

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 662 - L2 Version 4
Chandra X-Ray Center

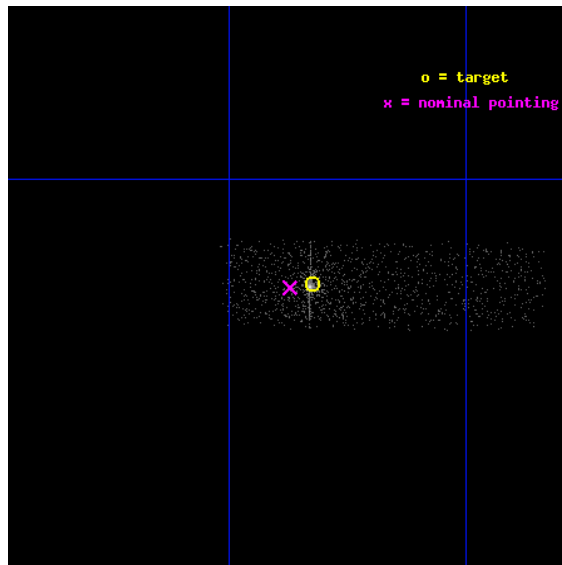
L2 Processing Date : Aug 28 2012

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1 Front

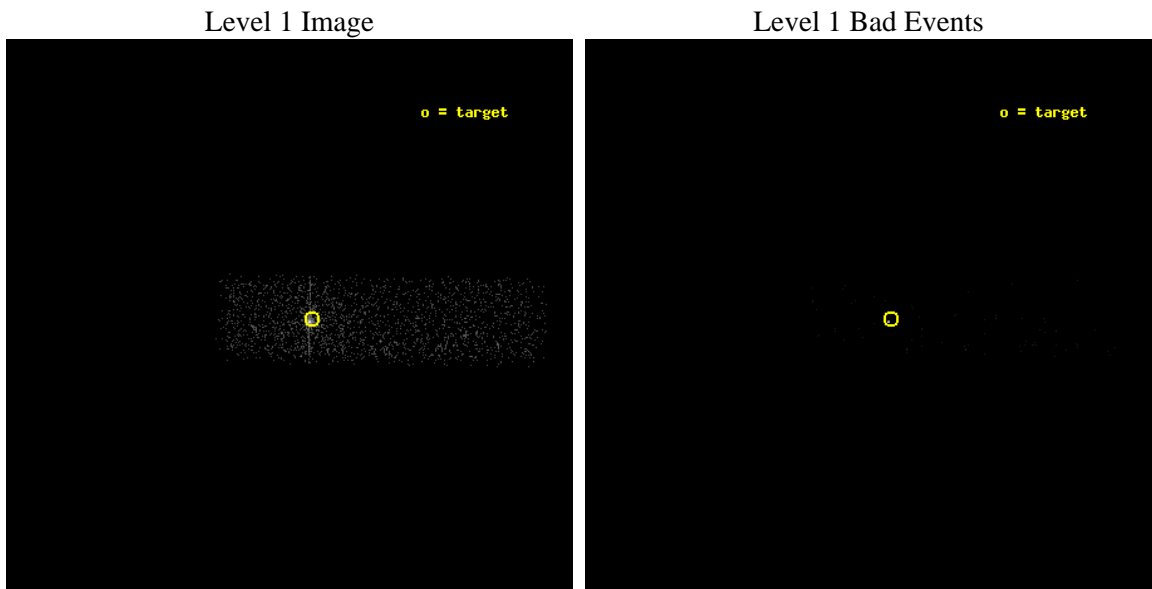
seq_num	400029	Sequence number
obs_id	662	Observation id
title	THE FAINTEST 'FIELD' LOW-MASS X-RAY BINARIES	Proposal title
observer	PROF MICHIEL VAN DER KLIS	Principal investigator
object	1711-339	Source name
dtycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	258.580833	Observer's specified target RA [deg]
dec_targ	-34.045278	Observer's specified target Dec [deg]
ra_nom	258.59282938304	Nominal RA [deg]
dec_nom	-34.046883414924	Nominal Dec [deg]
roll_nom	0.77111908738791	Nominal Roll [deg]
revision	4	Processing version of data
ontime	948.46597065032	Sum of GTIs [s]
lvetime	902.18393479532	Livetime [s]
ontime7	948.46597065032	Sum of GTIs [s]
l2events	2146	Number of level 2 events



2 OBI

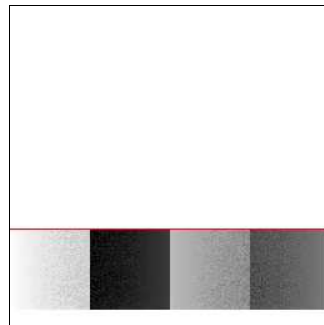
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	1235.770000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	948.46597065032	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime7	948.46597065032	Sum of GTIs [s]
date	2012-08-28T22:17:50	Date and time of file creation	l1events	3813	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

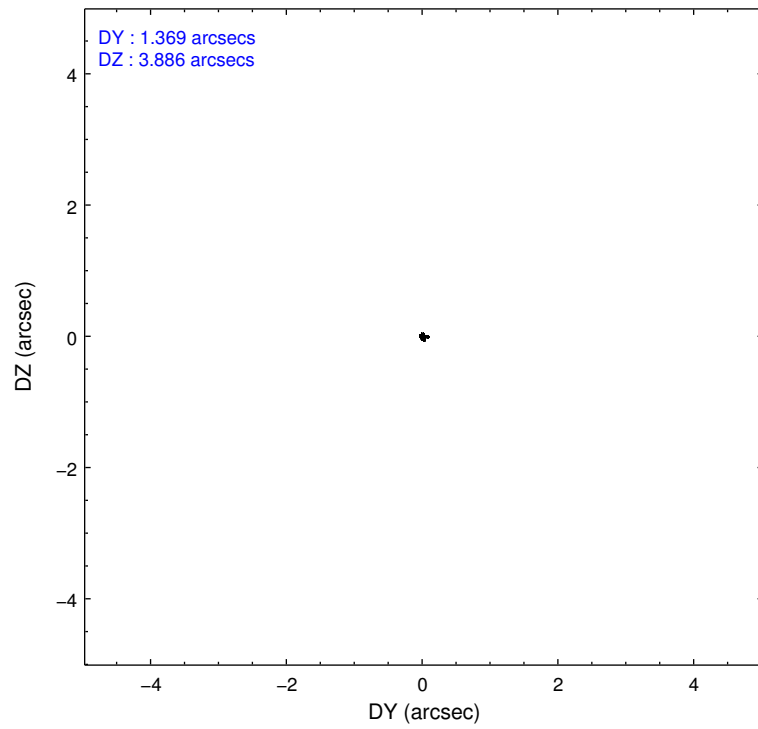
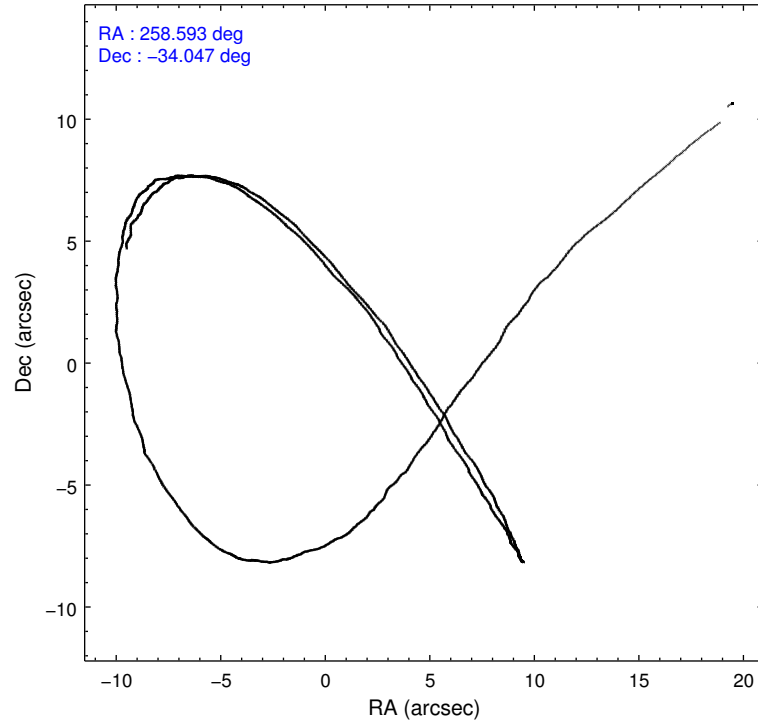
	ccd 7
level 1 events	3813
rejected events	1643
rejected %	43%

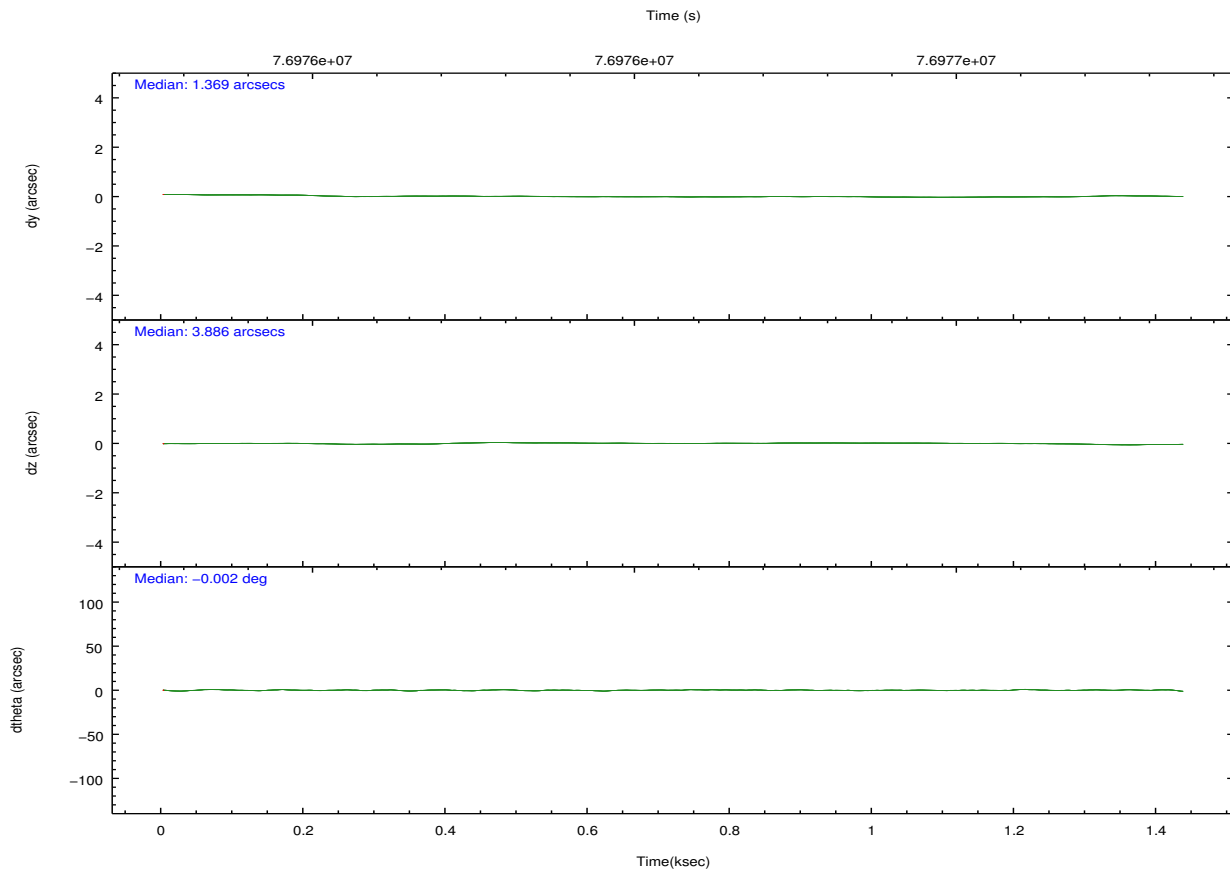
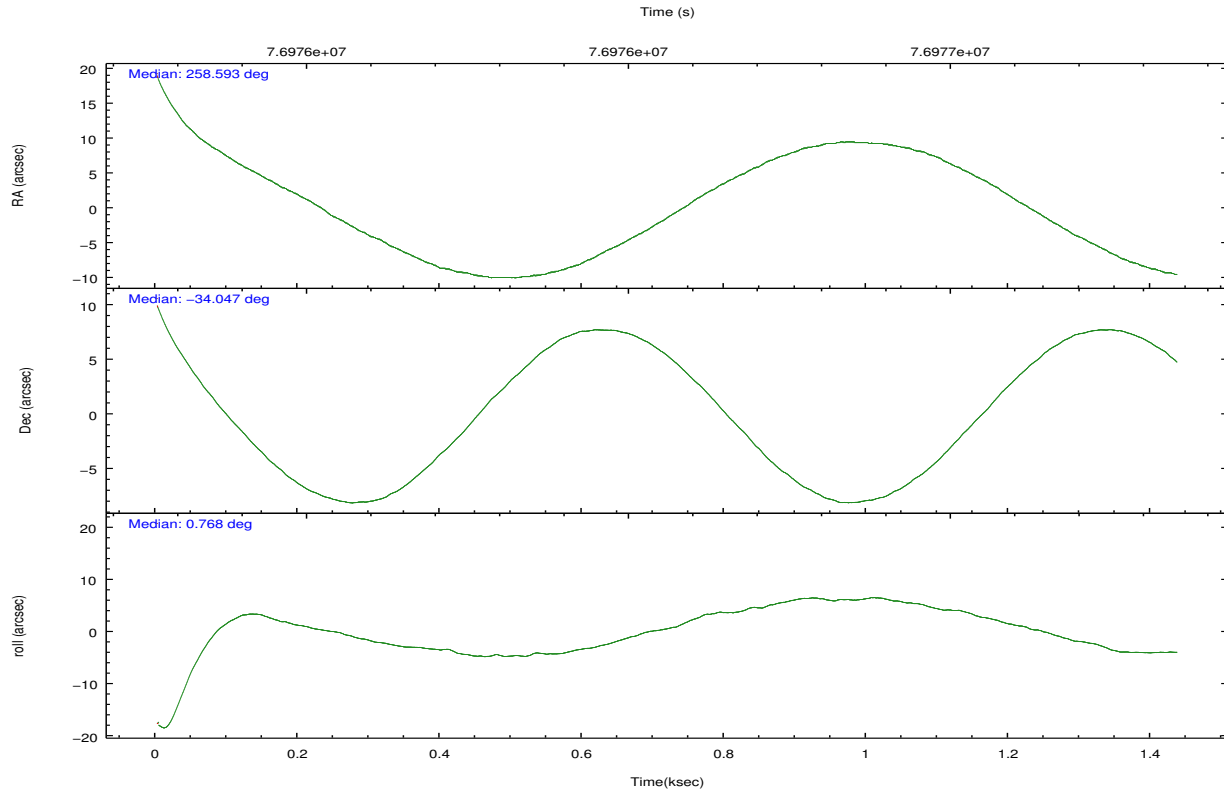
	ccd 7
grade 0 events	304
	7%
grade 1 events	17
	0%
grade 2 events	418
	10%
grade 3 events	210
	5%
grade 4 events	237
	6%
grade 5 events	238
	6%
grade 6 events	1010
	26%
grade 7 events	1379
	36%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	258.564340	258.5928293830431	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	-34.061097	-34.04688341492423	Subarray start row	53	53
[deg] Pointing Roll	0.598742	0.7711190873879108	Subarray row count	256	256
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.8
[mm] SIM translation stage pos	-182.132523	-182.1370004450064			
[mm] SIM translation stage offset	-8	-7.995522138001405			
[s] Observation start time (MET)	76976048.184000	76975208.660117			
Observation start date	2000-06-09T22:13:04	2000-06-09T22:00:08			
[s] Observation end time (MET)	76977283.184000	76977592.810205			
Observation end date	2000-06-09T22:33:39	2000-06-09T22:39:52			
Read mode	TIMED	TIMED			

2.3 Aspect



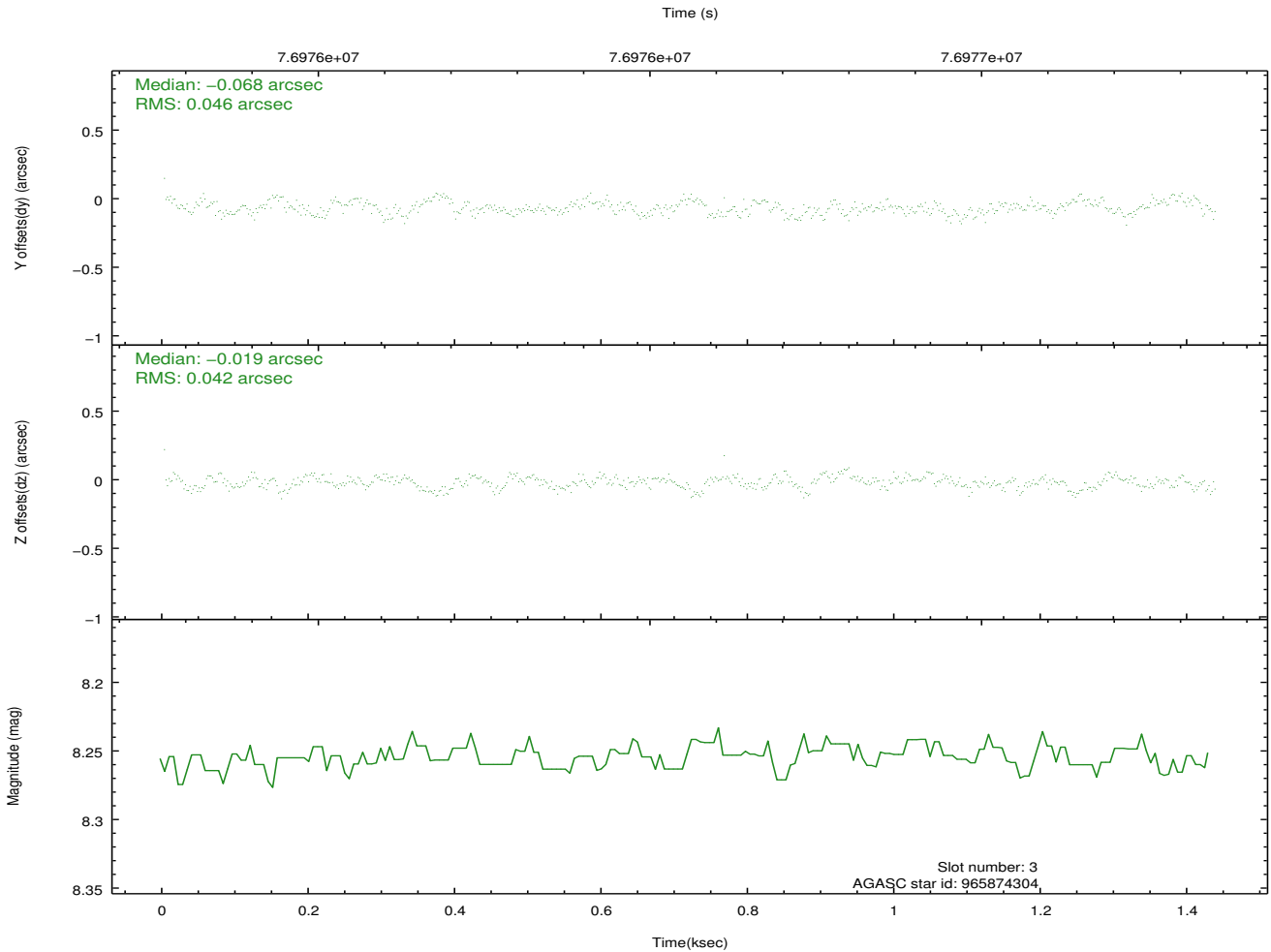
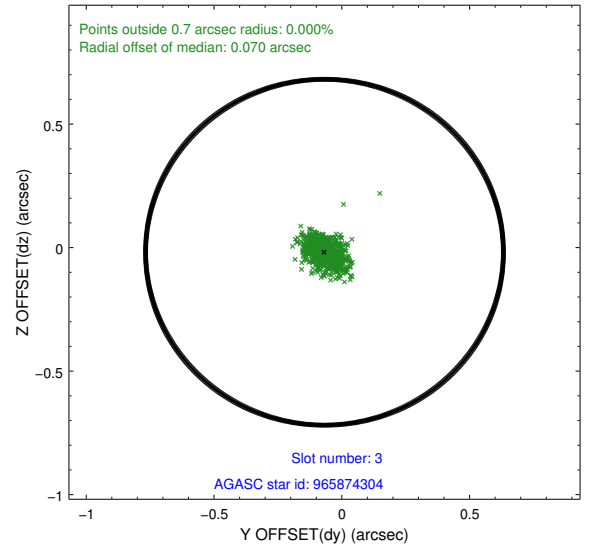
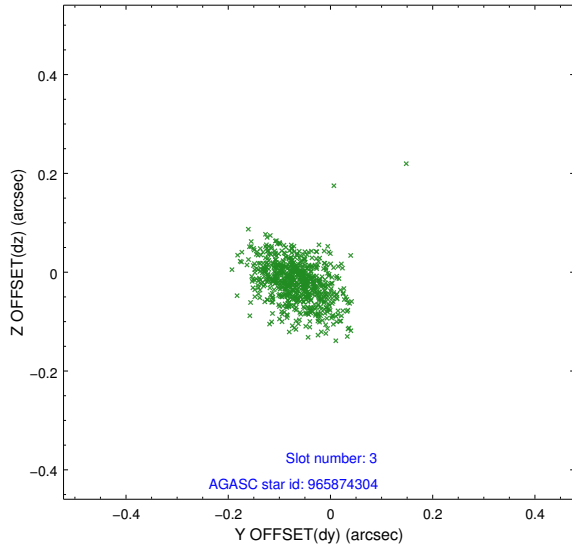


Slot Statistics

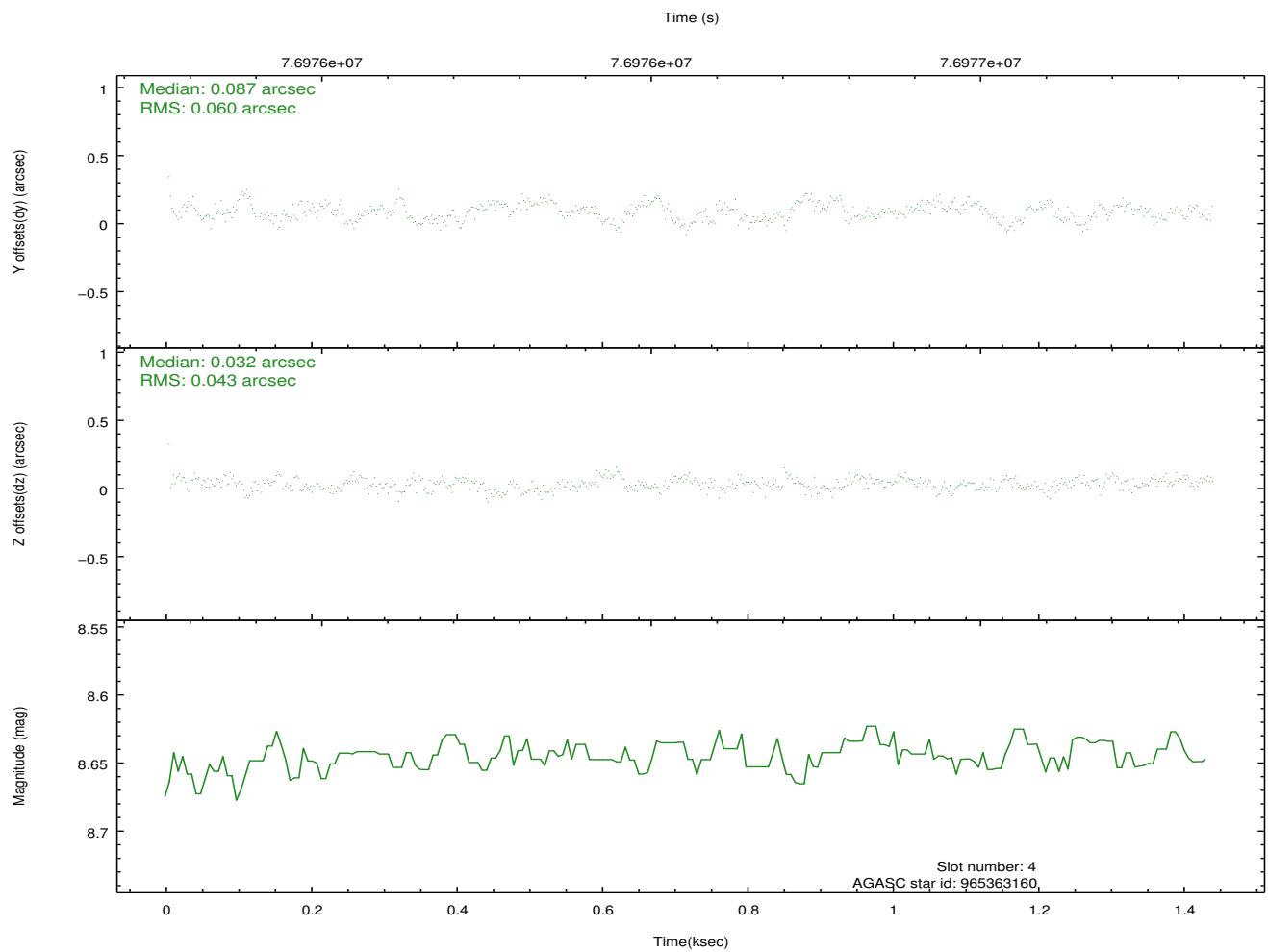
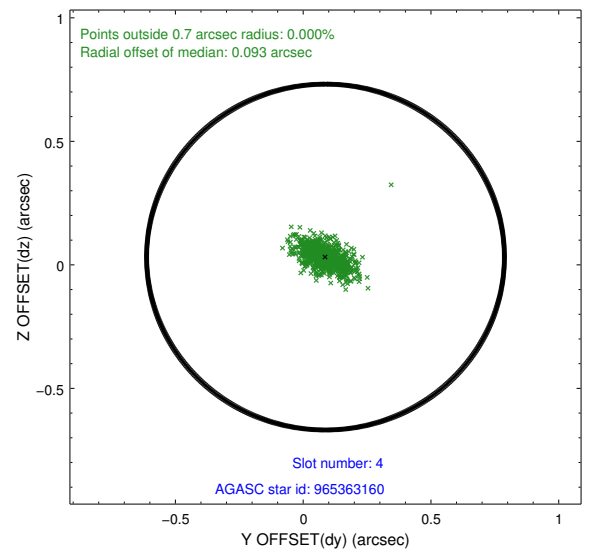
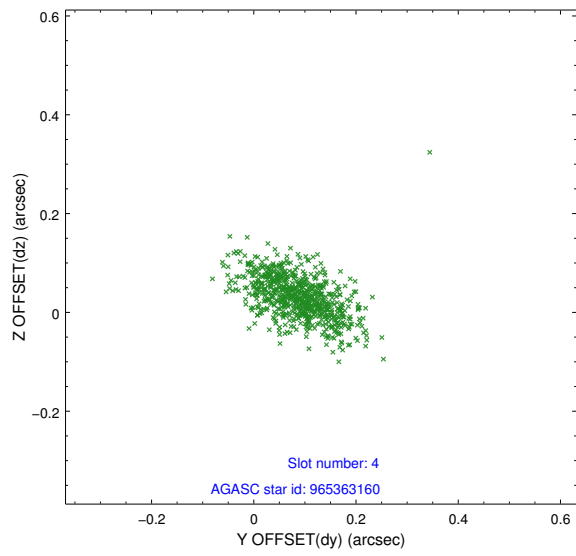
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	351	-0.055	-0.107	0.007	0.014	0.000000	0.000000	-753.51	-1889.76
1	FID	ACIS-S-4	7.18	351	0.066	0.055	0.007	0.012	0.000000	0.000000	2157.86	13.57
2	FID	ACIS-S-5	7.22	351	-0.042	0.059	0.006	0.012	0.000000	0.000000	-1800.34	12.60
3	GUIDE	965874304	8.25	701	-0.068	-0.019	0.066	0.109	258.165412	-33.928695	-1187.20	485.33
4	GUIDE	965363160	8.65	701	0.087	0.032	0.078	0.133	258.200115	-33.678909	-1078.94	1384.60
5	GUIDE	965873880	8.71	701	-0.001	-0.038	0.076	0.123	258.086420	-34.369575	-1433.72	-1098.45
6	GUIDE	966003136	9.06	701	0.009	0.045	0.063	0.110	259.192866	-34.072345	1871.11	-68.61
7	GUIDE	966001512	9.47	700	-0.018	-0.015	0.084	0.138	259.202461	-34.273238	1892.37	-790.81

2.4 Star Slots

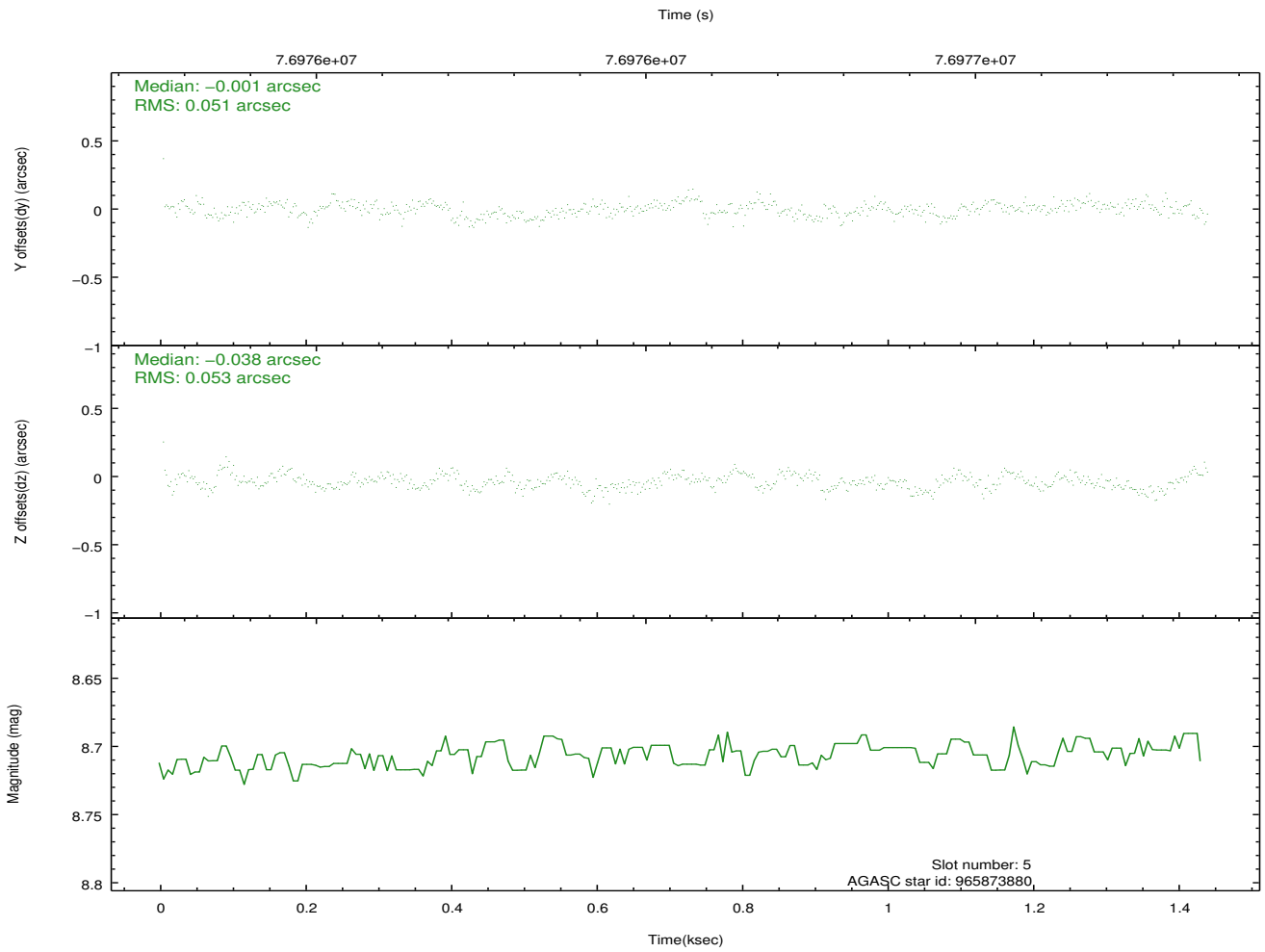
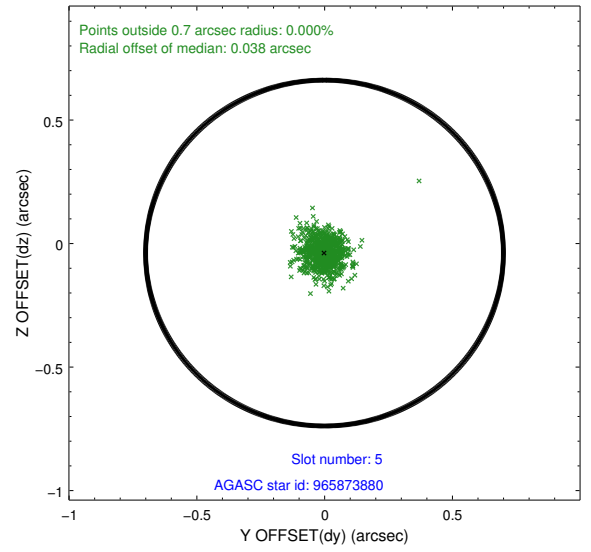
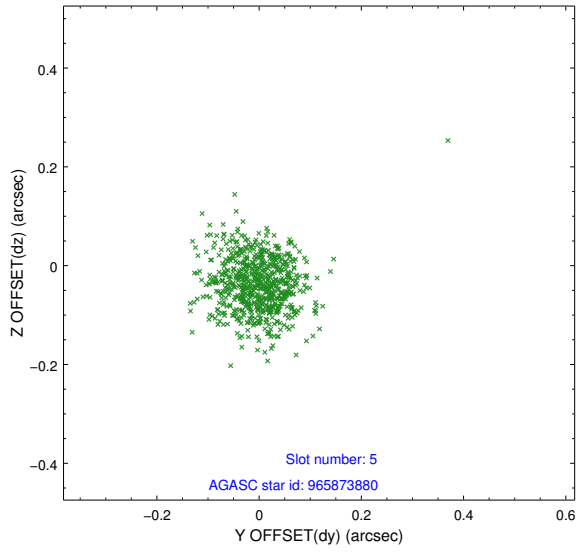
2.4.1 Slot 3



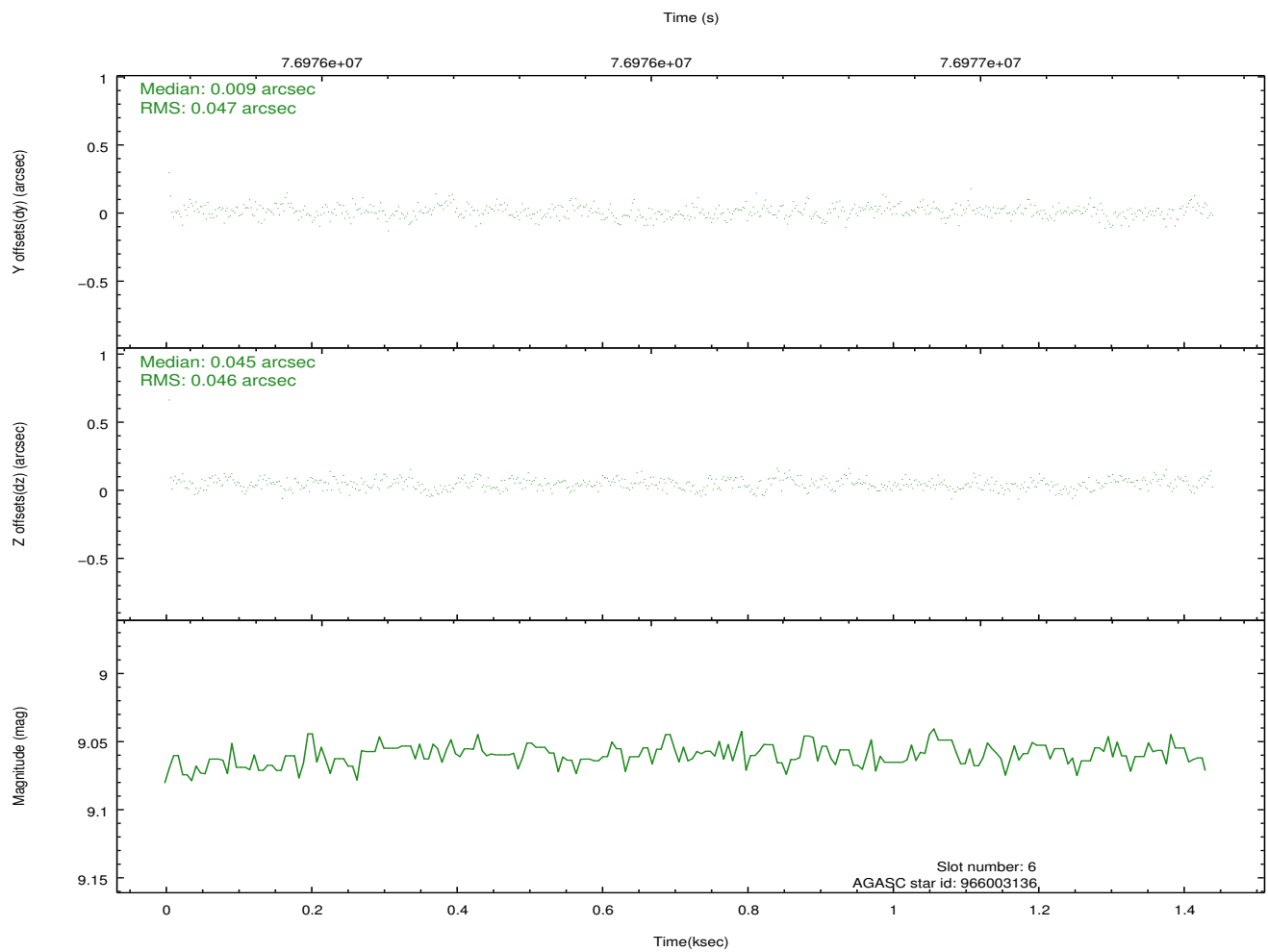
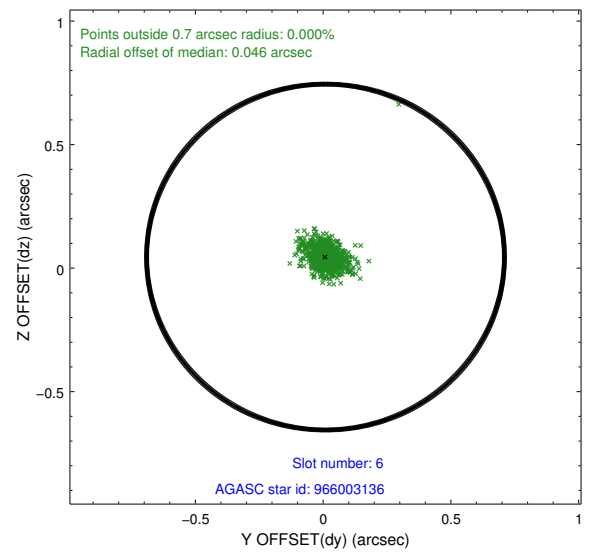
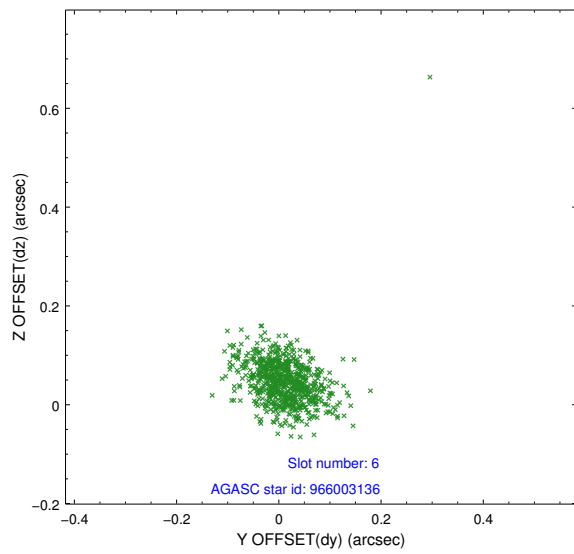
2.4.2 Slot 4



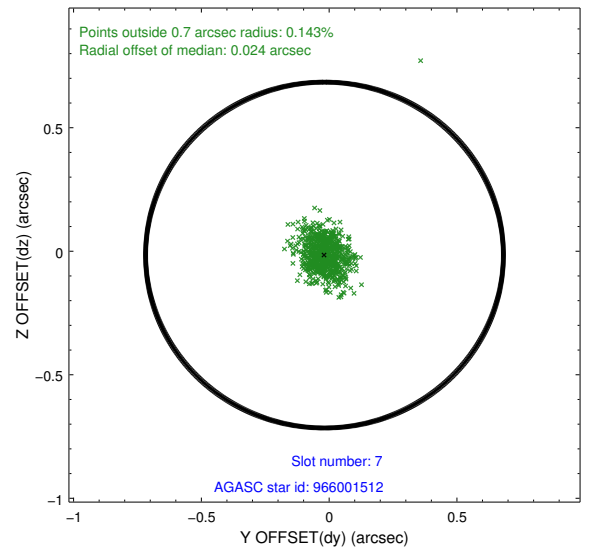
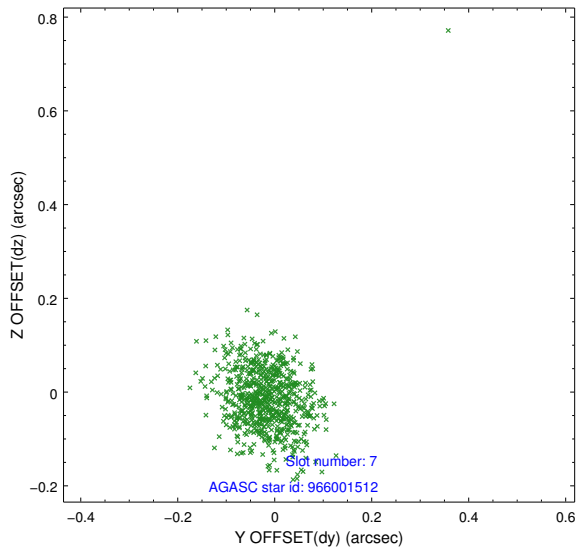
2.4.3 Slot 5



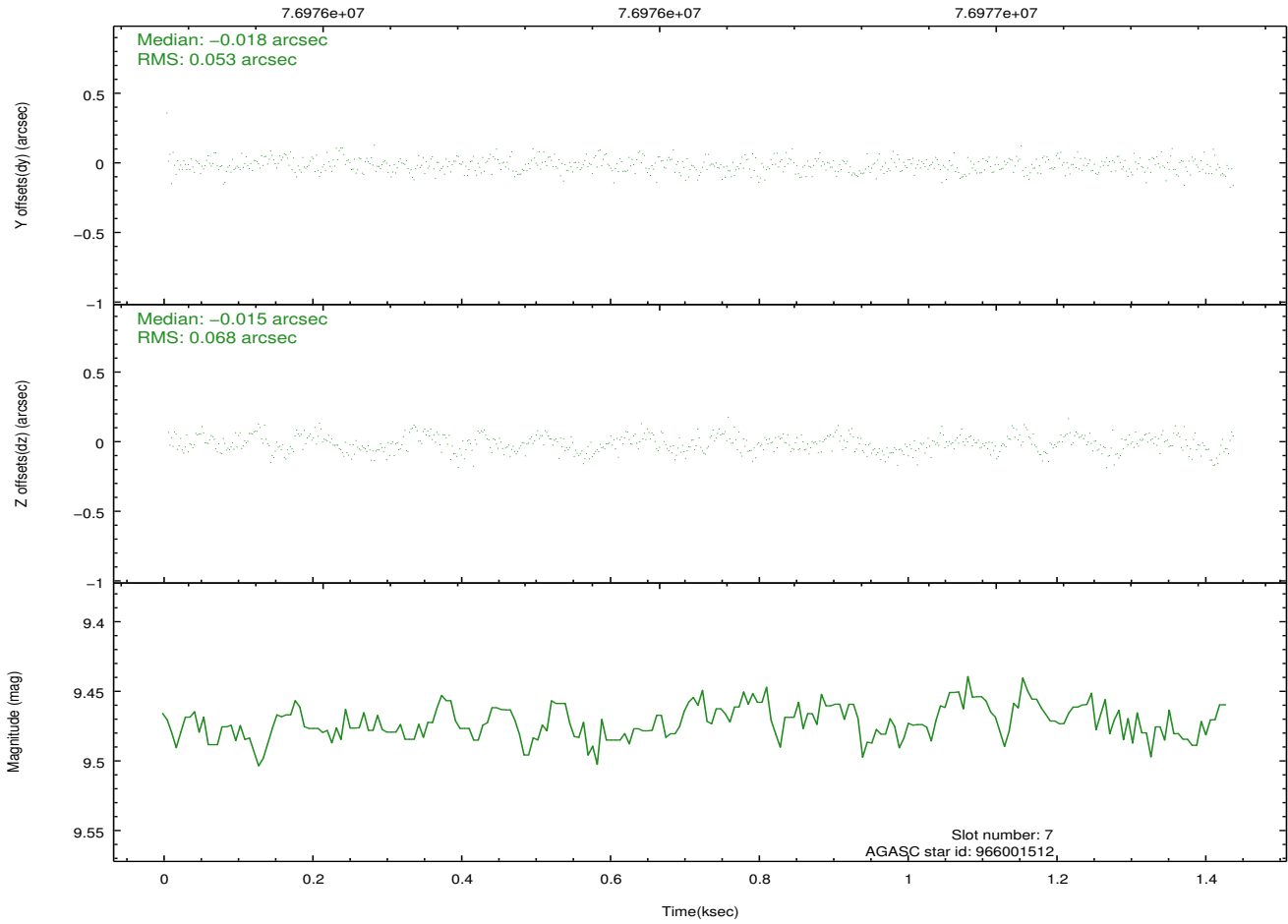
2.4.4 Slot 6



2.4.5 Slot 7

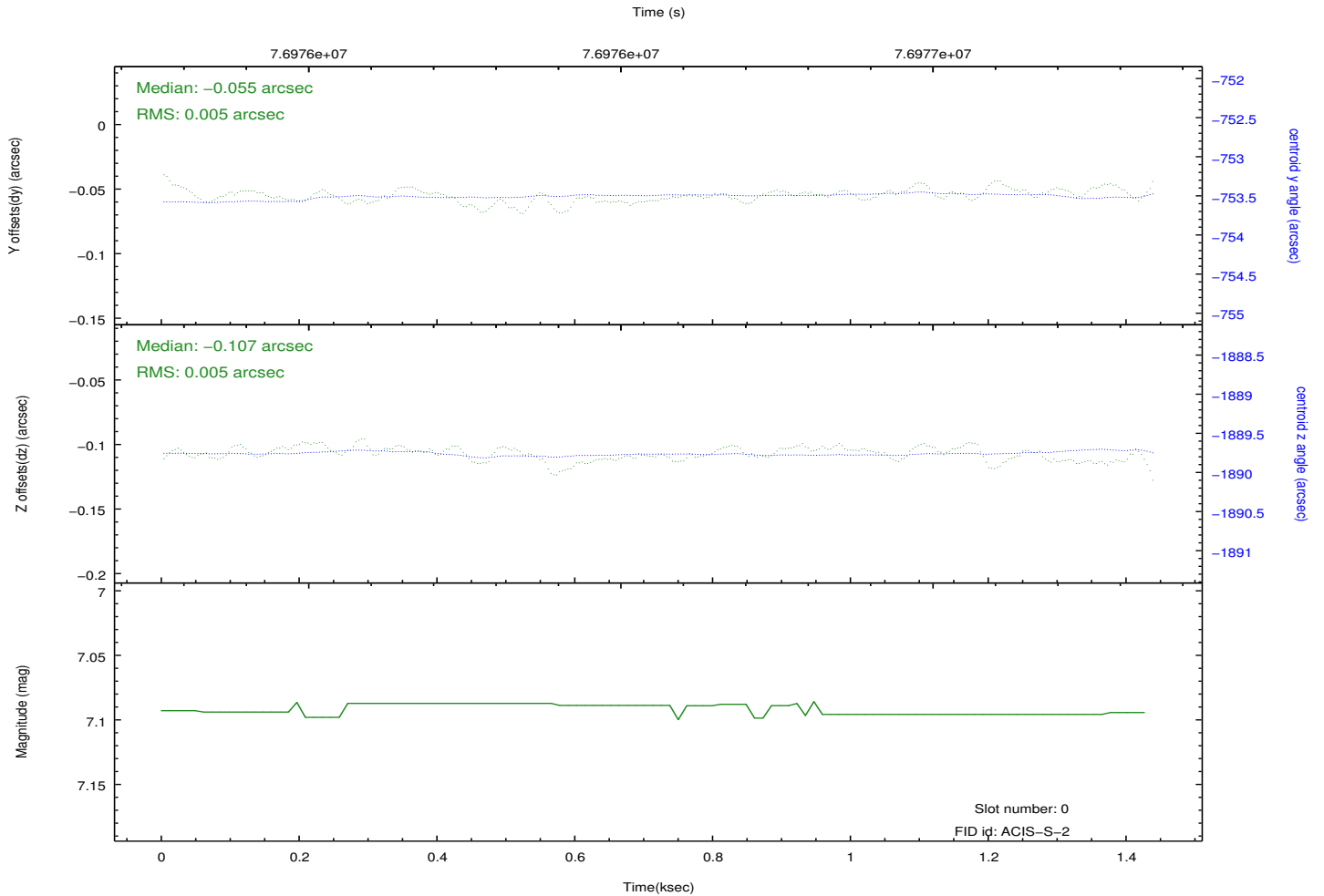
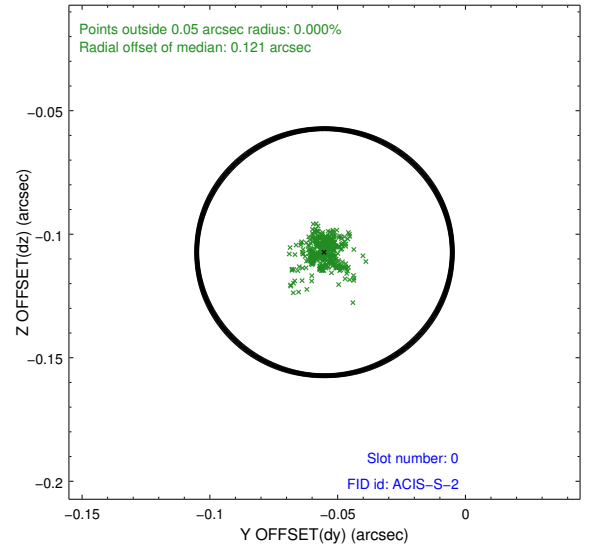
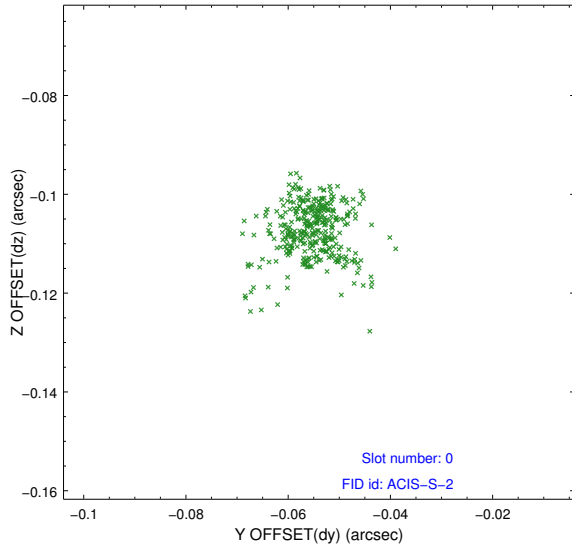


Time (s)

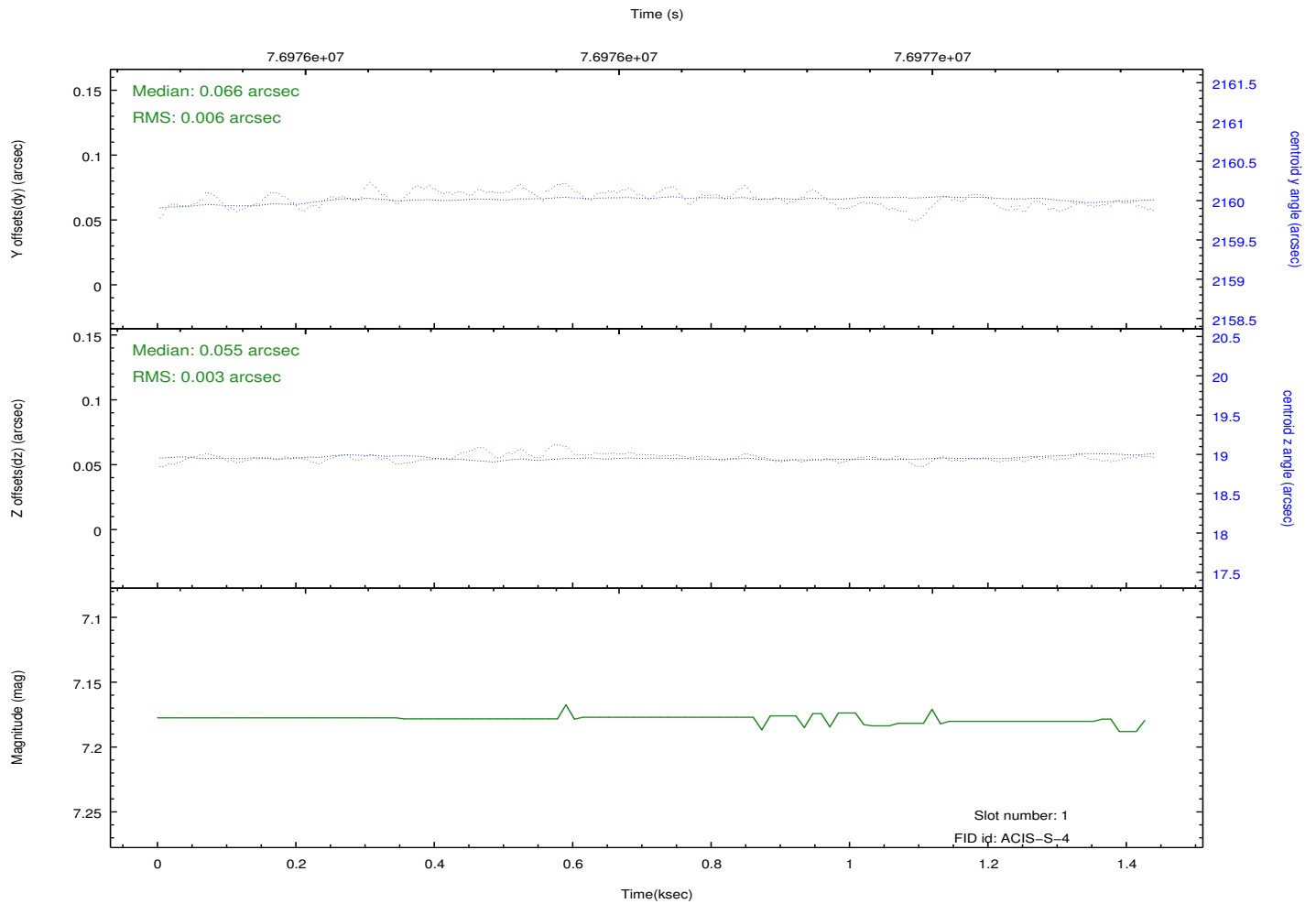
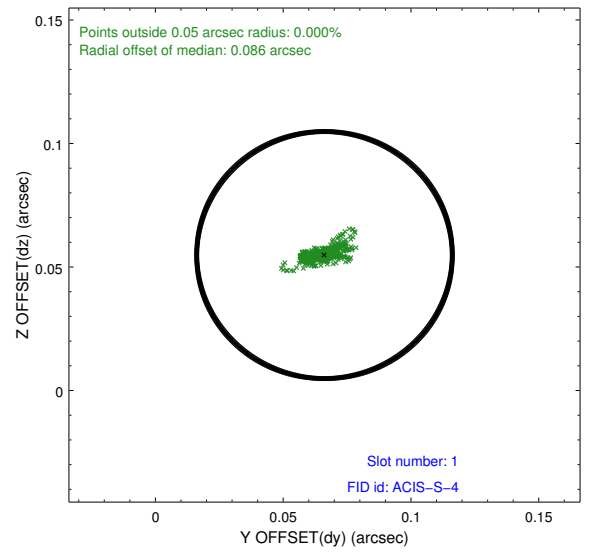
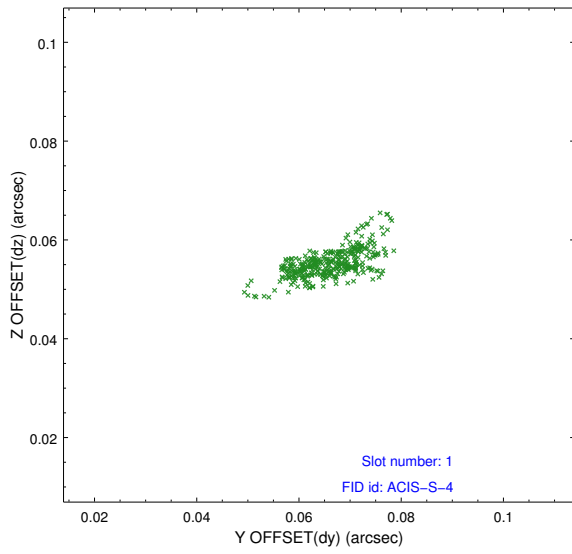


2.5 FID Slots

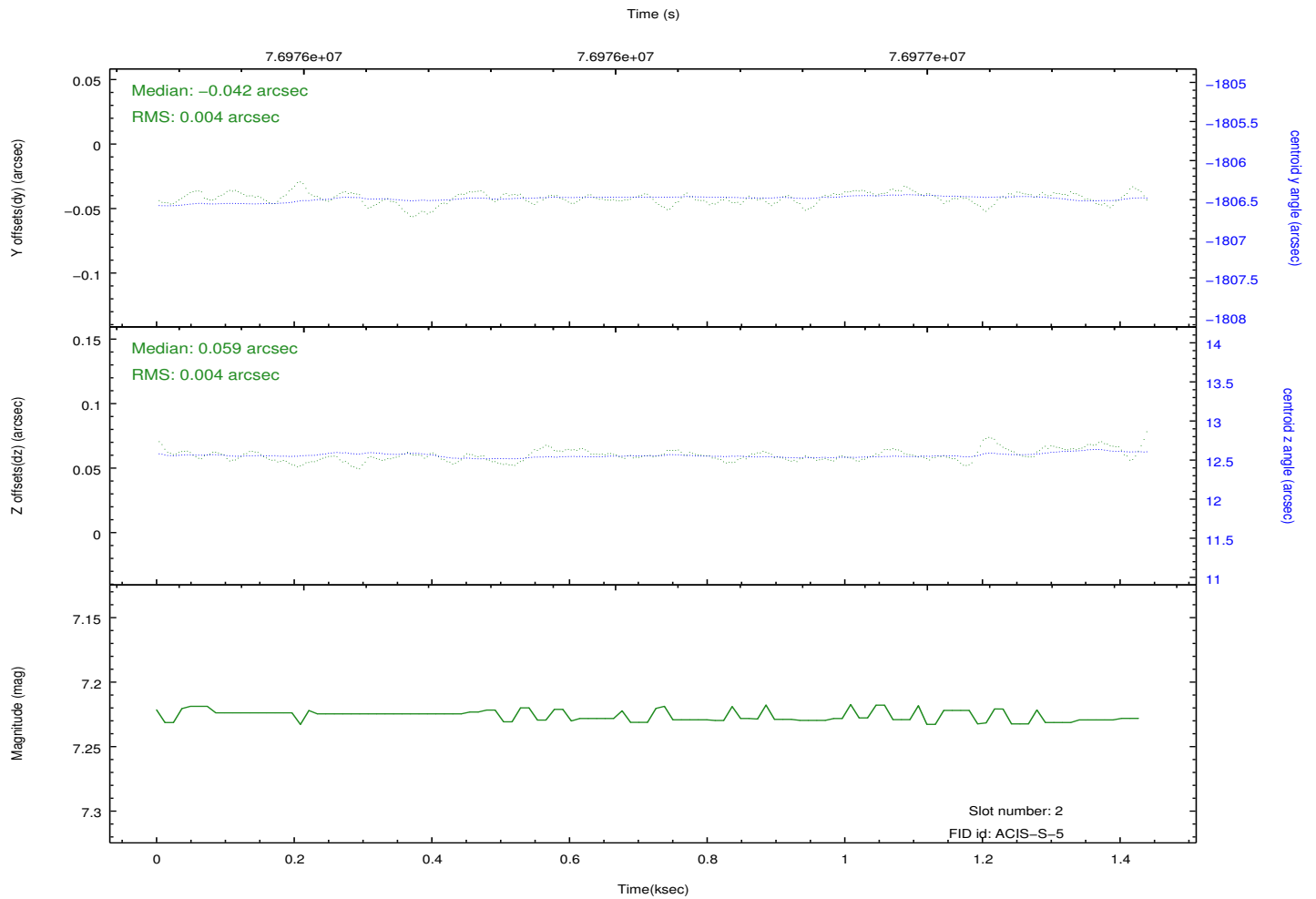
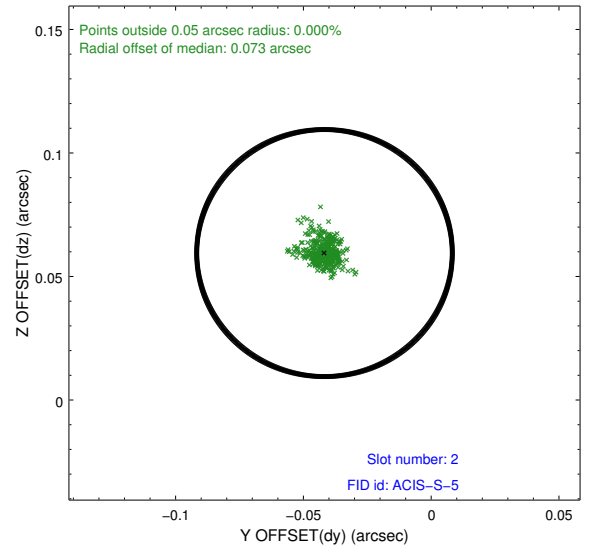
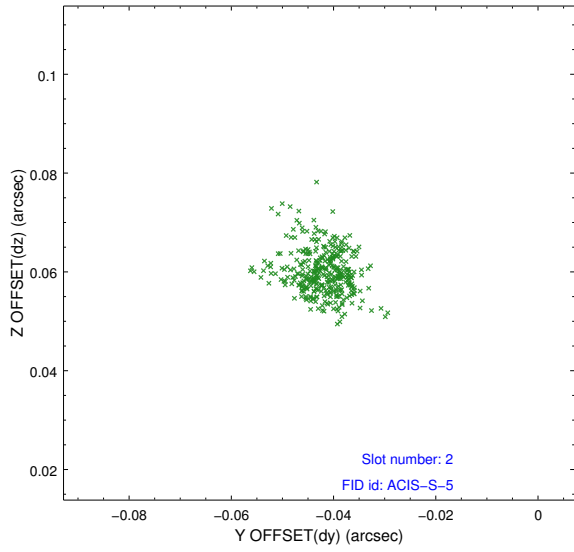
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.948

A.2 Comments