

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 4832 - L2 Version 002
Chandra X-Ray Center

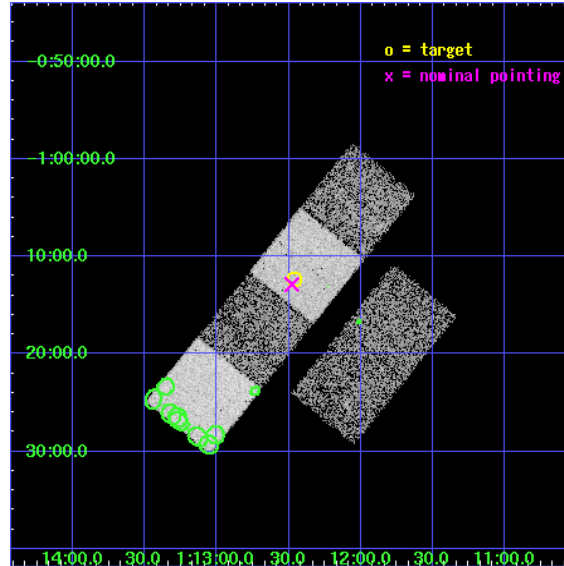
L2 Processing Date : Apr 13 2006

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1 Front

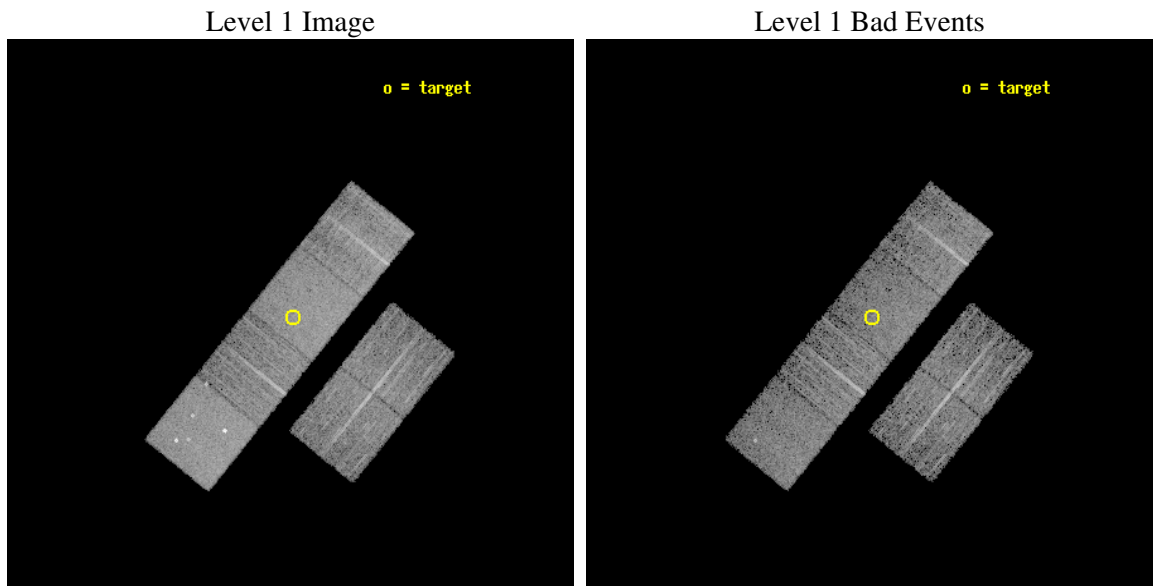
seq_num	700914
obs_id	4832
title	Constraining the Hard-X-ray Through Submm SEDs of a Complete Sample of Broad Absorption Line Quasars
observer	Dr. Sarah Gallagher
object	LBQS 0109-0128
dtcycle	0
cycle	P
ra_targ	18.115
dec_targ	-1.206083
ra_nom	18.11975141666
dec_nom	-1.2145187590118
roll_nom	308.91732983288
revision	2
ontime	5955.1999778152
livetime	5879.7916499051
ontime2	5955.1999778152
ontime3	5951.9590174556
ontime5	5955.1999778152
ontime6	5955.1999778152
ontime7	5955.1999778152
ontime8	5955.1999778152
l2events	72999



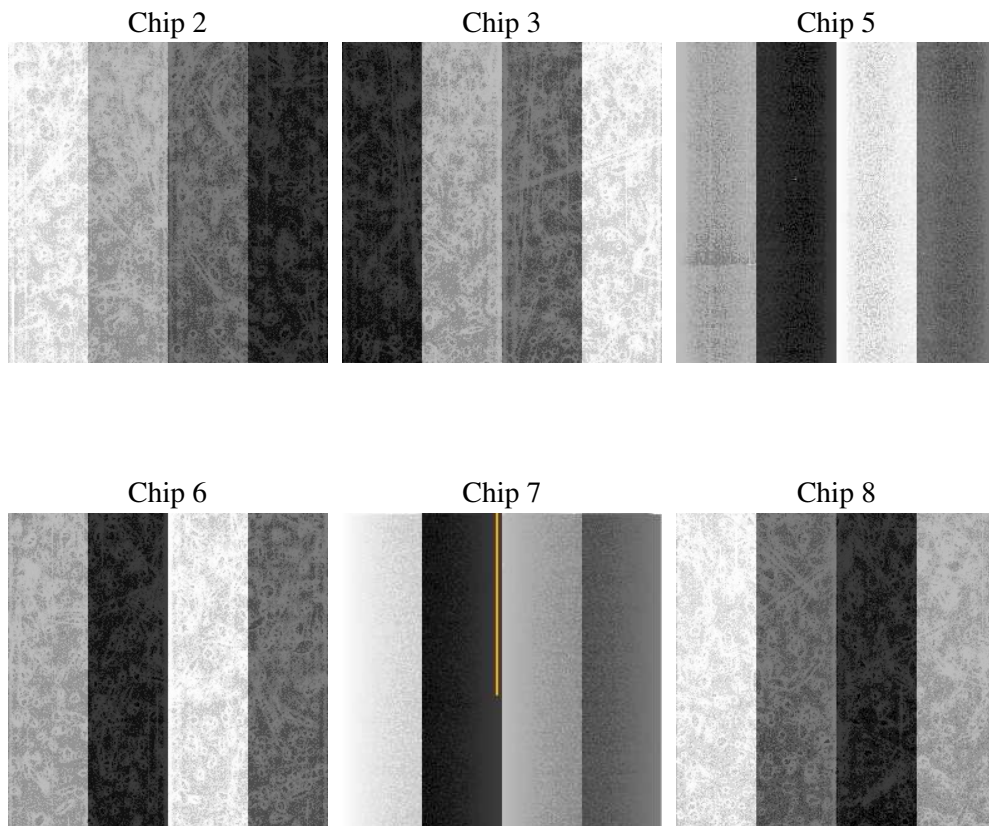
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-04-13T17:50:08
revision	2

sched_exp_time	6000.000000
ontime	5960.2144773006
ontime2	5960.2144573927
ontime3	5956.9735169411
ontime5	5960.2144773006
ontime6	5960.2144773006
ontime7	5960.2144773006
ontime8	5960.2144573927
l1events	334094

2.1.4 Events

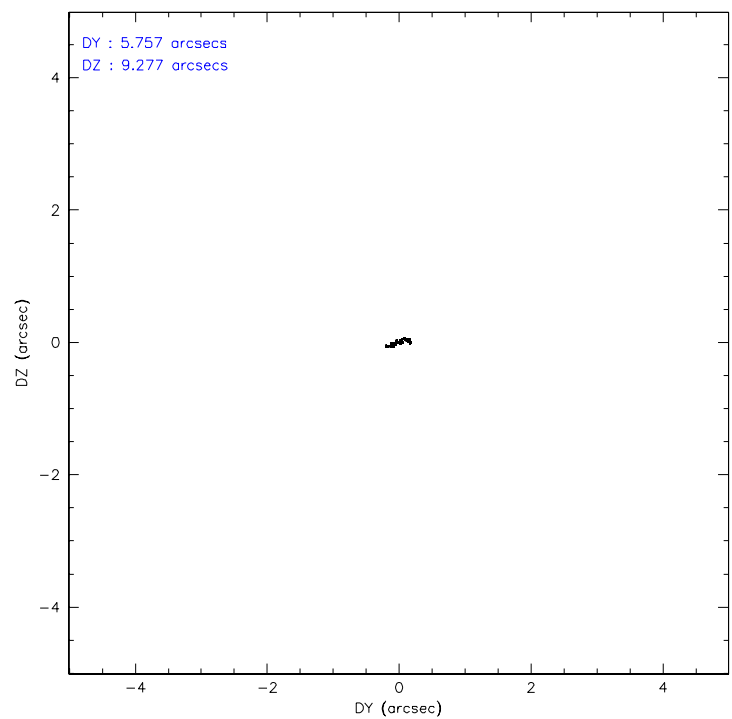
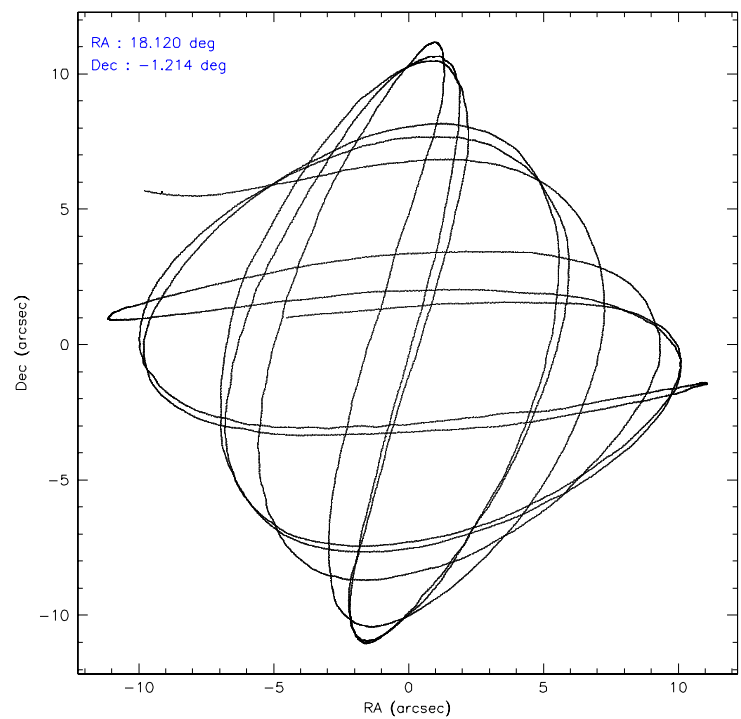
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	45528	45139	71072	48658	63681	60016
rejected events	40084	39824	38649	42969	39375	46643
rejected %	88%	88%	54%	88%	61%	77%

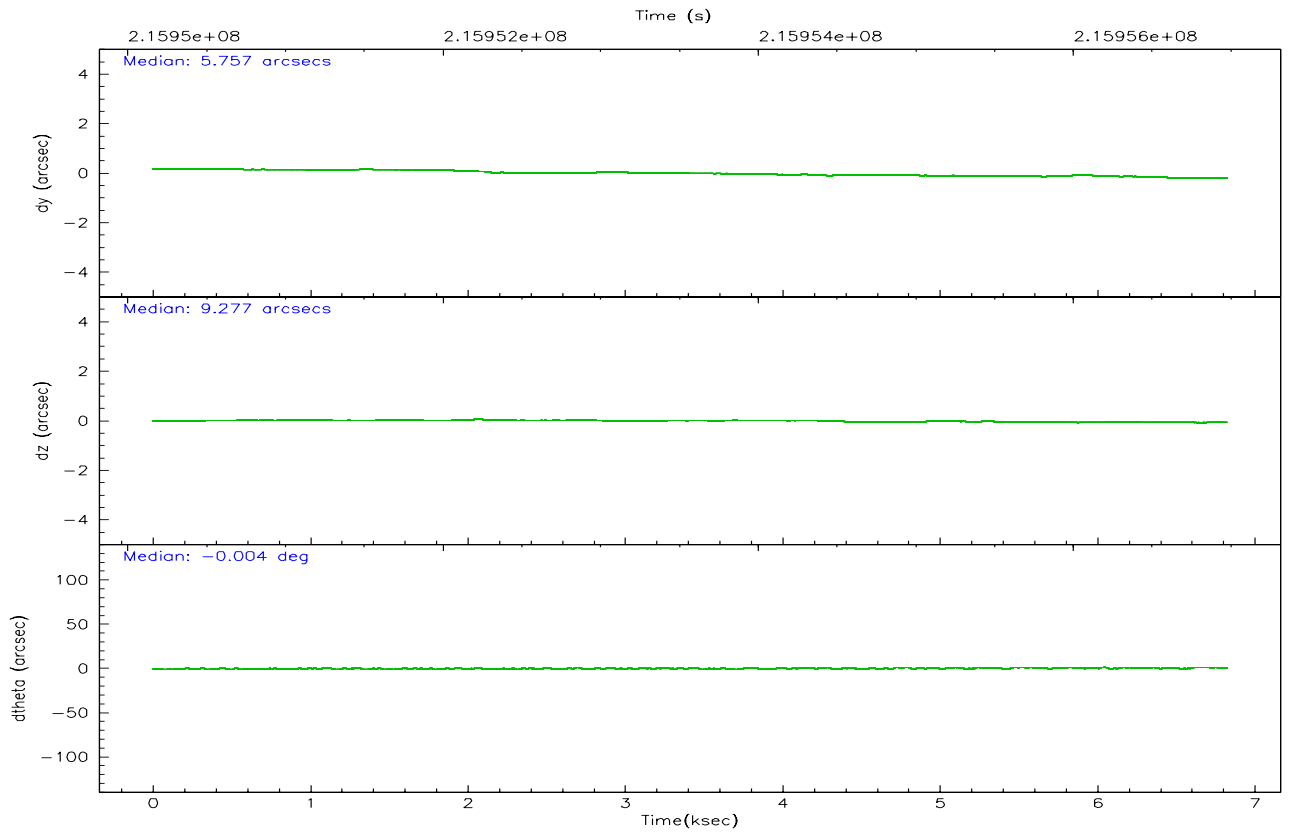
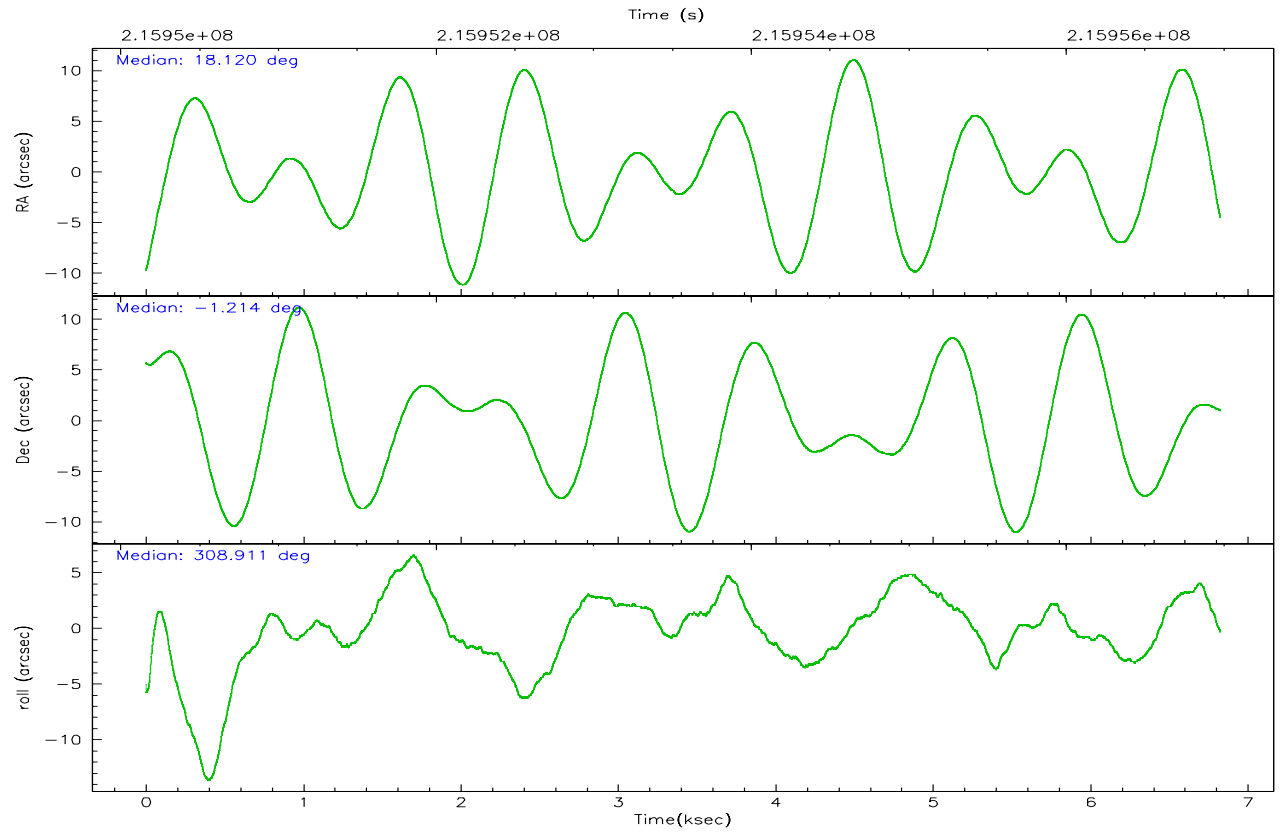
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	2422	2358	3438	2369	1339	4252
	5%	5%	4%	4%	2%	7%
grade 1 events	34	21	91	22	34	37
	0%	0%	0%	0%	0%	0%
grade 2 events	1123	978	9906	1162	5909	2834
	2%	2%	13%	2%	9%	4%
grade 3 events	470	515	732	538	1161	1385
	1%	1%	1%	1%	1%	2%
grade 4 events	532	567	679	518	1279	1319
	1%	1%	0%	1%	2%	2%
grade 5 events	1808	2022	3493	2112	4173	2800
	3%	4%	4%	4%	6%	4%
grade 6 events	906	900	17702	1104	14645	3598
	1%	1%	24%	2%	22%	5%
grade 7 events	38233	37778	35031	40833	35141	43791
	83%	83%	49%	83%	55%	72%

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	18.094113	18.11975141665951	Alternating exposures requested	N	N
Pointing Dec	-1.205105	-1.214518759011838	Primary exposure time	0.000000	3.2
Pointing Roll	308.760155	308.9173298328834			
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	215950983.184000	215949647.70085			
Observation start date	2004-11-04T10:21:59	2004-11-04T10:00:47			
Observation end time	215956983.184000	215957945.58872			
Observation end date	2004-11-04T12:01:59	2004-11-04T12:19:05			
Read mode	TIMED	TIMED			

2.3 Aspect



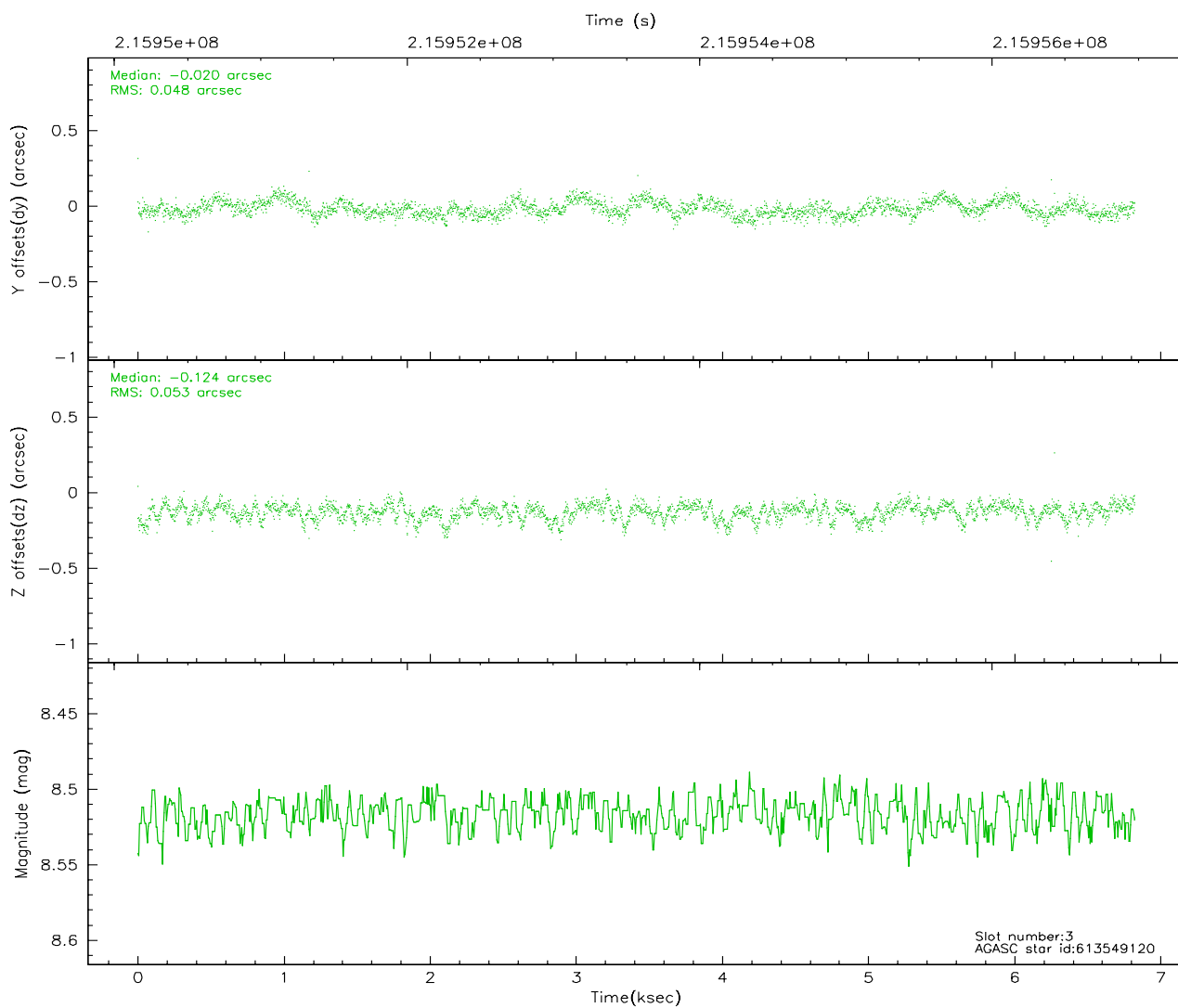
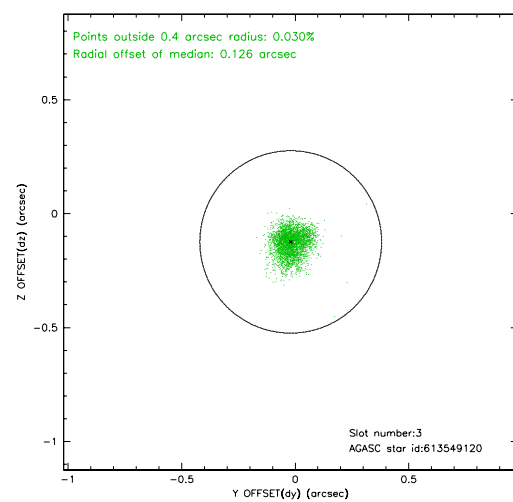
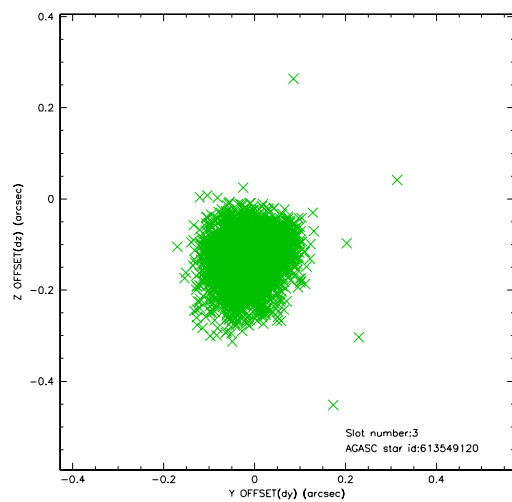


Slot Statistics

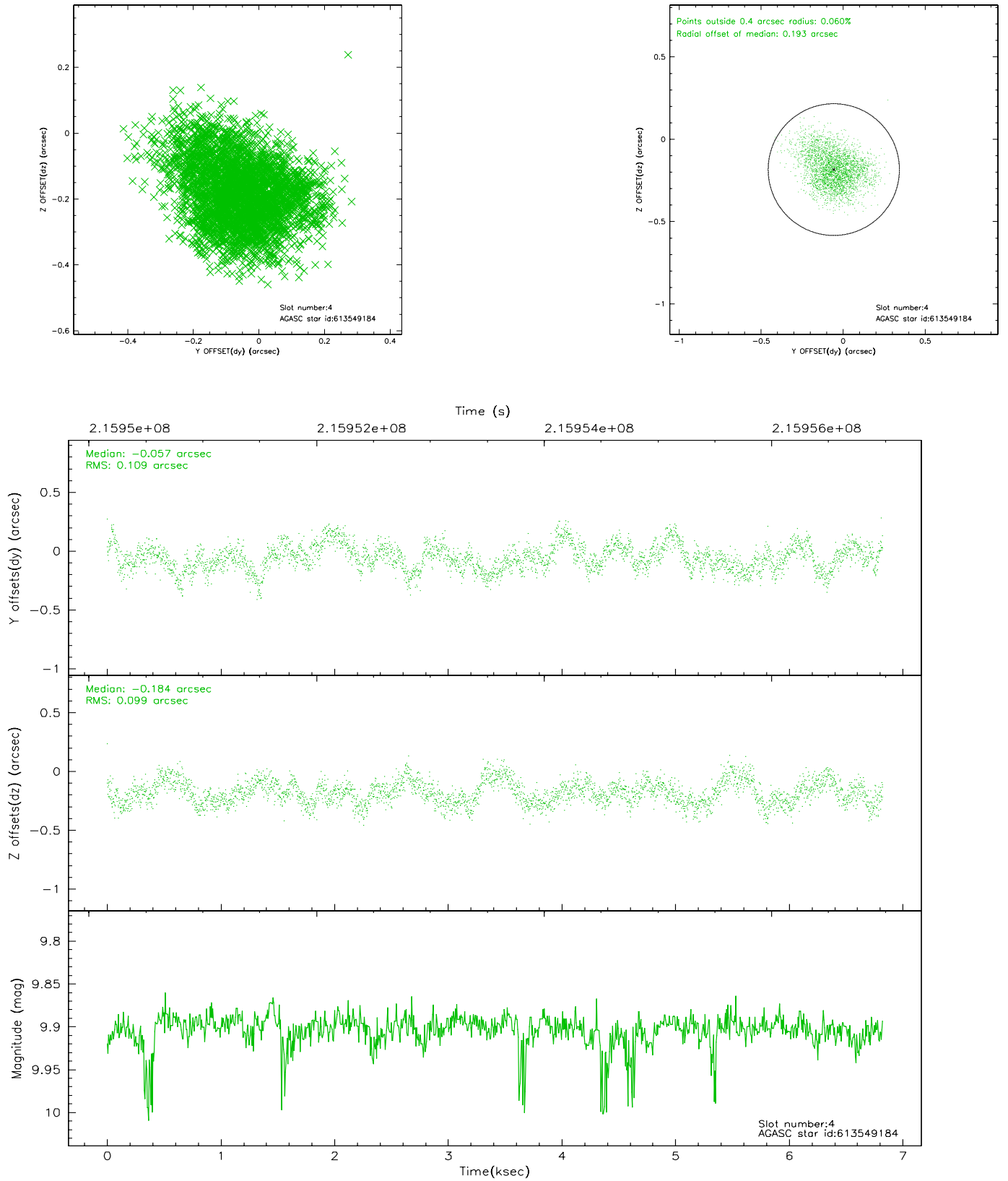
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1665	-0.054	-0.023	0.007	0.011	0.000000	0.000000	-758.52	-1730.53
1	FID	ACIS-S-4	7.20	1665	0.070	0.032	0.006	0.010	0.000000	0.000000	2154.49	177.15
2	FID	ACIS-S-5	7.23	1665	-0.047	-0.000	0.007	0.011	0.000000	0.000000	-1810.27	171.73
3	GUIDE	613549120	8.52	3328	-0.020	-0.124	0.075	0.120	17.803287	-1.274359	-460.54	-972.78
4	GUIDE	613549184	9.90	3326	-0.057	-0.184	0.157	0.251	18.424548	-1.246000	859.28	834.63
5	GUIDE	613549704	10.04	3328	-0.052	0.103	0.126	0.204	17.734307	-0.994159	-1402.44	-534.72
6	GUIDE	613552008	8.97	3330	0.027	0.065	0.173	0.235	18.328422	-1.862158	2371.90	-824.53
7	GUIDE	613686640	10.64	3325	0.106	0.150	0.170	0.272	18.866209	-1.278950	1948.12	2000.23

2.4 Star Slots

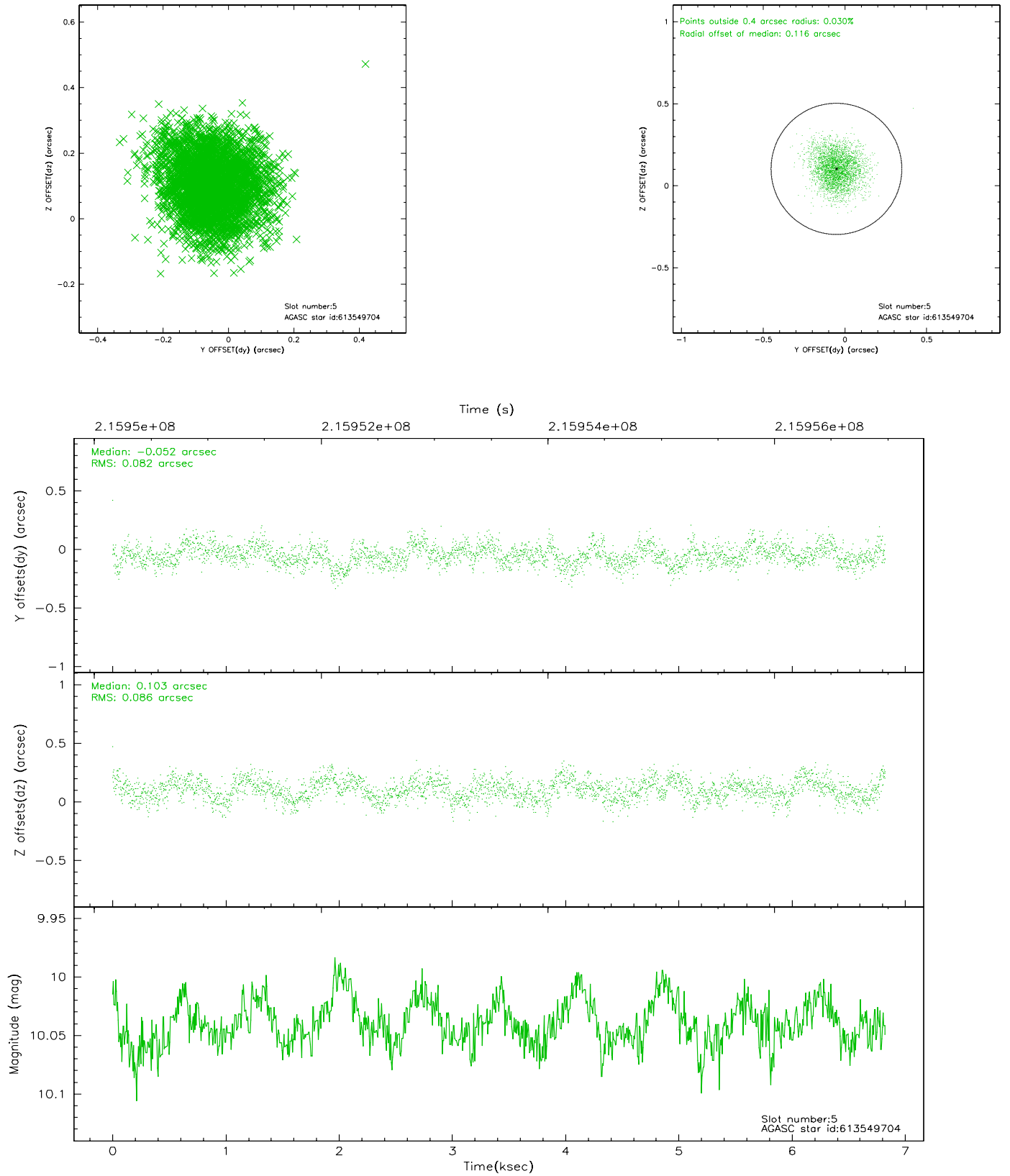
2.4.1 Slot 3



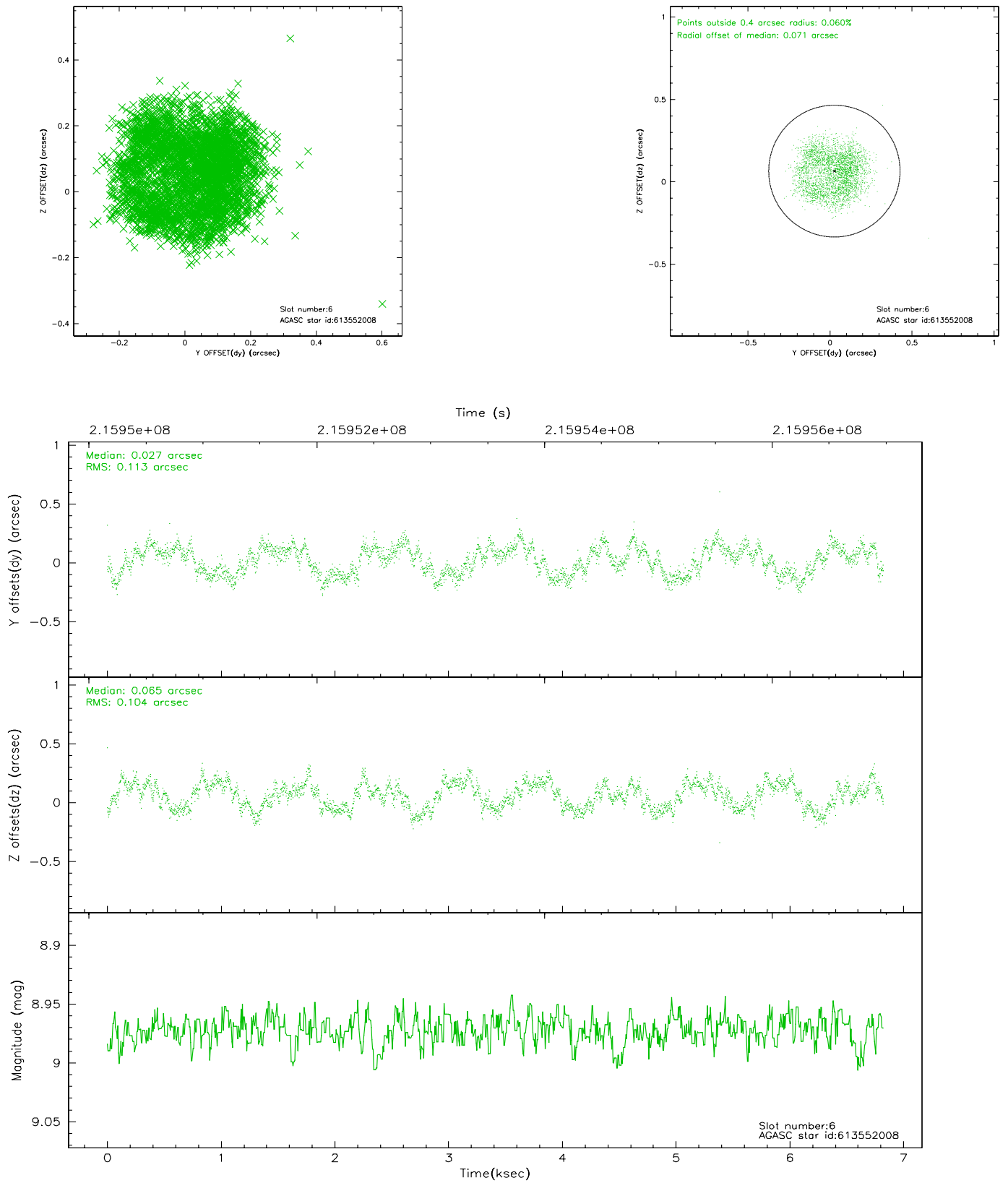
2.4.2 Slot 4



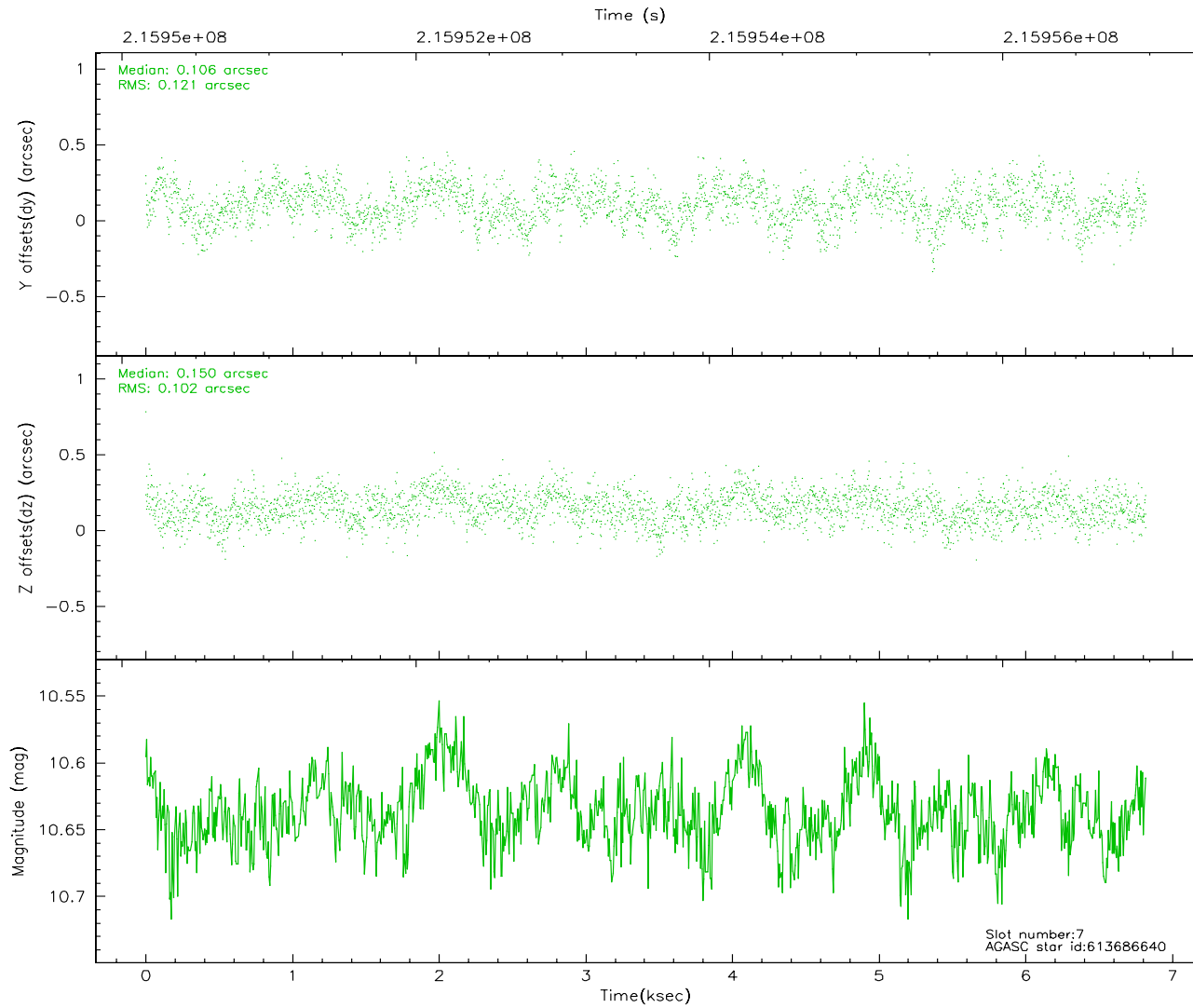
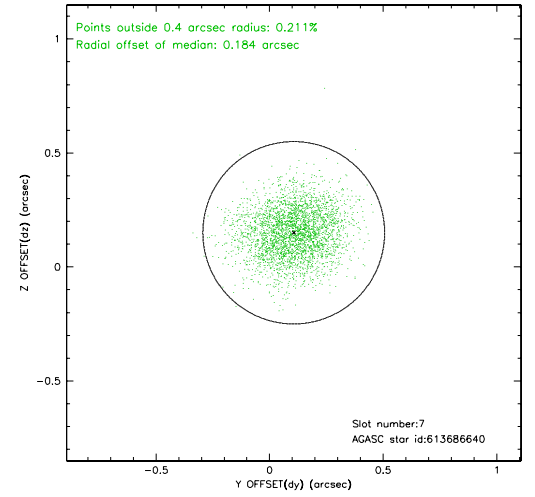
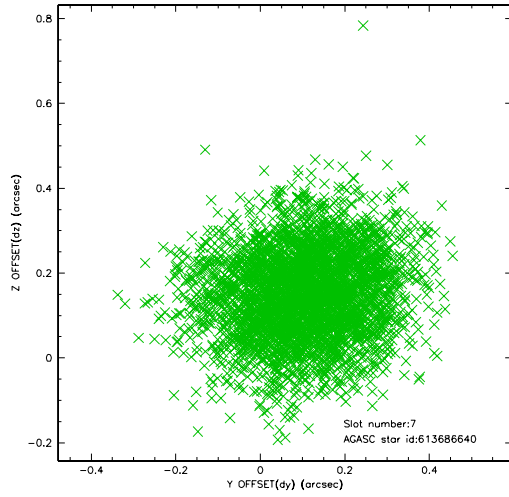
2.4.3 Slot 5



2.4.4 Slot 6

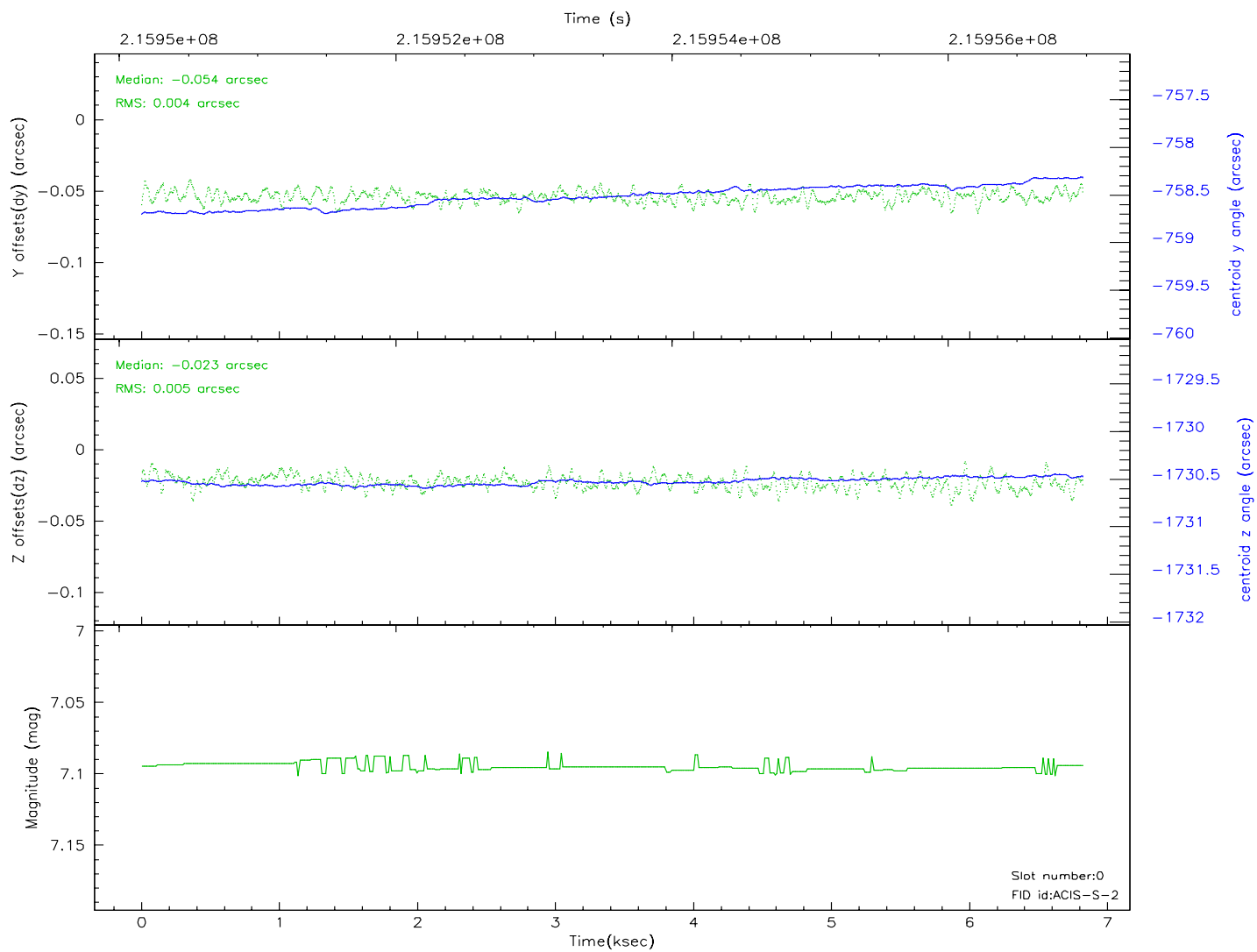
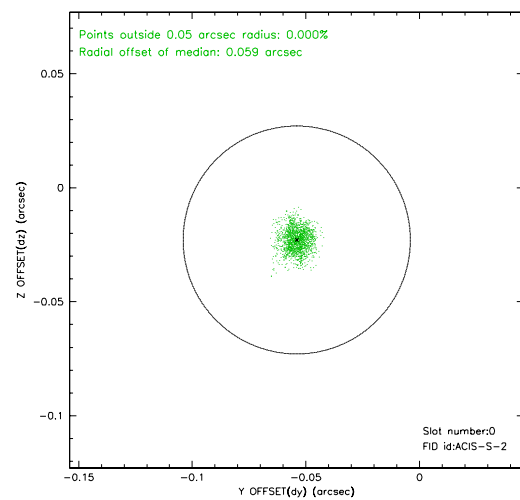
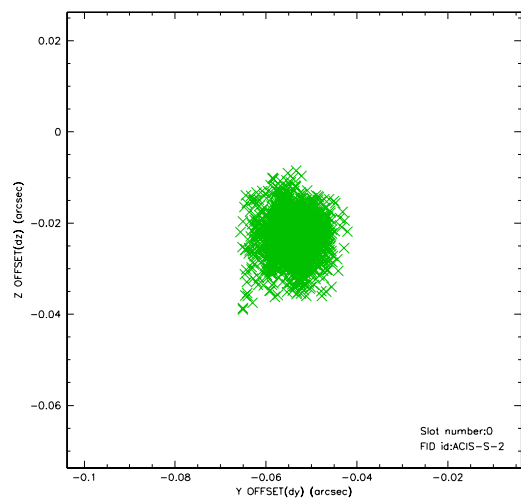


2.4.5 Slot 7

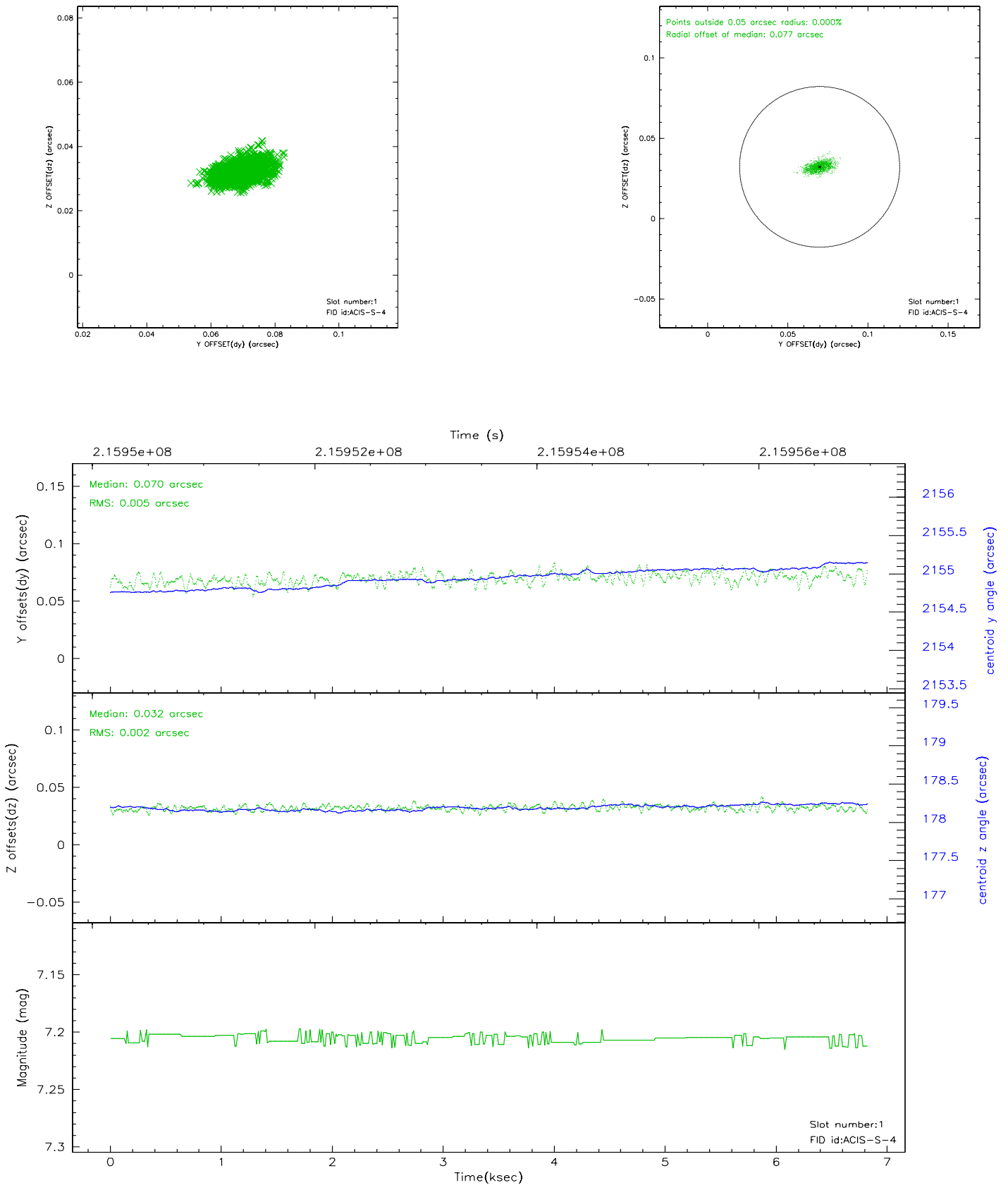


2.5 FID Slots

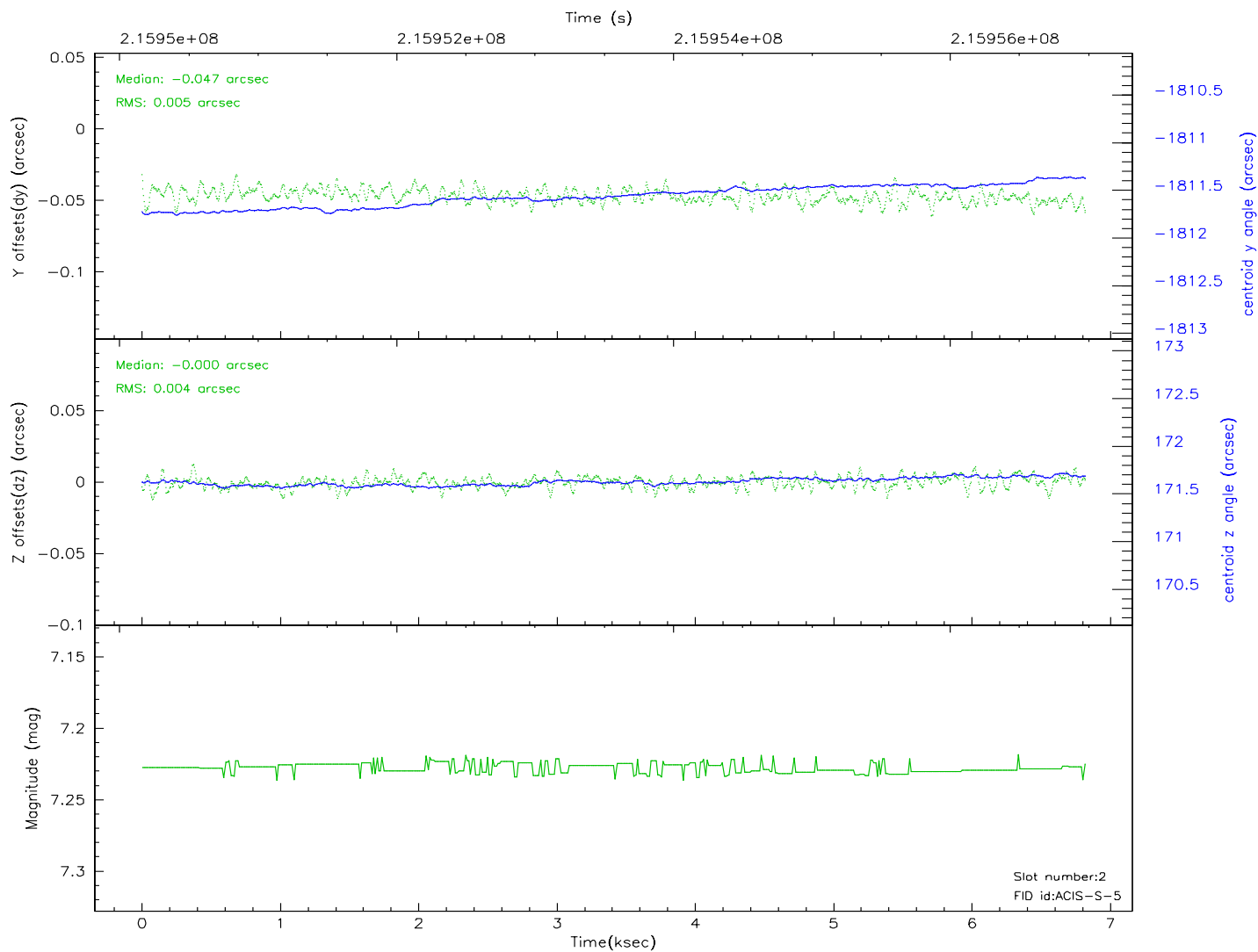
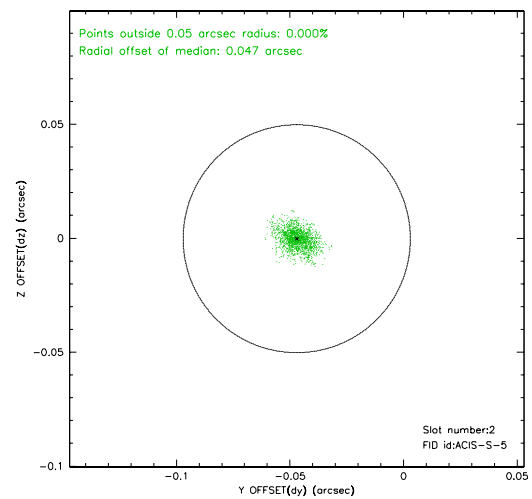
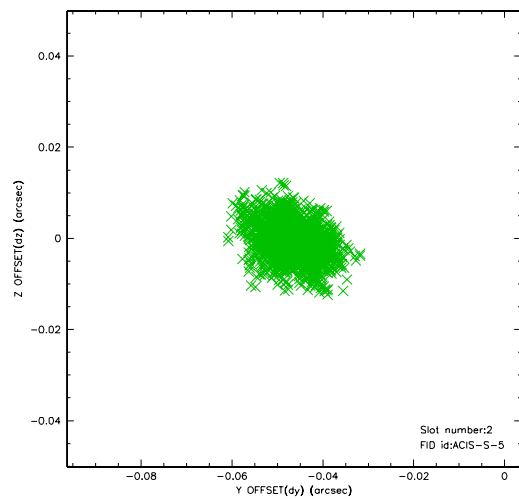
2.5.1 Slot 0



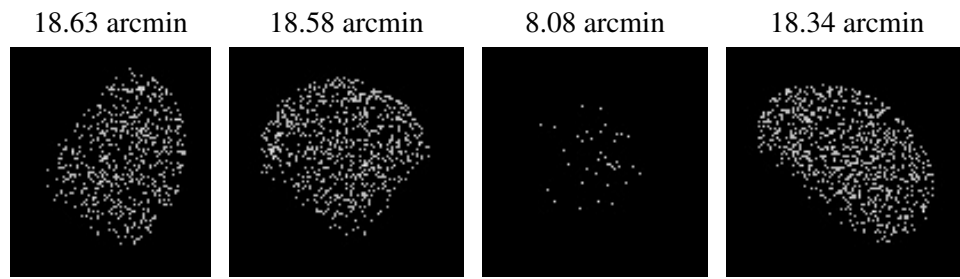
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.04.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.955199

A.2 Comments