

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13271 - L2 Version 1
Chandra X-Ray Center

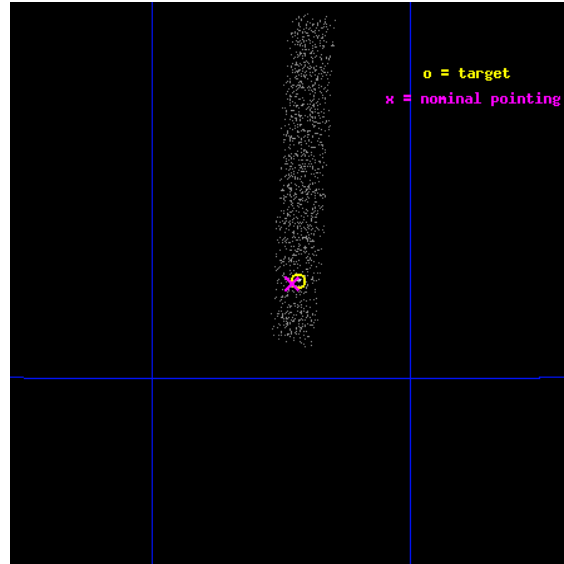
L2 Processing Date : Jan 7 2012

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1 Front

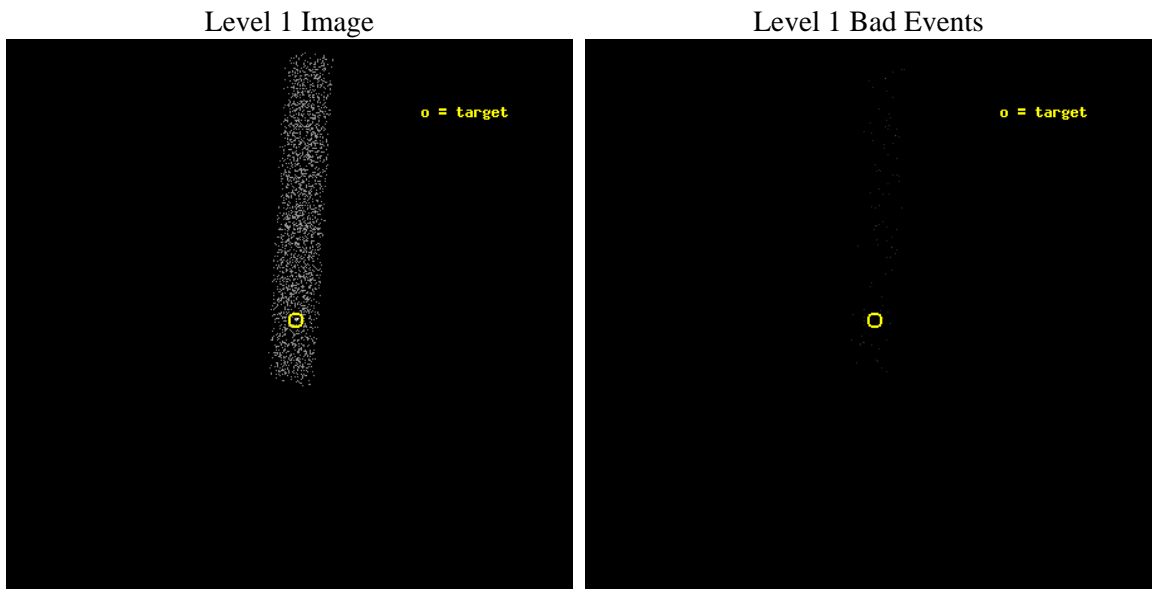
seq_num	200741	Sequence number
obs_id	13271	Observation id
title	A Search for X-ray Emission from Colliding Magnetospheres in Young Eccentric Stellar Binaries (GTO part)	Proposal title
observer	Prof. Gordon Garmire	Principal investigator
object	UZTauE_P2	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	68.179167	Observer's specified target RA [deg]
dec_targ	25.875306	Observer's specified target Dec [deg]
ra_nom	68.182292253603	Nominal RA [deg]
dec_nom	25.87380827639	Nominal Dec [deg]
roll_nom	273.29440019815	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3009.5998206139	Sum of GTIs [s]
livetime	2729.5481775928	Livetime [s]
ontime7	3009.5998206139	Sum of GTIs [s]
l2events	1516	Number of level 2 events



2 OBI

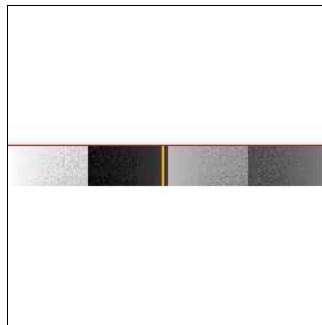
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3000.127000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	3009.5998206139	Sum of GTIs [s]
caldsver	4.4.7	 	ontime7	3009.5998206139	Sum of GTIs [s]
date	2012-01-07T20:24:38	Date and time of file creation	l1events	2751	Number of level 1 events
revision	1	Processing version of data			

2.1.4 Events

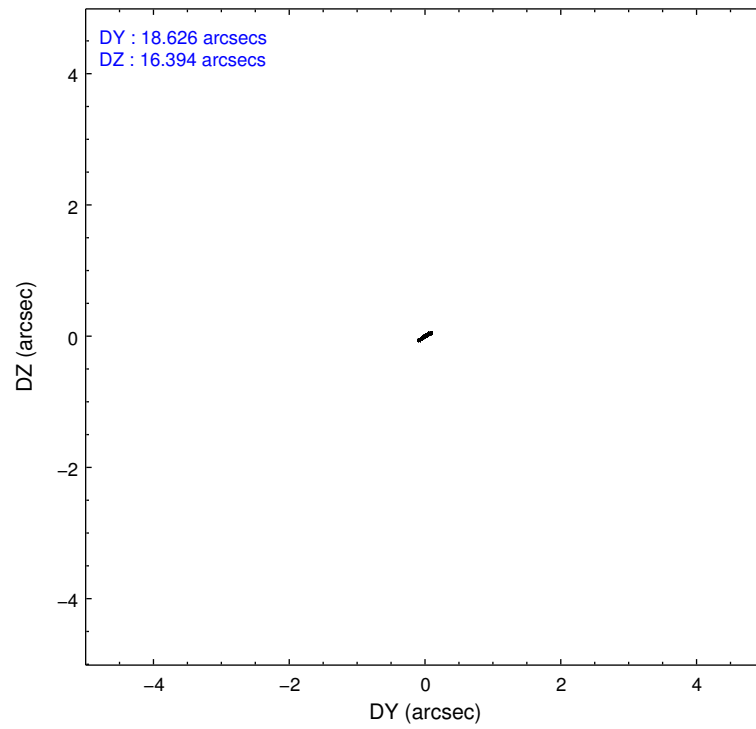
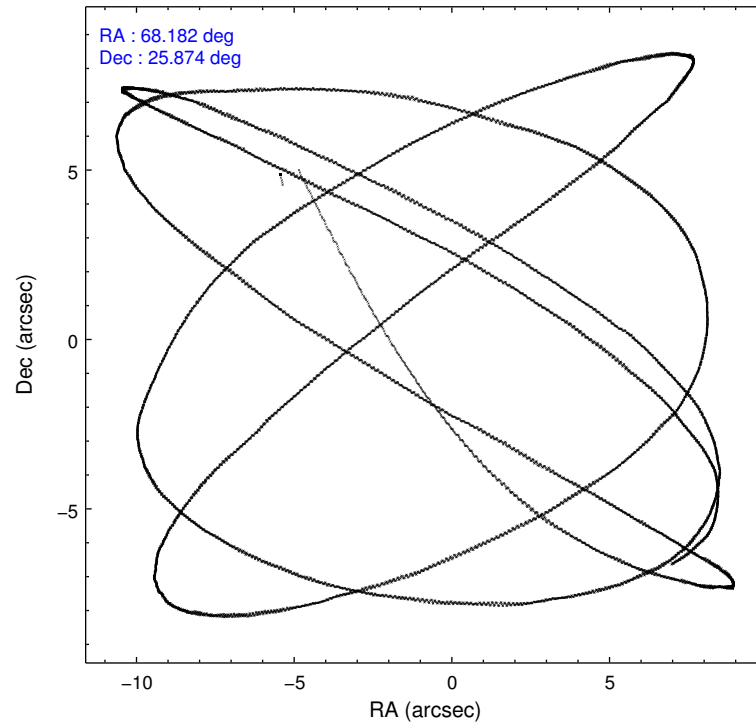
	ccd 7
level 1 events	2751
rejected events	1161
rejected %	42%

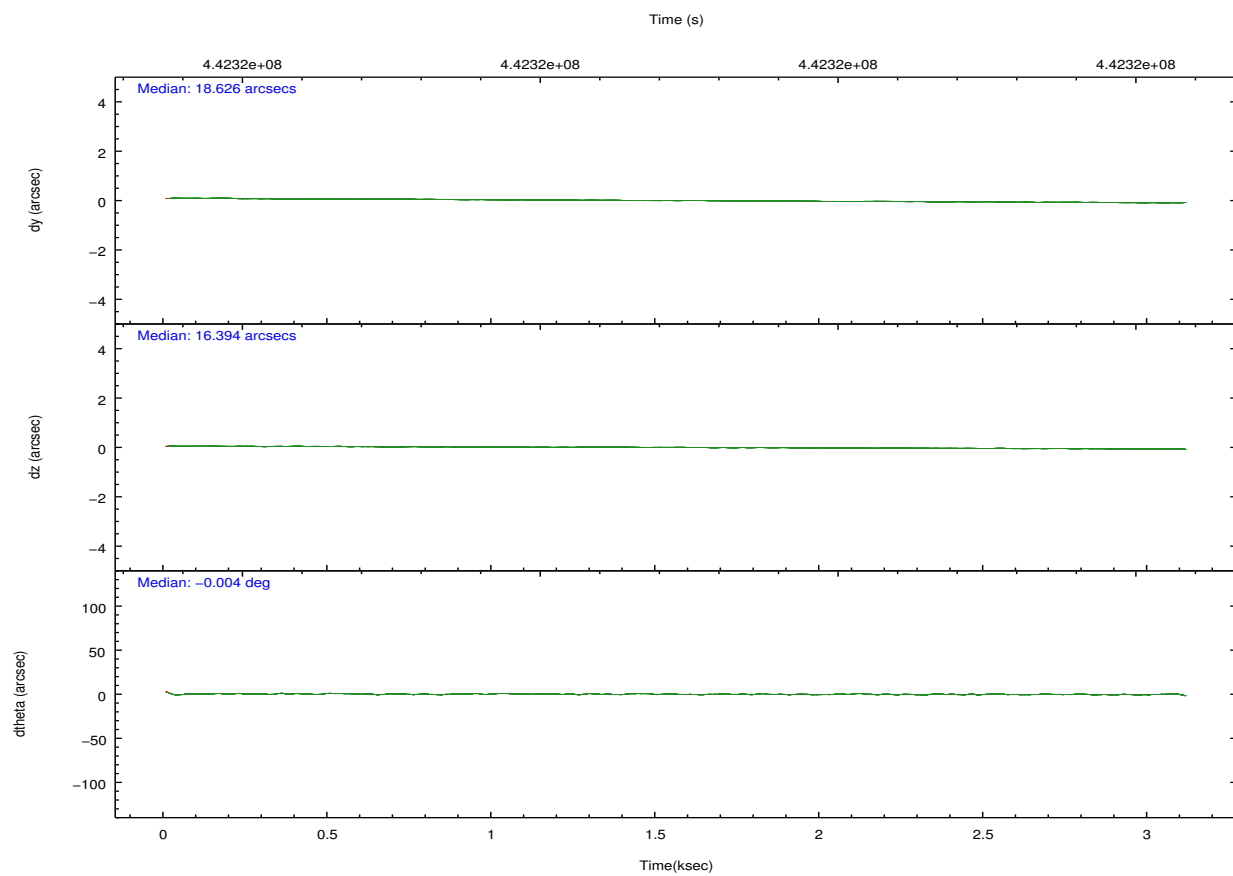
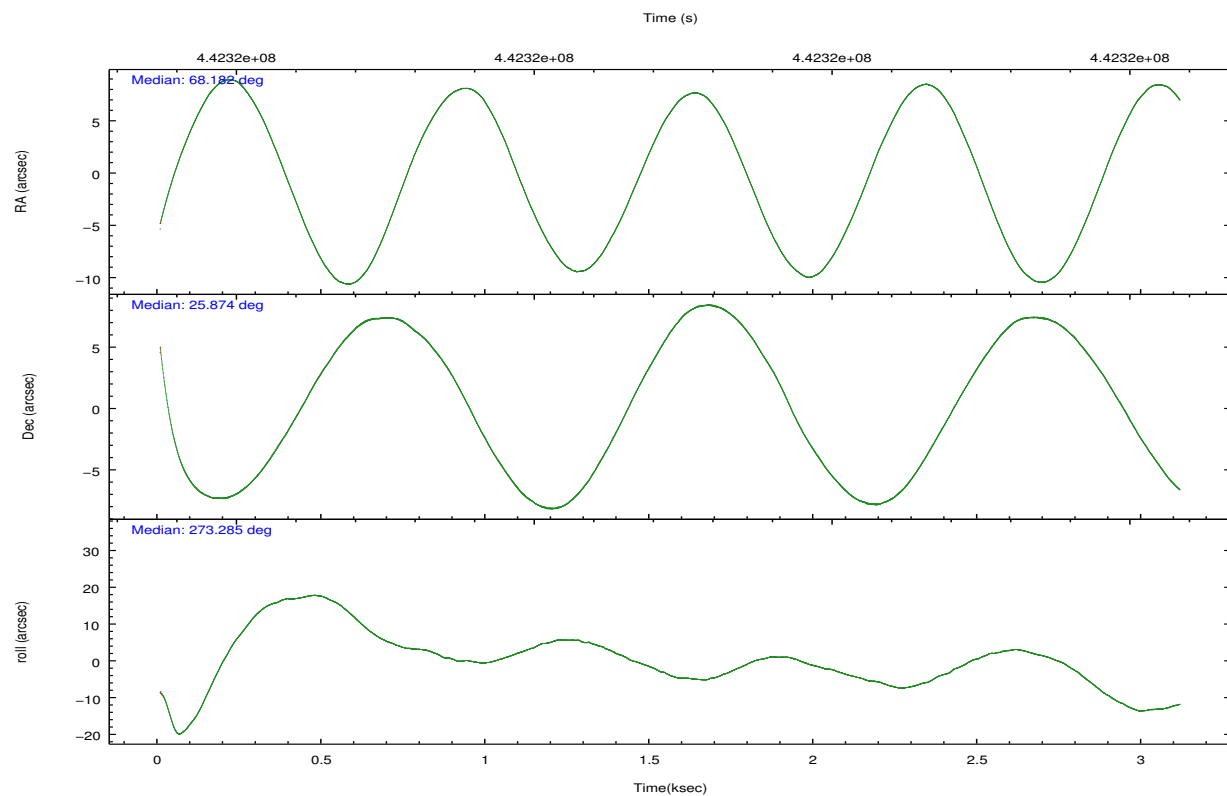
	ccd 7
grade 0 events	188
	6%
grade 1 events	3
	0%
grade 2 events	307
	11%
grade 3 events	204
	7%
grade 4 events	205
	7%
grade 5 events	262
	9%
grade 6 events	687
	24%
grade 7 events	895
	32%

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	68.165076	68.18229225360321	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	25.896477	25.87380827638987	Subarray start row	449	449
[deg] Pointing Roll	273.145230	273.2944001981503	Subarray row count	128	128
[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	0.4
[mm] SIM translation stage pos	-190.132523	-190.145094680475			
[mm] SIM translation stage offset	0	0.01257209746719923			
[s] Observation start time (MET)	442316025.184000	442314264.92494			
Observation start date	2012-01-07T09:32:39	2012-01-07T09:04:24			
[s] Observation end time (MET)	442319025.184000	442319251.5502			
Observation end date	2012-01-07T10:22:39	2012-01-07T10:27:31			
Read mode	TIMED	TIMED			

2.3 Aspect



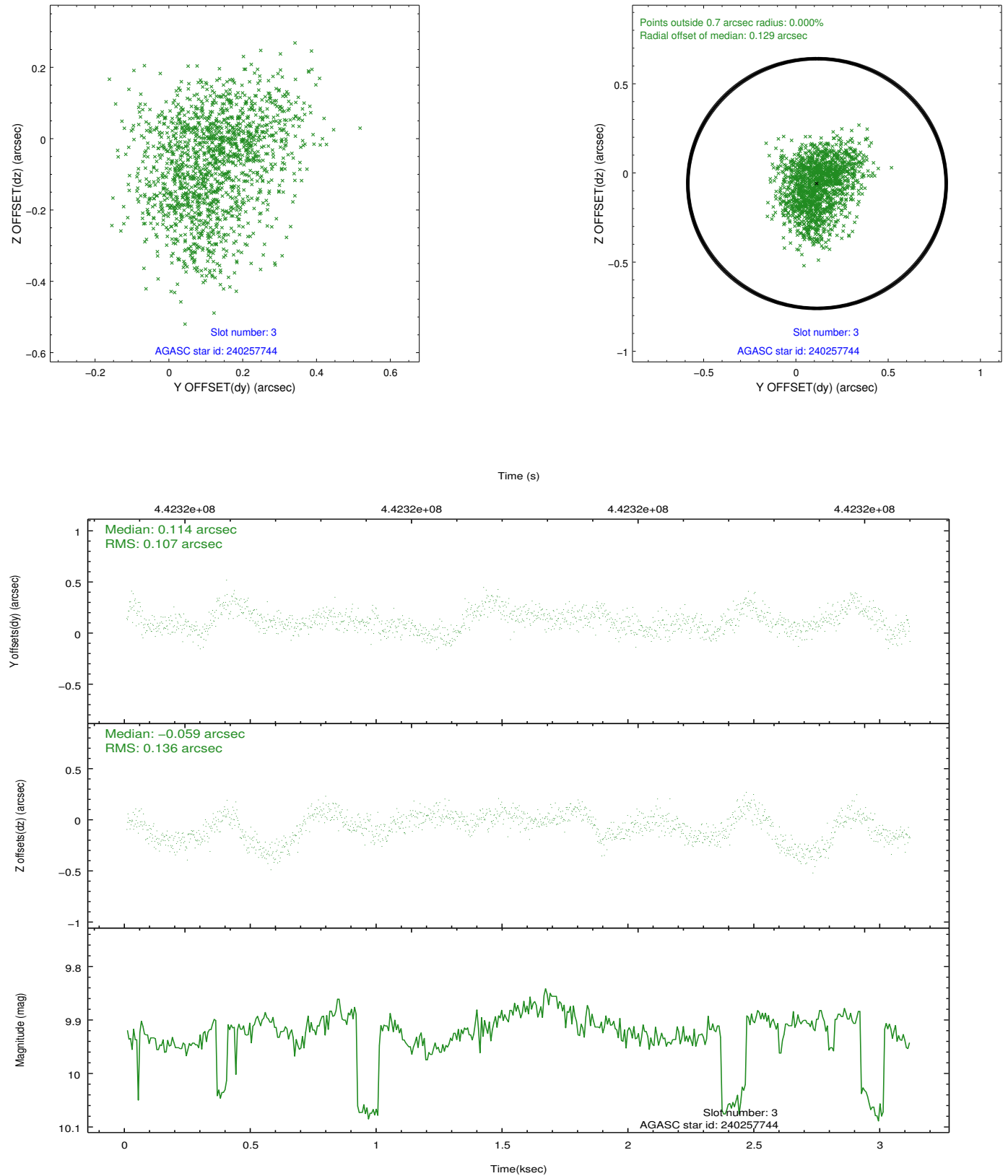


Slot Statistics

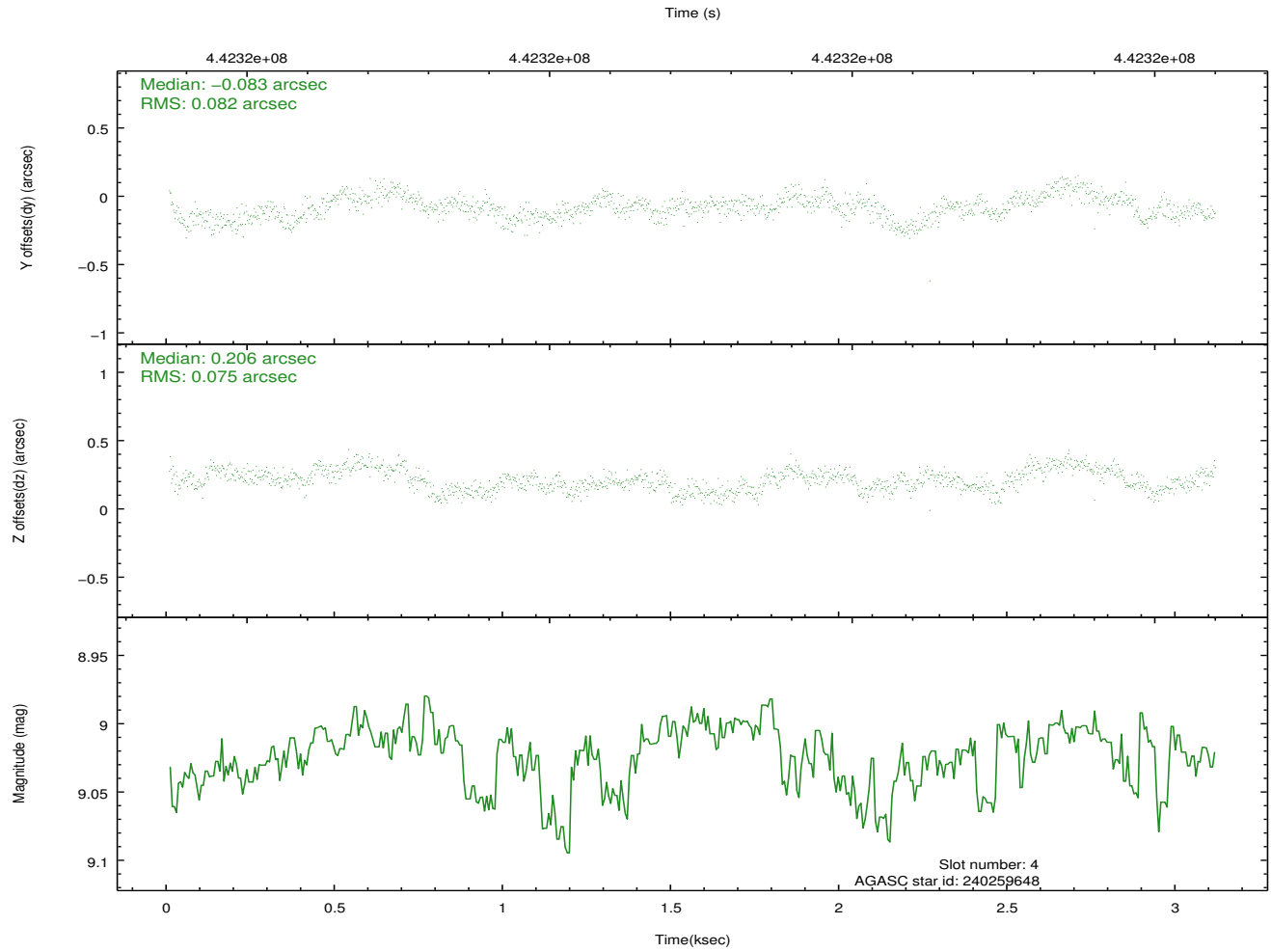
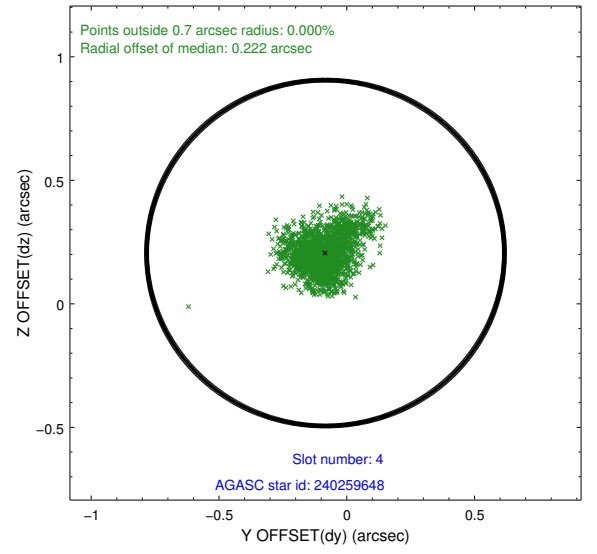
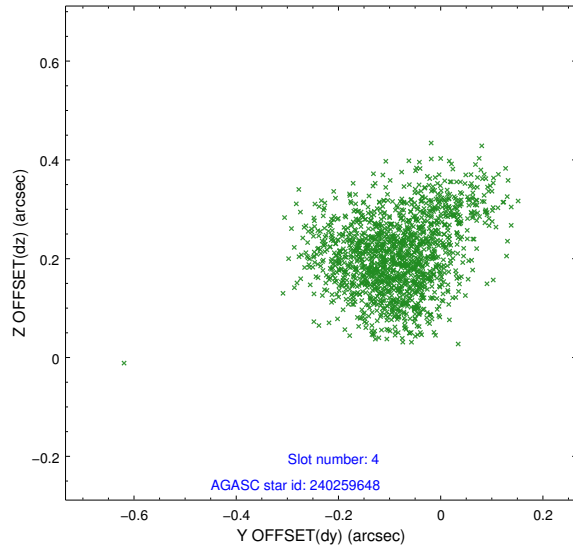
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.99	759	-0.119	-0.029	0.006	0.011	0.000000	0.000000	-771.82	-1737.73
1	FID	ACIS-S-4	7.07	759	0.306	0.065	0.005	0.009	0.000000	0.000000	2140.95	168.70
2	FID	ACIS-S-5	7.11	759	-0.218	-0.027	0.006	0.011	0.000000	0.000000	-1822.13	164.64
3	GUIDE	240257744	9.92	1509	0.114	-0.059	0.185	0.298	68.732993	25.359775	2026.59	1738.44
4	GUIDE	240259648	9.02	1515	-0.083	0.206	0.119	0.192	68.773335	25.433463	1769.24	1884.51
5	GUIDE	240260568	10.06	1517	-0.139	-0.128	0.278	0.409	68.738938	25.619304	1095.20	1806.27
6	GUIDE	240262768	9.51	1507	0.085	-0.147	0.154	0.262	67.530724	25.449416	1490.09	-2146.23
7	GUIDE	240780704	9.35	1515	0.024	0.137	0.135	0.215	67.945198	26.407108	-1873.93	-609.11

2.4 Star Slots

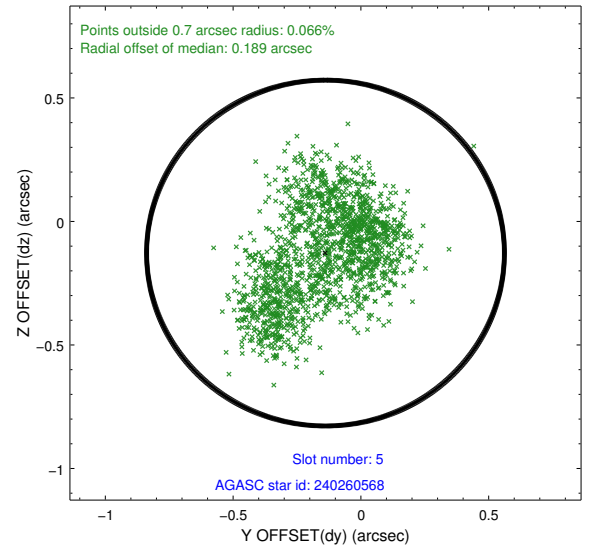
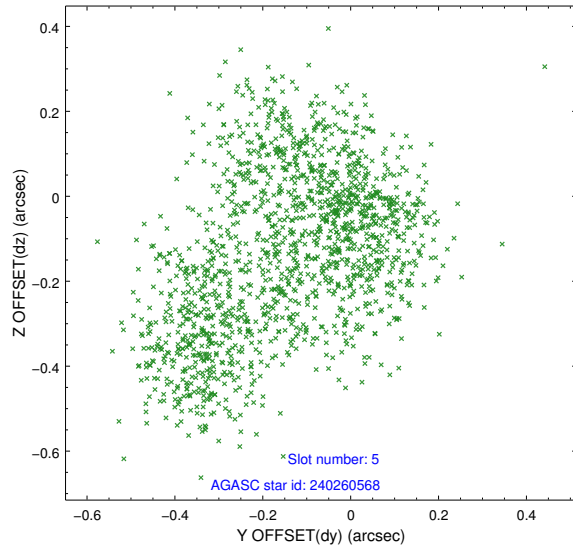
2.4.1 Slot 3



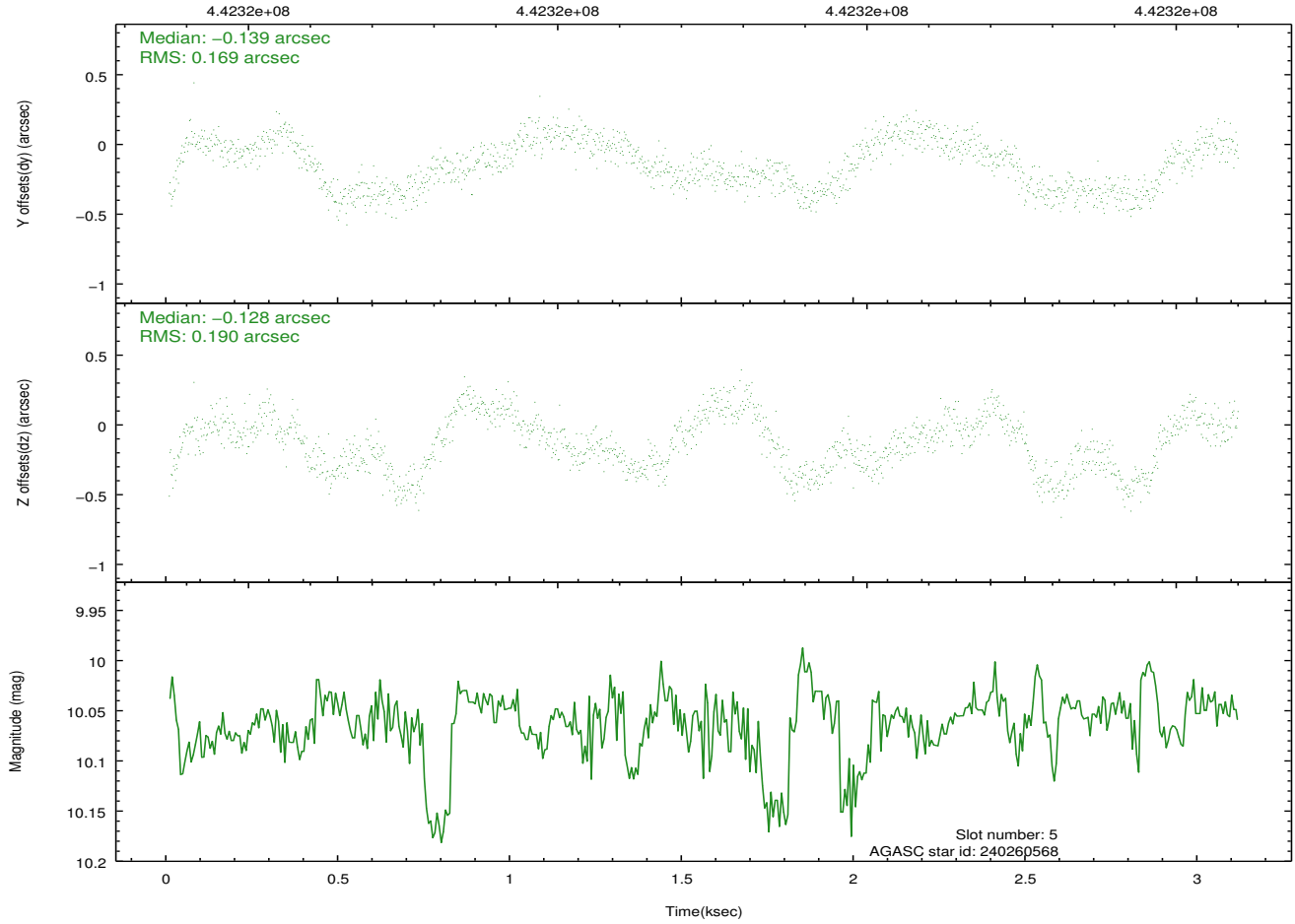
2.4.2 Slot 4



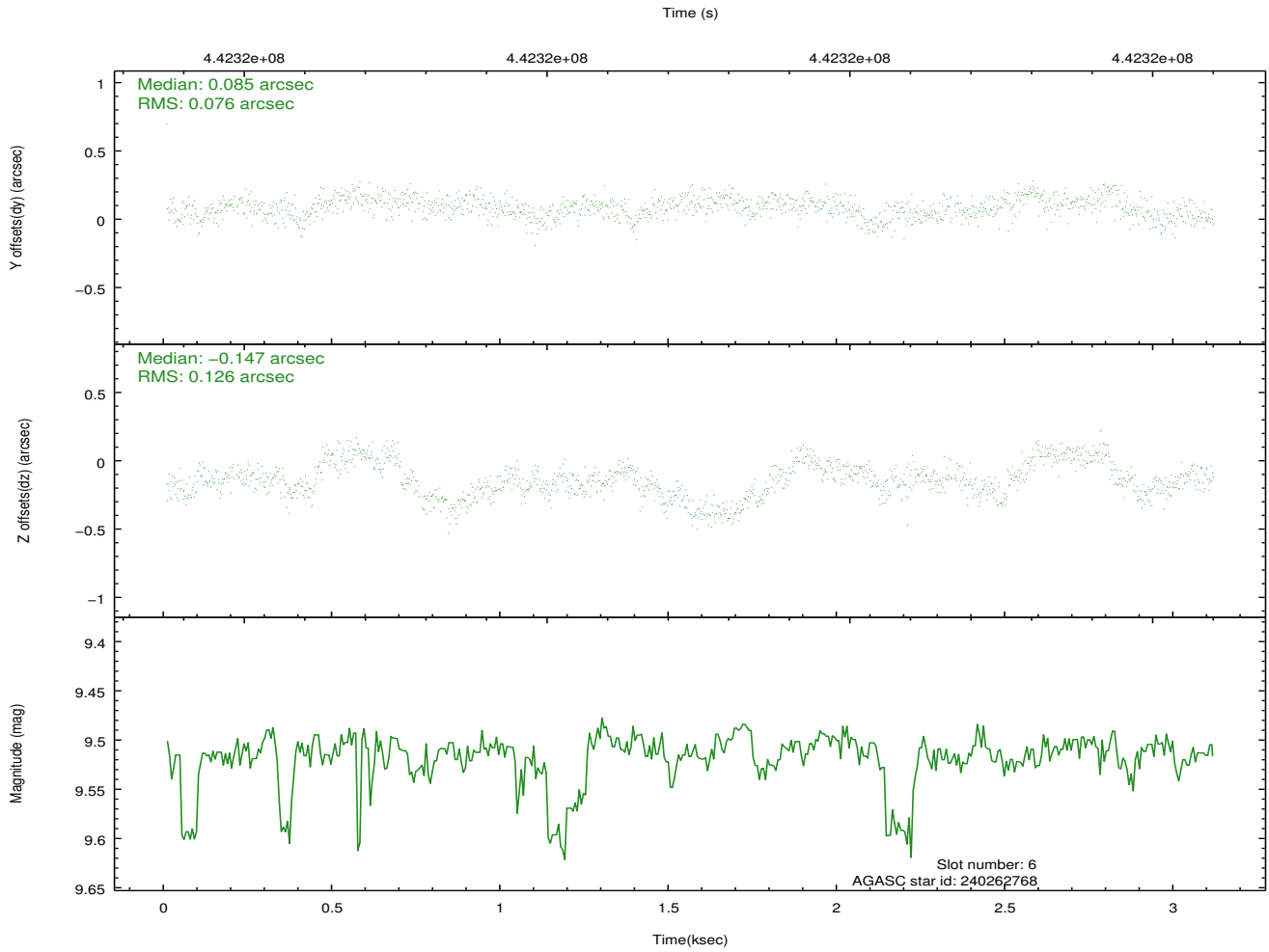
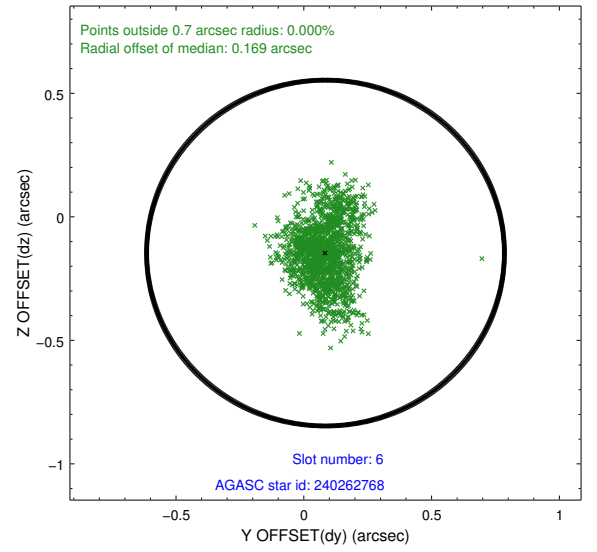
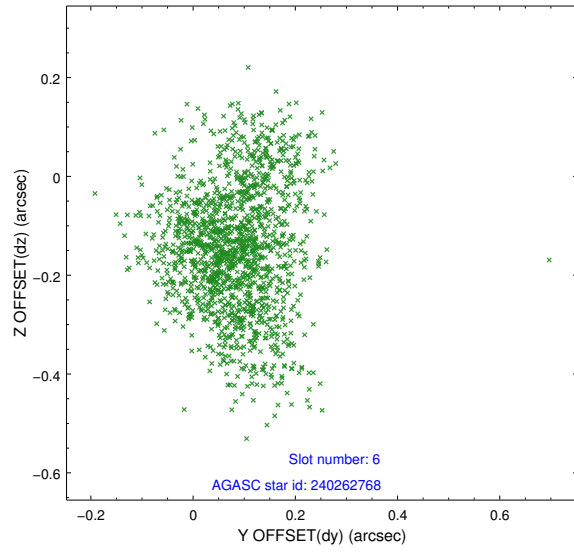
2.4.3 Slot 5



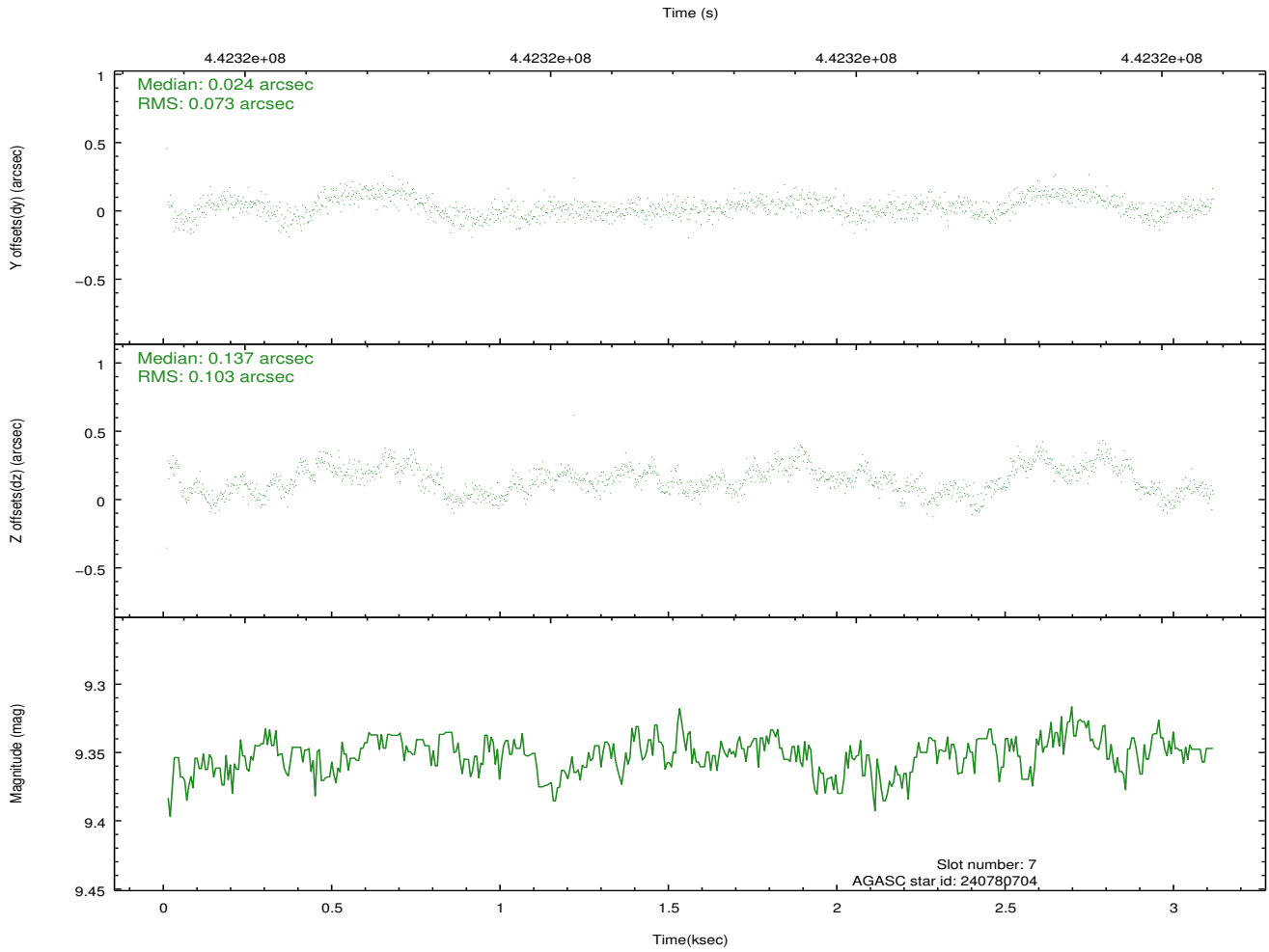
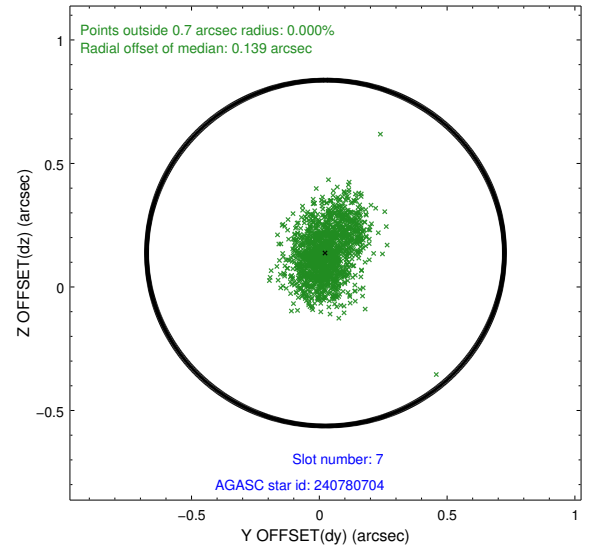
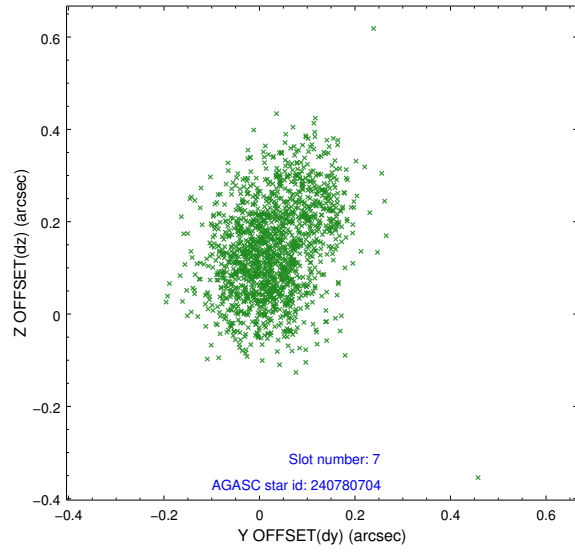
Time (s)



2.4.4 Slot 6

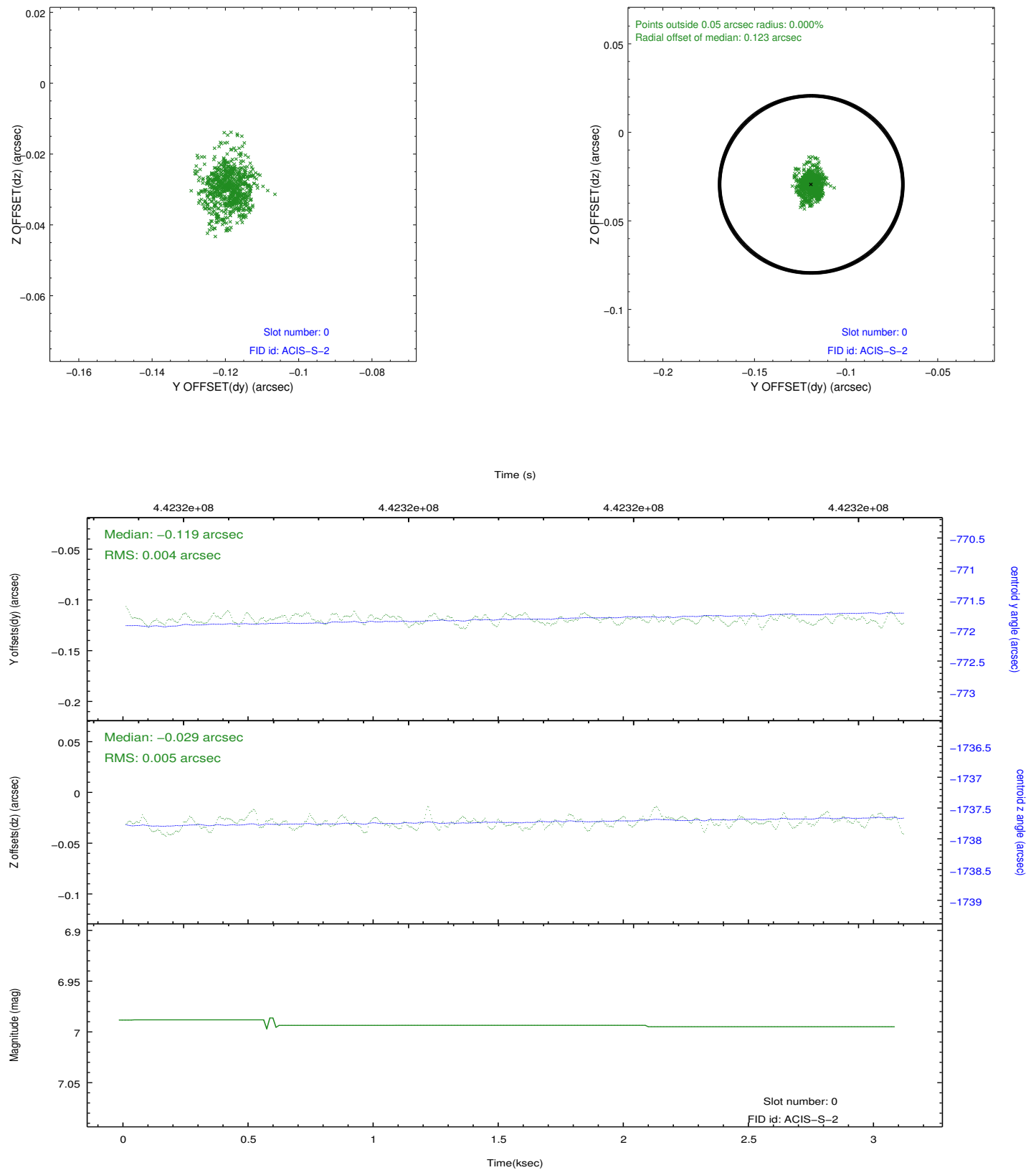


2.4.5 Slot 7

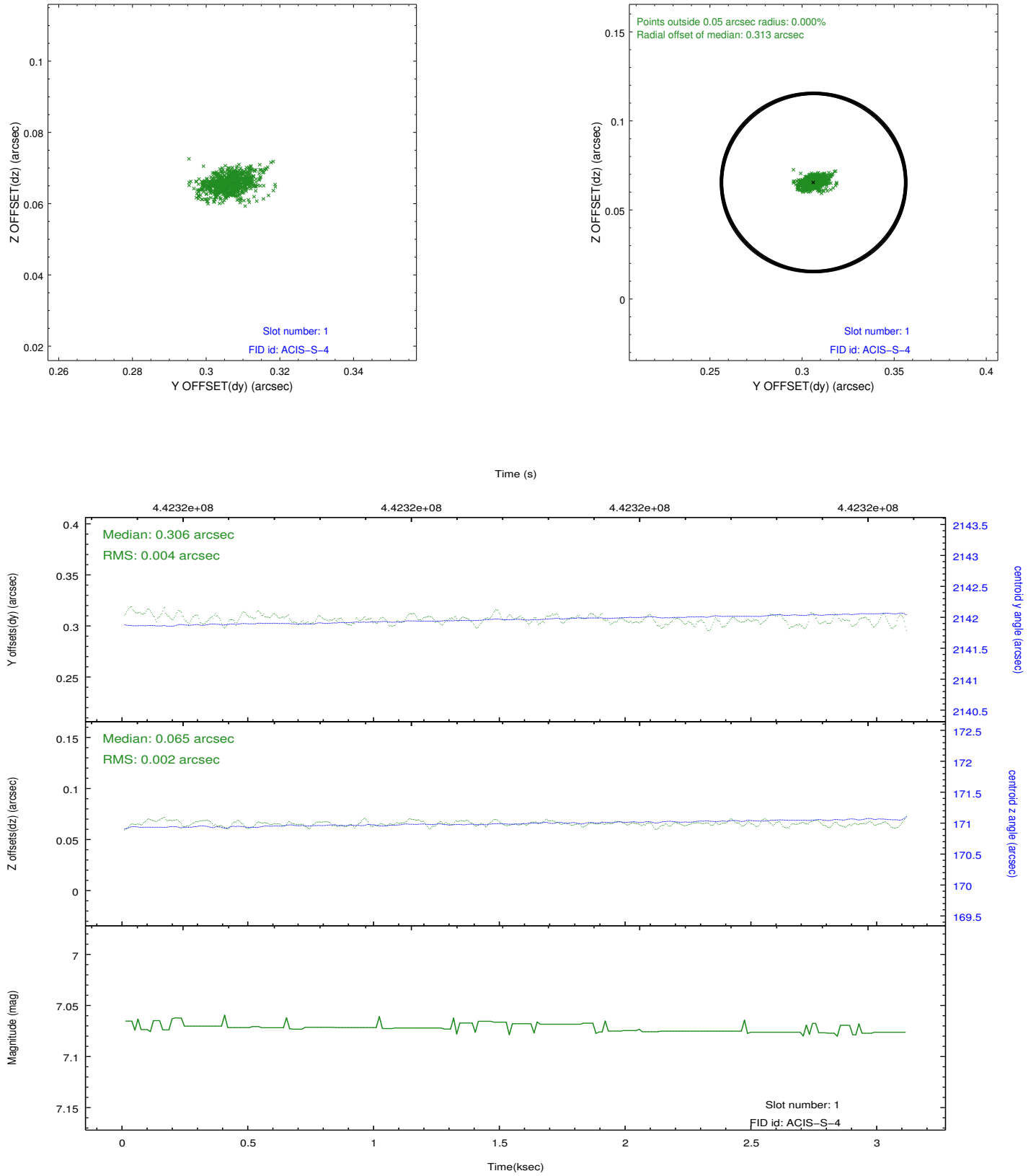


2.5 FID Slots

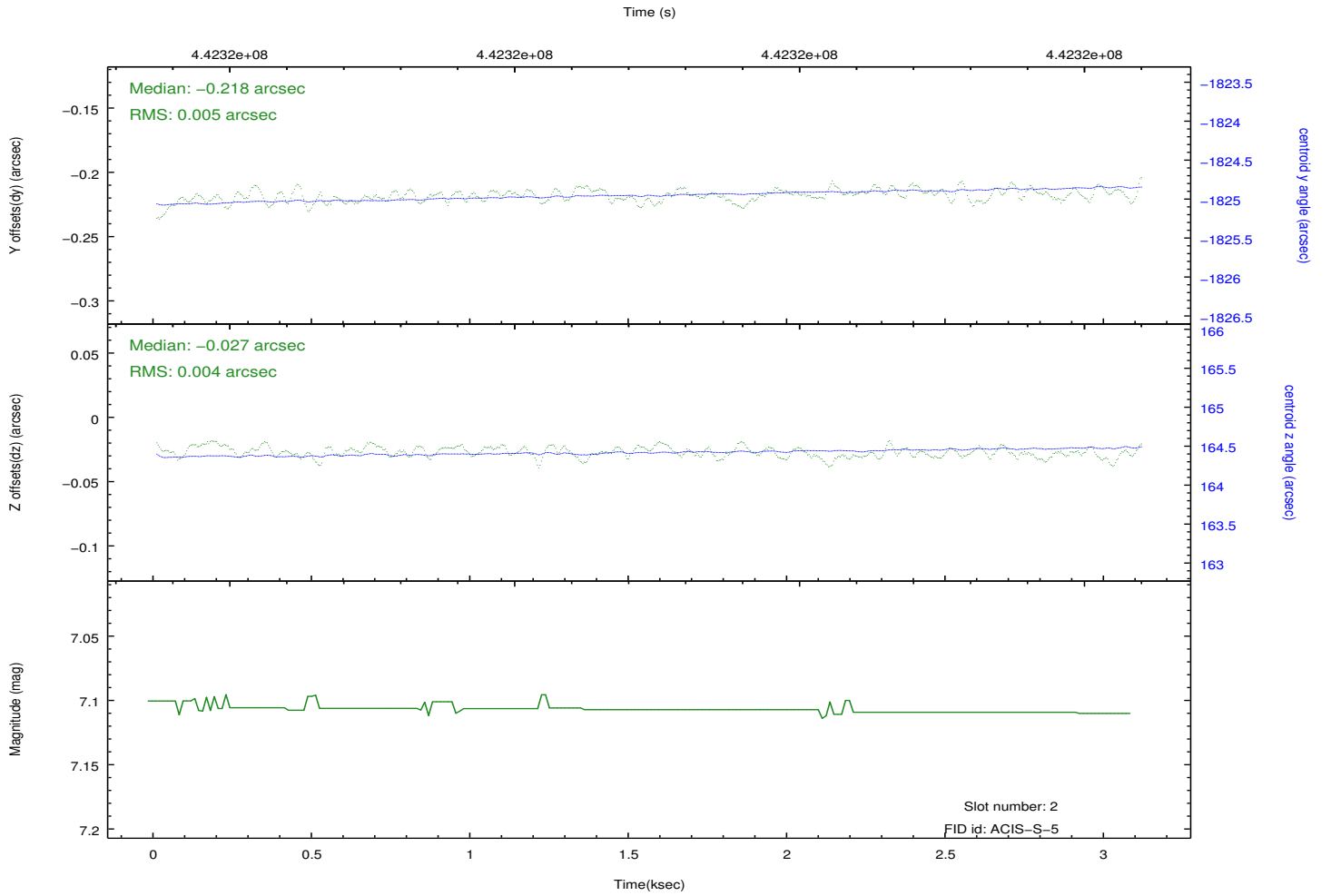
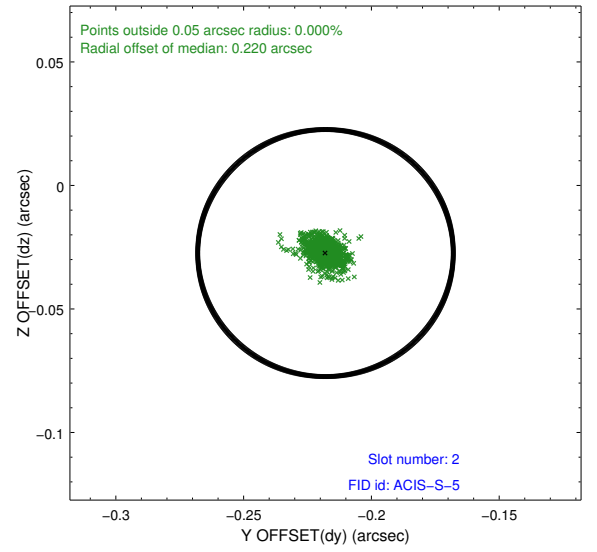
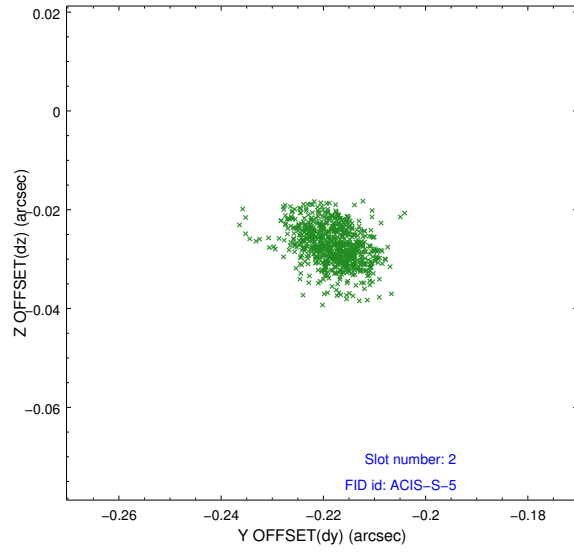
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.01.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.0095998206139

A.2 Comments