

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 5194 - L2 Version 001
Chandra X-Ray Center

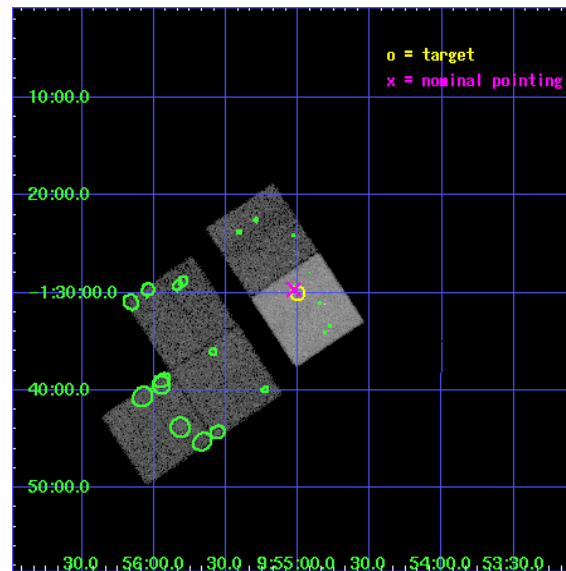
L2 Processing Date : Jun 8 2006

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1 Front

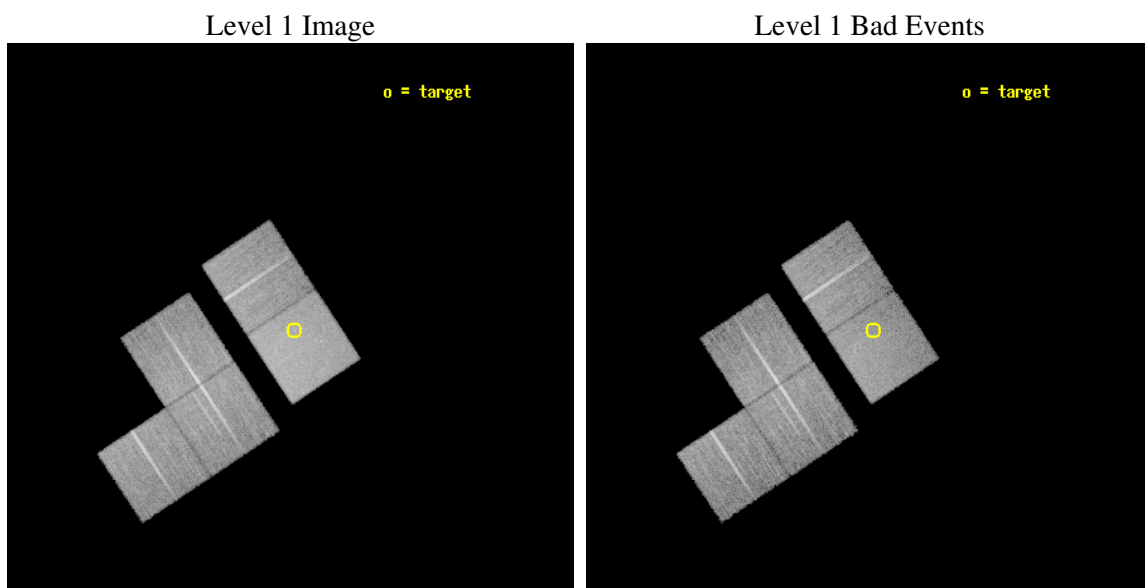
seq_num	701008
obs_id	5194
title	Alternate - A STUDY OF QUASAR EVOLUTION WITH THE AID OF LENSING
observer	Professor Gordon Garmire
object	BRI0952-0115
dtcycle	0
cycle	P
ra_targ	148.750417
dec_targ	-1.501389
ra_nom	148.75709761598
dec_nom	-1.4943793429318
roll_nom	56.453749512261
revision	2
ontime	20106.59996134
livetime	19843.892430582
ontime1	20103.458981127
ontime2	20100.318000793
ontime3	20106.59996134
ontime6	20106.59996134
ontime7	20106.59996134
l2events	111002



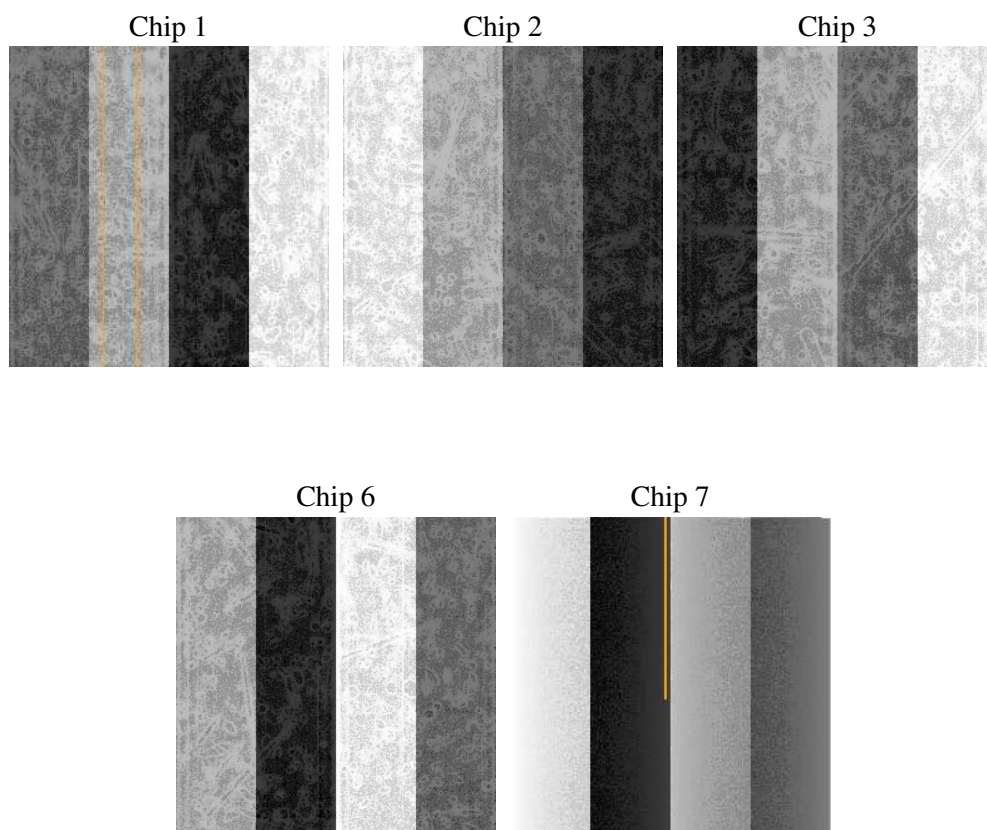
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-06-08T08:19:28
revision	2

sched_exp_time	20000.000000
ontime	20111.890275747
ontime1	20111.890295714
ontime2	20105.608295262
ontime3	20111.890255809
ontime6	20111.890255809
ontime7	20111.890275747
l1events	619073

2.1.4 Events

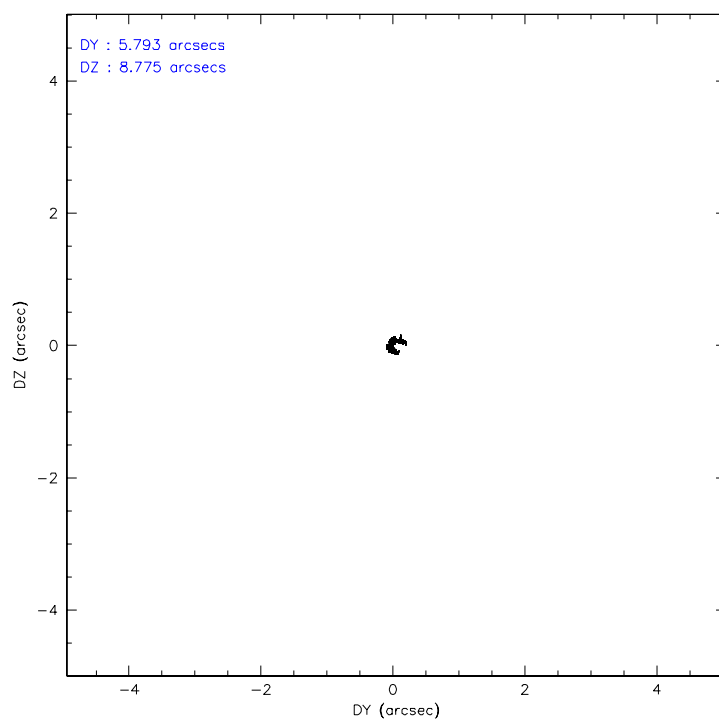
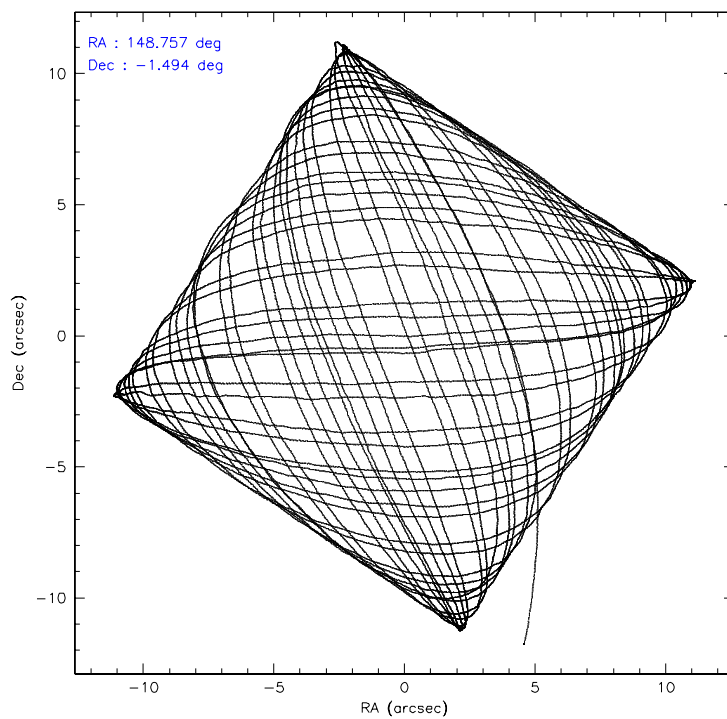
	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	108122	114574	114662	119369	162346
rejected events	92794	100616	100586	104482	100604
rejected %	85%	87%	87%	87%	61%

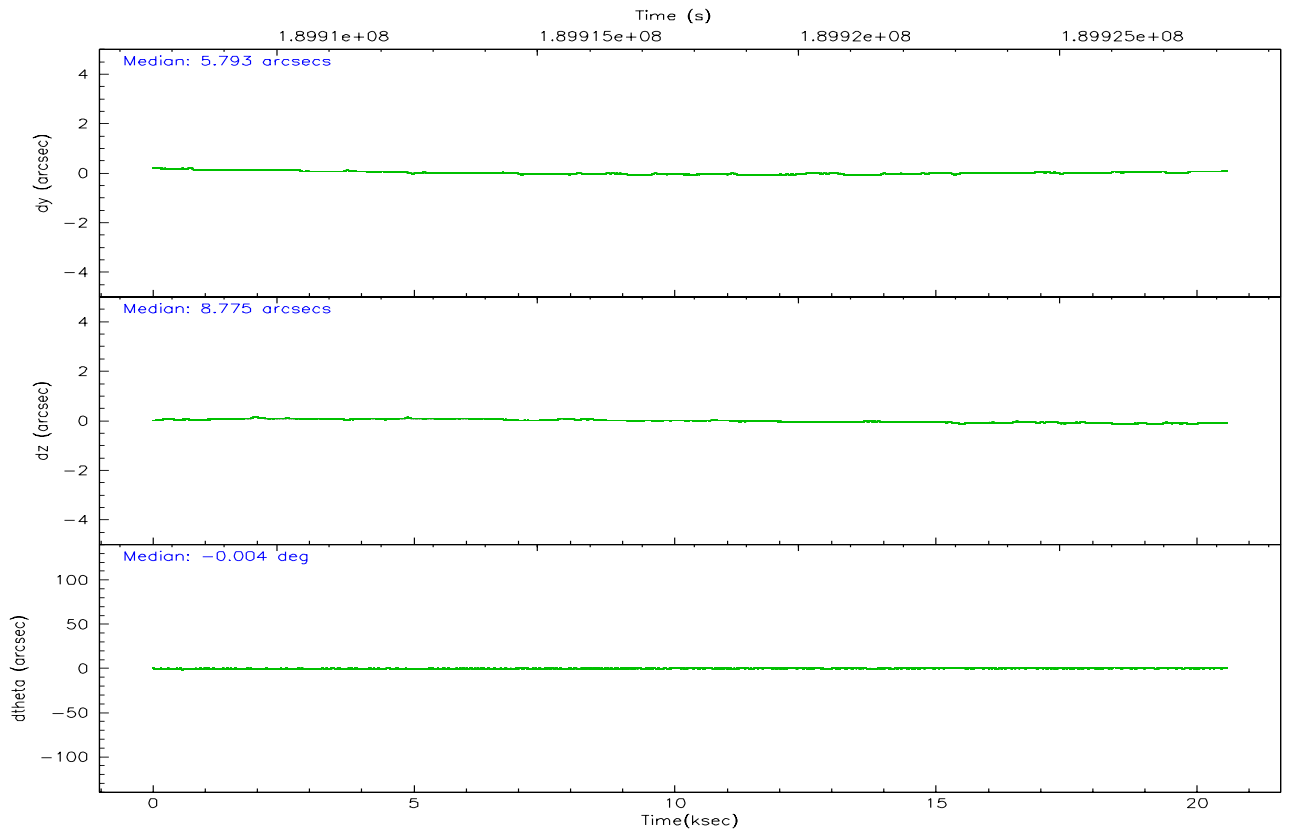
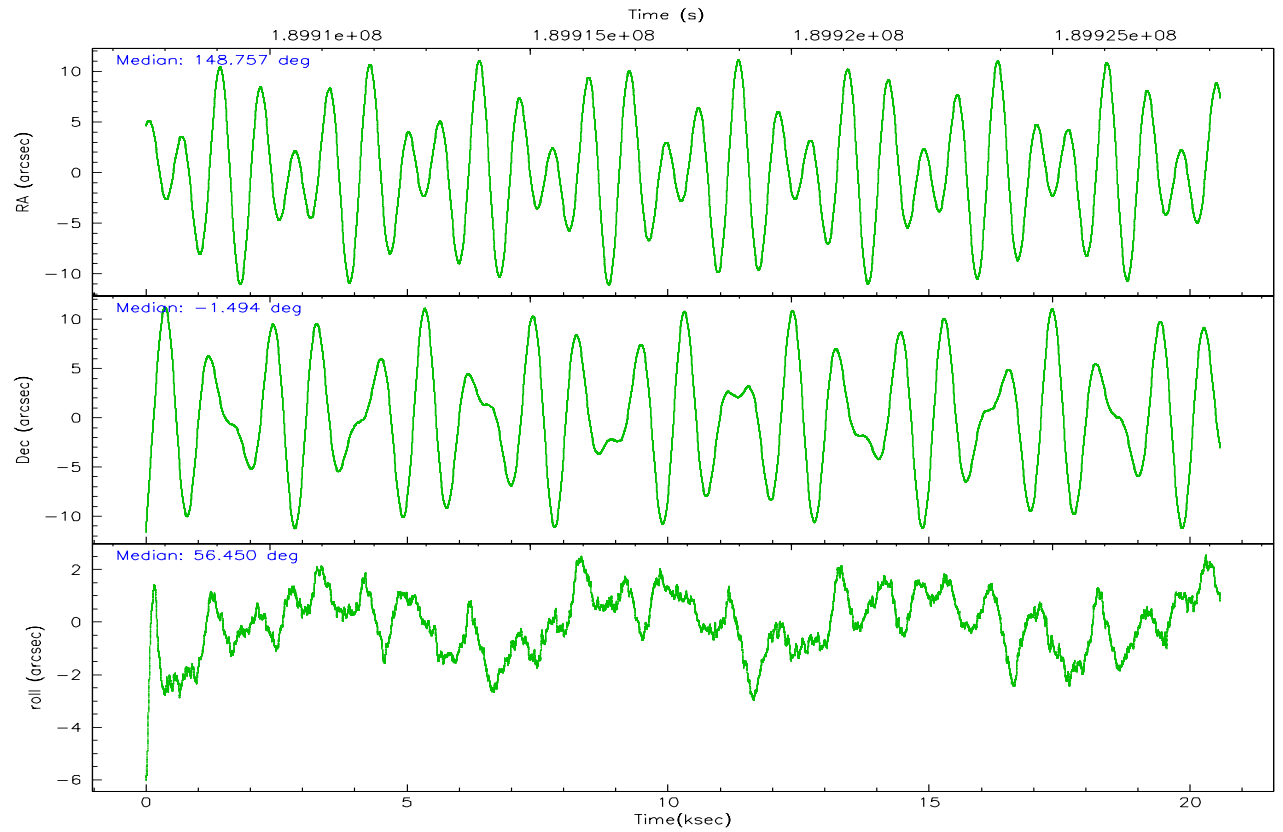
	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	6059	6314	6016	6003	3639
	5%	5%	5%	5%	2%
grade 1 events	49	63	67	52	96
	0%	0%	0%	0%	0%
grade 2 events	3314	2695	2741	3082	15307
	3%	2%	2%	2%	9%
grade 3 events	1471	1378	1428	1399	3206
	1%	1%	1%	1%	1%
grade 4 events	1469	1319	1366	1347	3091
	1%	1%	1%	1%	1%
grade 5 events	4999	4597	5429	5510	10635
	4%	4%	4%	4%	6%
grade 6 events	3023	2256	2527	3059	36524
	2%	1%	2%	2%	22%
grade 7 events	87738	95952	95088	98917	89848
	81%	83%	82%	82%	55%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-12367	ACIS-12367	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	148.755778	148.7570976159763	Alternating exposures requested	N	N
Pointing Dec	-1.521595	-1.494379342931831	Primary exposure time	0.000000	3.1
Pointing Roll	56.297088	56.45374951226064			
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	189908206.184000	189907050.78676			
Observation start date	2004-01-08T00:15:42	2004-01-07T23:57:30			
Observation end time	189928206.184000	189928755.67521			
Observation end date	2004-01-08T05:49:02	2004-01-08T05:59:15			
Read mode	TIMED	TIMED			

2.3 Aspect



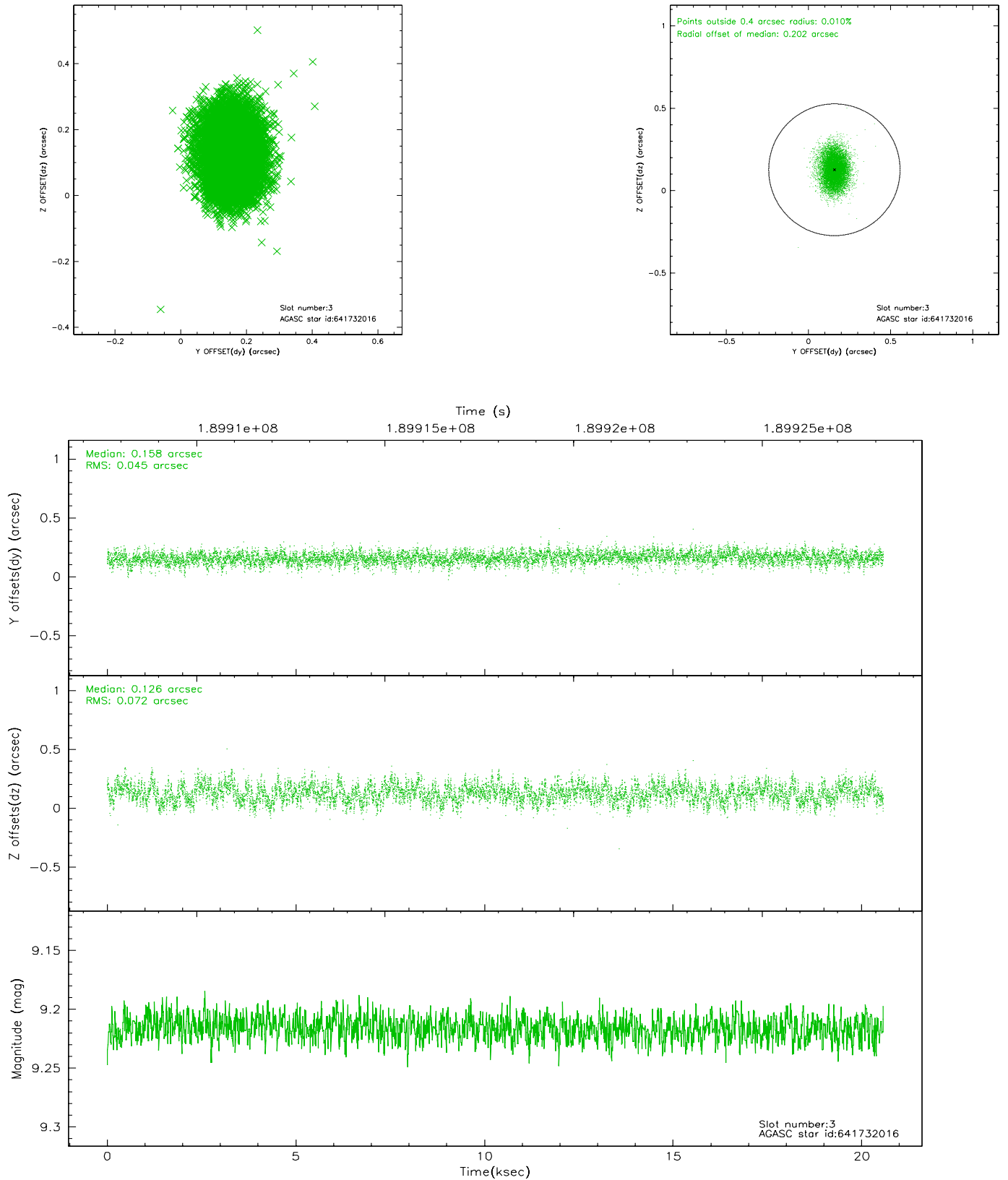


Slot Statistics

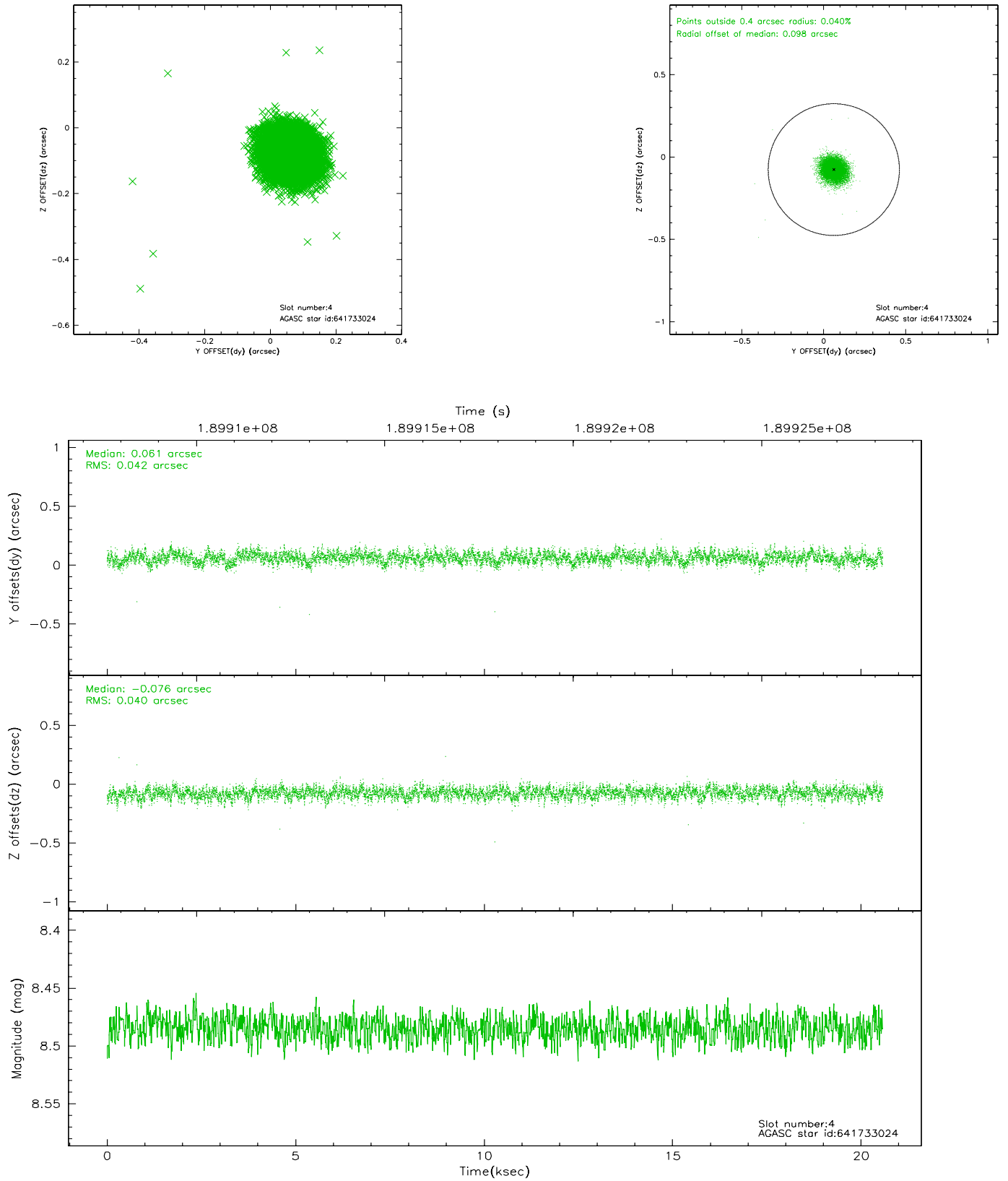
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	5018	-0.029	-0.018	0.007	0.011	0.000000	0.000000	-758.57	-1730.00
1	FID	ACIS-S-4	7.21	5018	0.034	0.019	0.005	0.009	0.000000	0.000000	2154.70	178.32
2	FID	ACIS-S-5	7.22	5018	-0.035	0.008	0.006	0.011	0.000000	0.000000	-1811.17	172.21
3	GUIDE	641732016	9.22	10031	0.158	0.126	0.090	0.148	148.984132	-2.287670	-1838.09	-2213.73
4	GUIDE	641733024	8.48	10029	0.061	-0.076	0.061	0.097	148.386168	-1.615768	-1020.10	918.05
5	GUIDE	641733576	7.82	10037	-0.059	-0.087	0.051	0.081	148.896458	-1.126306	1464.73	368.29
6	GUIDE	641735688	8.68	10035	-0.028	-0.034	0.068	0.113	148.626995	-1.270763	494.34	886.73
7	GUIDE	641736744	9.06	10023	-0.131	0.075	0.092	0.152	149.277606	-1.343973	1574.17	-1207.42

2.4 Star Slots

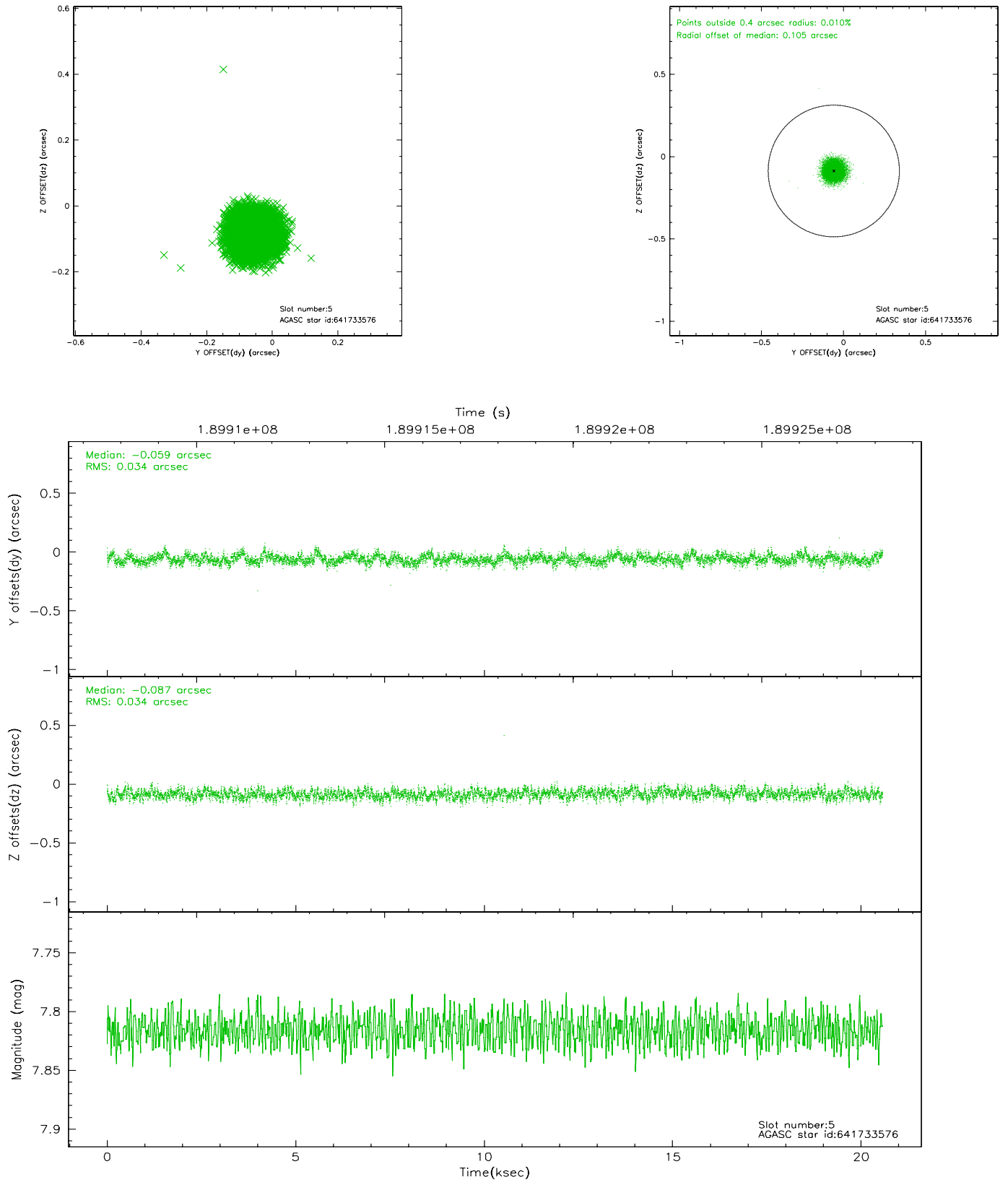
2.4.1 Slot 3



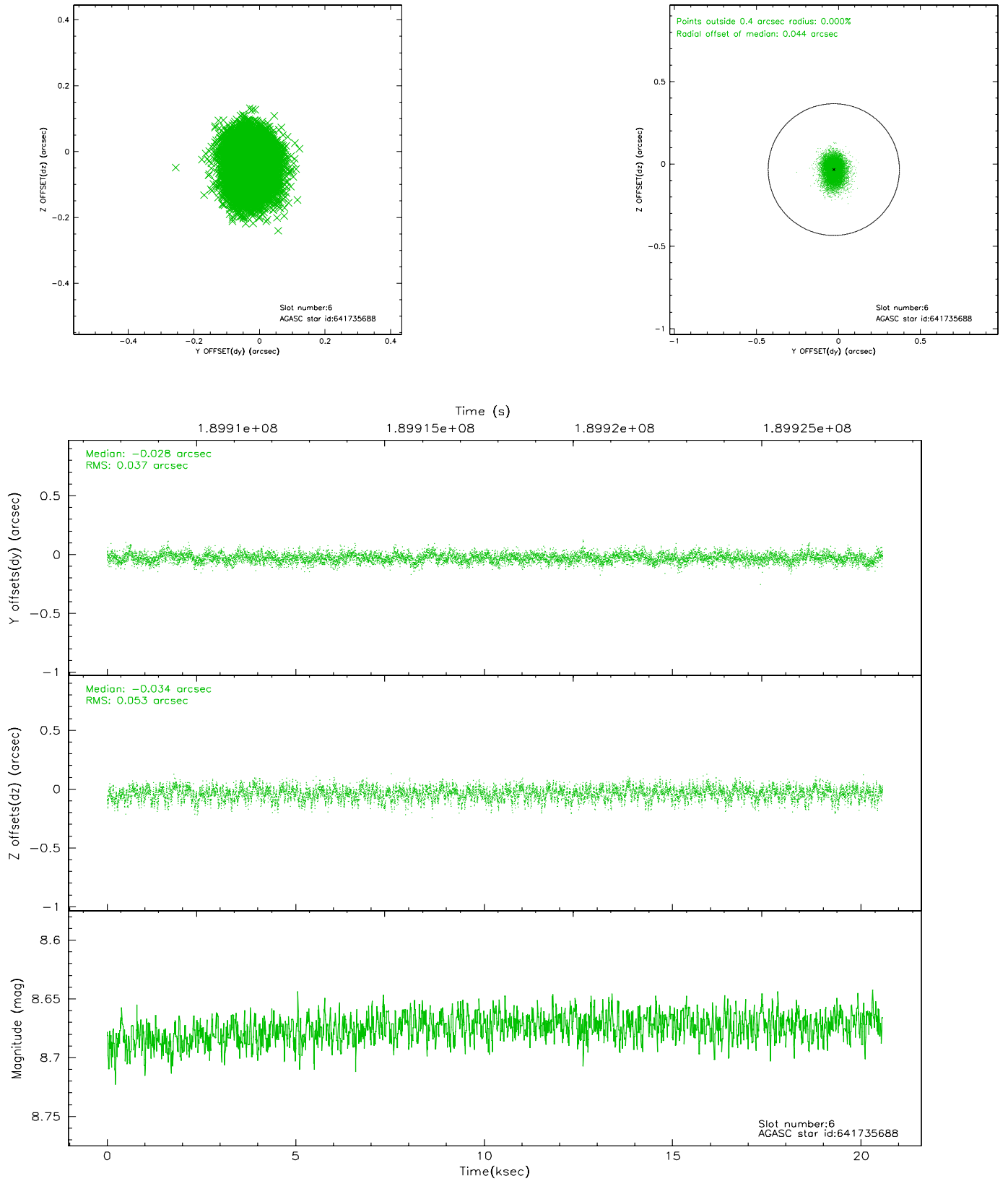
2.4.2 Slot 4



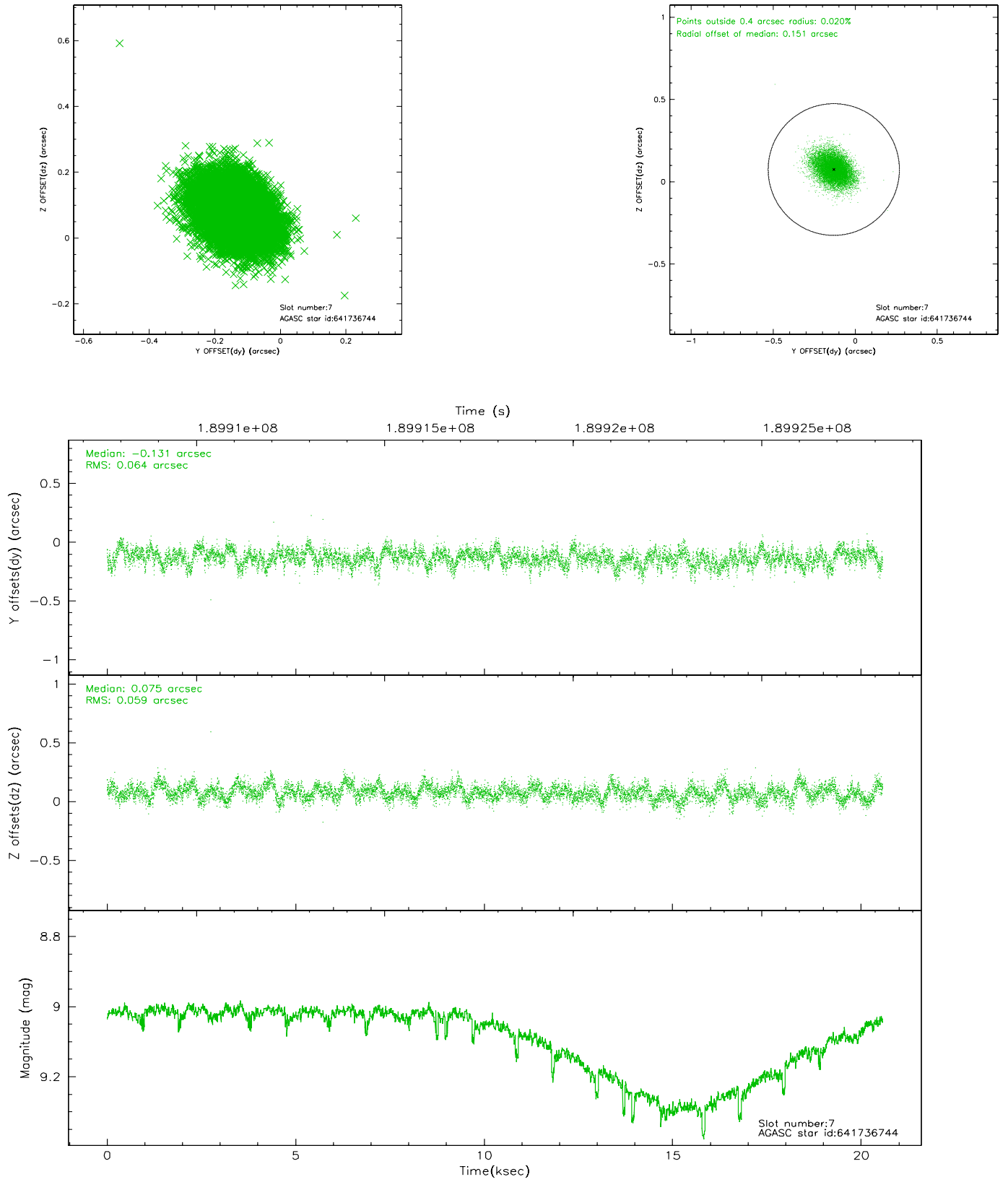
2.4.3 Slot 5



2.4.4 Slot 6

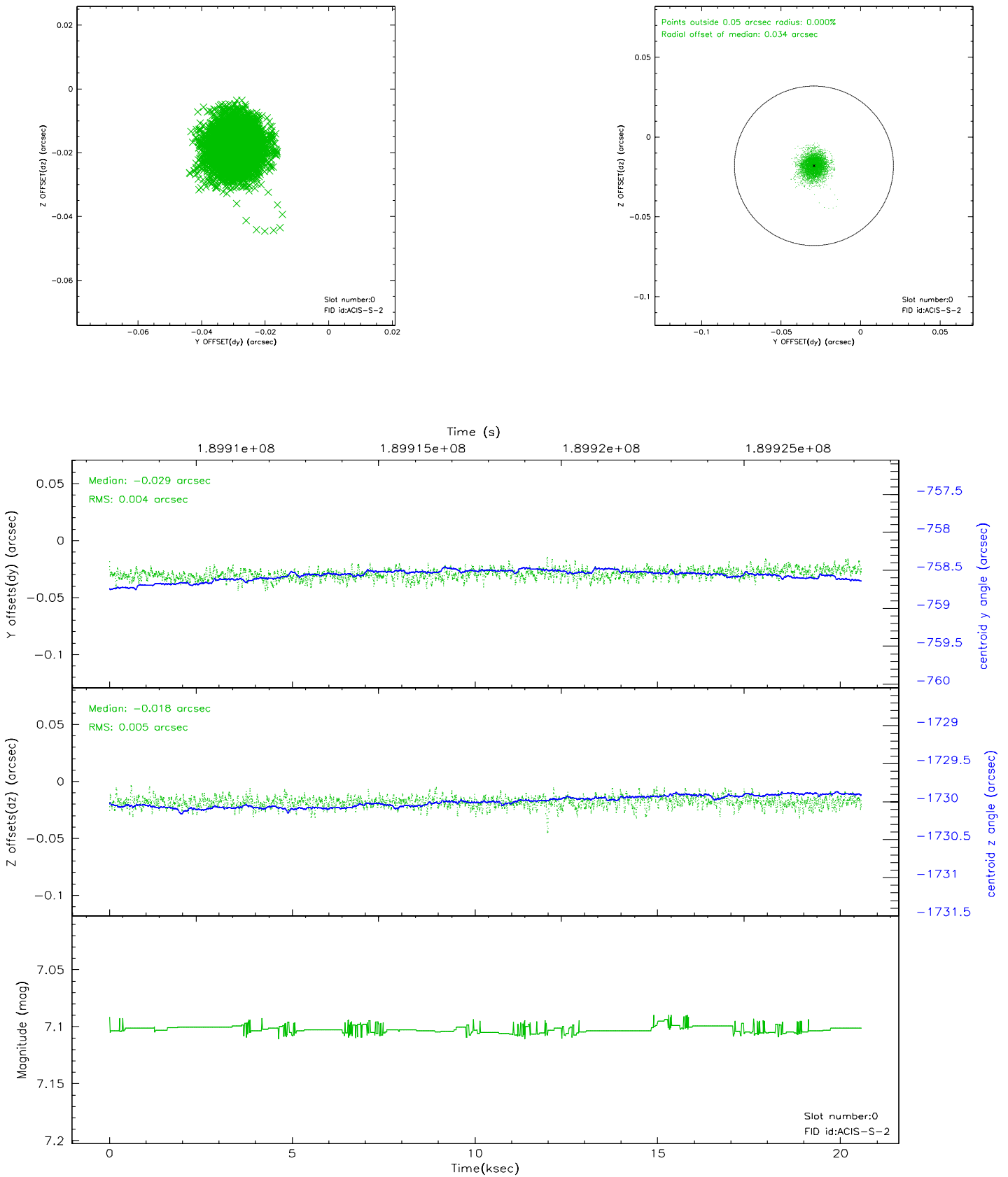


2.4.5 Slot 7

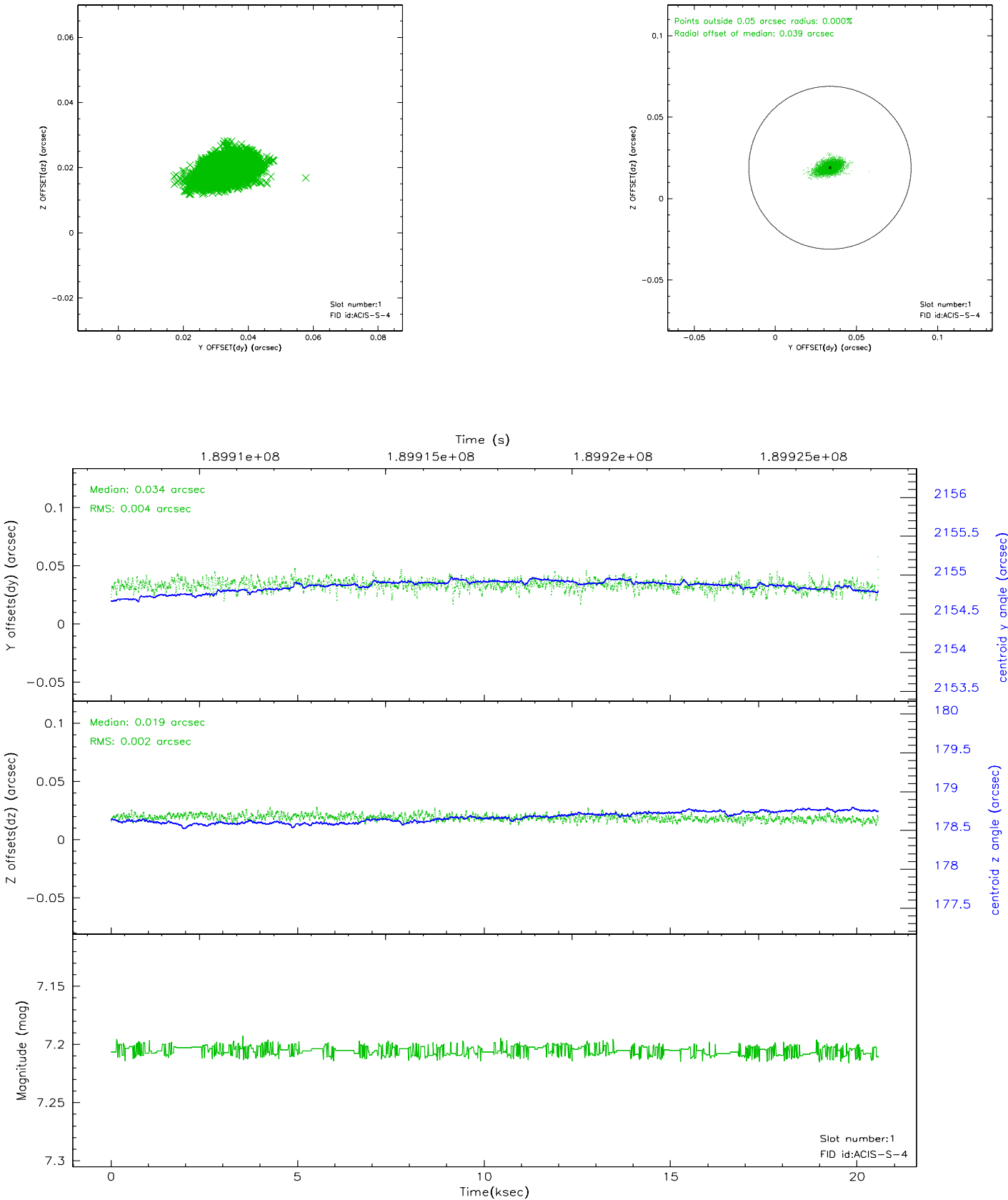


2.5 FID Slots

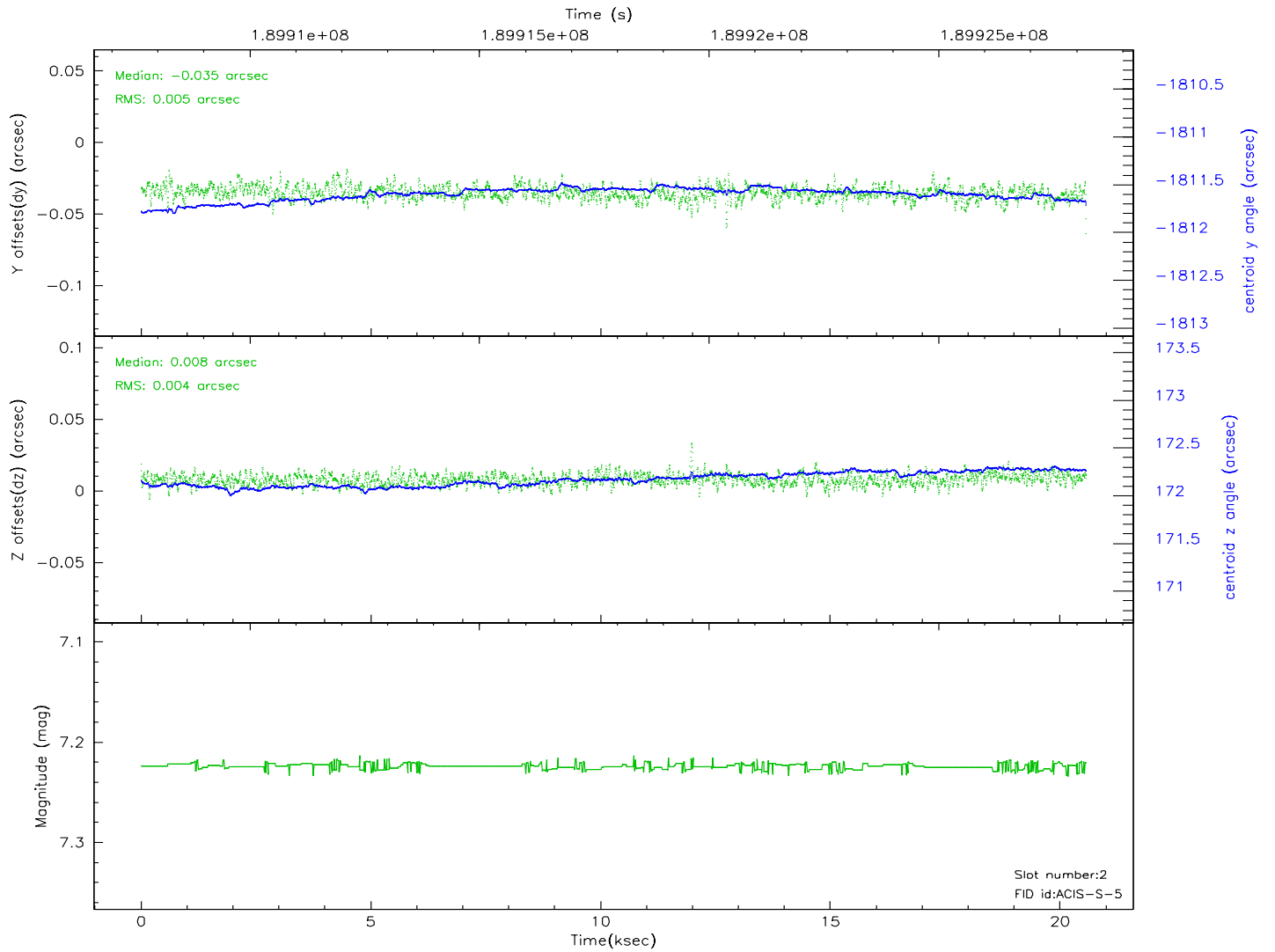
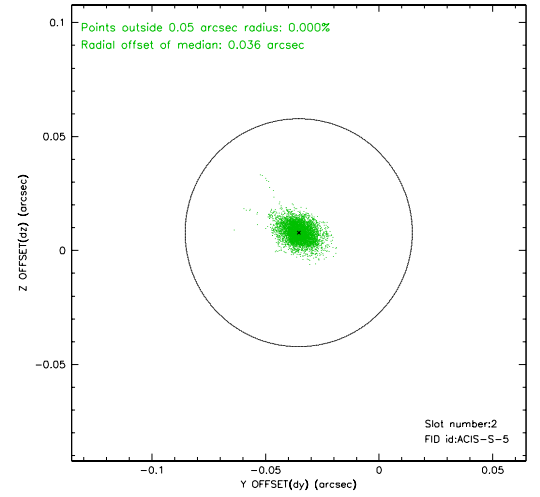
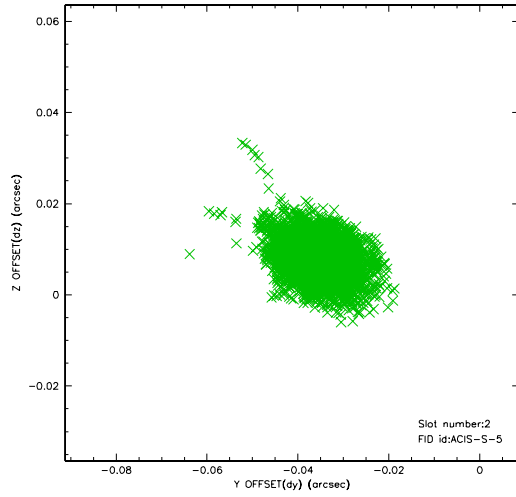
2.5.1 Slot 0



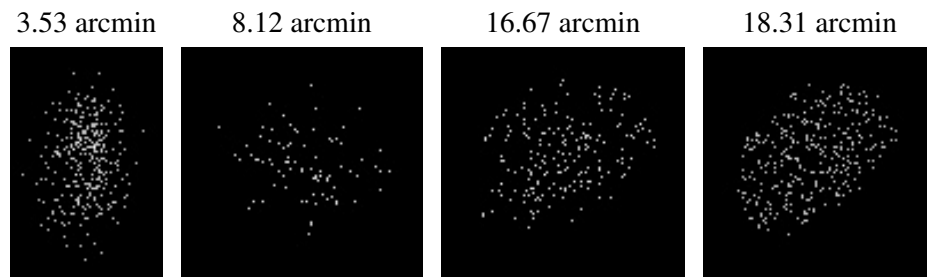
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2006.06.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.109

A.2 Comments