

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6166 - L2 Version 003
Chandra X-Ray Center

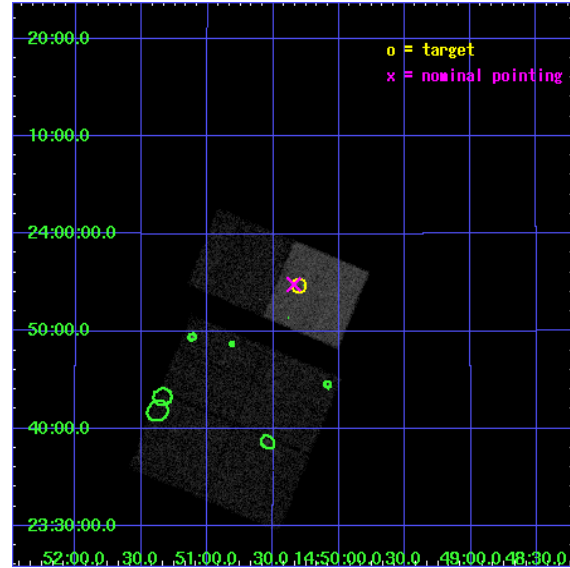
L2 Processing Date : Apr 10 2006

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1 Front

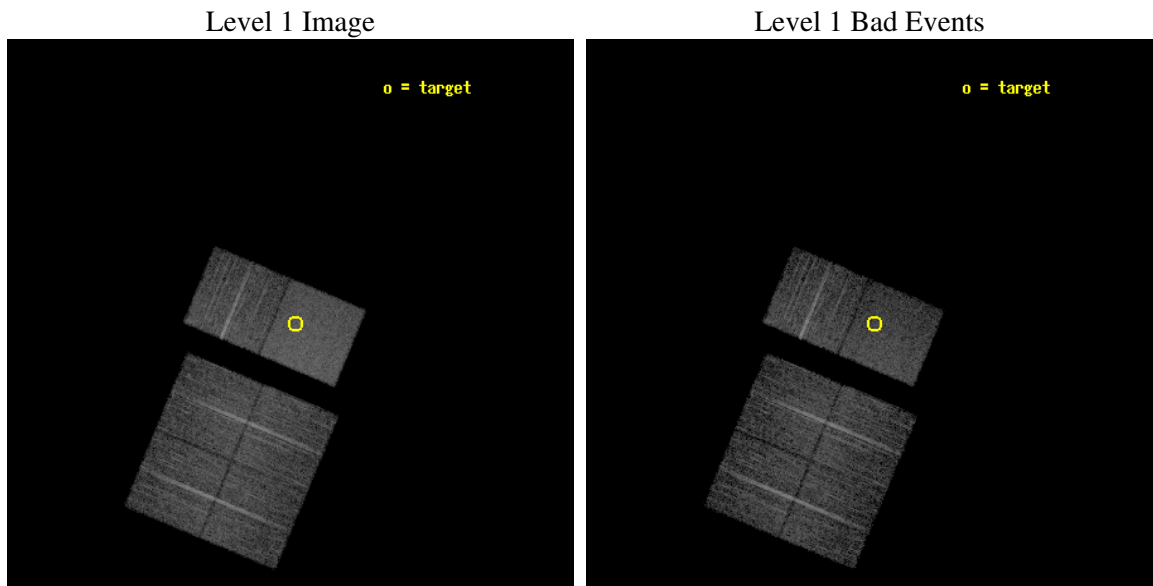
seq_num	200240
obs_id	6166
title	AGE AND TEMPERATURE DEPENDENCE OF X-RAY ACTIVITY AT THE COOL END OF THE MAIN-SEQUENCE
observer	Dr. Beate Stelzer
object	HD 130948 BC
dtcycle	0
cycle	P
ra_targ	222.575417
dec_targ	23.911667
ra_nom	222.58570129764
dec_nom	23.91374426403
roll_nom	22.652412256904
revision	3
ontime	7126.3999734521
livetime	7036.1612059853
ontime0	7126.3999734521
ontime1	7126.3999734521
ontime2	7126.3999734521
ontime3	7126.3999734521
ontime6	7126.3999734521
ontime7	7126.3999734521
l2events	59272



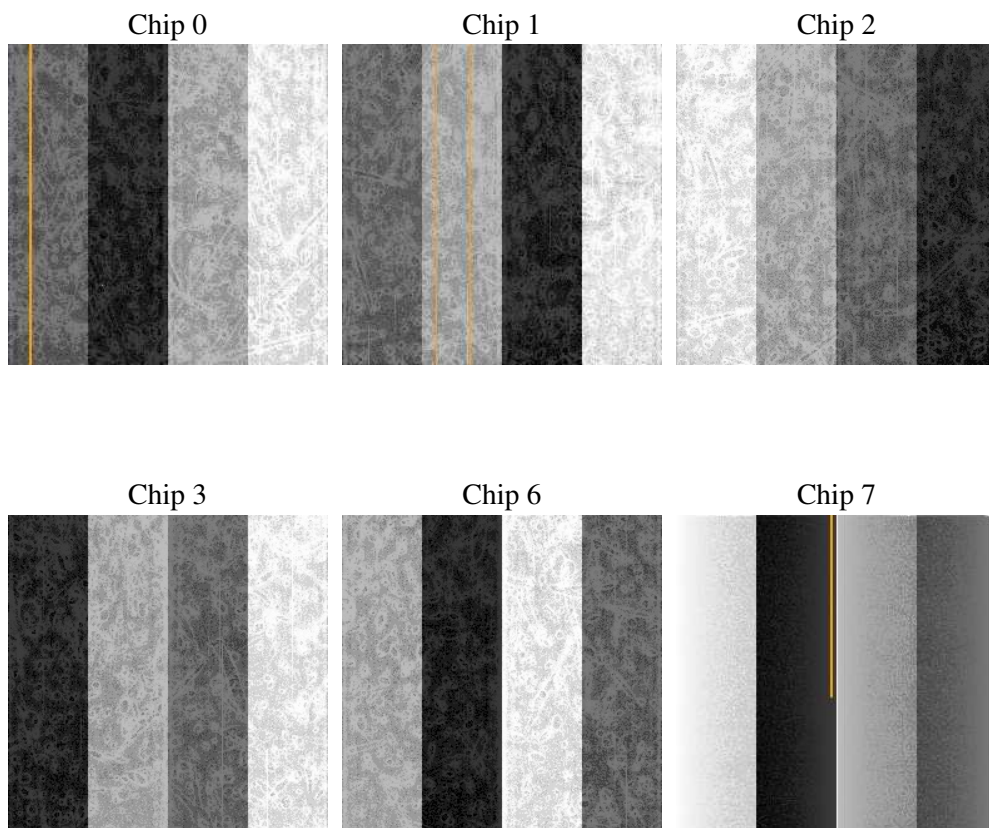
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-10T19:25:44
revision	3

sched_exp_time	6985.113000
ontime	7337.6235299706
ontime0	7337.6235100627
ontime1	7340.8645201921
ontime2	7340.8645201921
ontime3	7340.8645201921
ontime6	7340.8645201921
ontime7	7337.6235299706
l1events	359288

2.1.4 Events

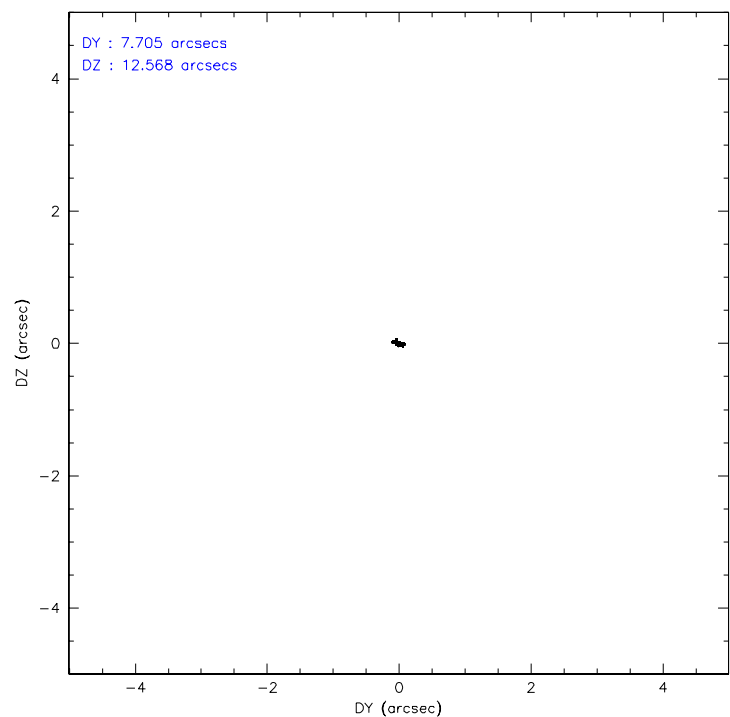
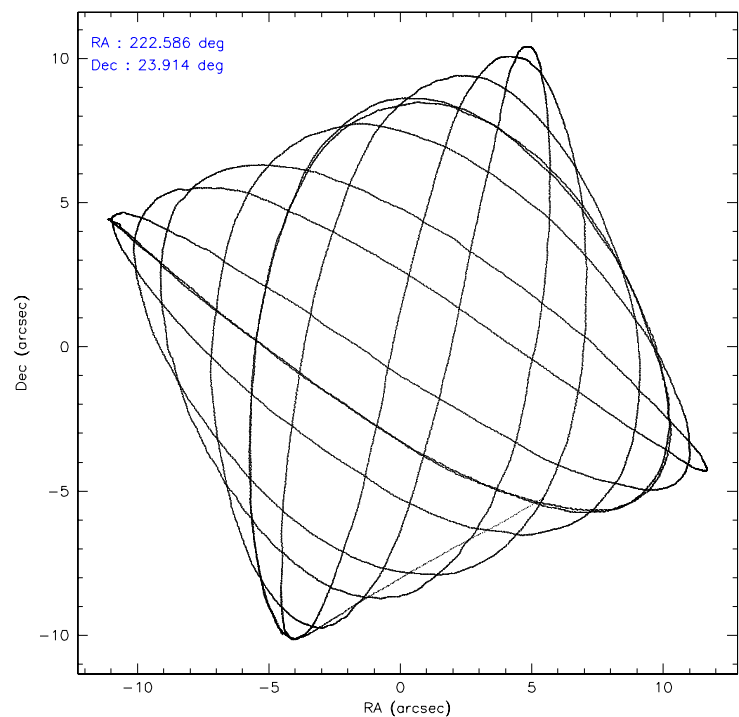
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	54064	51926	56338	57414	59596	79950
rejected events	47283	45083	49513	50821	52857	48991
rejected %	87%	86%	87%	88%	88%	61%

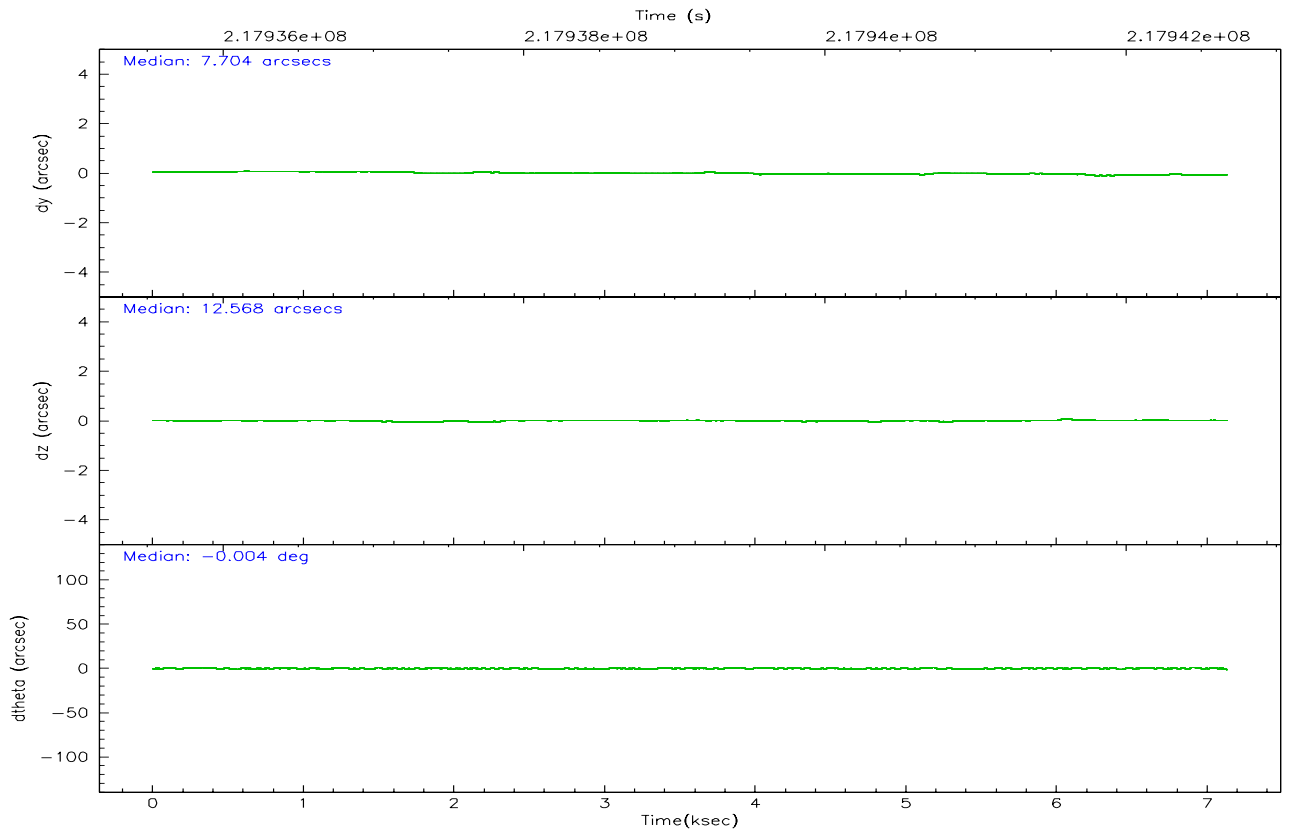
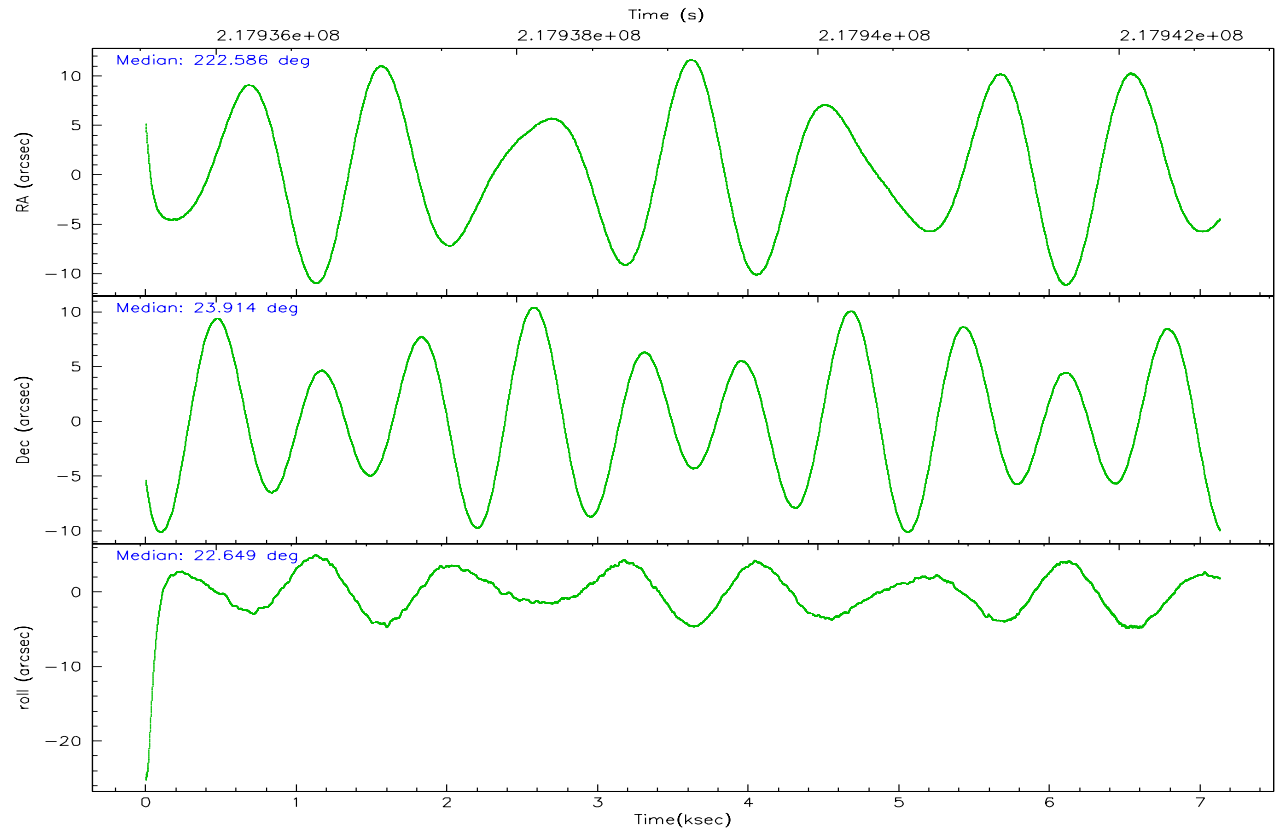
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	2903	2750	3150	3009	2820	2295
	5%	5%	5%	5%	4%	2%
grade 1 events	43	27	34	53	30	77
	0%	0%	0%	0%	0%	0%
grade 2 events	1526	1554	1431	1203	1468	7858
	2%	2%	2%	2%	2%	9%
grade 3 events	684	709	657	704	695	1700
	1%	1%	1%	1%	1%	2%
grade 4 events	632	688	700	678	626	1600
	1%	1%	1%	1%	1%	2%
grade 5 events	2330	2349	2118	2557	2671	5196
	4%	4%	3%	4%	4%	6%
grade 6 events	1238	1330	1084	1203	1358	18441
	2%	2%	1%	2%	2%	23%
grade 7 events	44708	42519	47164	48007	49928	42783
	82%	81%	83%	83%	83%	53%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	222.568003	222.5857012976409	Alternating exposures requested	N	N
Pointing Dec	23.891896	23.91374426403033	Primary exposure time	0.000000	3.2
Pointing Roll	22.502999	22.65241225690394			
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	217935684.184000	217934527.48991			
Observation start date	2004-11-27T09:40:20	2004-11-27T09:22:07			
Observation end time	217942669.184000	217942888.92779			
Observation end date	2004-11-27T11:36:45	2004-11-27T11:41:28			
Read mode	TIMED	TIMED			

2.3 Aspect



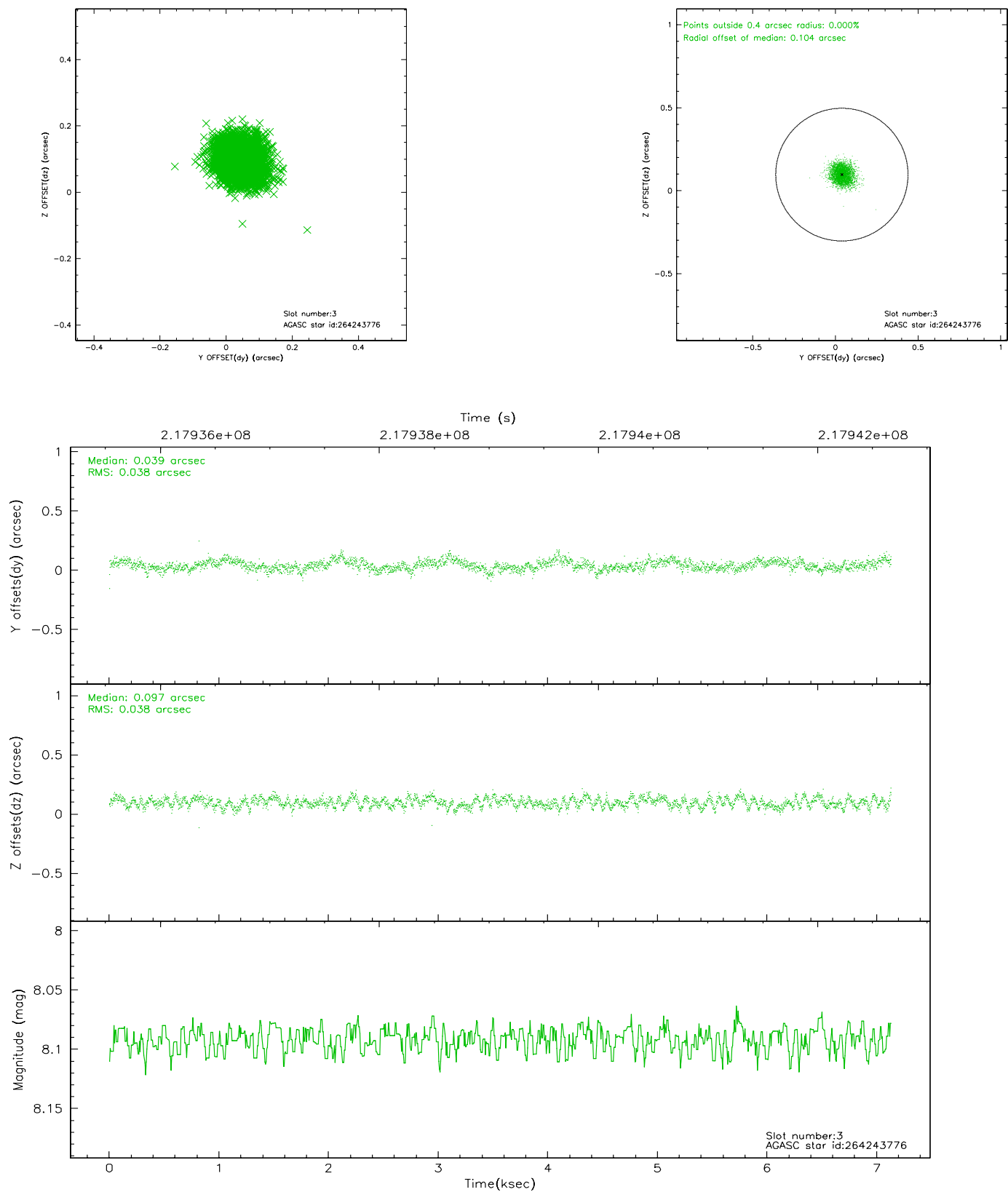


Slot Statistics

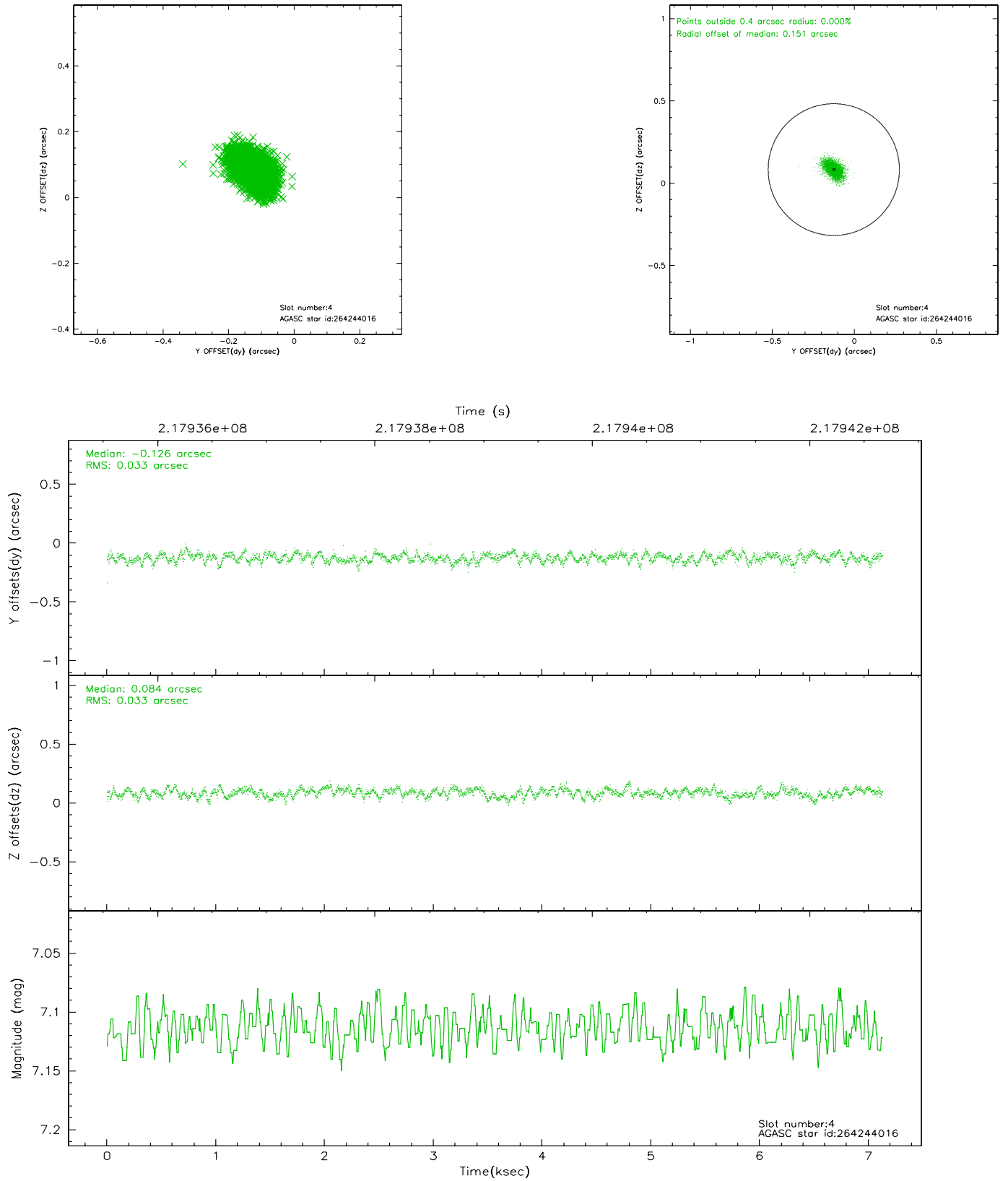
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1740	0.002	-0.017	0.007	0.011	0.000000	0.000000	-760.48	-1733.89
1	FID	ACIS-S-4	7.19	1740	0.032	0.004	0.005	0.009	0.000000	0.000000	2152.47	173.75
2	FID	ACIS-S-5	7.23	1740	-0.065	0.022	0.007	0.012	0.000000	0.000000	-1812.34	168.39
3	GUIDE	264243776	8.09	3480	0.039	0.097	0.057	0.092	222.025139	23.495408	-2200.51	-629.46
4	GUIDE	264244016	7.11	3480	-0.126	0.084	0.049	0.081	223.121774	23.801362	1561.30	-995.64
5	GUIDE	264247808	8.87	3480	0.057	0.026	0.068	0.108	222.238250	23.559393	-1462.14	-688.49
6	GUIDE	264247840	7.09	3479	-0.033	-0.187	0.045	0.074	221.913453	24.097555	-1702.36	1511.79
7	GUIDE	264244712	8.90	3479	0.059	-0.020	0.064	0.105	222.948863	24.755978	2341.27	2399.78

2.4 Star Slots

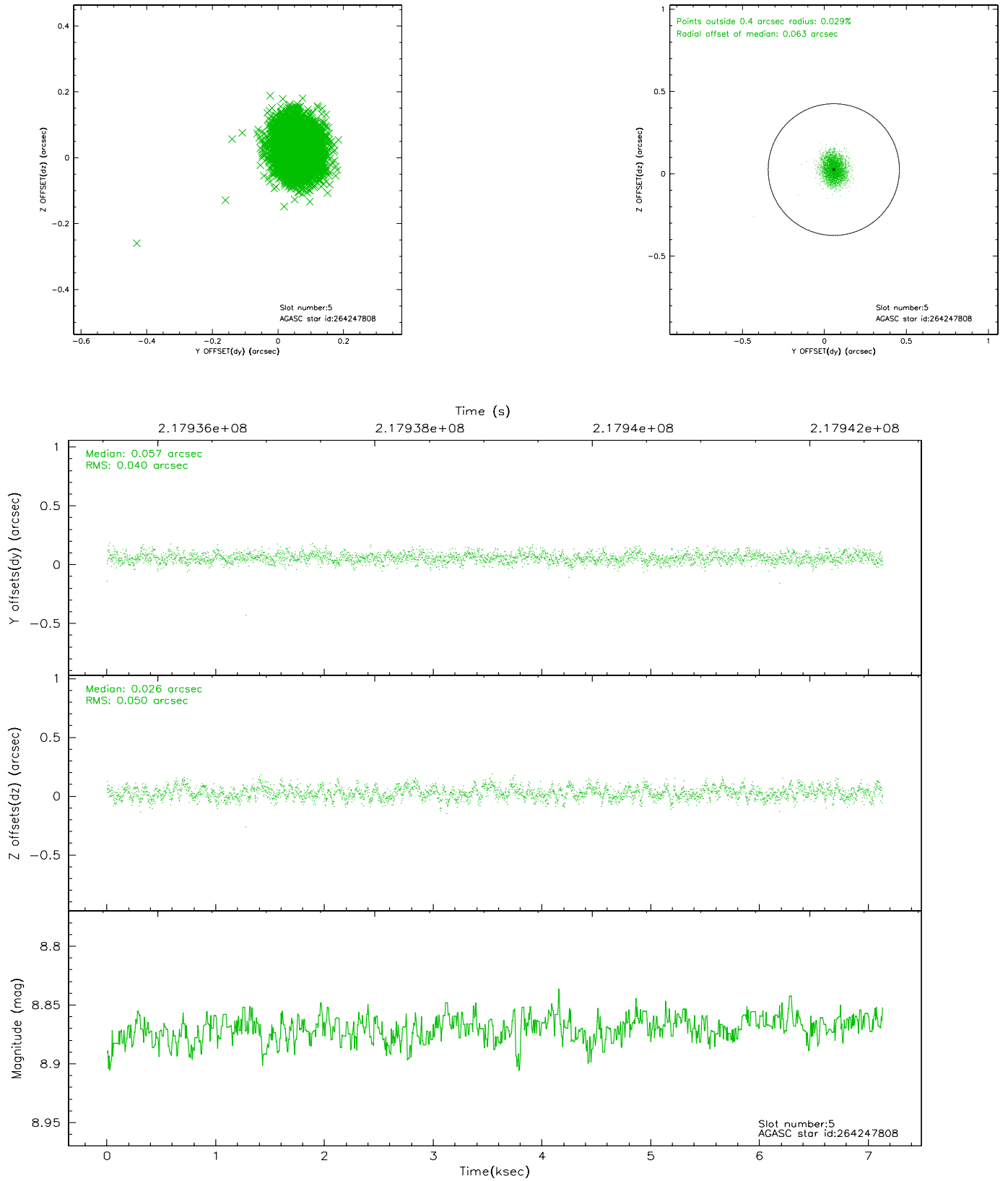
2.4.1 Slot 3



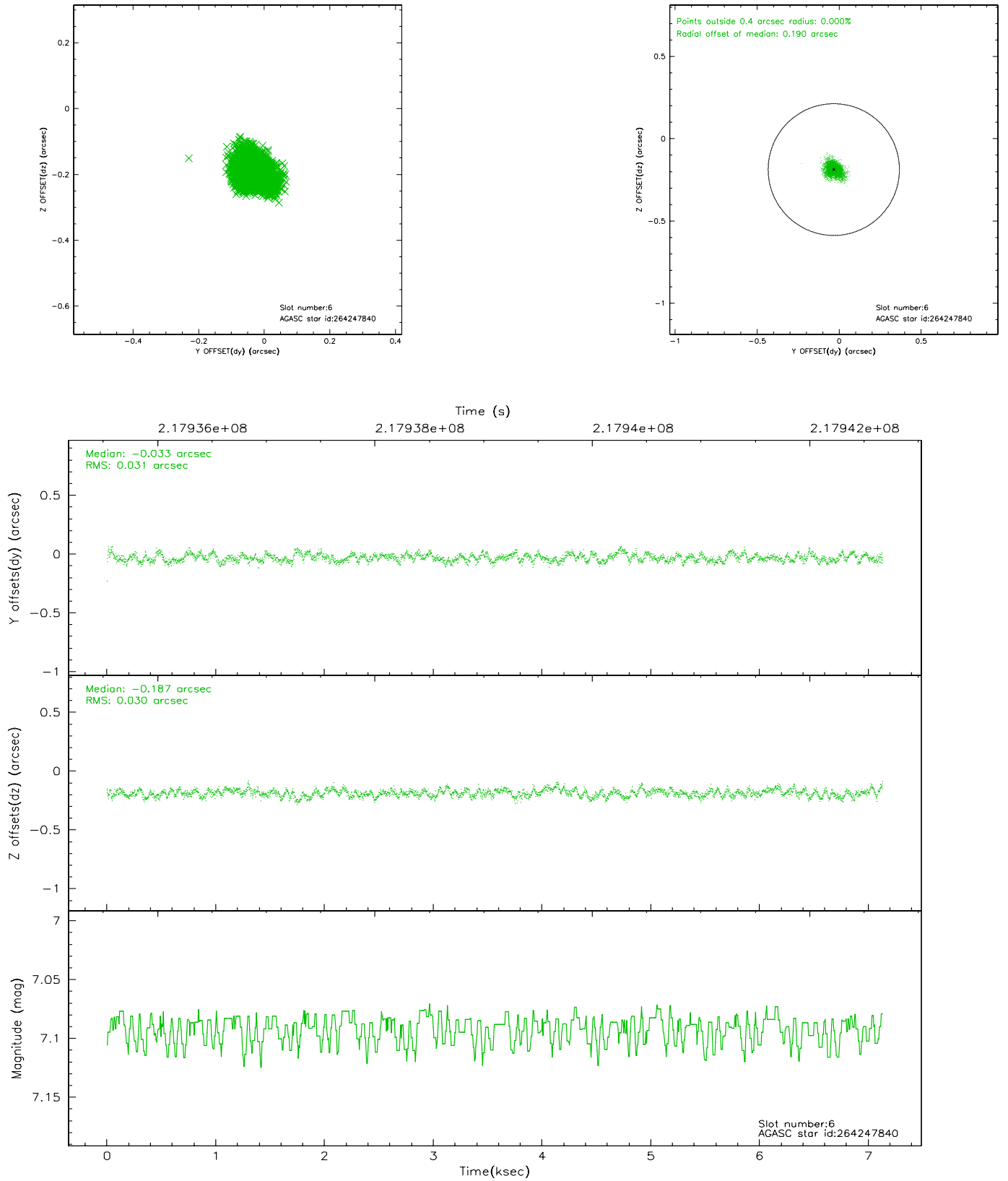
2.4.2 Slot 4



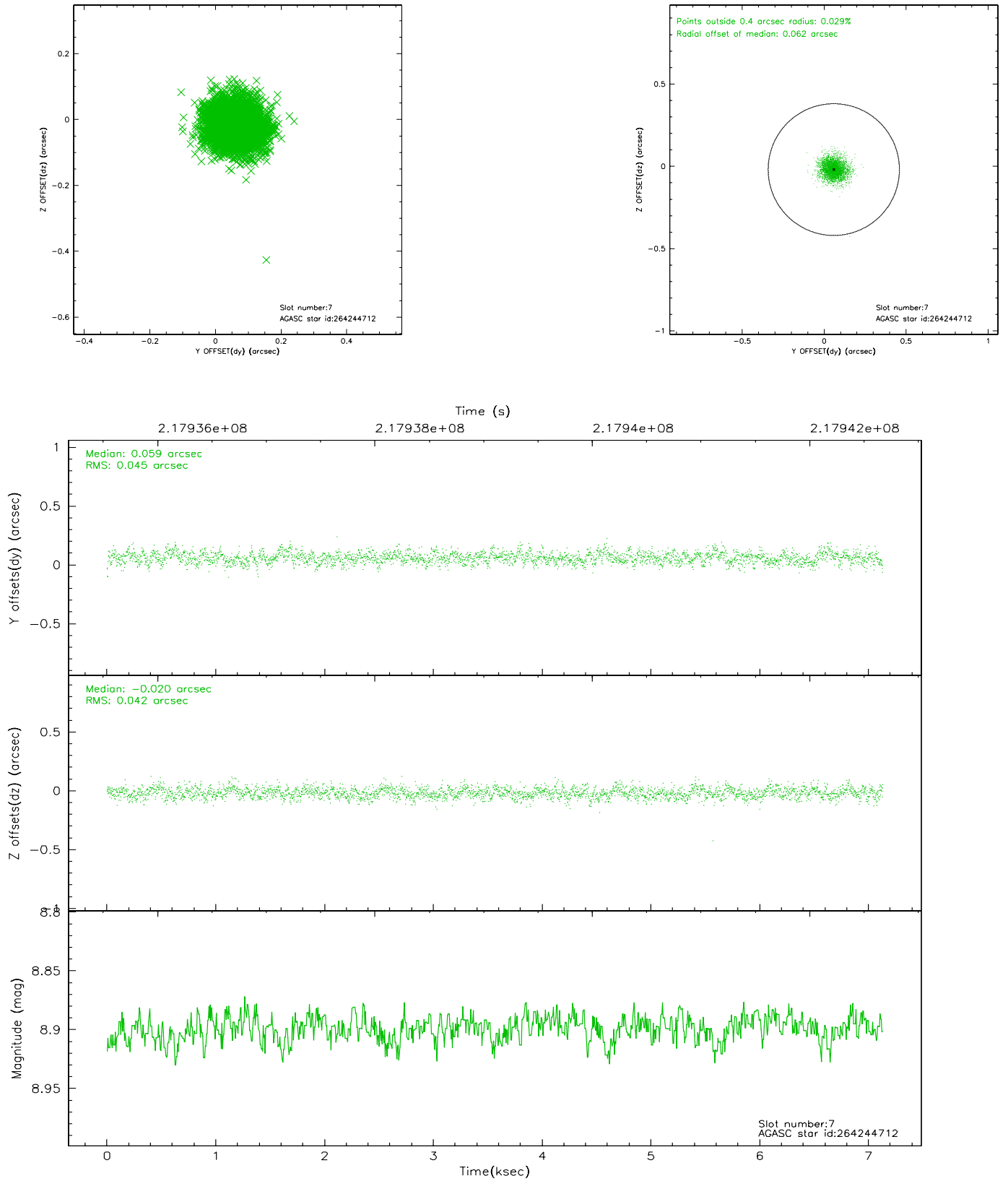
2.4.3 Slot 5



2.4.4 Slot 6

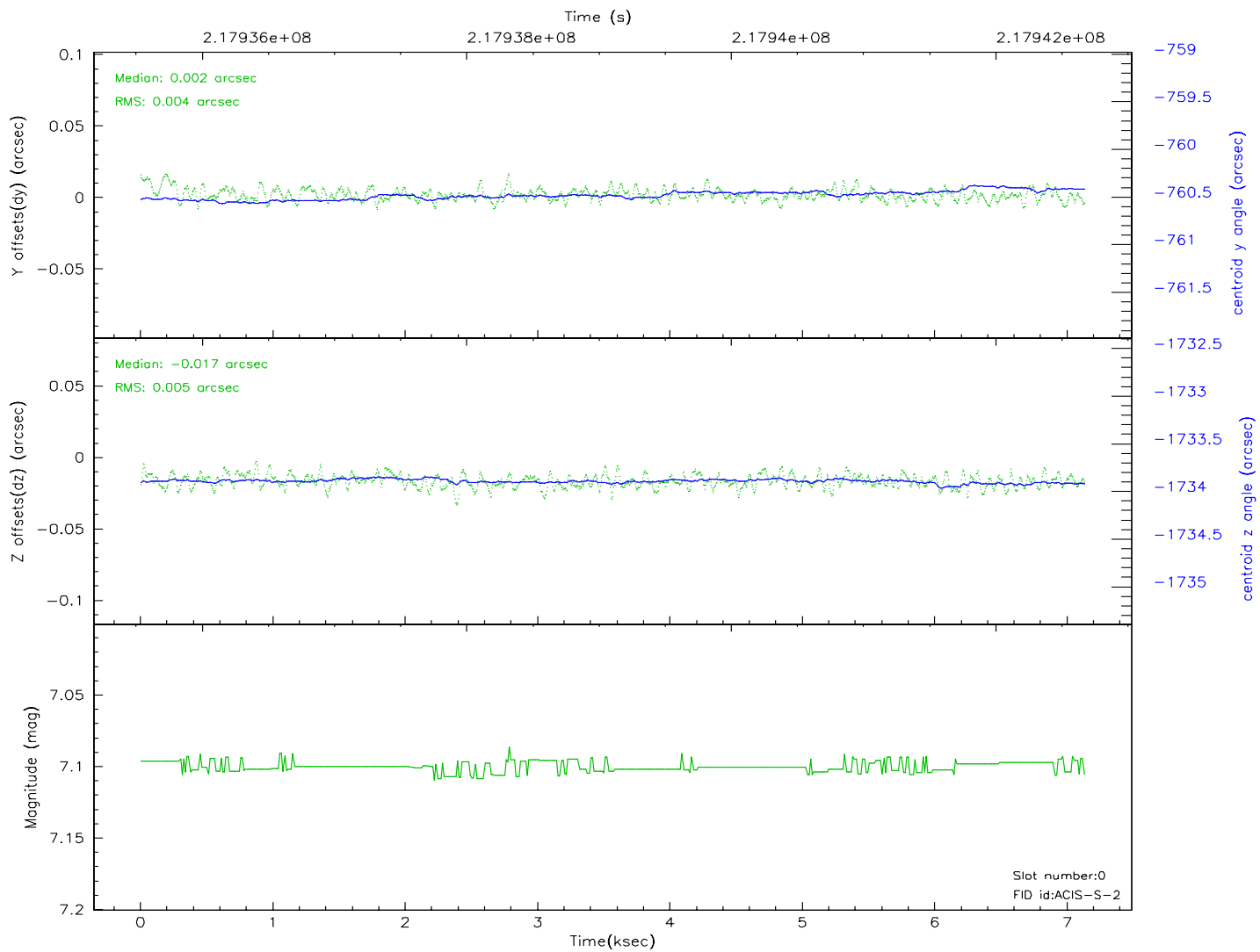
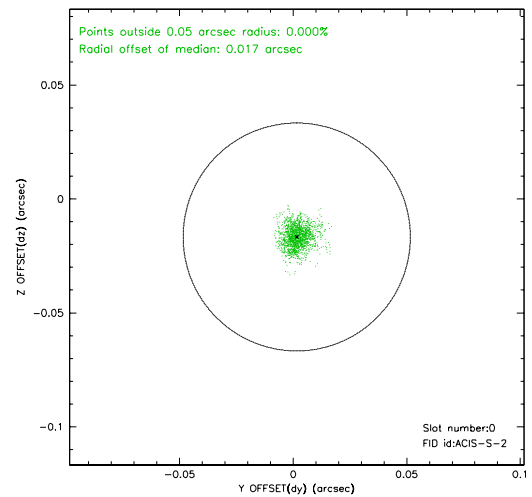
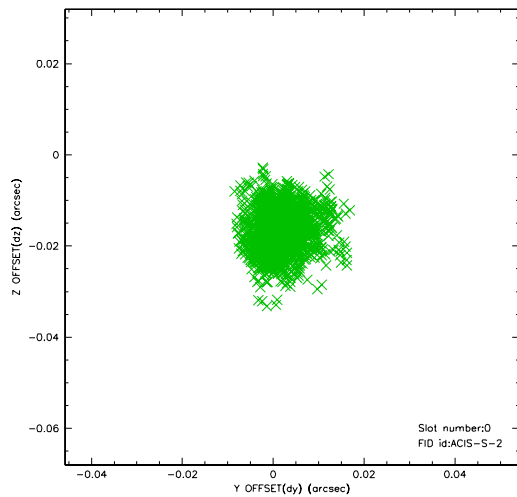


2.4.5 Slot 7

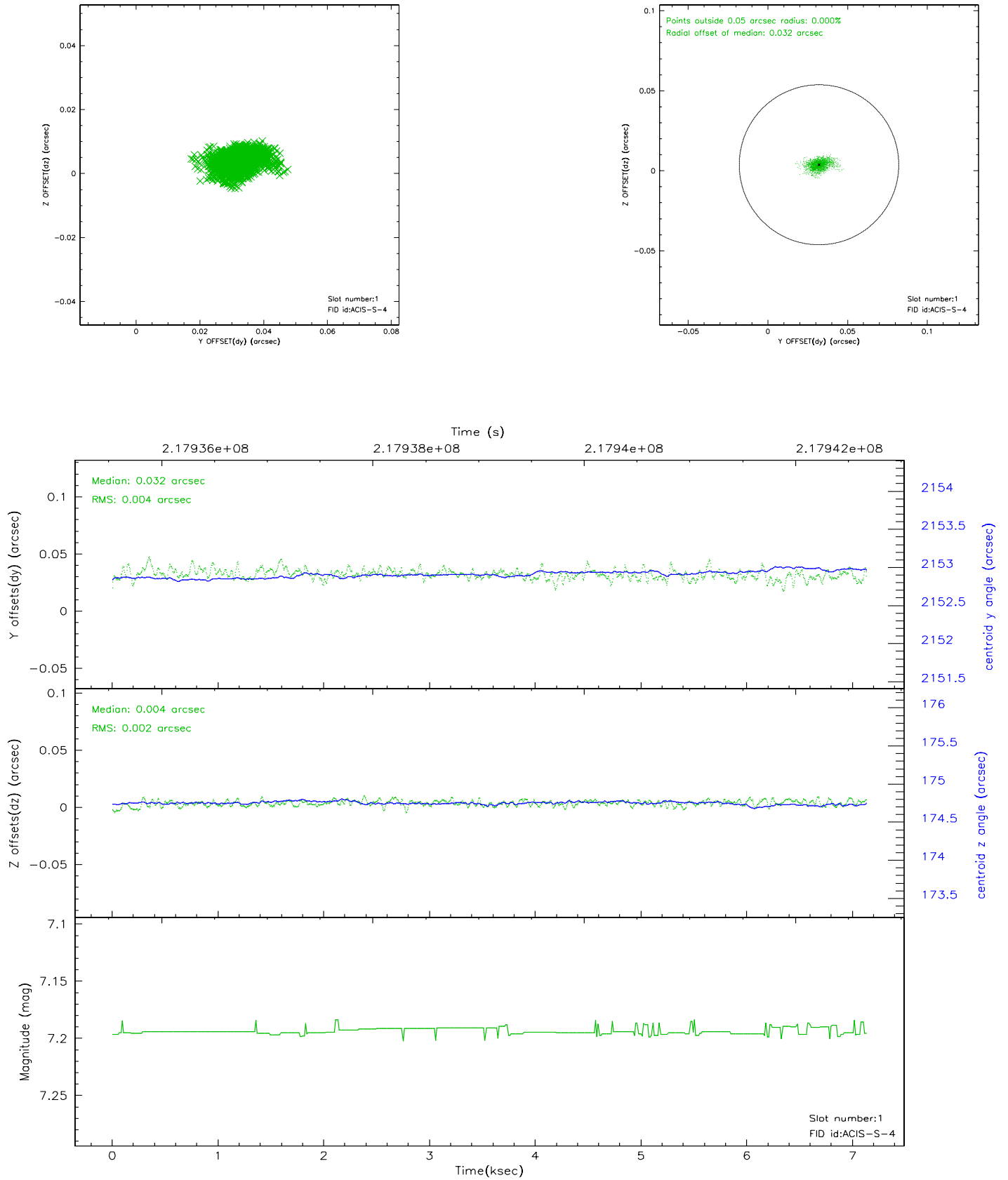


2.5 FID Slots

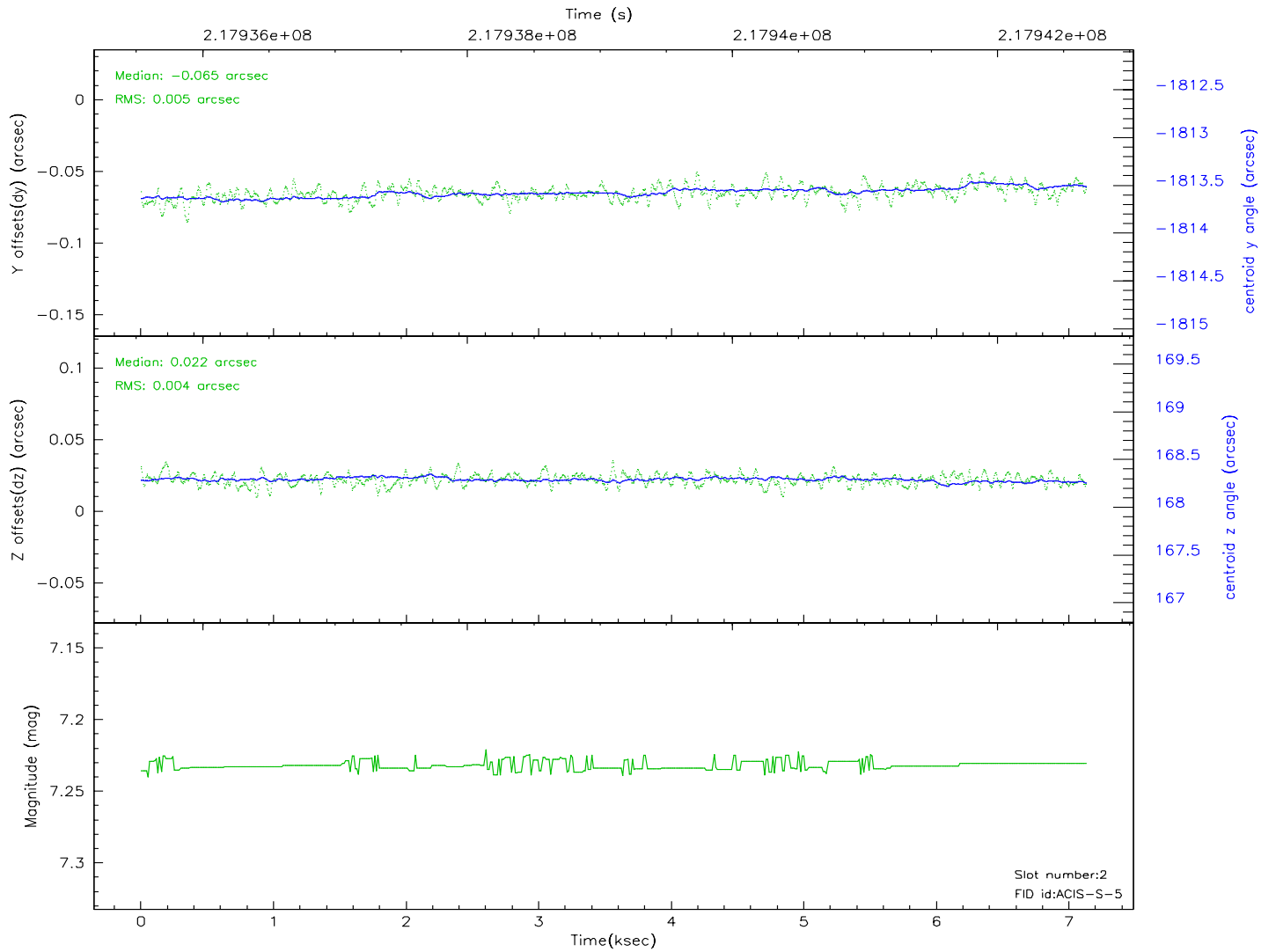
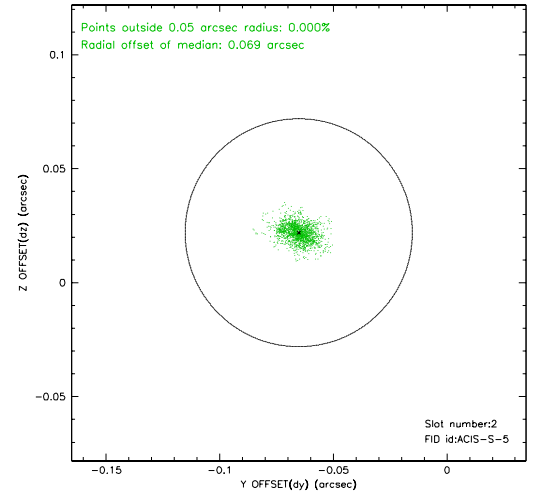
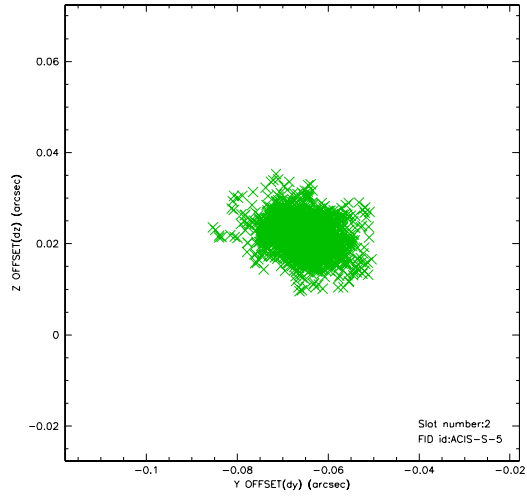
2.5.1 Slot 0



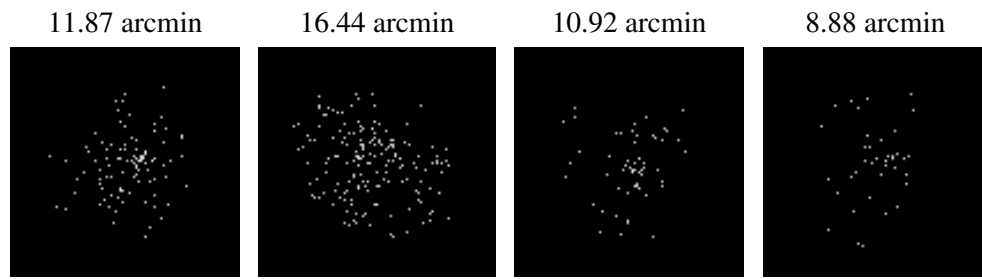
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.04.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.129599

A.2 Comments