

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3774 - L2 Version 3
Chandra X-Ray Center

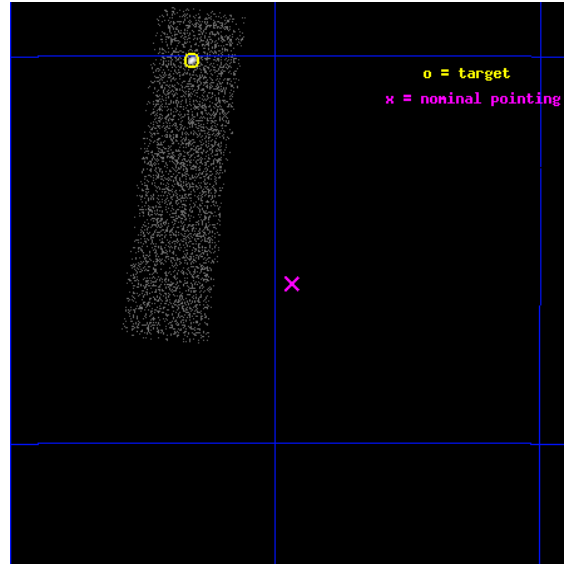
L2 Processing Date : Oct 17 2012

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1 Front

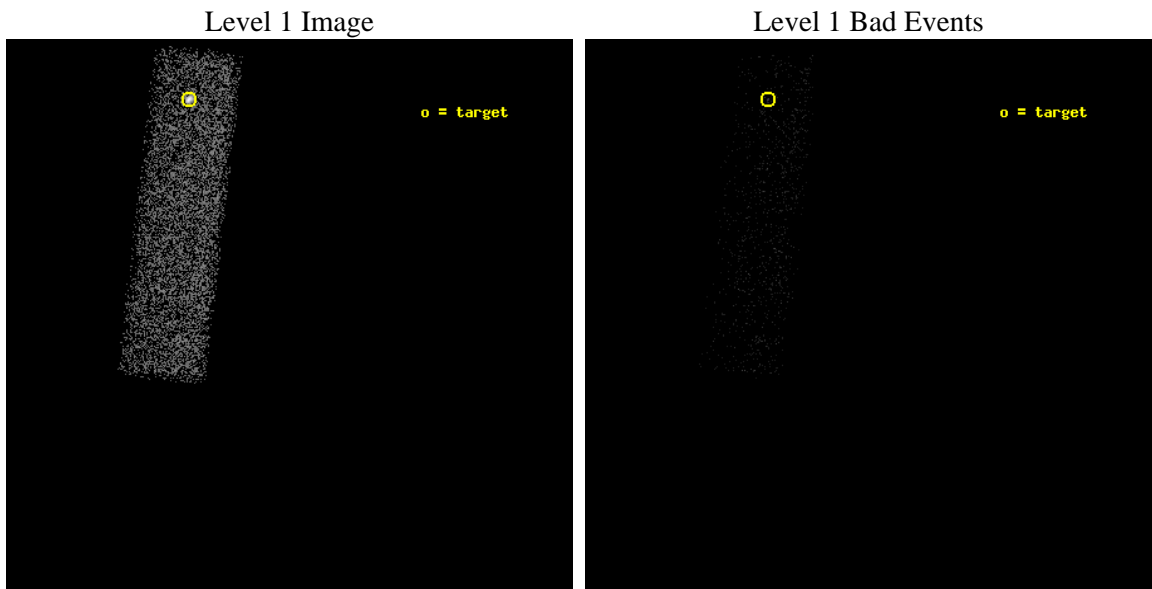
seq_num	300099	Sequence number
obs_id	3774	Observation id
title	MULTIWAVELNGTH TARGET OF OPPORTUNITY OBSERVATIONS OF A BRIGHT NOVA IN OUTBURST	Proposal title
observer	Regents' Professor Sumner Starrfield	Principal investigator
object	V4743 Sgr	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	285.289083	Observer's specified target RA [deg]
dec_targ	-22.001639	Observer's specified target Dec [deg]
ra_nom	285.24193907244	Nominal RA [deg]
dec_nom	-22.097943077702	Nominal Dec [deg]
roll_nom	276.60590371713	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5308.0000790954	Sum of GTIs [s]
livetime	5048.987043751	Livetime [s]
ontime7	5308.0000790954	Sum of GTIs [s]
l2events	6247	Number of level 2 events



2 OBI

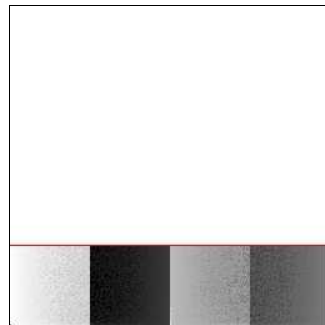
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	4950.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5308.0000790954	Sum of GTIs [s]
caldbver	4.5.2	 	ontime7	5308.0000790954	Sum of GTIs [s]
date	2012-10-17T11:07:17	Date and time of file creation	l1events	13495	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

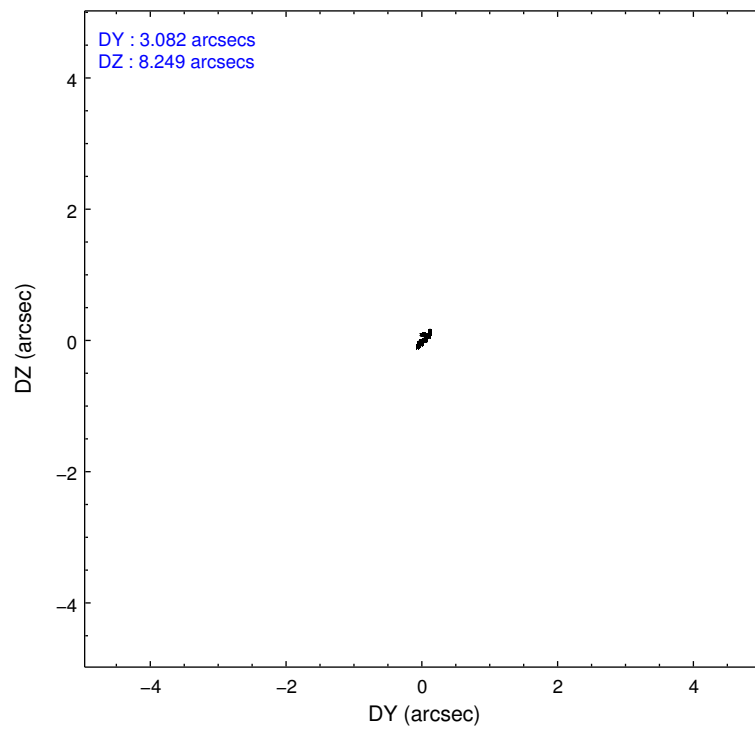
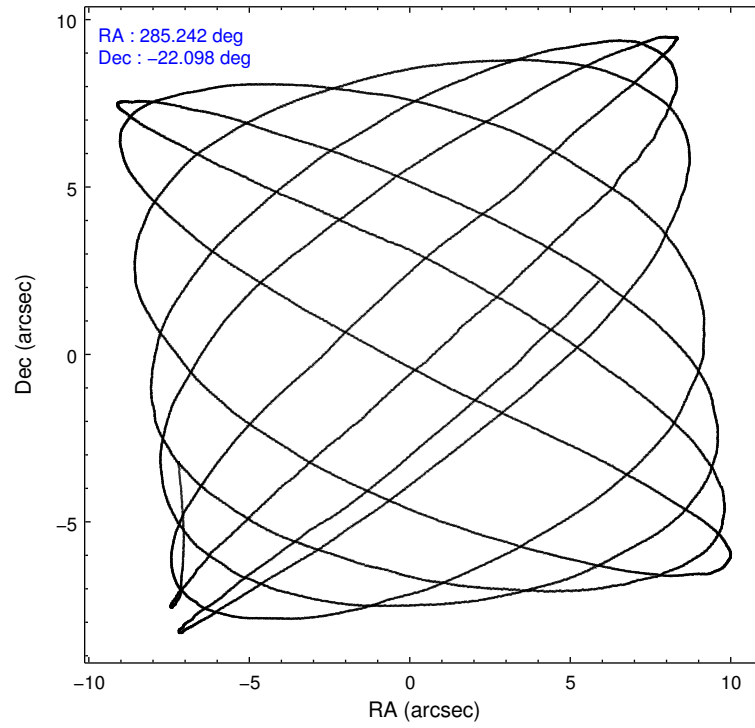
	ccd 7
level 1 events	13495
rejected events	7119
rejected %	52%

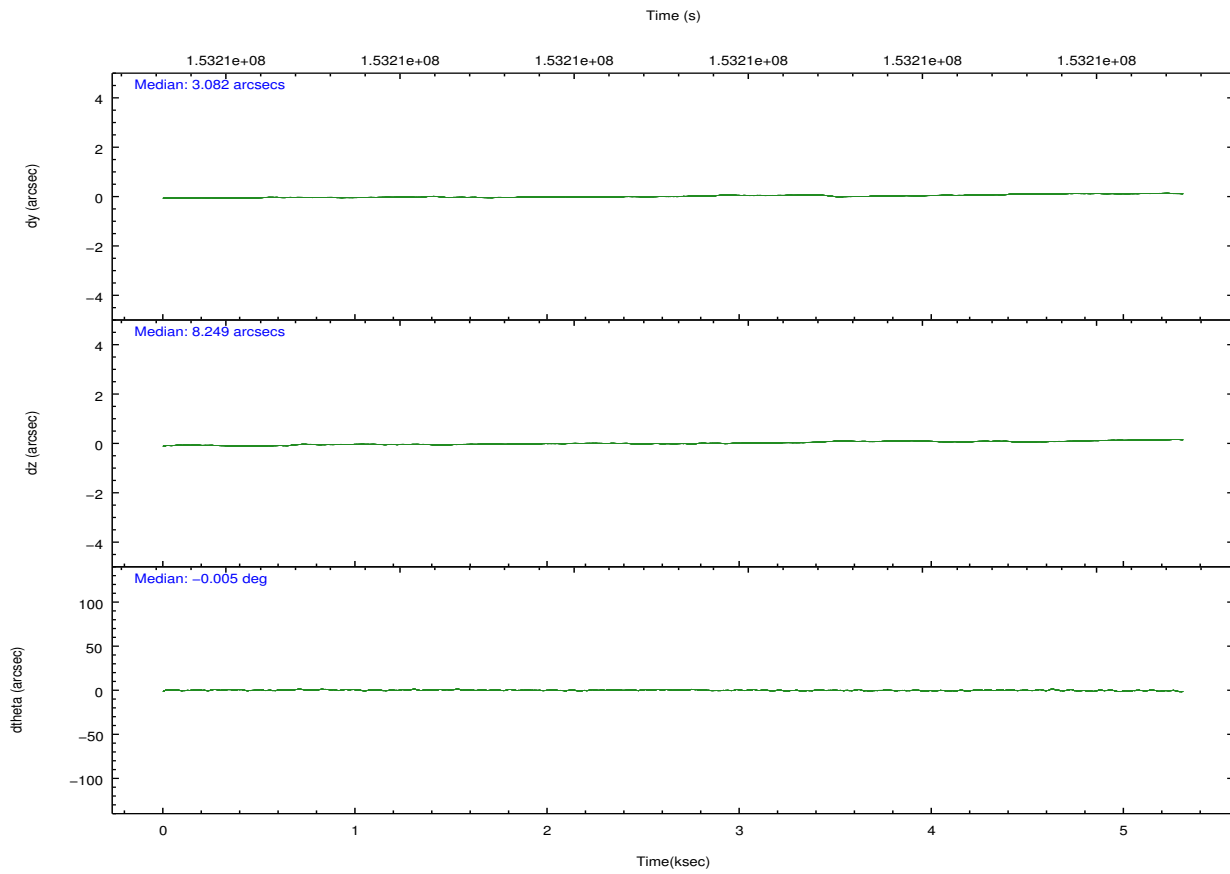
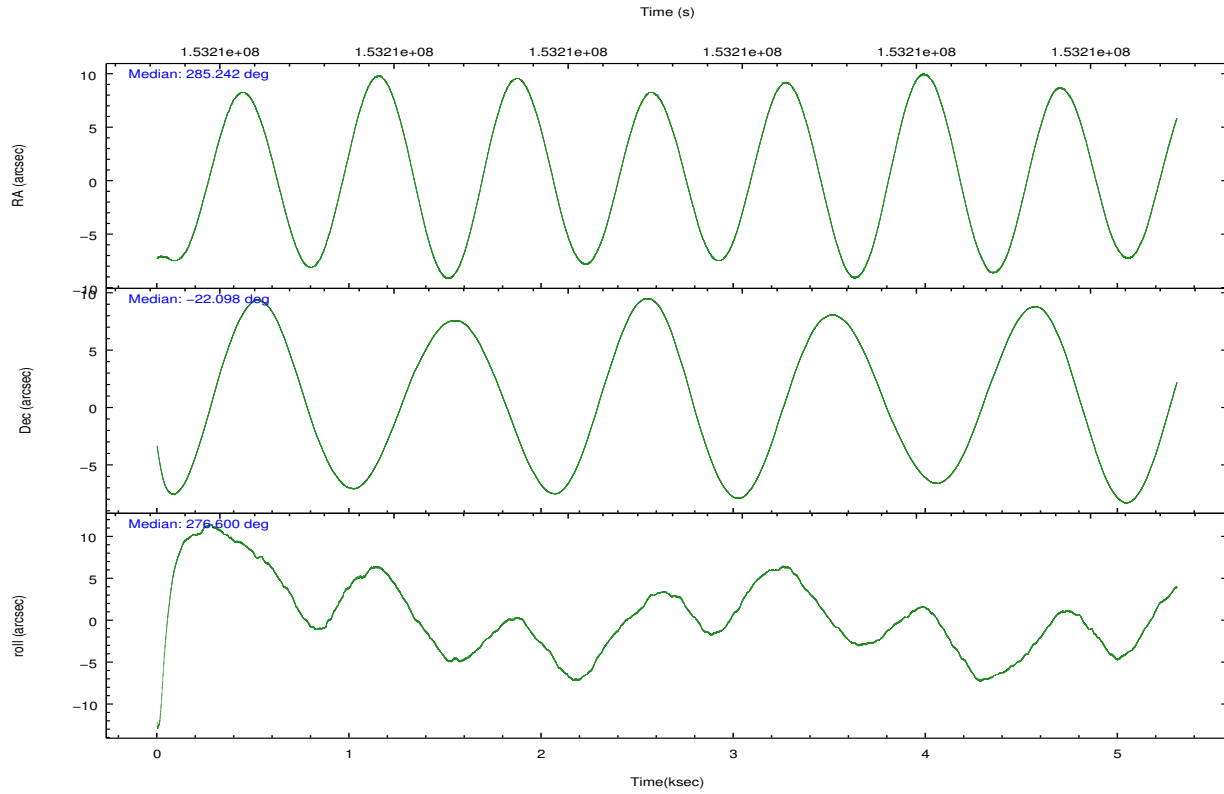
	ccd 7
grade 0 events	1005
	7%
grade 1 events	14
	0%
grade 2 events	1448
	10%
grade 3 events	834
	6%
grade 4 events	763
	5%
grade 5 events	1120
	8%
grade 6 events	2774
	20%
grade 7 events	5537
	41%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	285.224170	285.2419390724372	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	-22.076205	-22.09794307770224	Subarray start row	1	1
[deg] Pointing Roll	276.442648	276.6059037171295	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	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	153209273.184000	153208225.46474			
Observation start date	2002-11-09T06:06:49	2002-11-09T05:50:25			
[s] Observation end time (MET)	153214223.184000	153215135.50253			
Observation end date	2002-11-09T07:29:19	2002-11-09T07:45:35			
Read mode	TIMED	TIMED			

2.3 Aspect



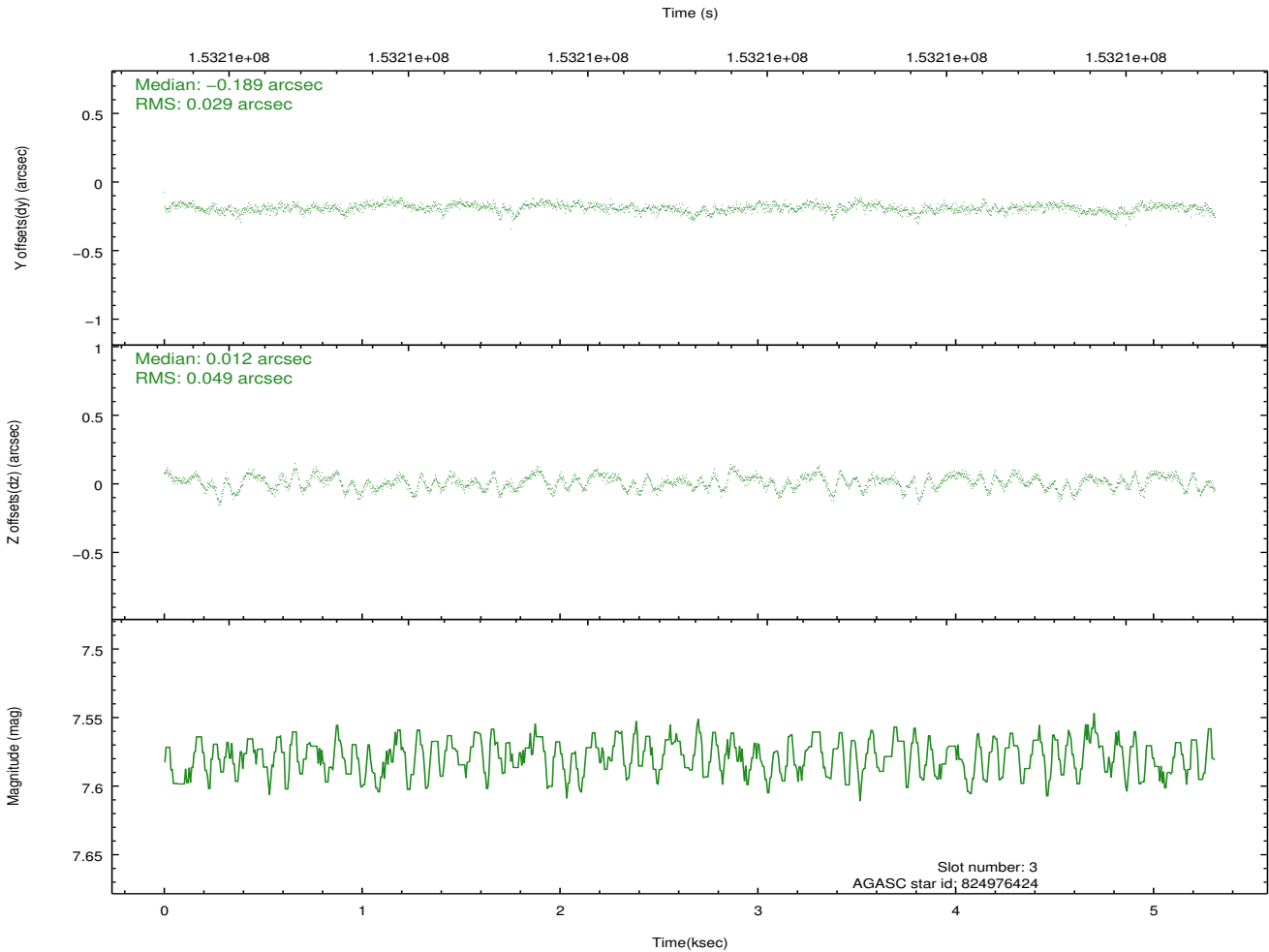
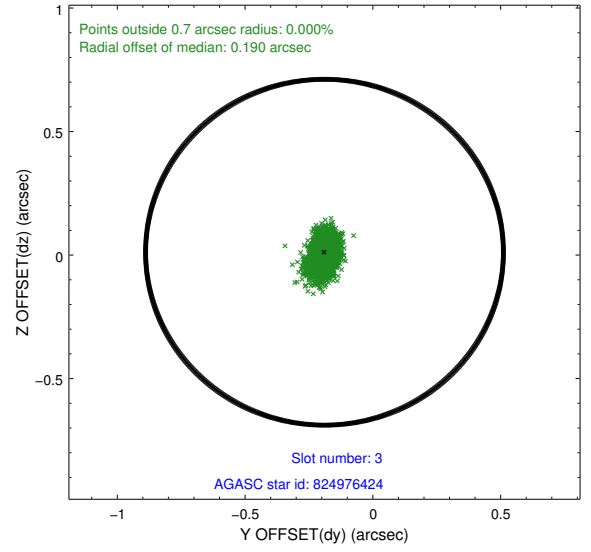
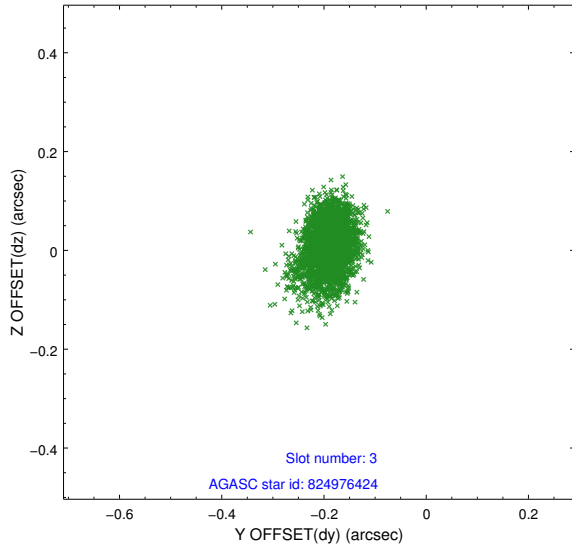


Slot Statistics

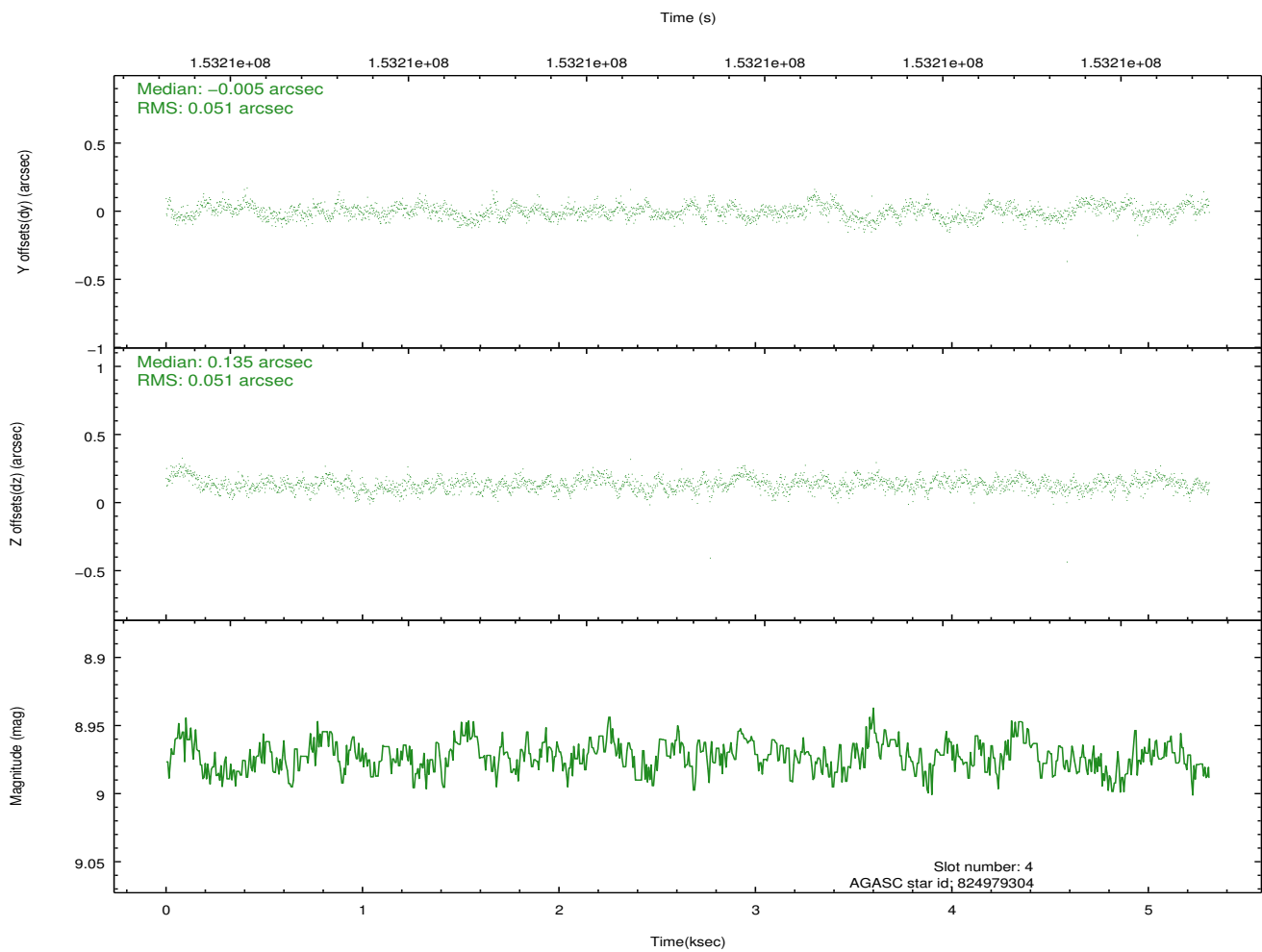
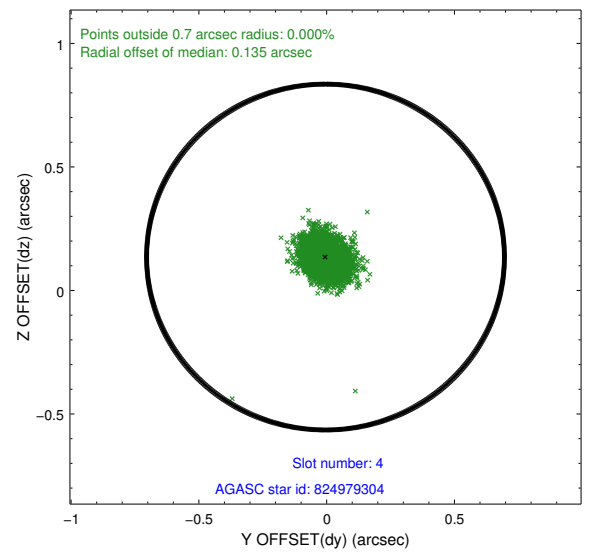
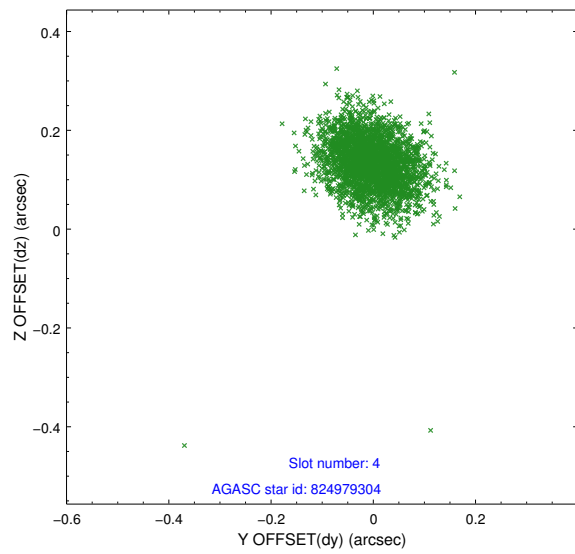
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	1295	0.035	-0.005	0.008	0.013	0.000000	0.000000	940.30	-1725.06
1	FID	ACIS-S-5	7.24	1296	-0.029	0.044	0.007	0.012	0.000000	0.000000	-1808.09	171.42
2	FID	ACIS-S-6	7.35	1295	-0.027	-0.027	0.008	0.013	0.000000	0.000000	404.61	816.56
3	GUIDE	824976424	7.58	2589	-0.189	0.012	0.059	0.100	284.900091	-21.828249	-1007.16	-975.45
4	GUIDE	824979304	8.97	2590	-0.005	0.135	0.075	0.121	285.497931	-22.093264	164.17	901.01
5	GUIDE	899154168	9.44	2590	0.241	-0.158	0.109	0.179	284.628850	-22.662641	1880.71	-2201.43
6	GUIDE	824979864	9.37	2590	-0.079	-0.050	0.088	0.144	284.670947	-21.972498	-573.76	-1793.90
7	GUIDE	824977064	9.78	2590	0.034	0.064	0.120	0.193	285.607583	-22.499923	1660.51	1096.20

2.4 Star Slots

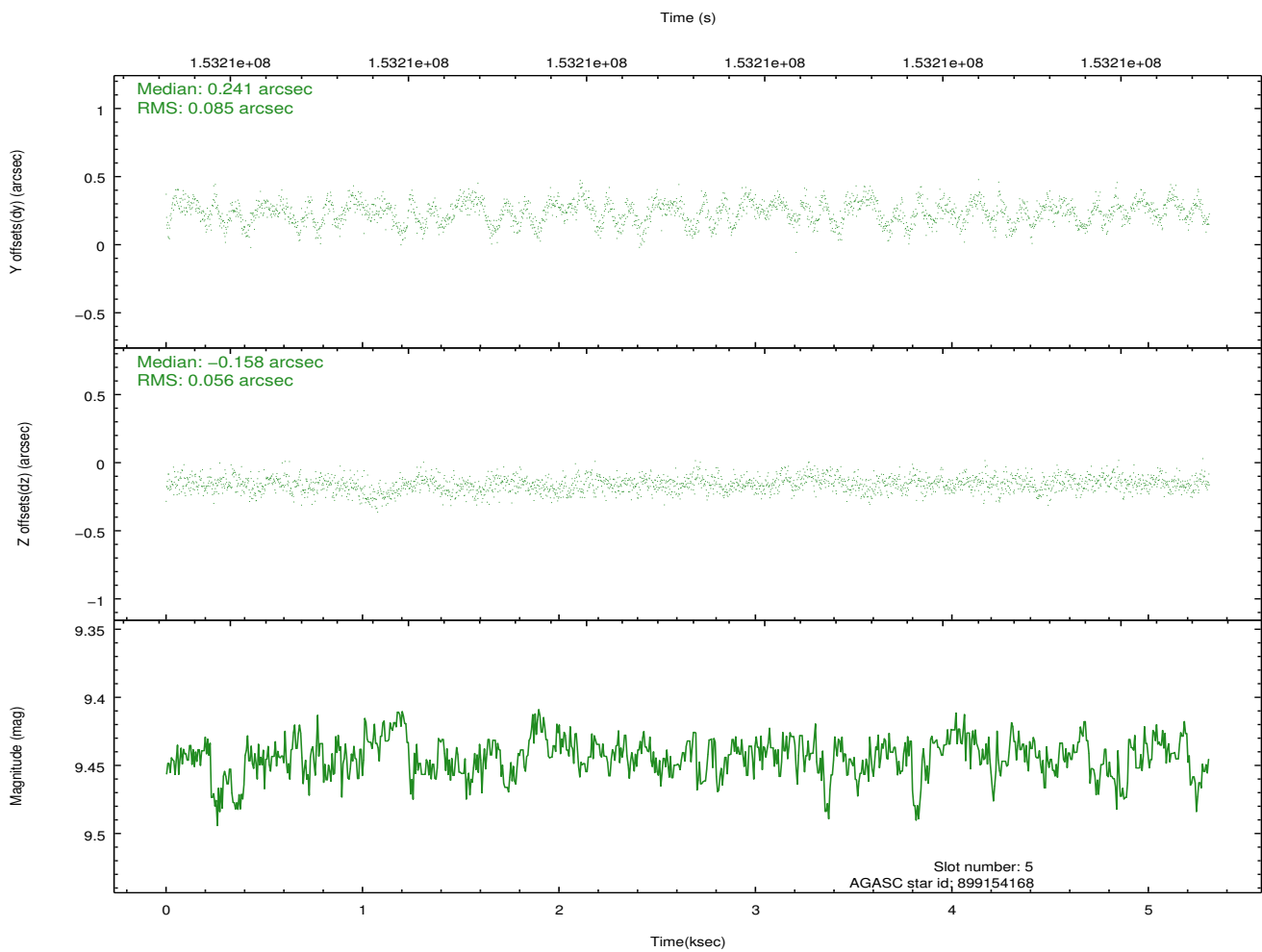
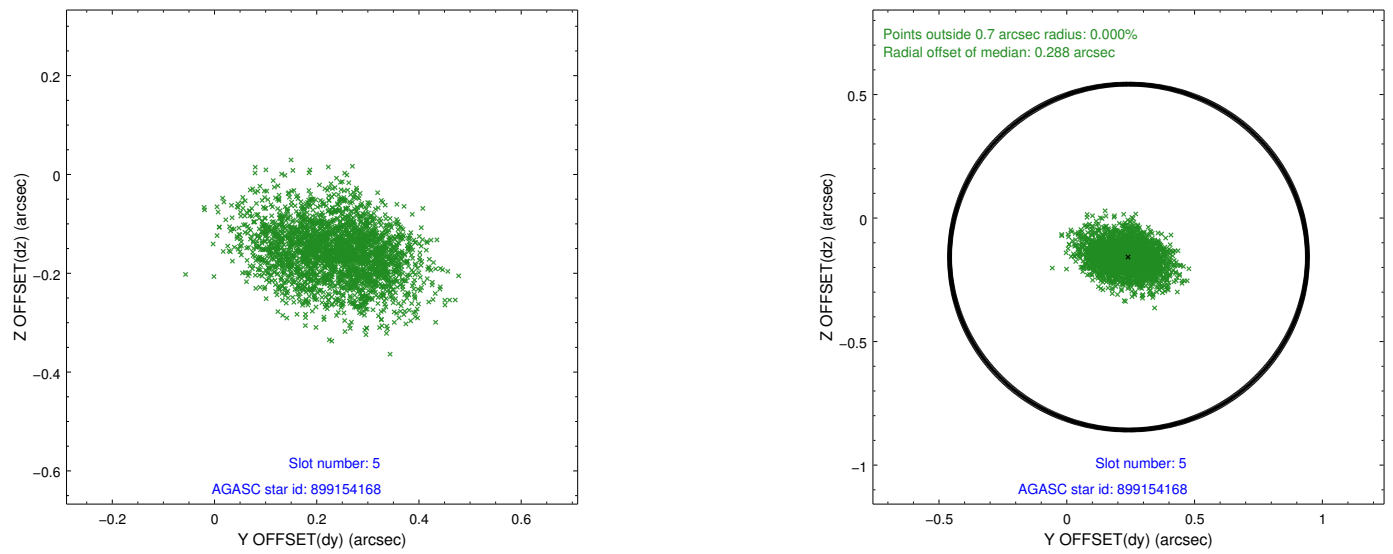
2.4.1 Slot 3



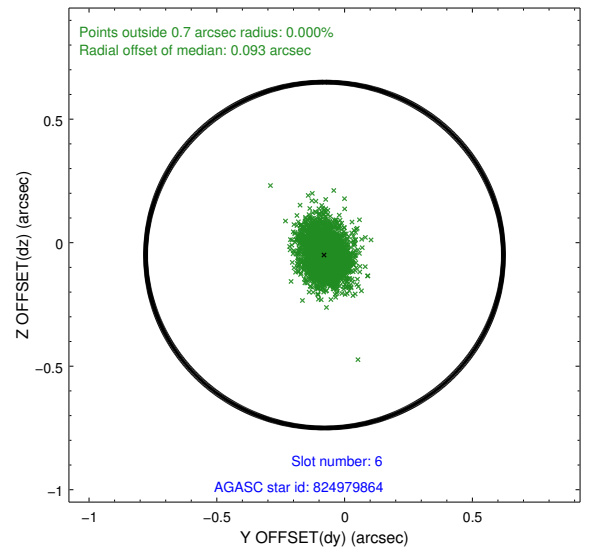
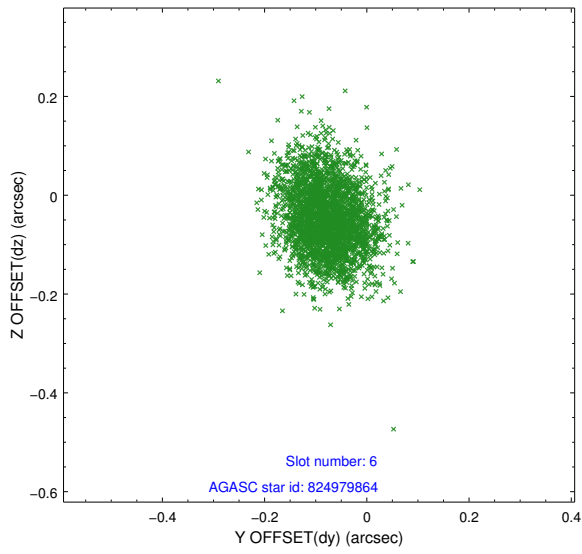
2.4.2 Slot 4



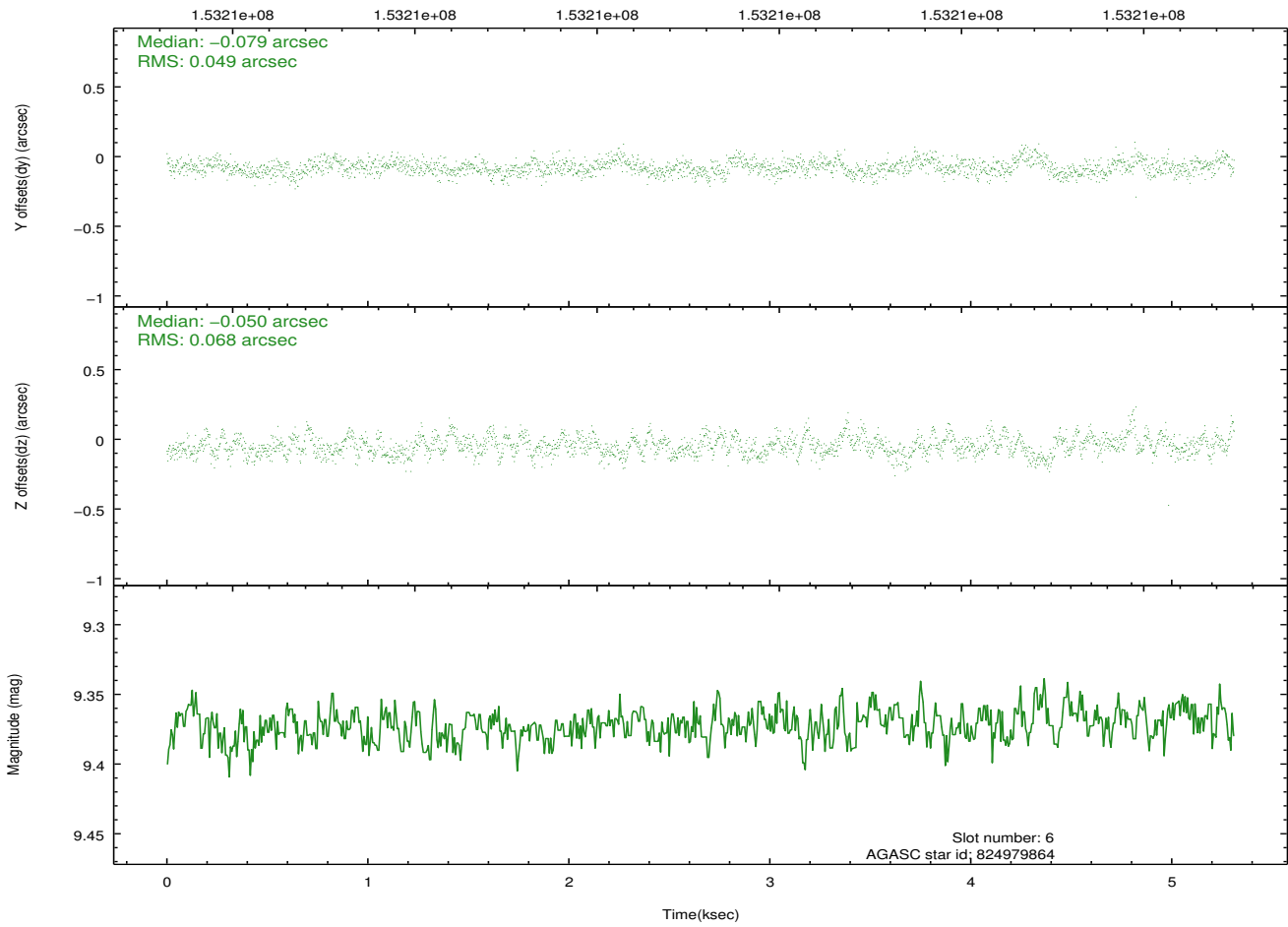
2.4.3 Slot 5



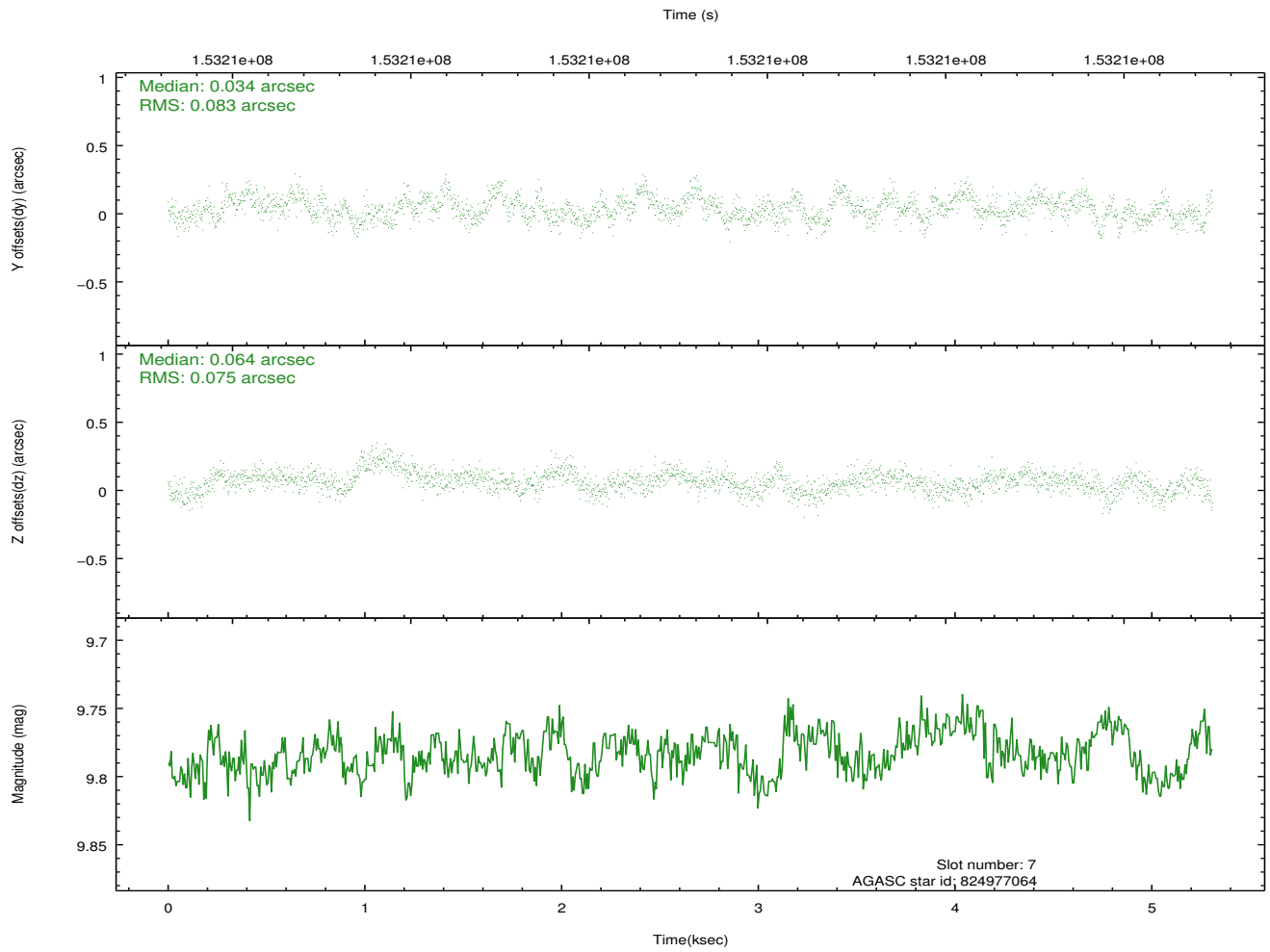
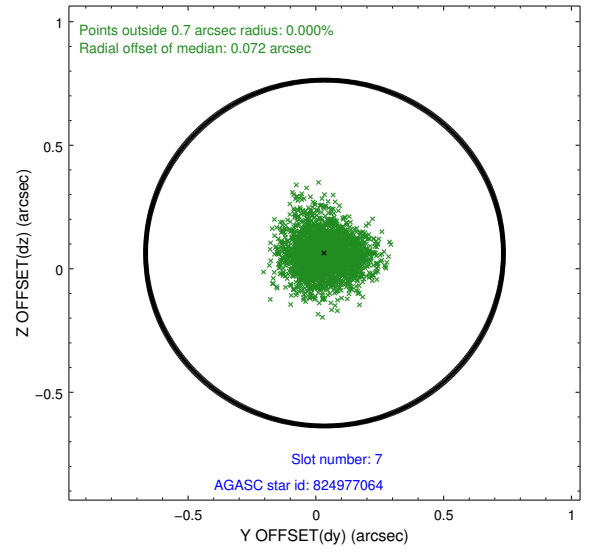
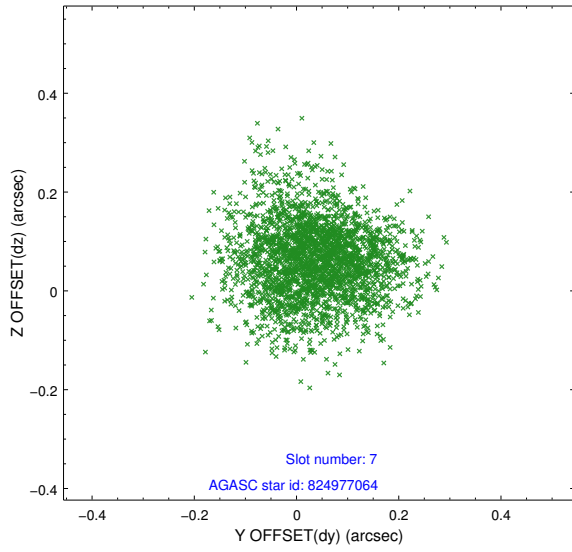
2.4.4 Slot 6



Time (s)

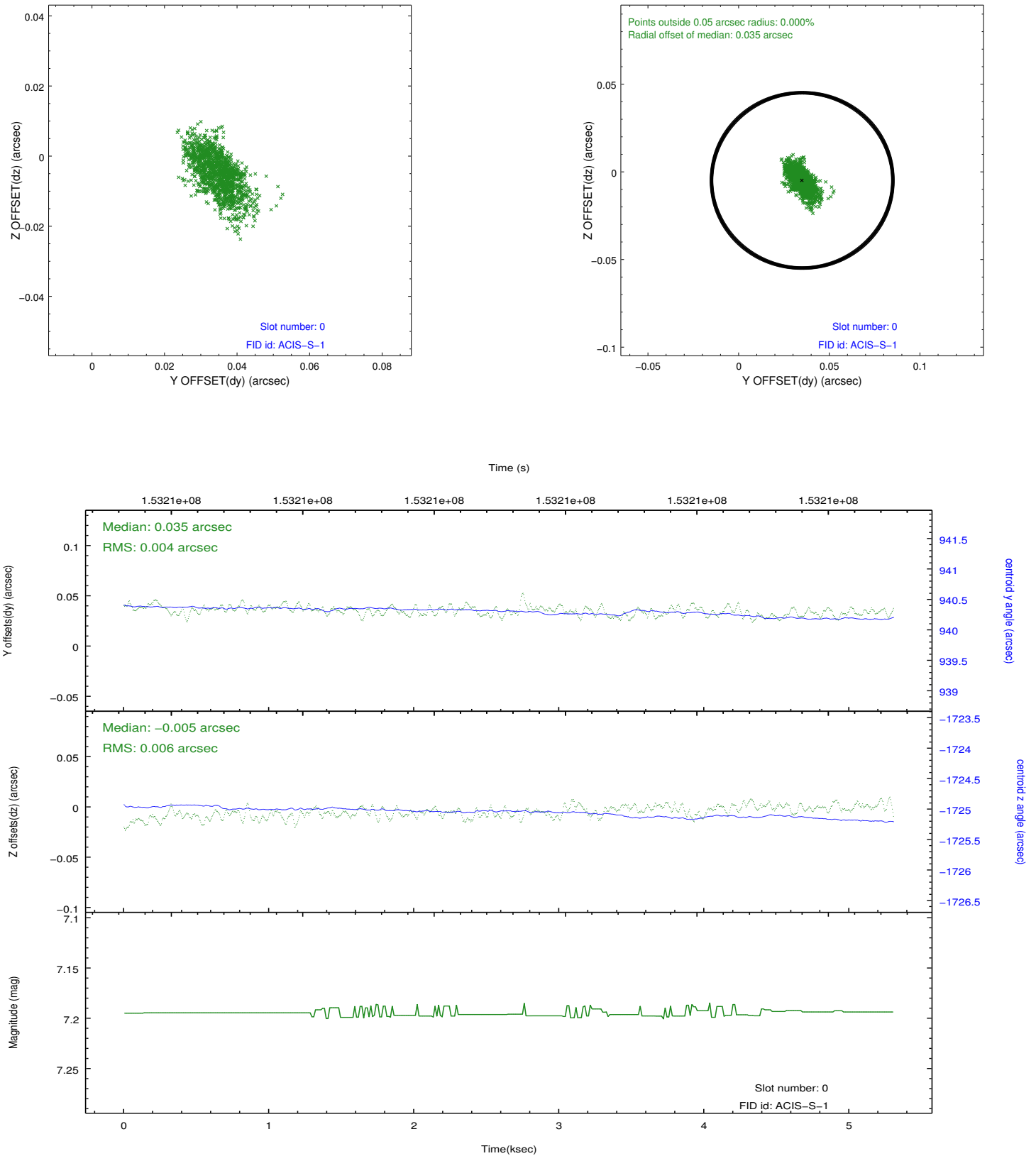


2.4.5 Slot 7

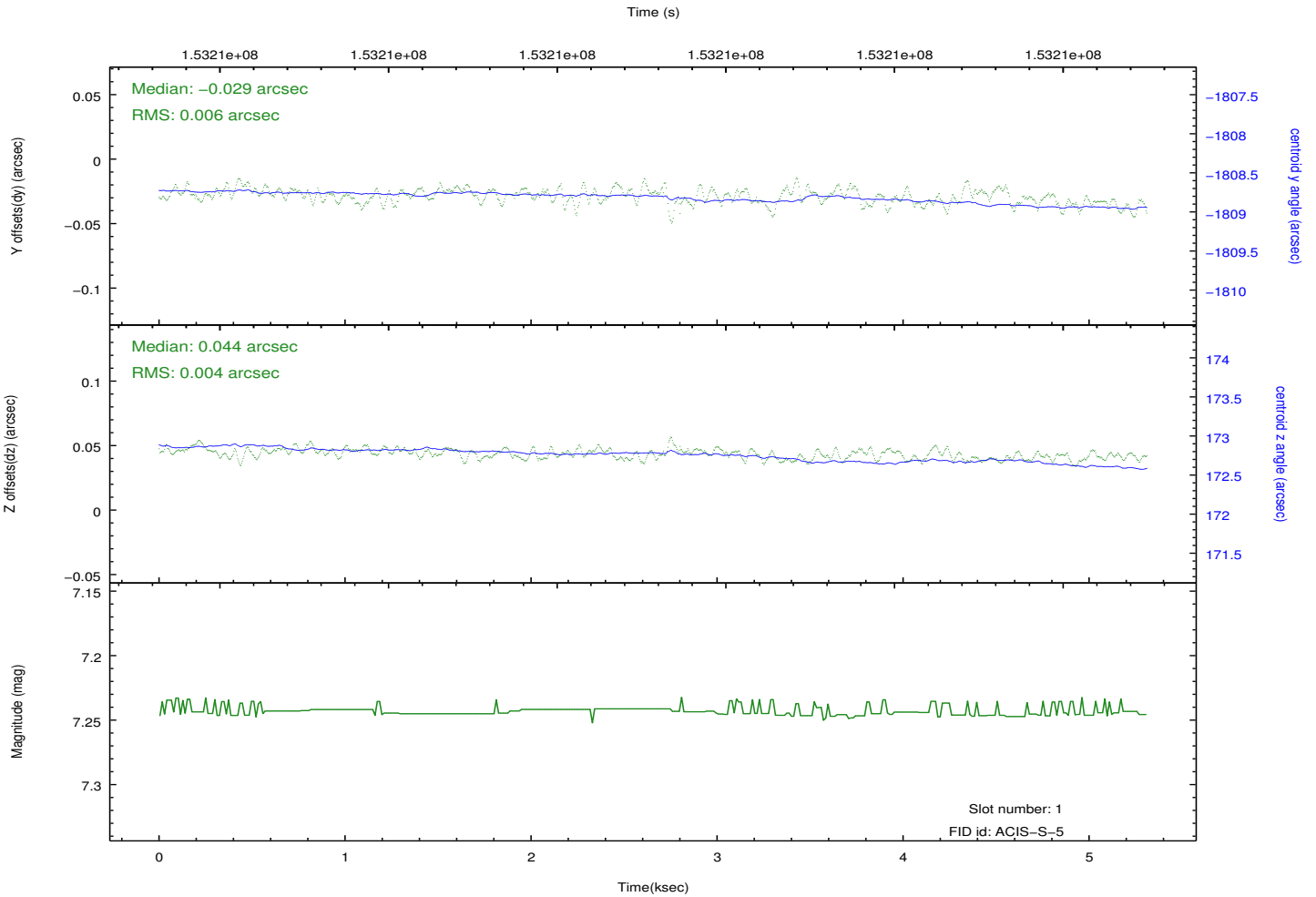
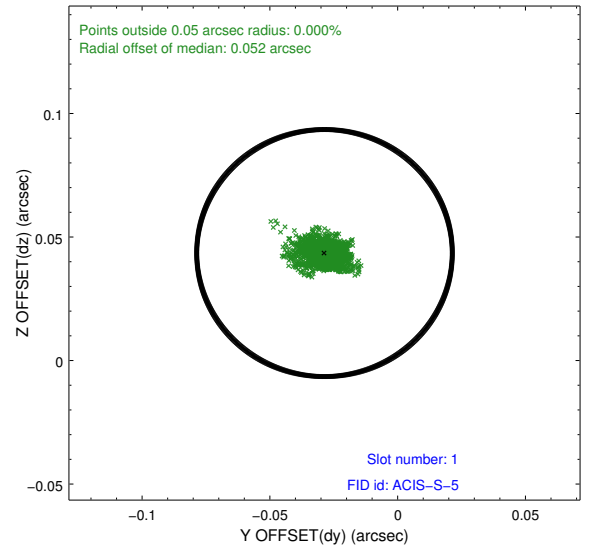
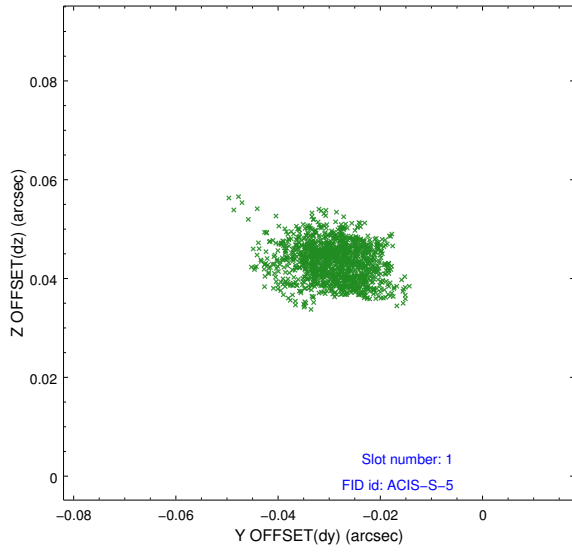


2.5 FID Slots

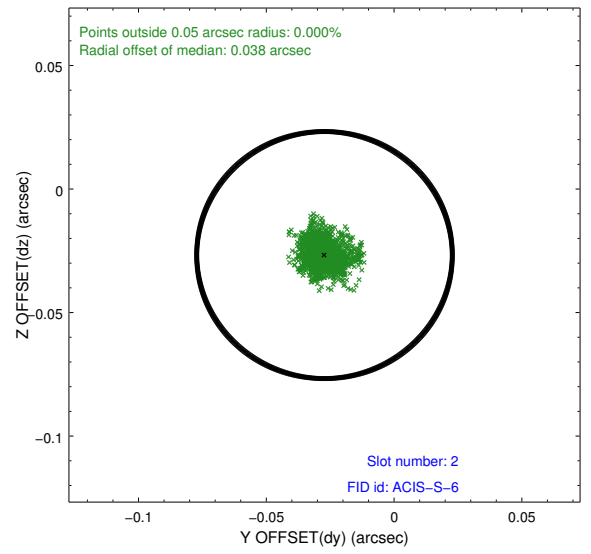
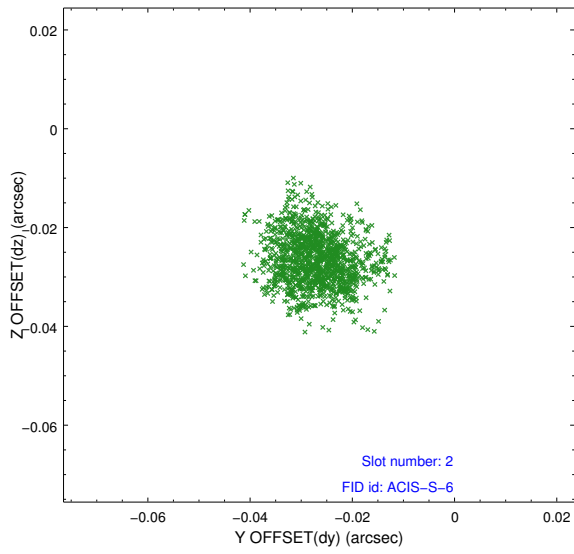
2.5.1 Slot 0



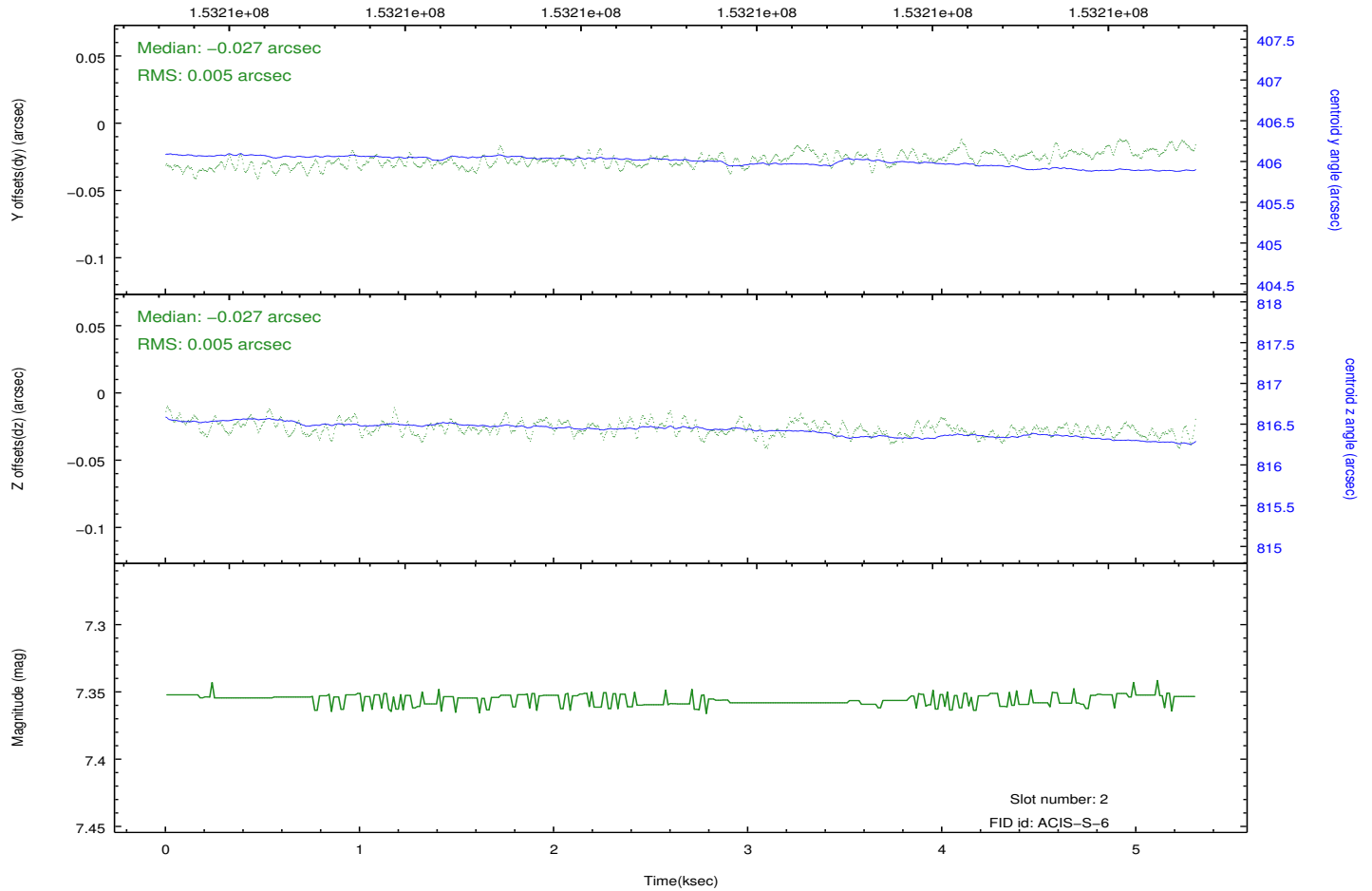
2.5.2 Slot 1



2.5.3 Slot 2



Time (s)



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.10.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.308

A.2 Comments