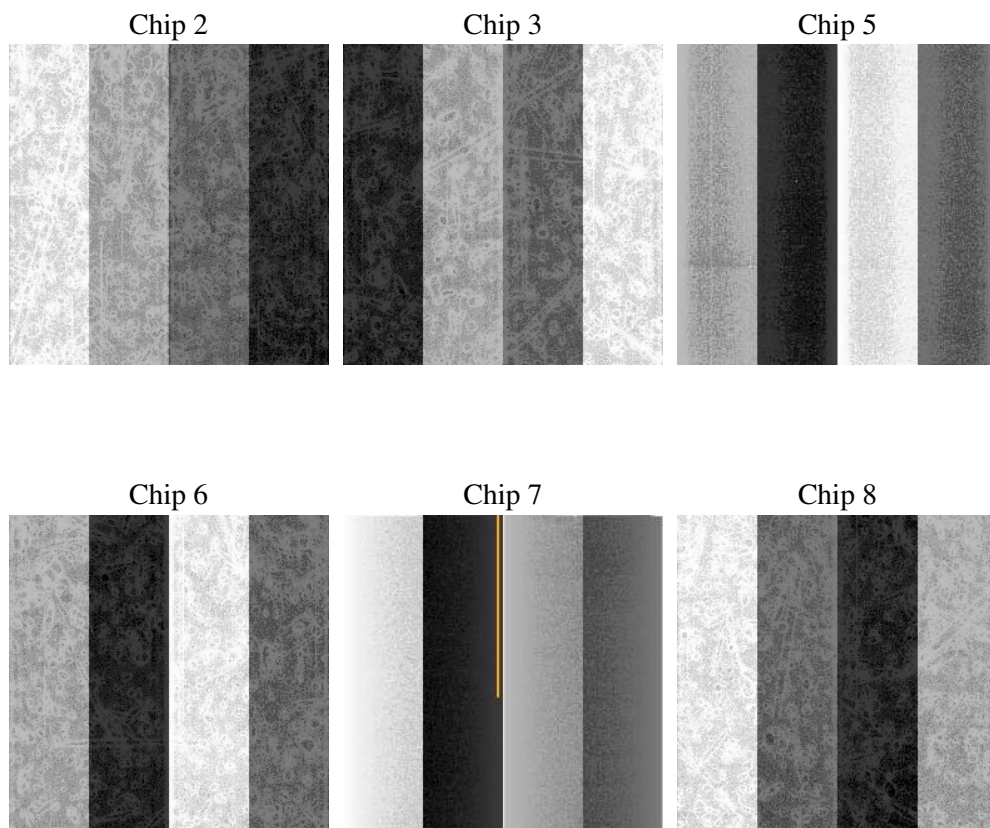
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7
caldsver	3.2.1
date	2006-02-18T08:27:34
revision	2

sched_exp_time	6000.000000
ontime	5950.4923588634
ontime2	5950.4923588634
ontime3	5950.4923389256
ontime5	5950.4923588634
ontime6	5950.4923588634
ontime7	5950.4923588634
ontime8	5950.4923588634
l1events	310881

2.1.4 Events

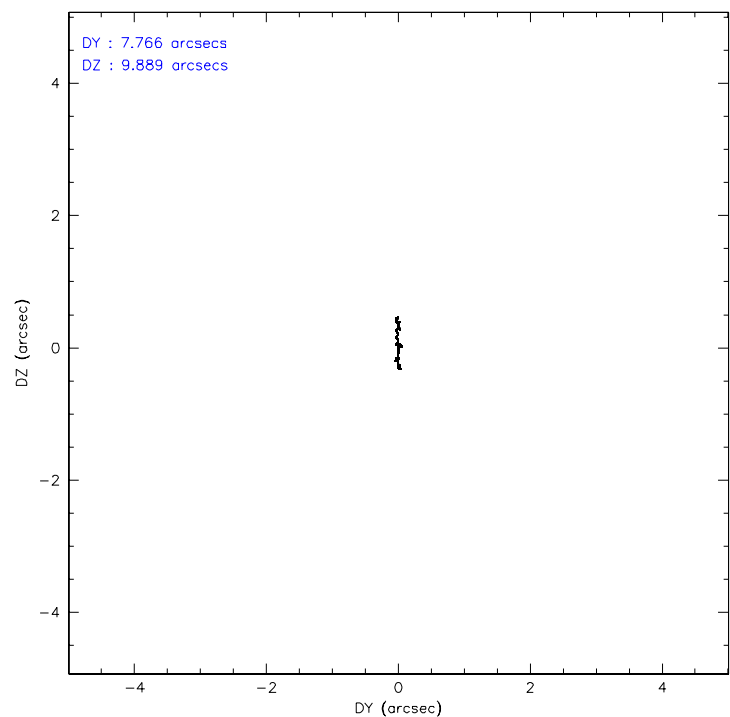
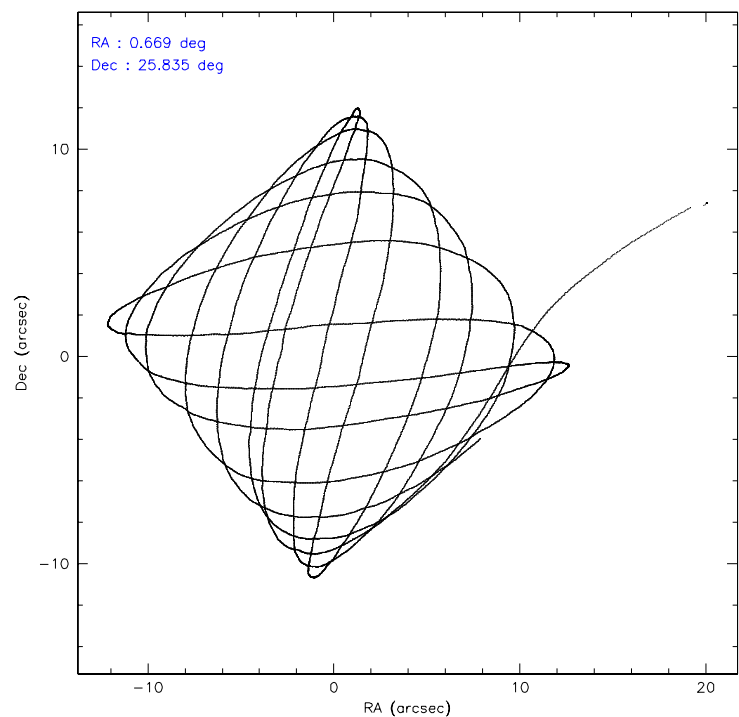
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	44551	41597	68877	42238	57413	56205
rejected events	39198	36433	35715	36948	34973	43819
rejected %	87%	87%	51%	87%	60%	77%

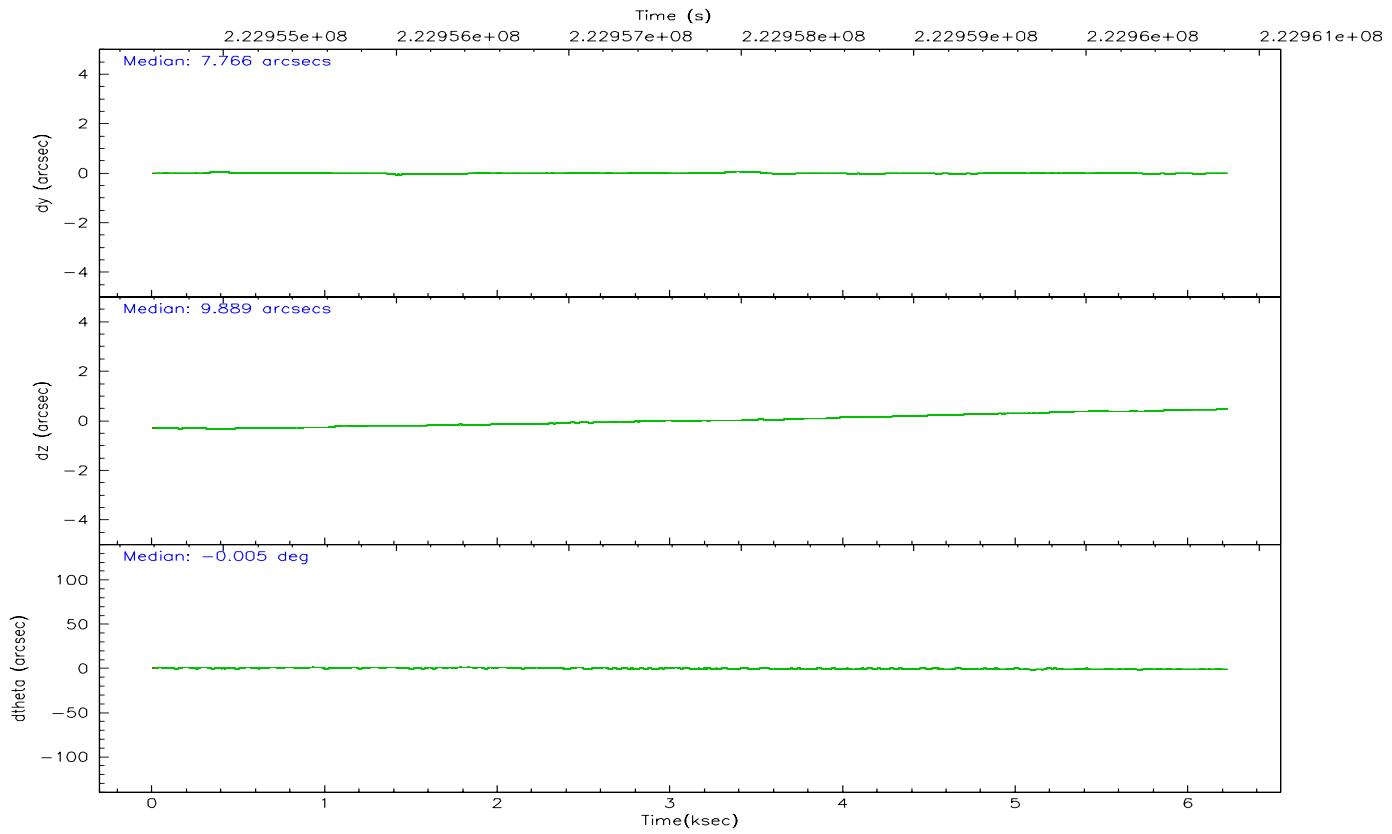
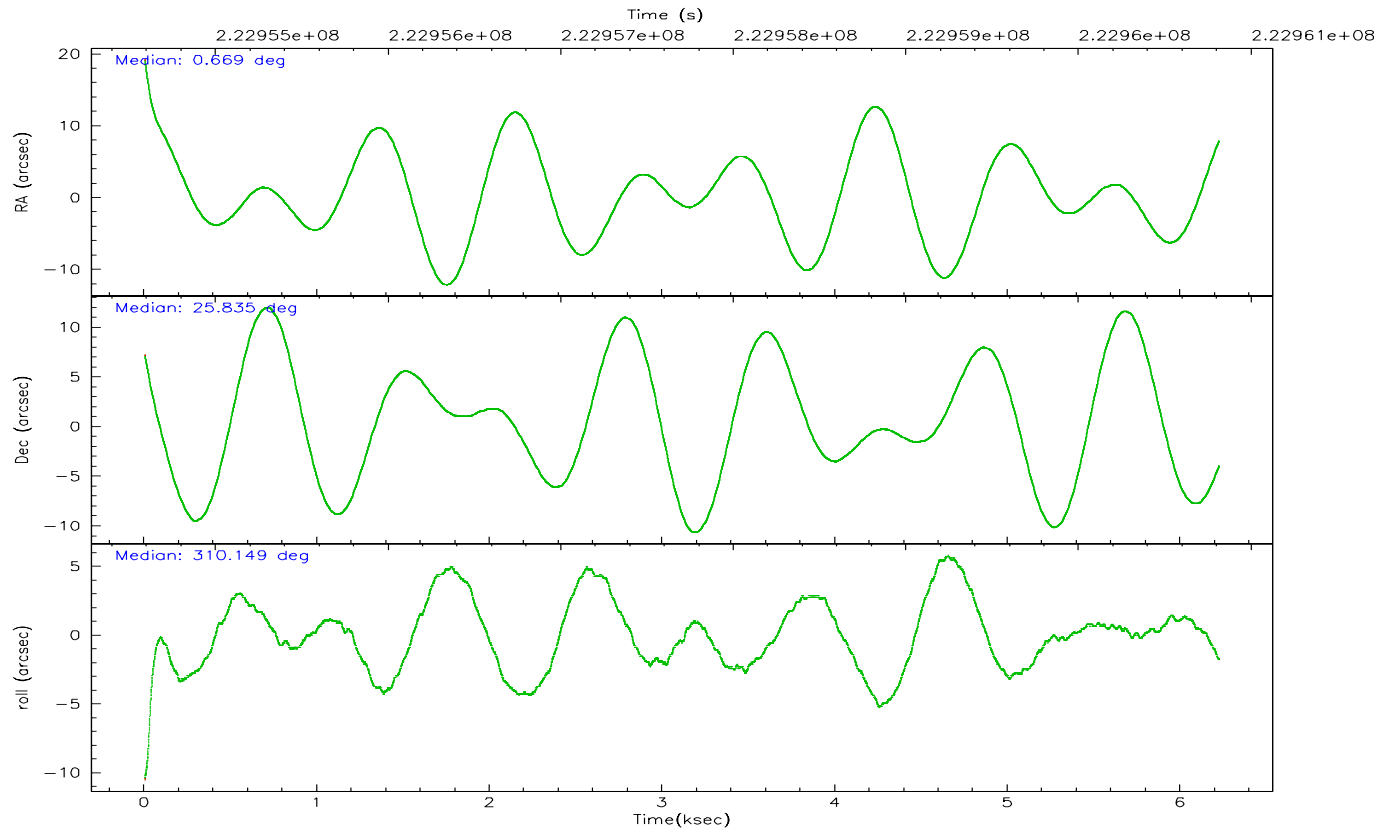
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	2444	2247	5857	2067	1298	4082
	5%	5%	8%	4%	2%	7%
grade 1 events	31	25	277	19	47	41
	0%	0%	0%	0%	0%	0%
grade 2 events	1037	998	9840	1134	5661	2606
	2%	2%	14%	2%	9%	4%
grade 3 events	468	485	791	494	1165	1311
	1%	1%	1%	1%	2%	2%
grade 4 events	484	529	610	496	1064	1223
	1%	1%	0%	1%	1%	2%
grade 5 events	1683	1795	3250	1943	3733	2596
	3%	4%	4%	4%	6%	4%
grade 6 events	924	913	16098	1107	13268	3165
	2%	2%	23%	2%	23%	5%
grade 7 events	37480	34605	32154	34978	31177	41181
	84%	83%	46%	82%	54%	73%

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	0.640959	0.669566850475902	Alternating exposures requested	N	N
Pointing Dec	25.843524	25.83458338716021	Primary exposure time	0.000000	3.2
Pointing Roll	310.010120	310.1542562626207			
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	222954820.184000	222953691.85348			
Observation start date	2005-01-24T11:52:36	2005-01-24T11:34:51			
Observation end time	222960820.184000	222962313.64137			
Observation end date	2005-01-24T13:32:36	2005-01-24T13:58:33			
Read mode	TIMED	TIMED			

2.3 Aspect



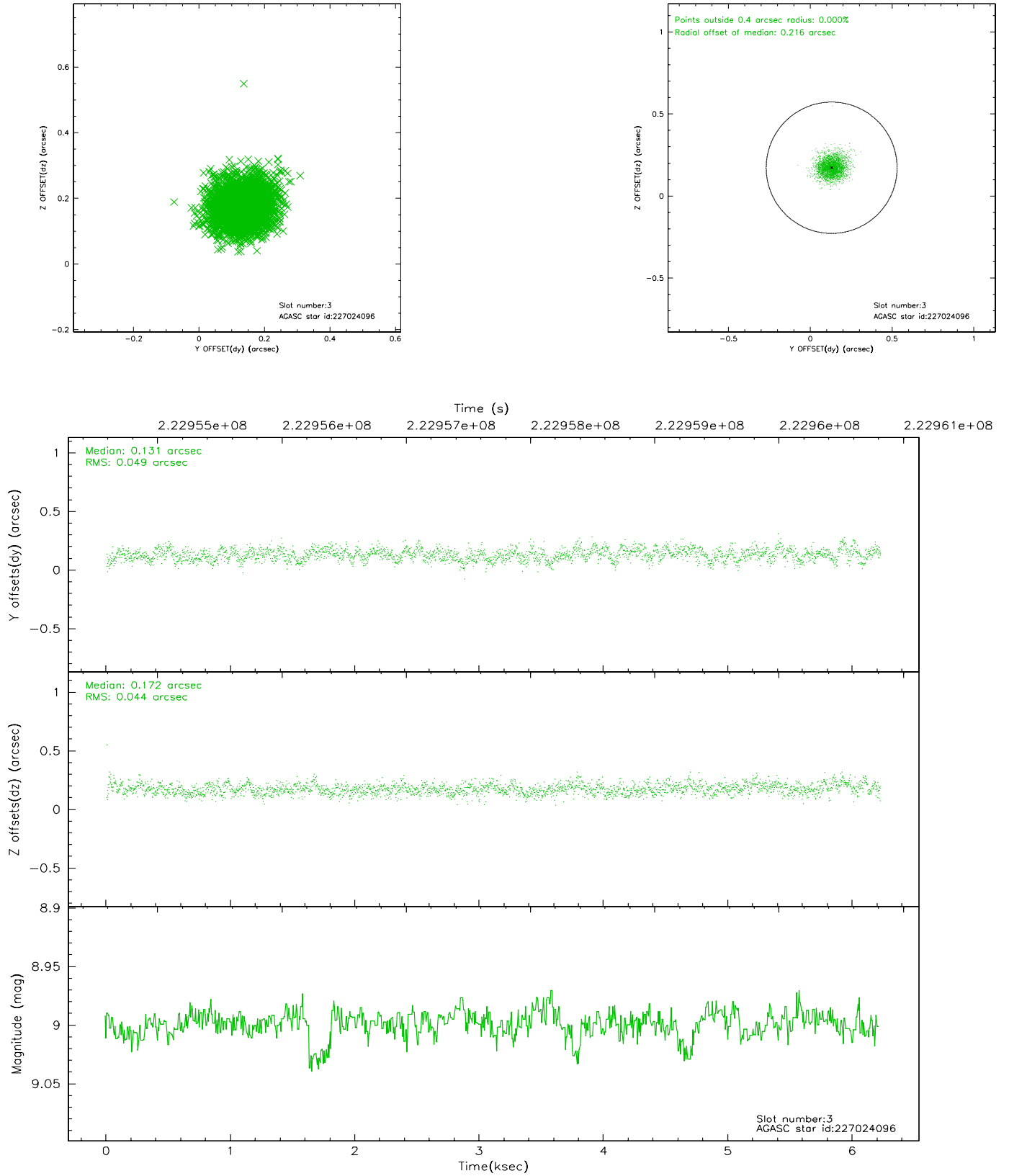


Slot Statistics

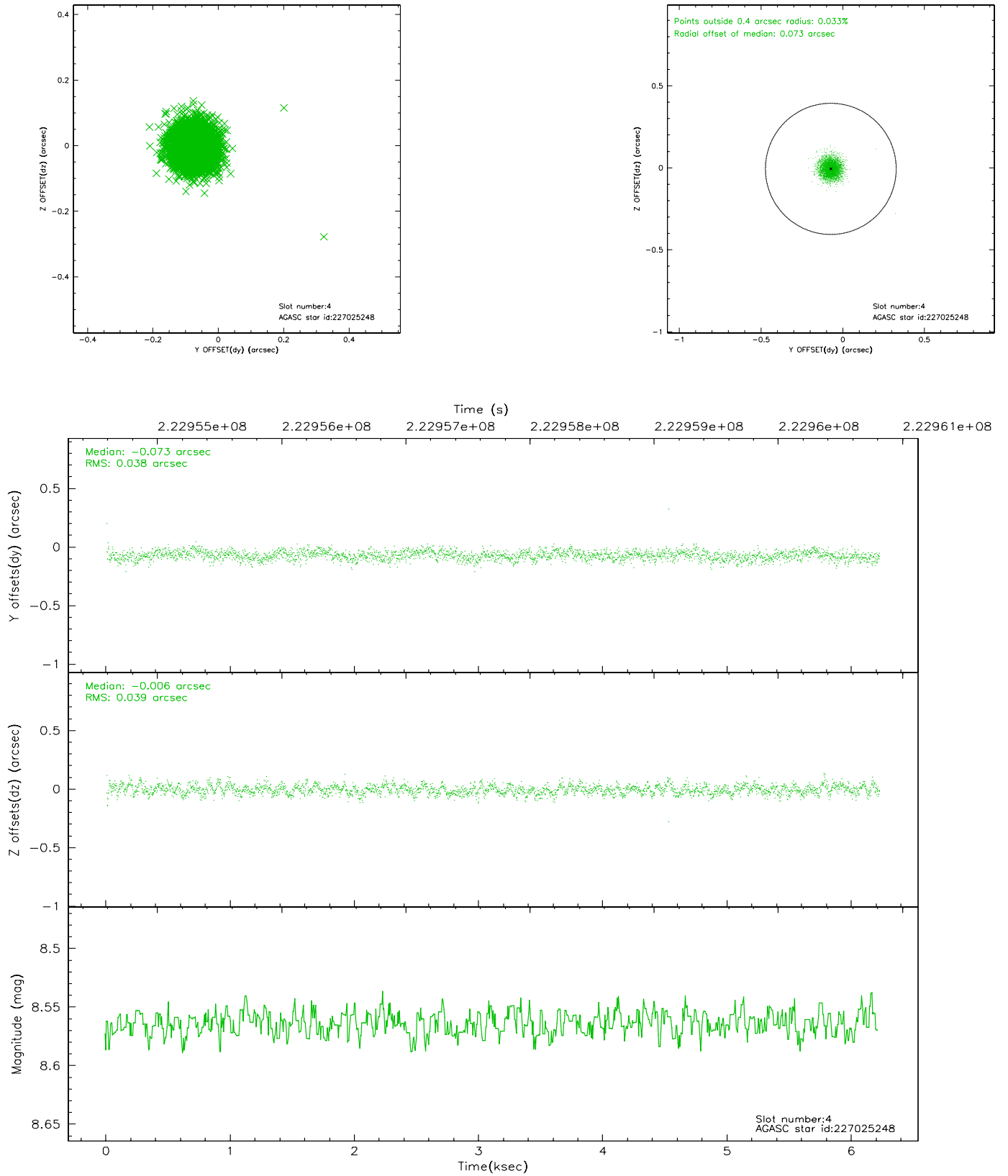
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1518	-0.032	-0.000	0.008	0.013	0.000000	0.000000	-760.53	-1731.18
1	FID	ACIS-S-4	7.21	1518	0.056	0.015	0.007	0.016	0.000000	0.000000	2152.37	176.40
2	FID	ACIS-S-5	7.23	1518	-0.057	-0.007	0.008	0.012	0.000000	0.000000	-1812.22	171.05
3	GUIDE	227024096	9.00	3035	0.131	0.172	0.069	0.114	1.512909	25.763767	2030.38	1987.41
4	GUIDE	227025248	8.56	3034	-0.073	-0.006	0.057	0.090	0.469385	26.116200	-1107.94	207.19
5	GUIDE	227030312	8.40	3035	-0.106	-0.121	0.070	0.112	0.125451	25.844764	-1079.90	-1274.07
6	GUIDE	227032144	9.31	3029	0.120	-0.072	0.101	0.163	0.622996	25.145557	1887.17	-1660.25
7	GUIDE	295579664	8.80	3032	-0.071	0.030	0.085	0.132	359.968875	25.664943	-913.10	-2080.39

2.4 Star Slots

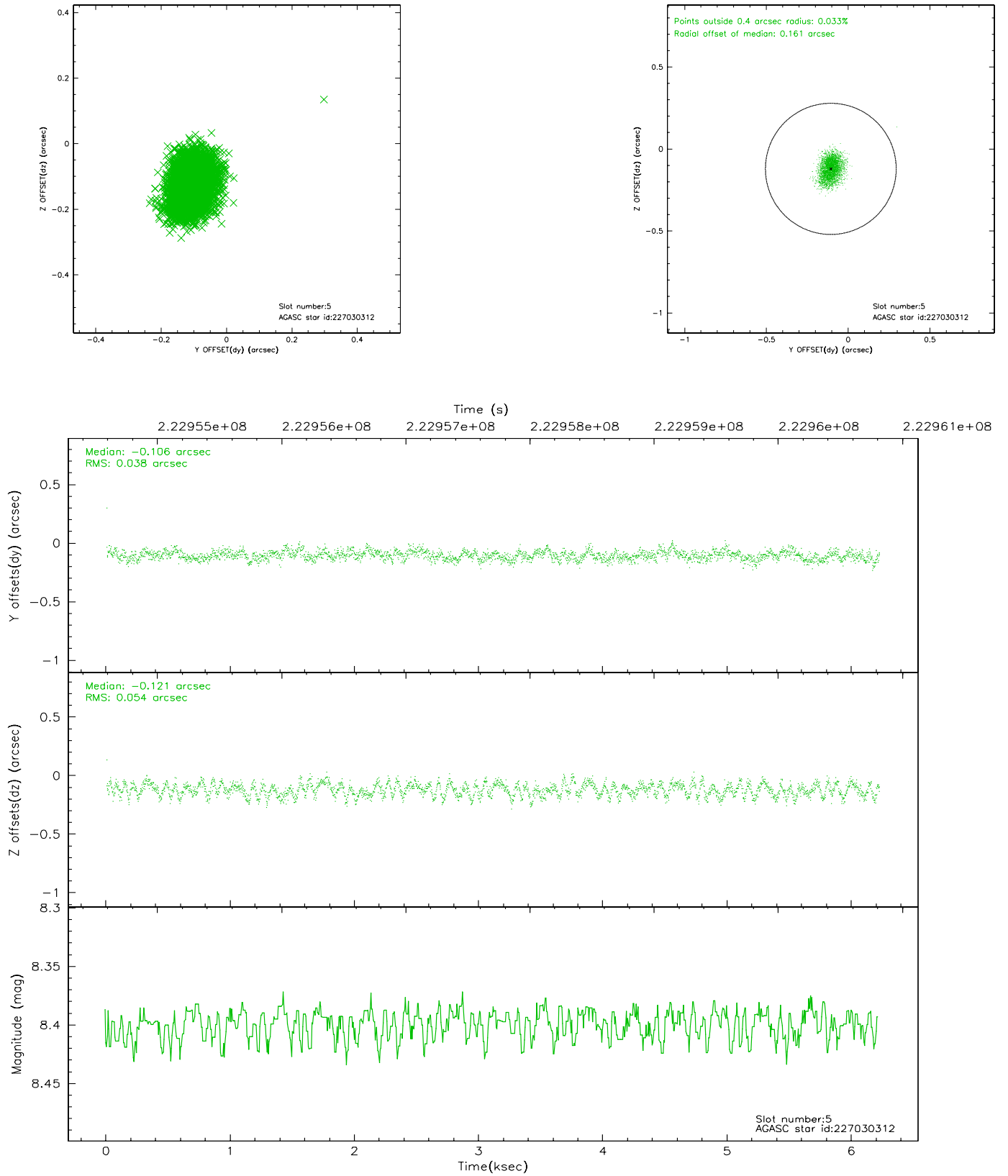
2.4.1 Slot 3



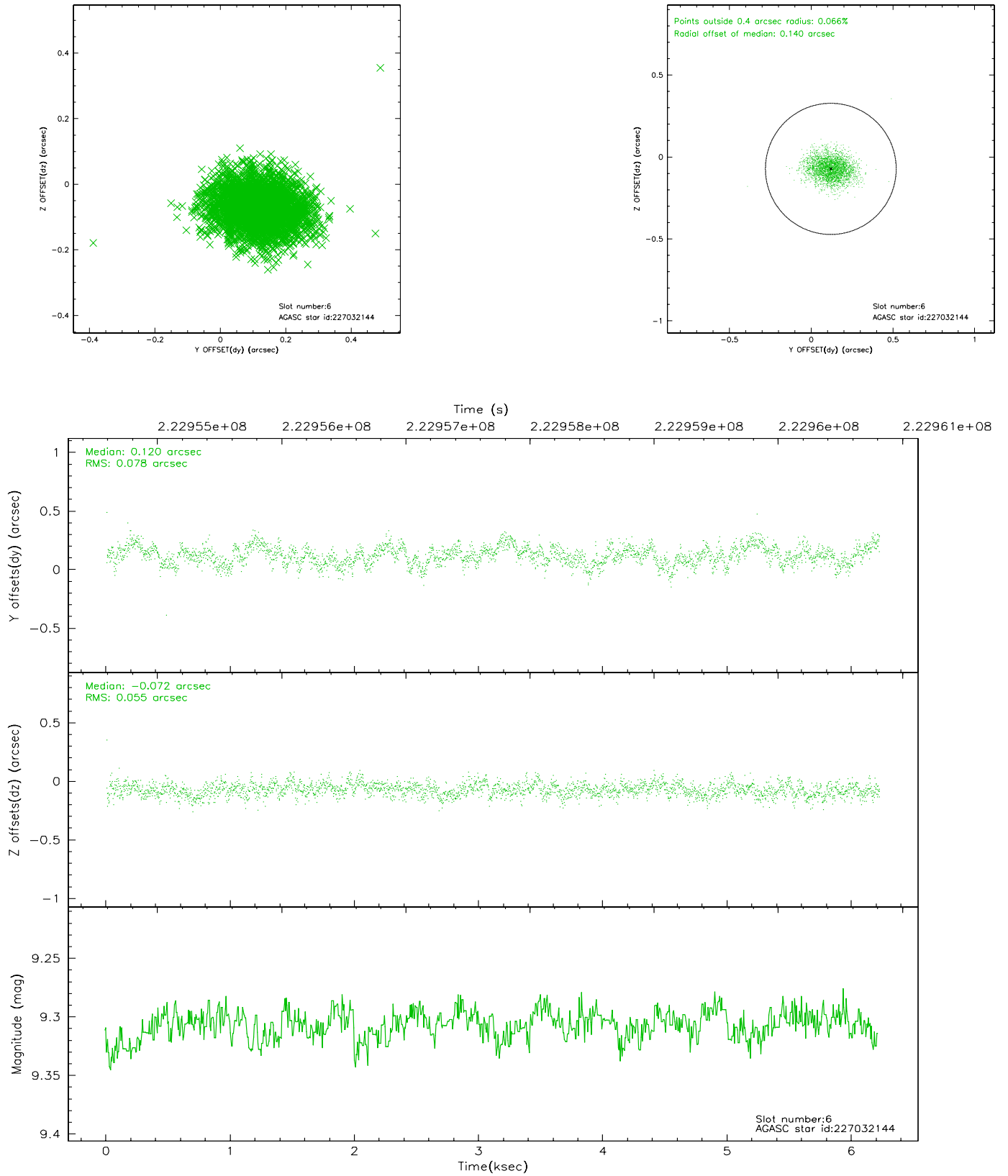
2.4.2 Slot 4



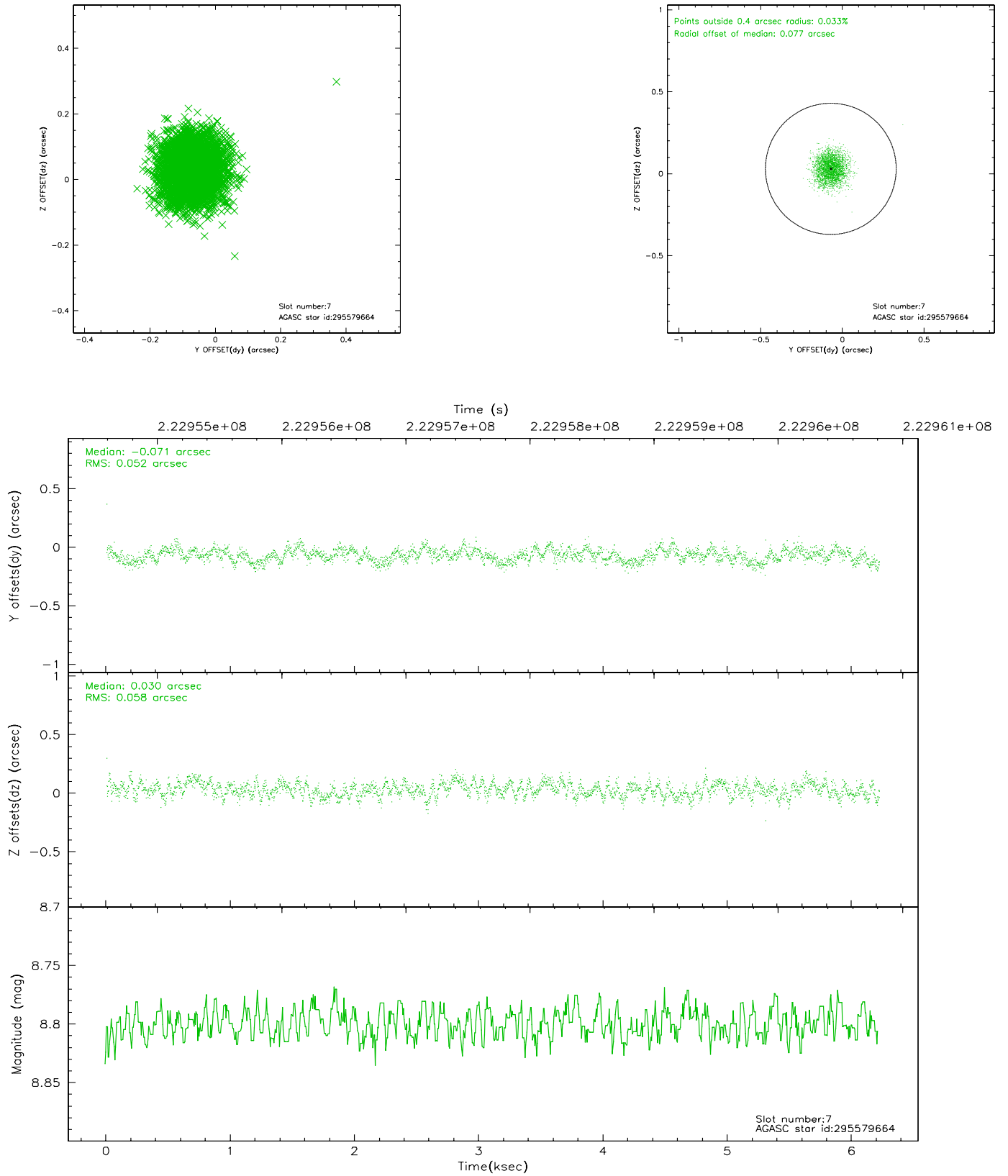
2.4.3 Slot 5



2.4.4 Slot 6

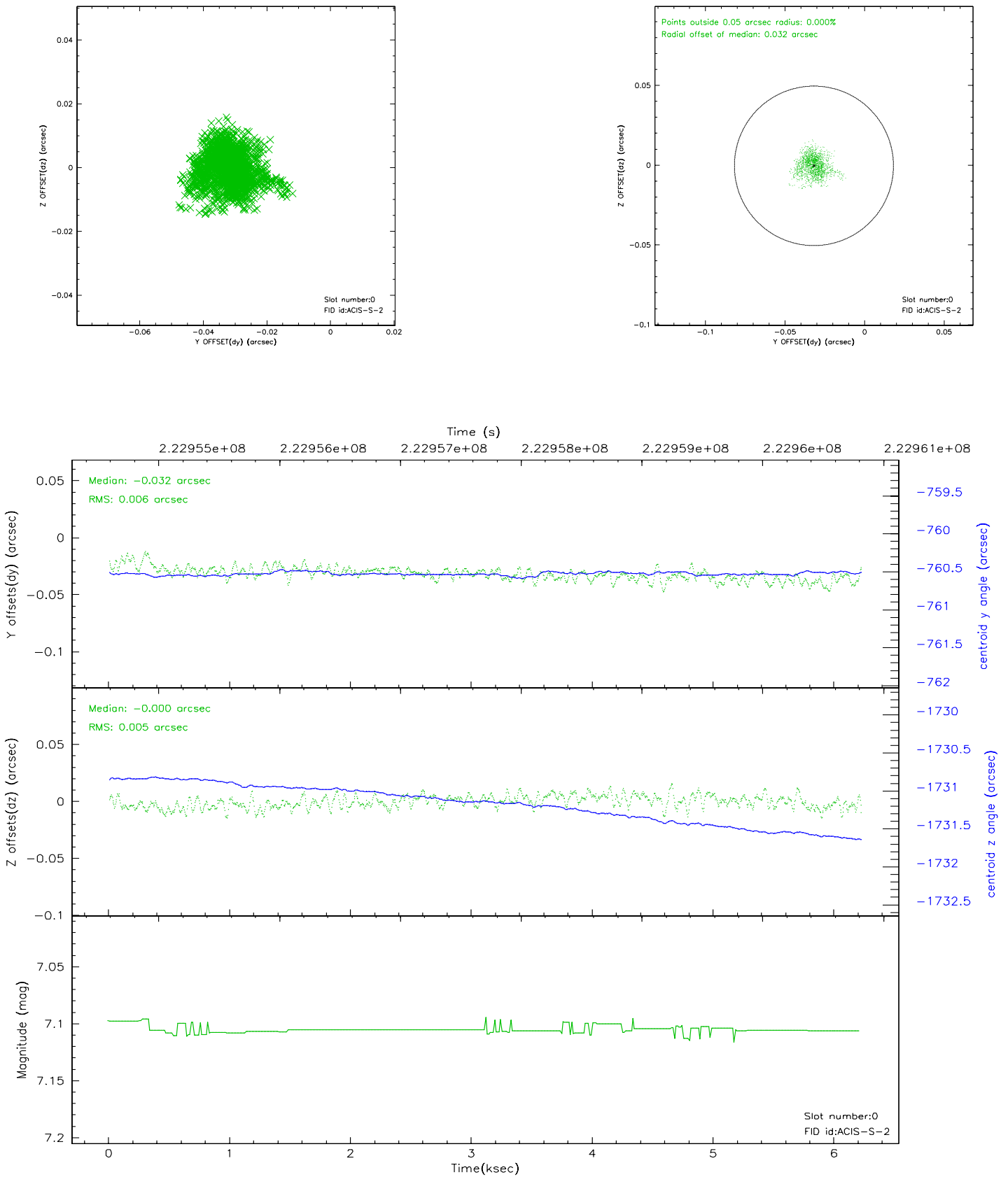


2.4.5 Slot 7

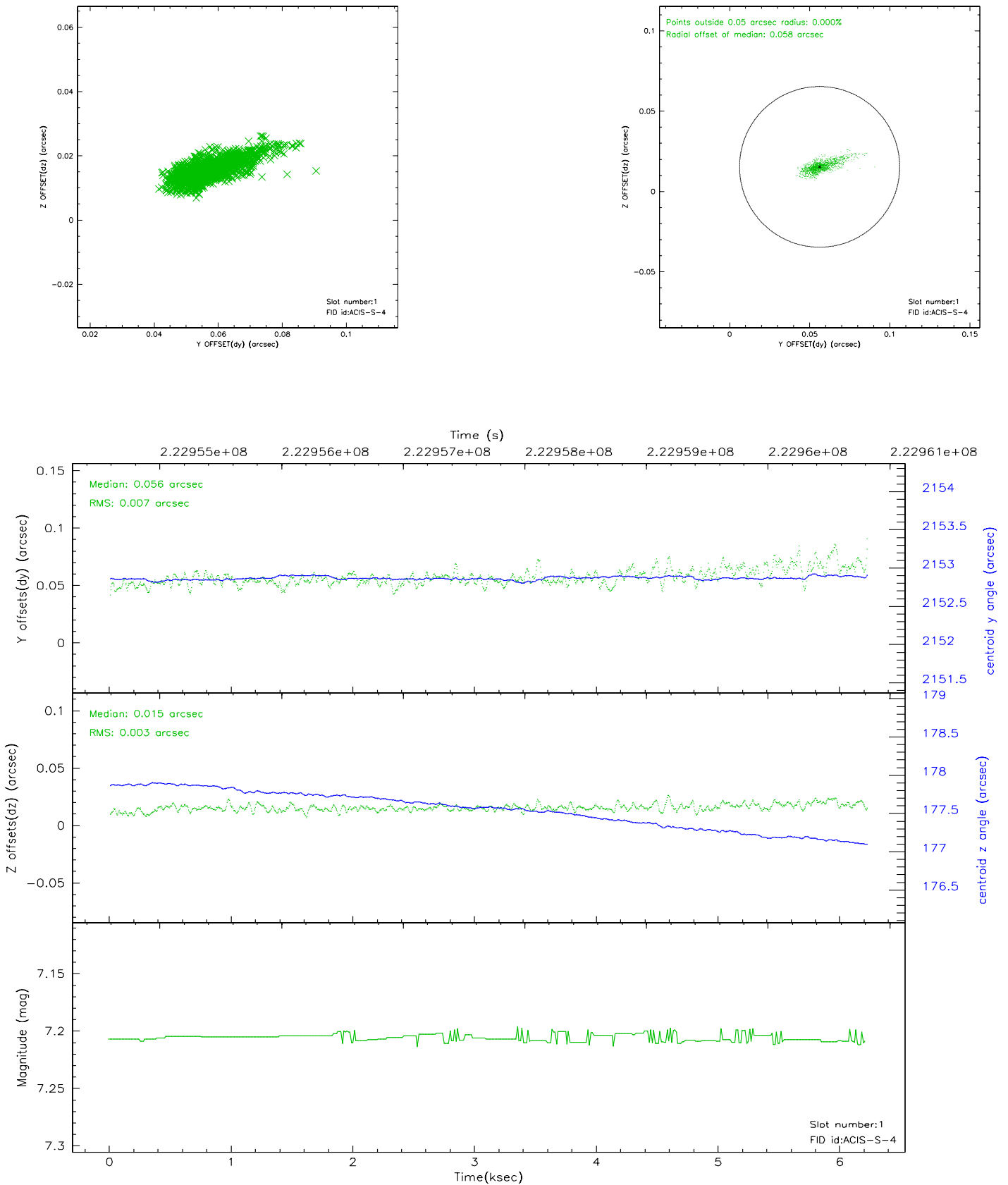


2.5 FID Slots

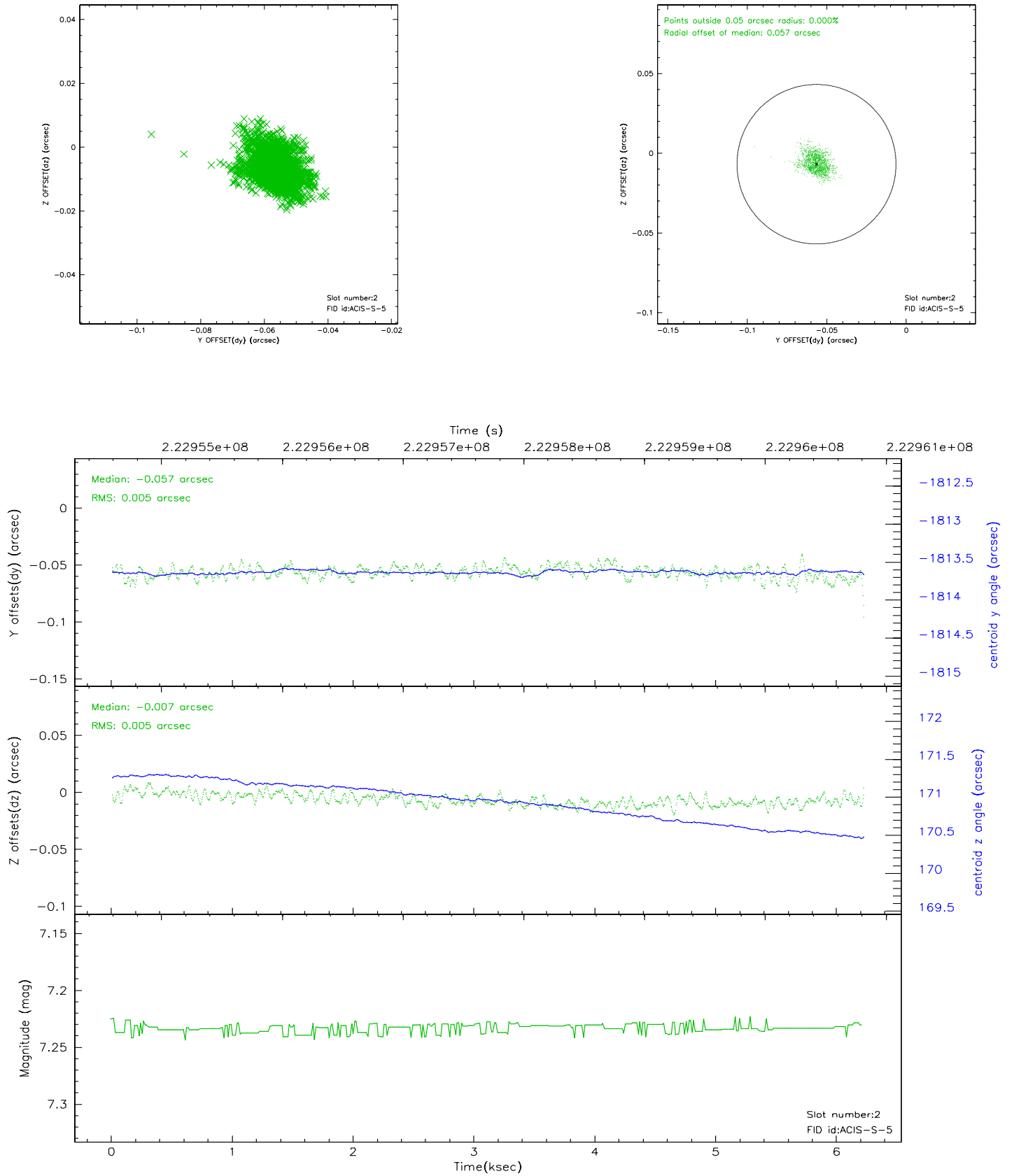
2.5.1 Slot 0



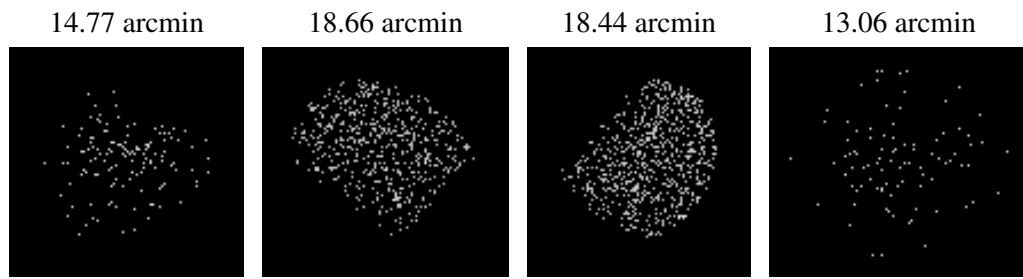
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.02.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.945599

A.2 Comments