

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3110 - L2 Version 3
Chandra X-Ray Center

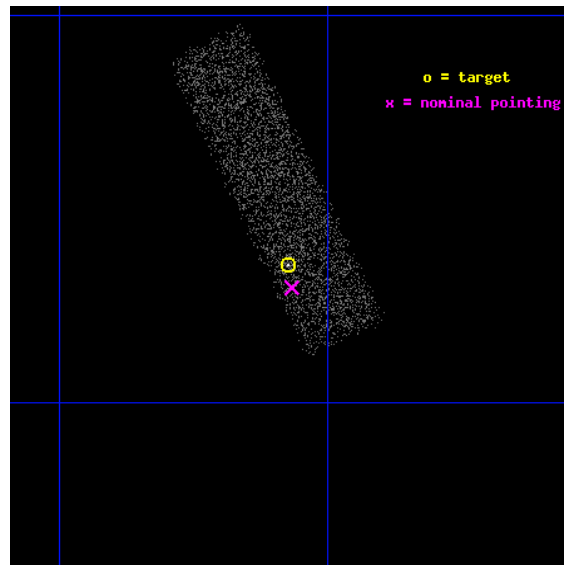
L2 Processing Date : Oct 4 2012

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1 Front

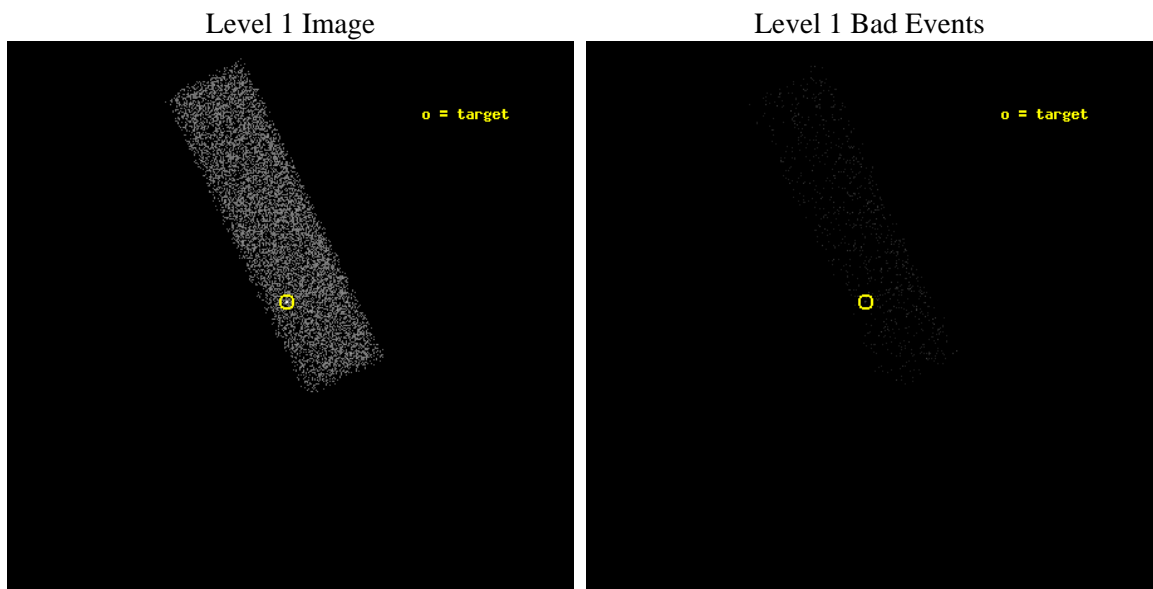
seq_num	700549	Sequence number
obs_id	3110	Observation id
title	A COMPLETE SURVEY FOR X-RAY EMISSION FROM RADIO JETS	Proposal titl
observer	Dr. Herman Marshall	Principal investigator
object	0413-210	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	64.018333	Observer's specified target RA [deg]
dec_targ	-20.941	Observer's specified target Dec [deg]
ra_nom	64.01651726611	Nominal RA [deg]
dec_nom	-20.950866943095	Nominal Dec [deg]
roll_nom	244.31689404332	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5111.2000761628	Sum of GTIs [s]
livetime	4861.7902370045	Livetime [s]
ontime7	5111.2000761628	Sum of GTIs [s]
l2events	5115	Number of level 2 events



2 OBI

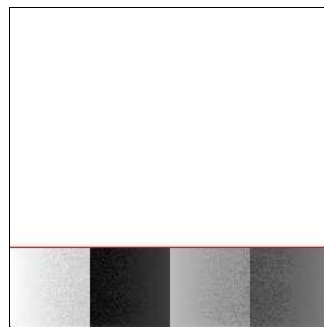
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5111.2000761628	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	5111.2000761628	Sum of GTIs [s]
date	2012-10-04T18:22:42	Date and time of file creation	l1events	20868	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

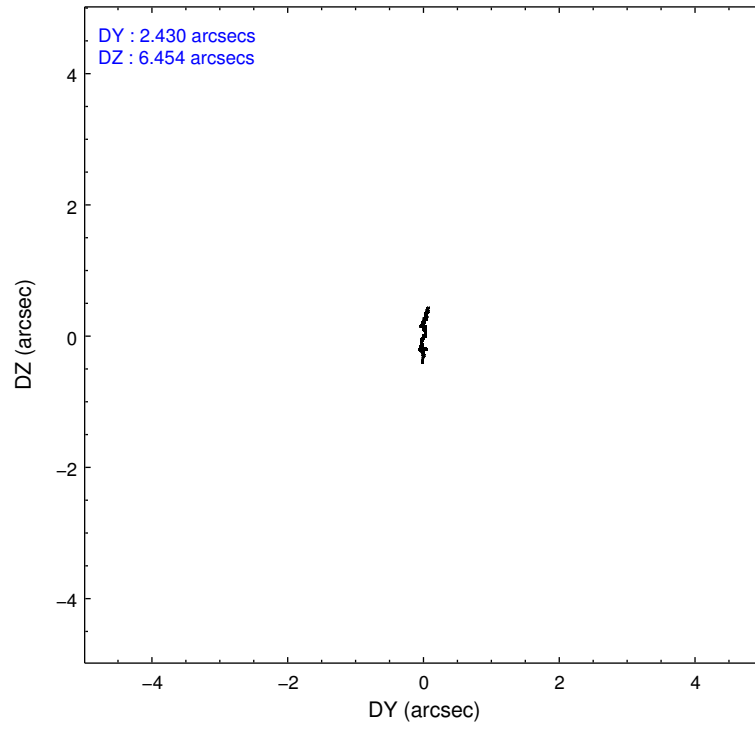
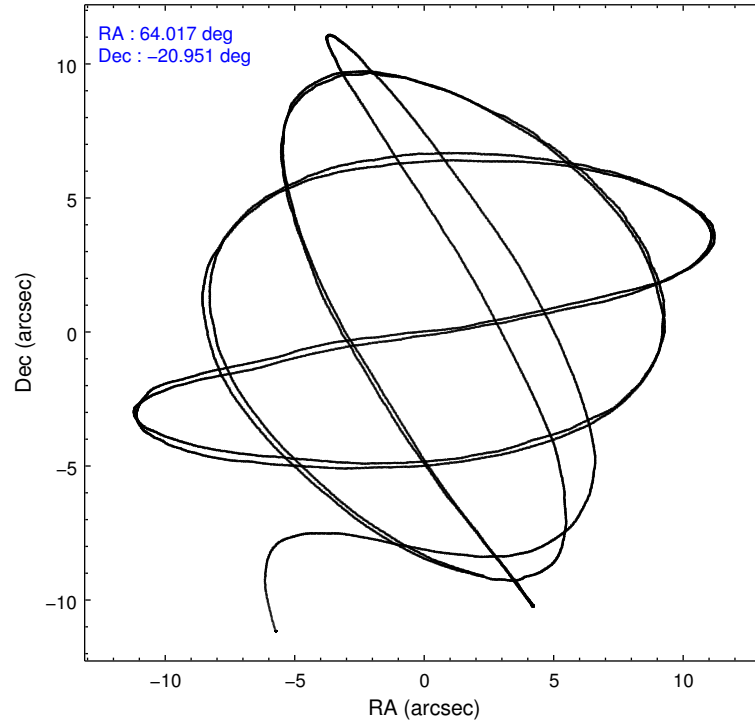
	ccd 7
level 1 events	20868
rejected events	15640
rejected %	74%

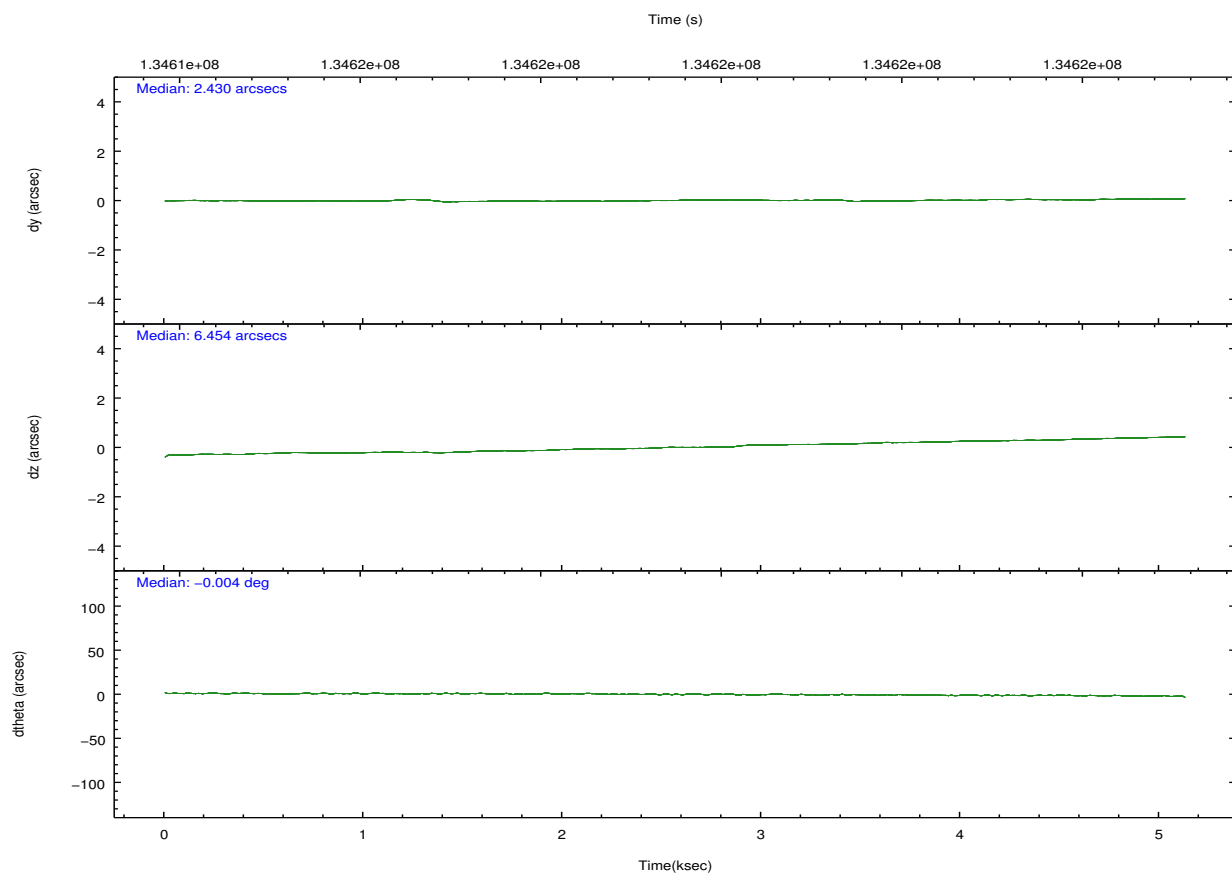
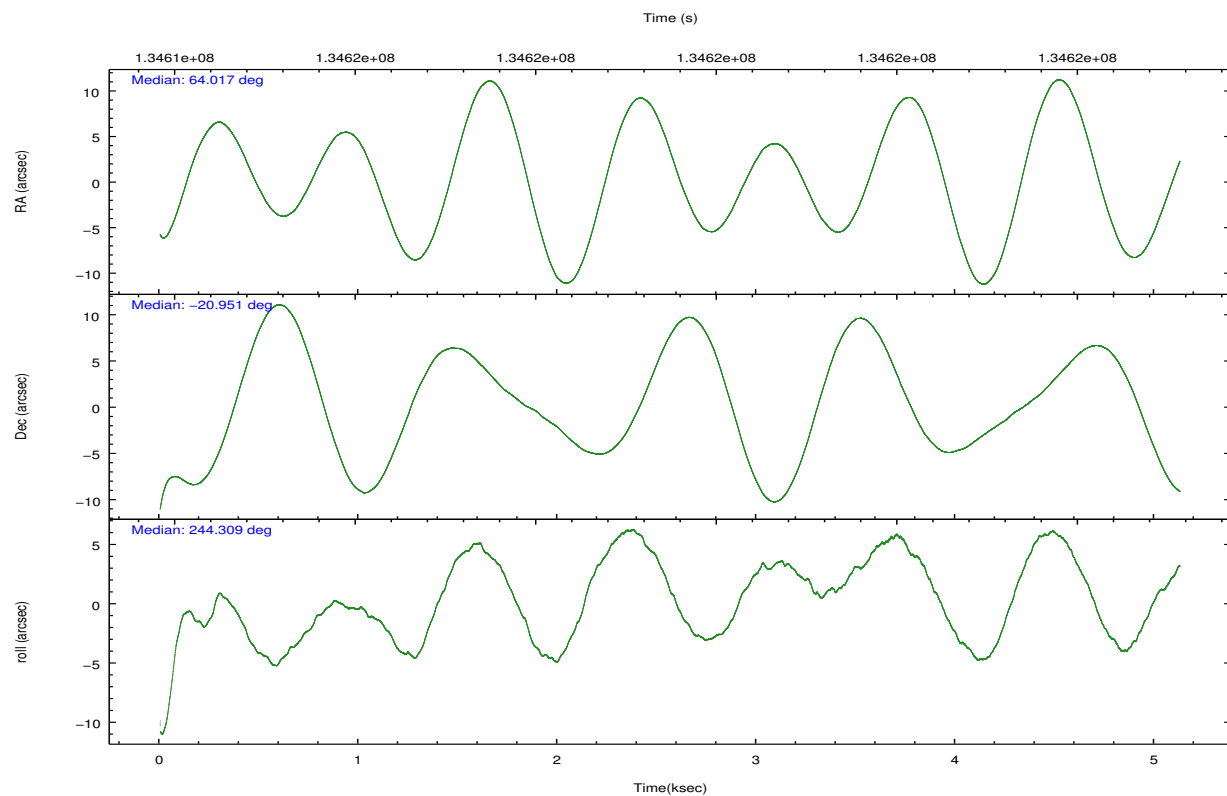
	ccd 7
grade 0 events	2503
	11%
grade 1 events	13
	0%
grade 2 events	2889
	13%
grade 3 events	1522
	7%
grade 4 events	1364
	6%
grade 5 events	1194
	5%
grade 6 events	5511
	26%
grade 7 events	5872
	28%

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	64.013978	64.01651726610955	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	-20.923664	-20.95086694309498	Subarray start row	1	1
[deg] Pointing Roll	244.159382	244.3168940433234	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	-178.632523	-178.6345592299333			
[mm] SIM translation stage offset	-11.5	-11.49796335307448			
[s] Observation start time (MET)	134614295.184000	134613169.26287			
Observation start date	2002-04-08T00:50:31	2002-04-08T00:32:49			
[s] Observation end time (MET)	134619295.184000	134620179.23816			
Observation end date	2002-04-08T02:13:51	2002-04-08T02:29:39			
Read mode	TIMED	TIMED			

2.3 Aspect



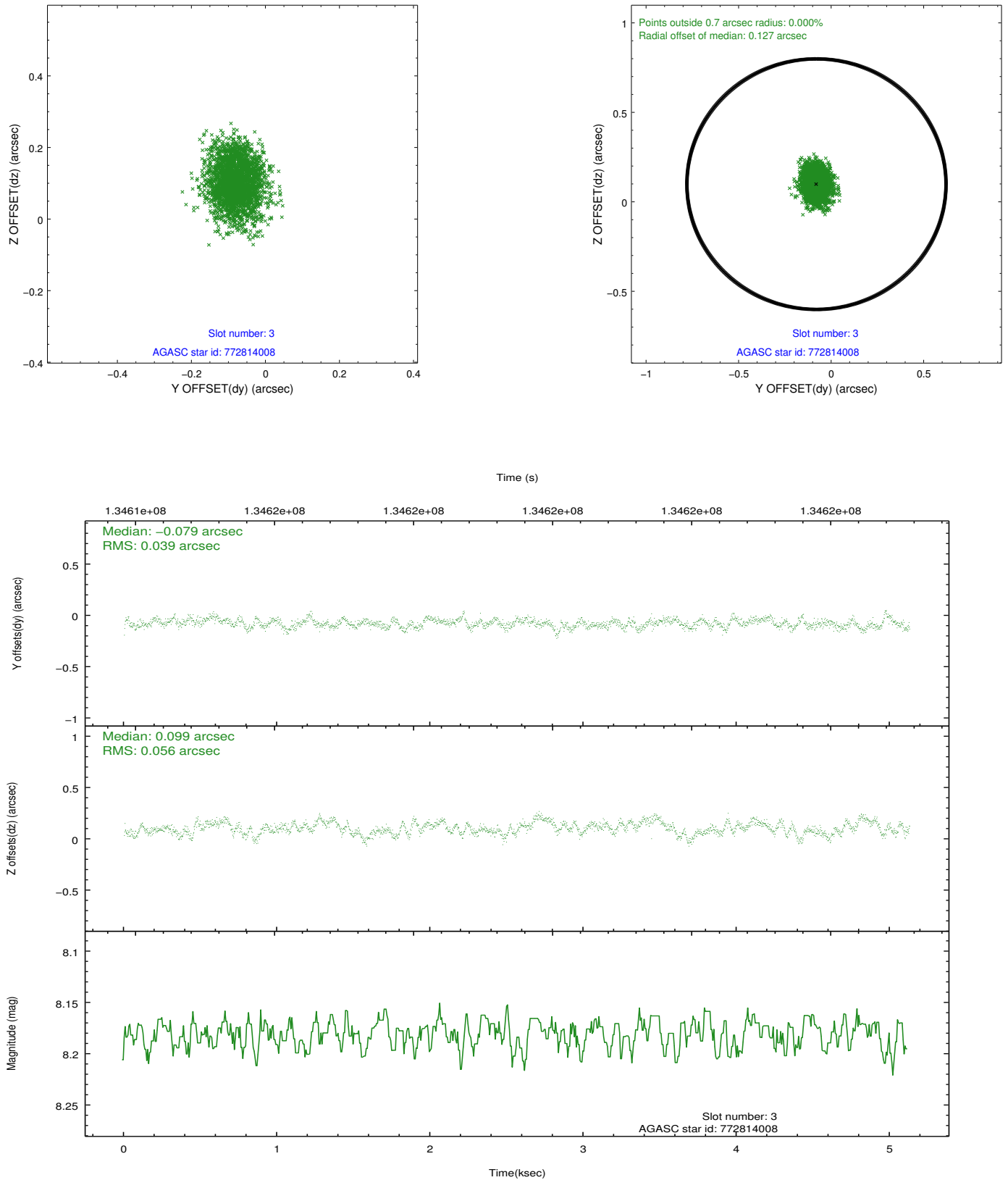


Slot Statistics

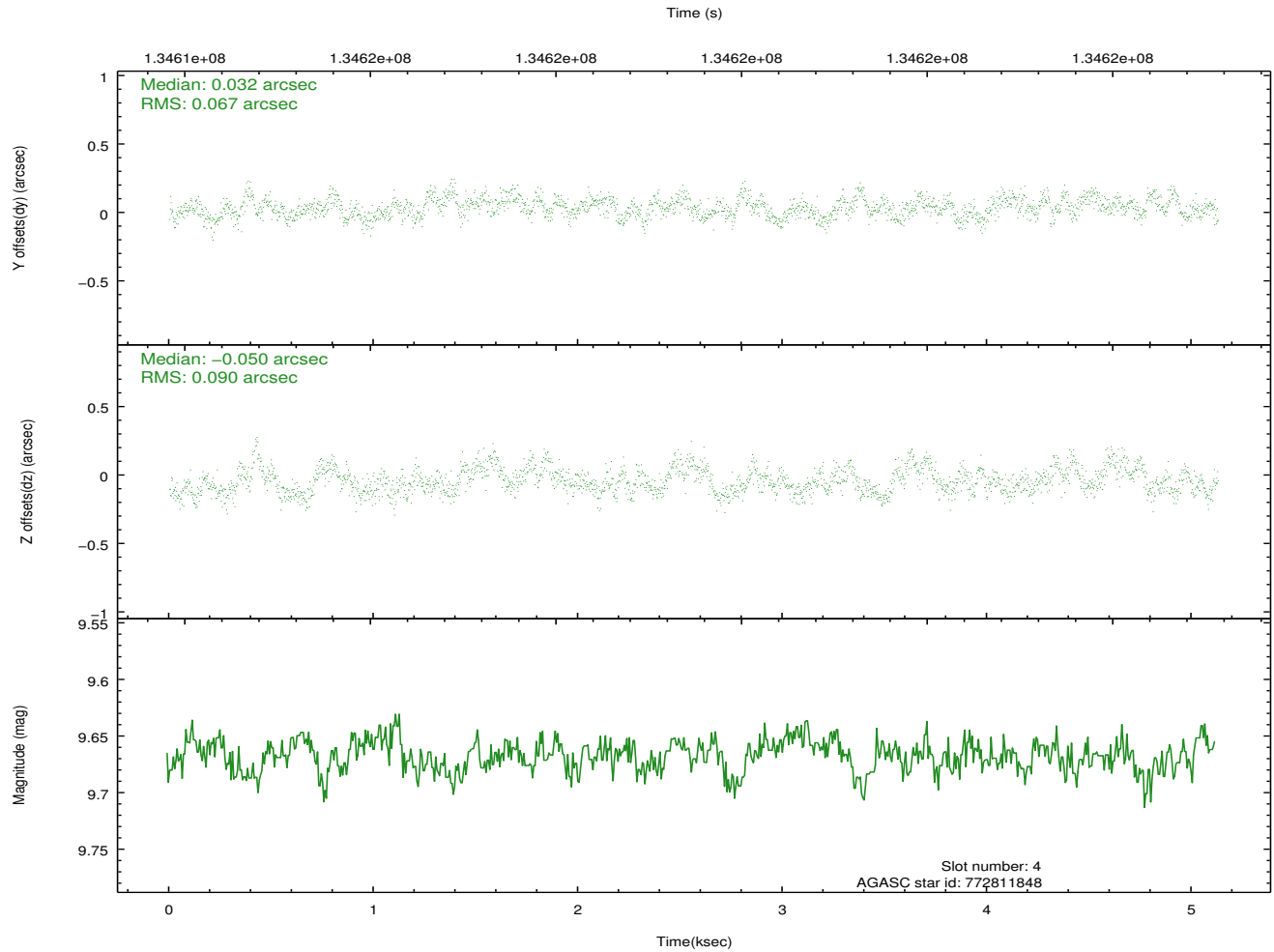
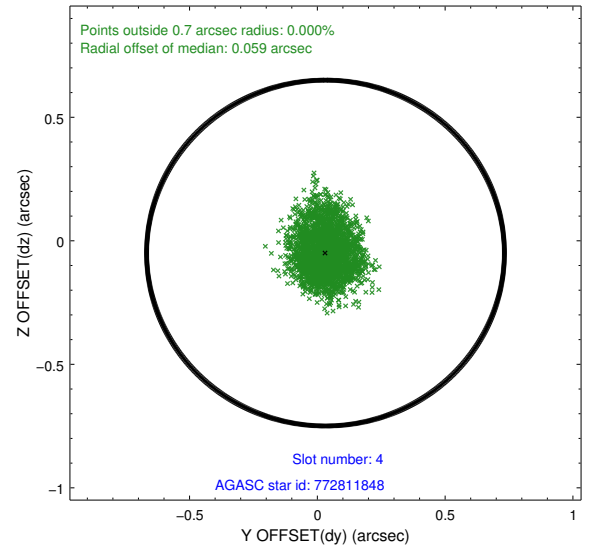
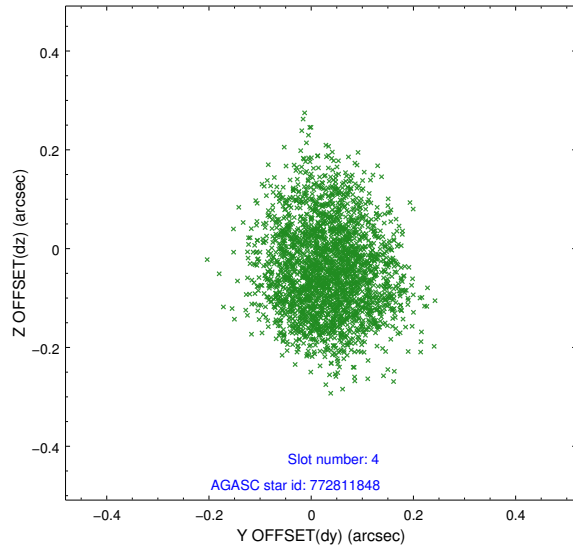
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	1251	-0.069	-0.335	0.015	0.023	0.000000	0.000000	-754.27	-1964.65
1	FID	ACIS-S-4	7.17	1251	0.029	0.122	0.005	0.009	0.000000	0.000000	2158.56	-57.13
2	FID	ACIS-S-5	7.22	1251	0.010	0.220	0.014	0.022	0.000000	0.000000	-1805.51	-62.03
3	GUIDE	772814008	8.18	2502	-0.079	0.099	0.073	0.118	64.409016	-21.250133	481.18	1705.51
4	GUIDE	772811848	9.67	2498	0.032	-0.050	0.121	0.190	64.645642	-21.126899	-262.41	2229.84
5	GUIDE	771894264	9.19	2502	0.022	-0.057	0.078	0.125	63.604544	-20.824865	282.11	-1393.72
6	GUIDE	771889008	9.87	2500	0.033	-0.074	0.106	0.173	63.529888	-21.078007	1211.14	-1221.34
7	GUIDE	772811408	9.21	2500	-0.009	0.071	0.087	0.146	64.611570	-20.749623	-1436.97	1537.80

2.4 Star Slots

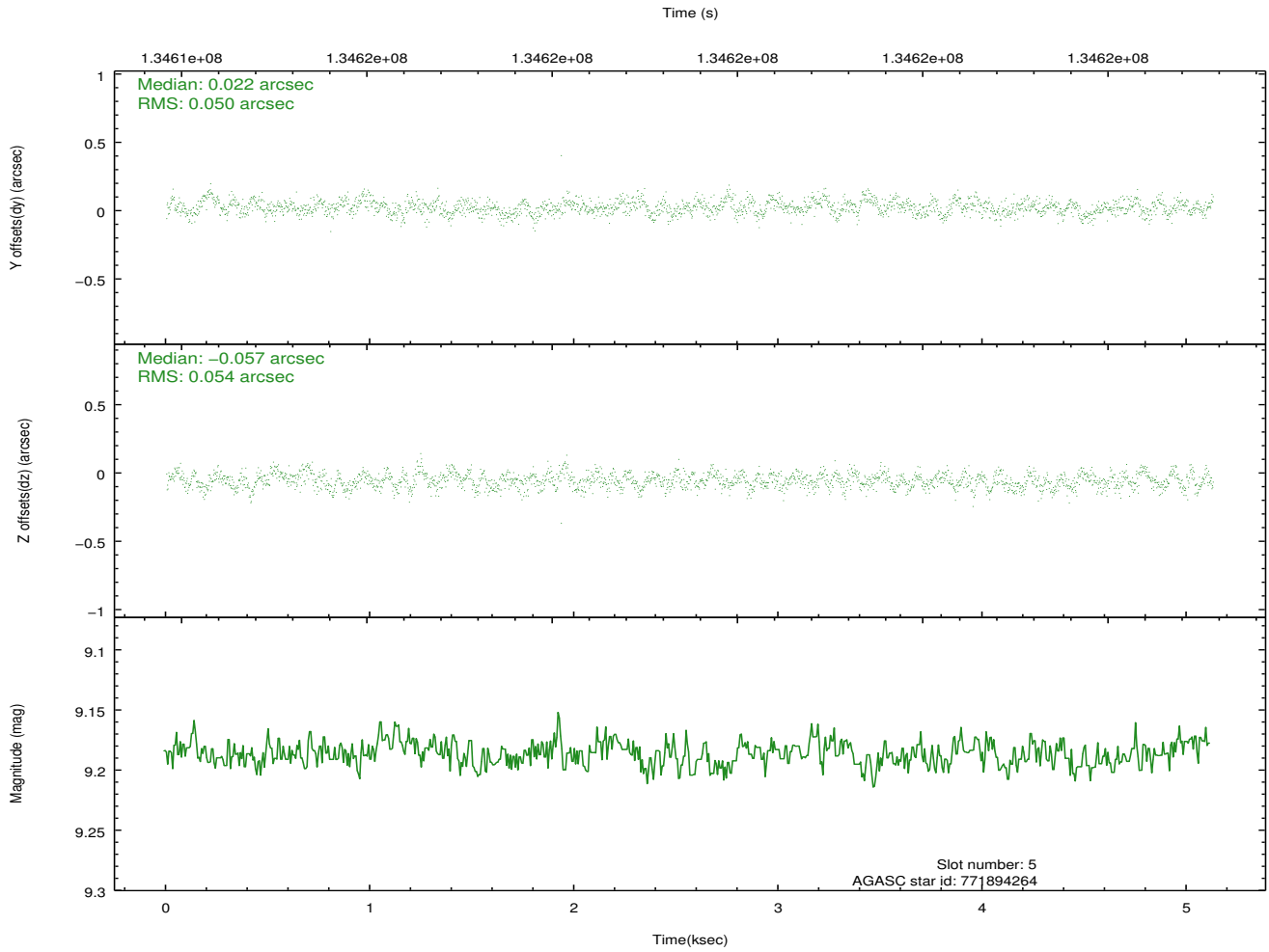
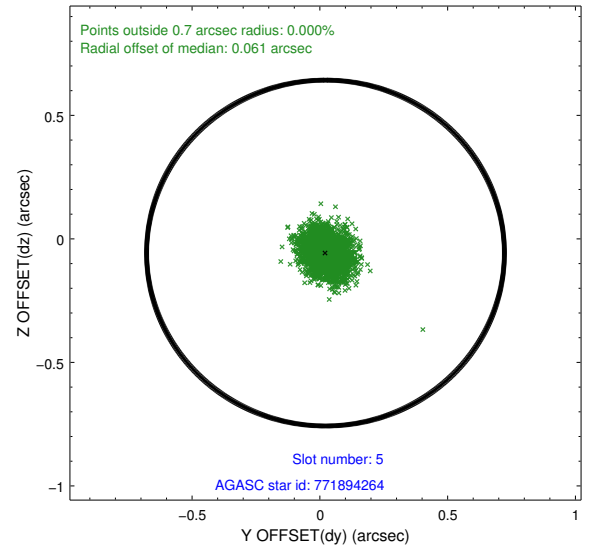
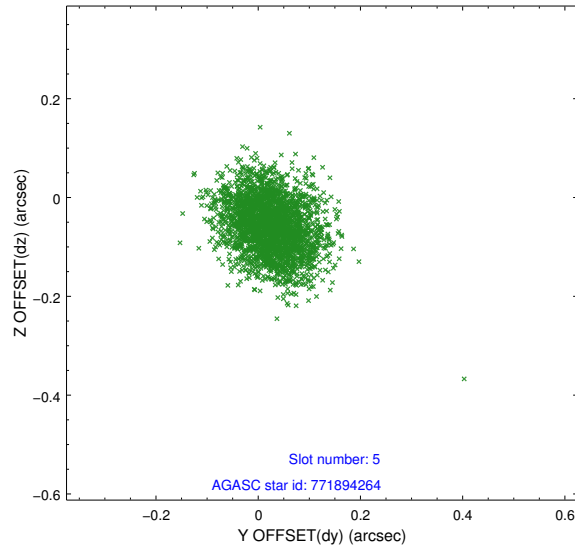
2.4.1 Slot 3



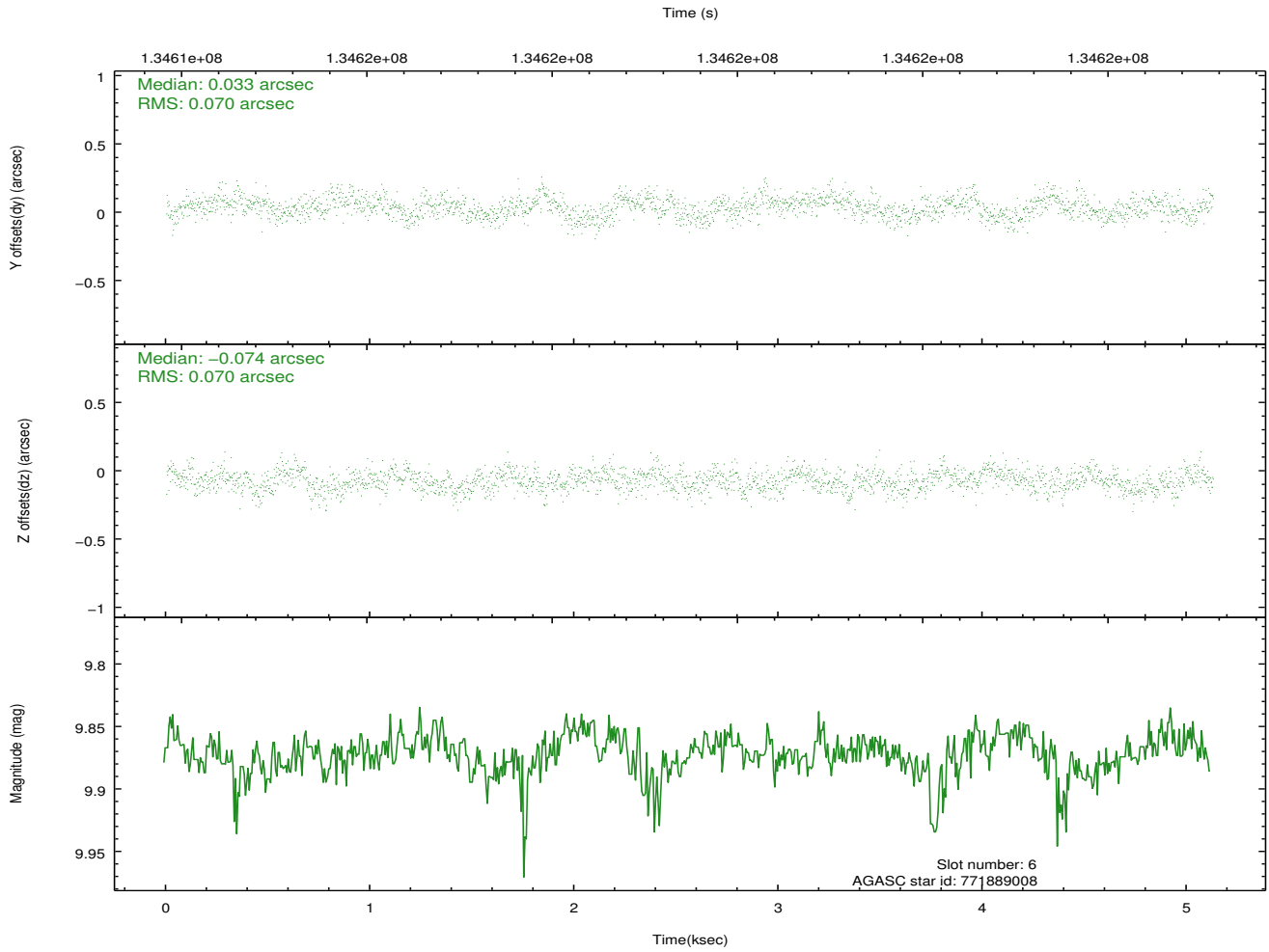
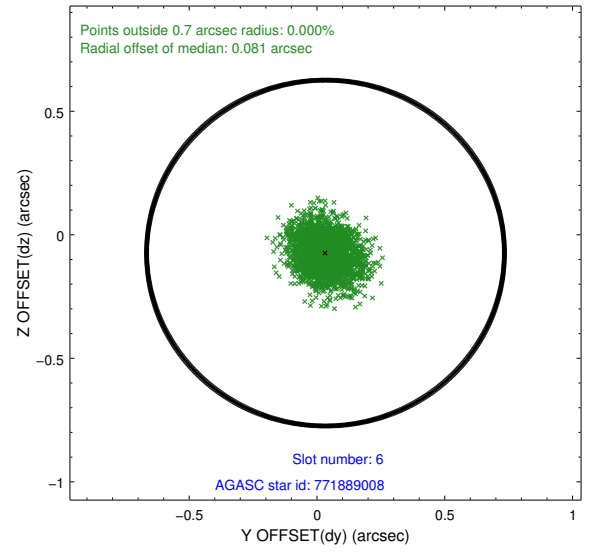
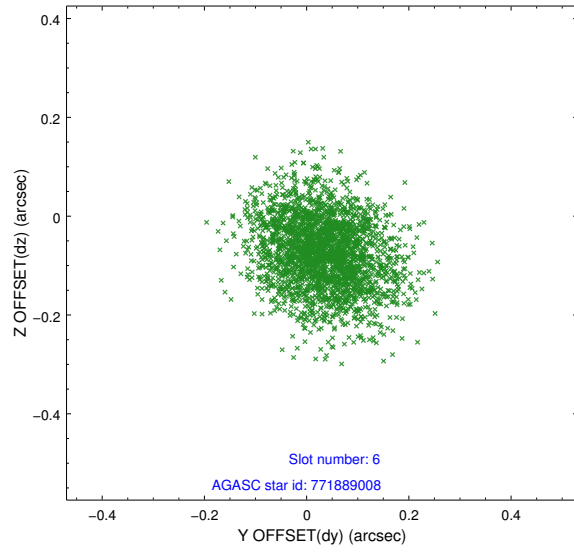
2.4.2 Slot 4



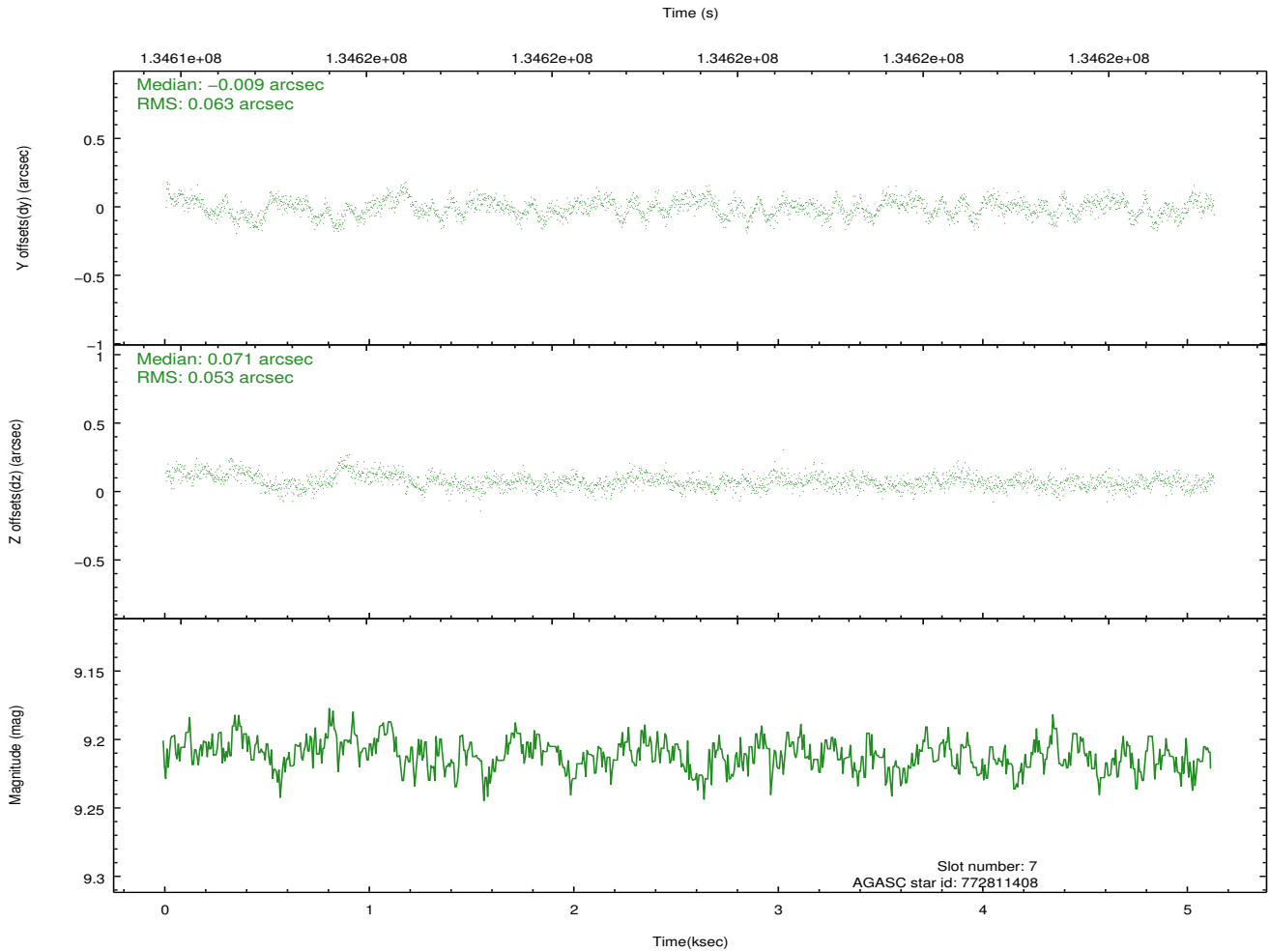
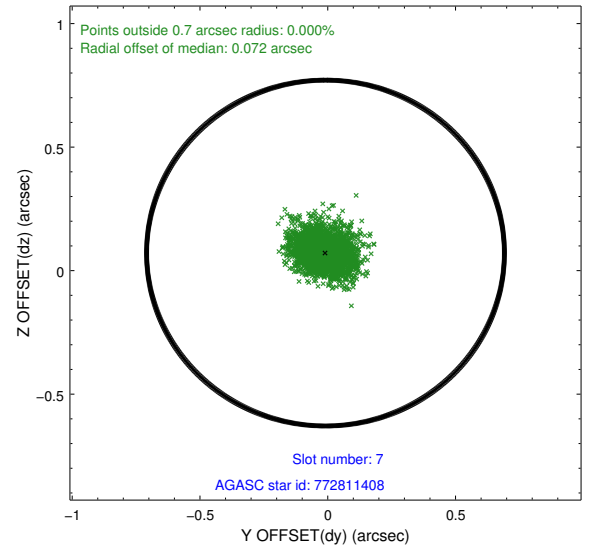
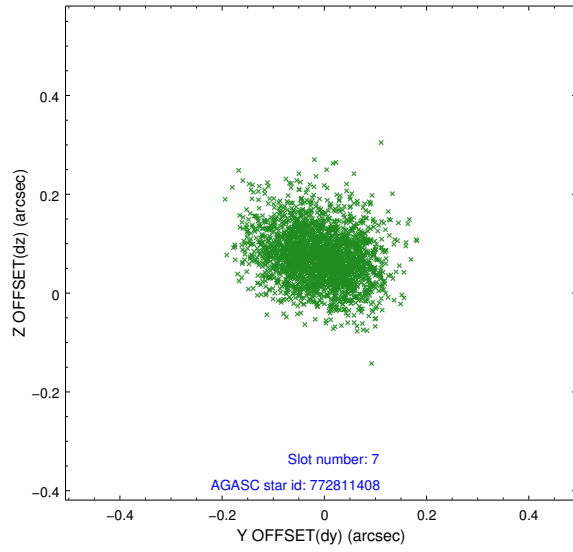
2.4.3 Slot 5



2.4.4 Slot 6

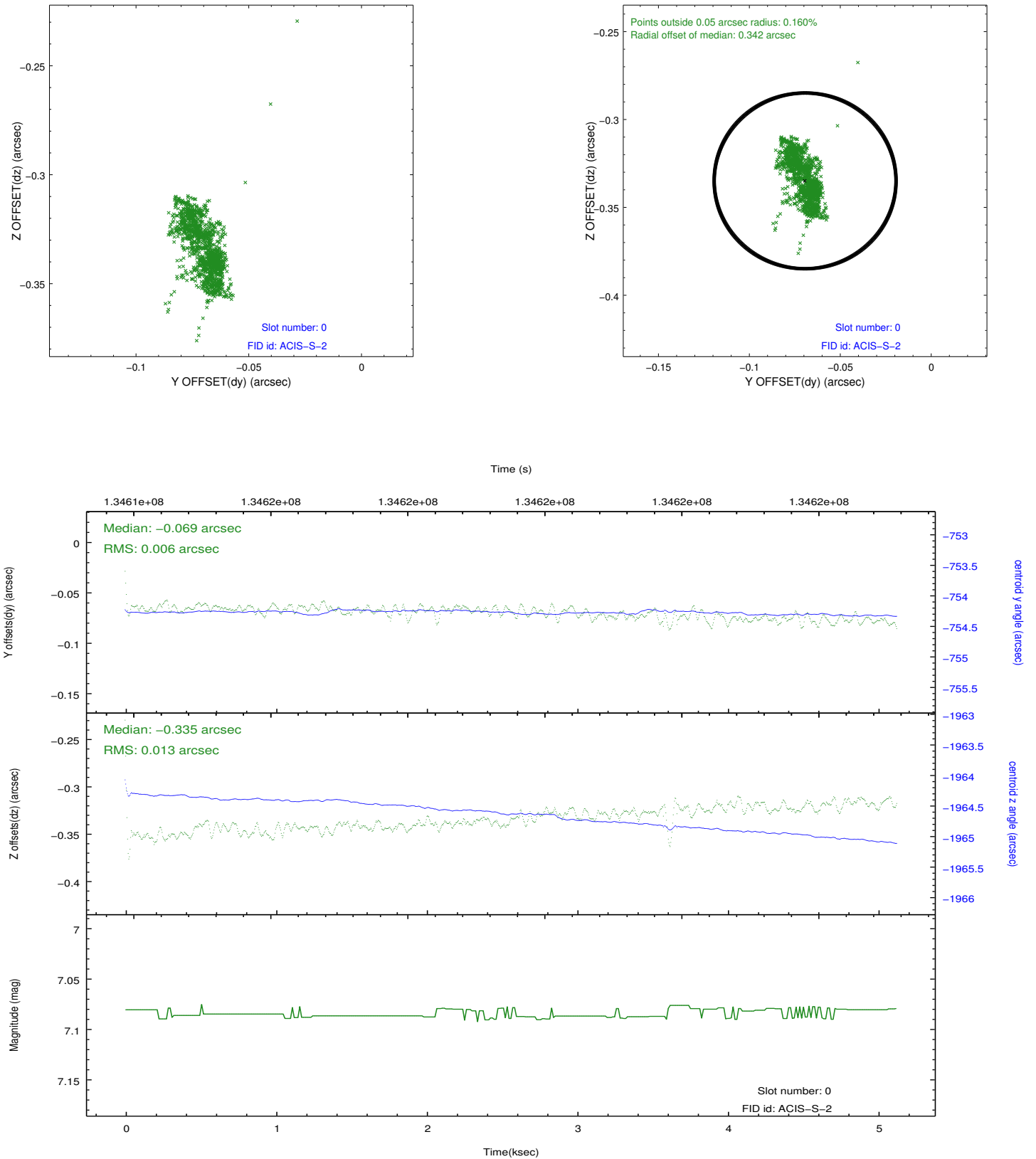


2.4.5 Slot 7

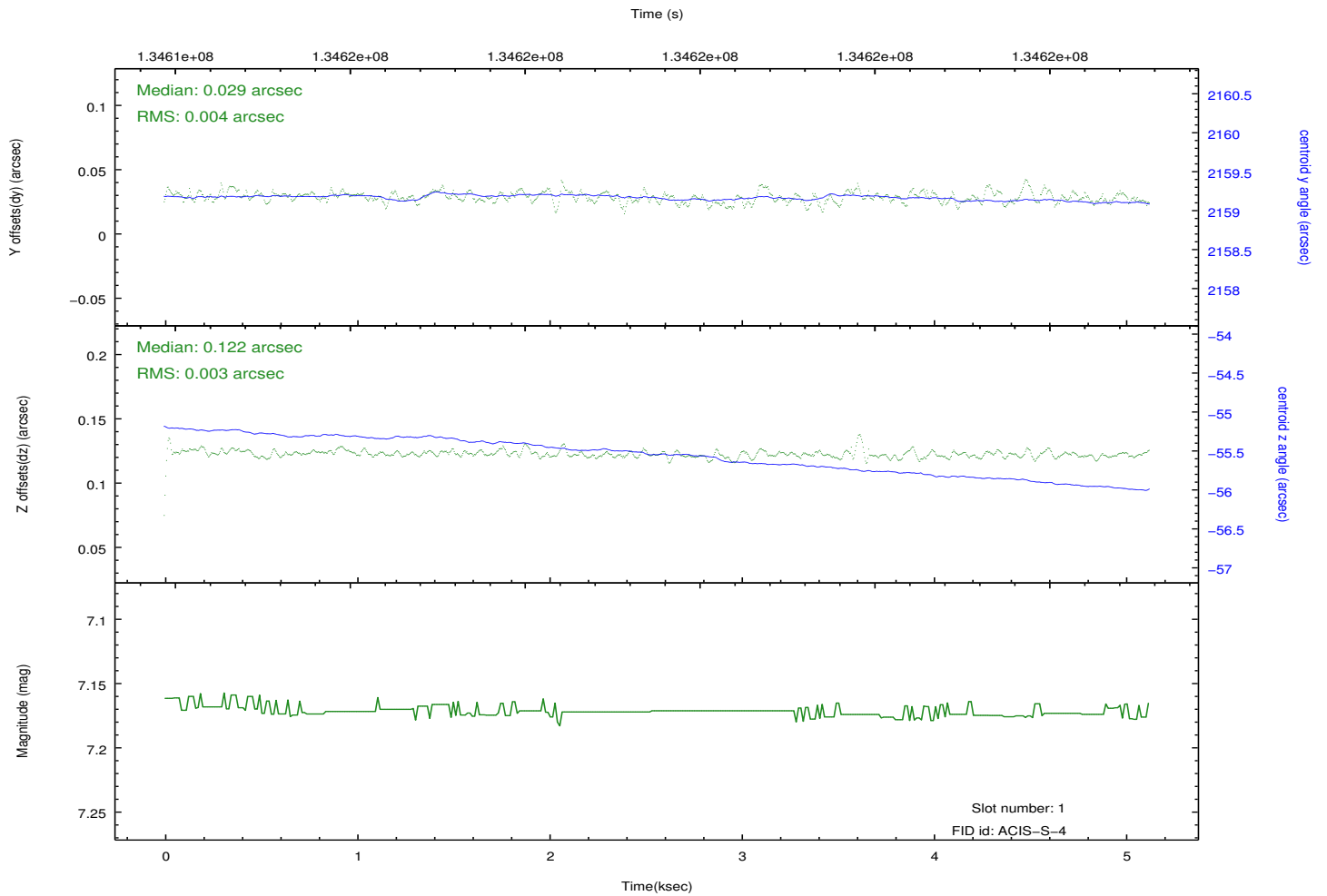
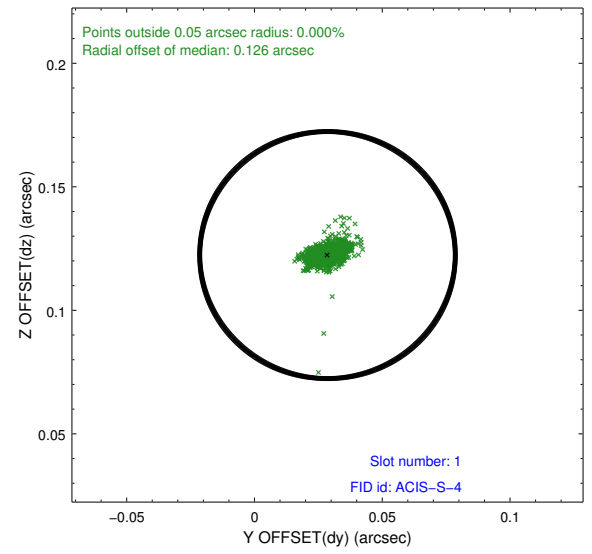
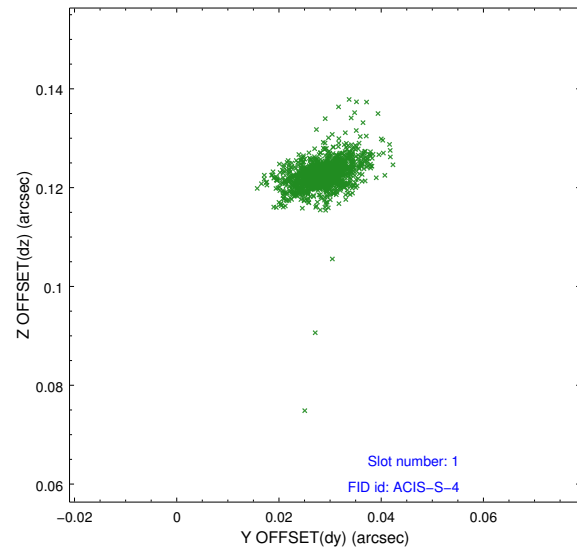


2.5 FID Slots

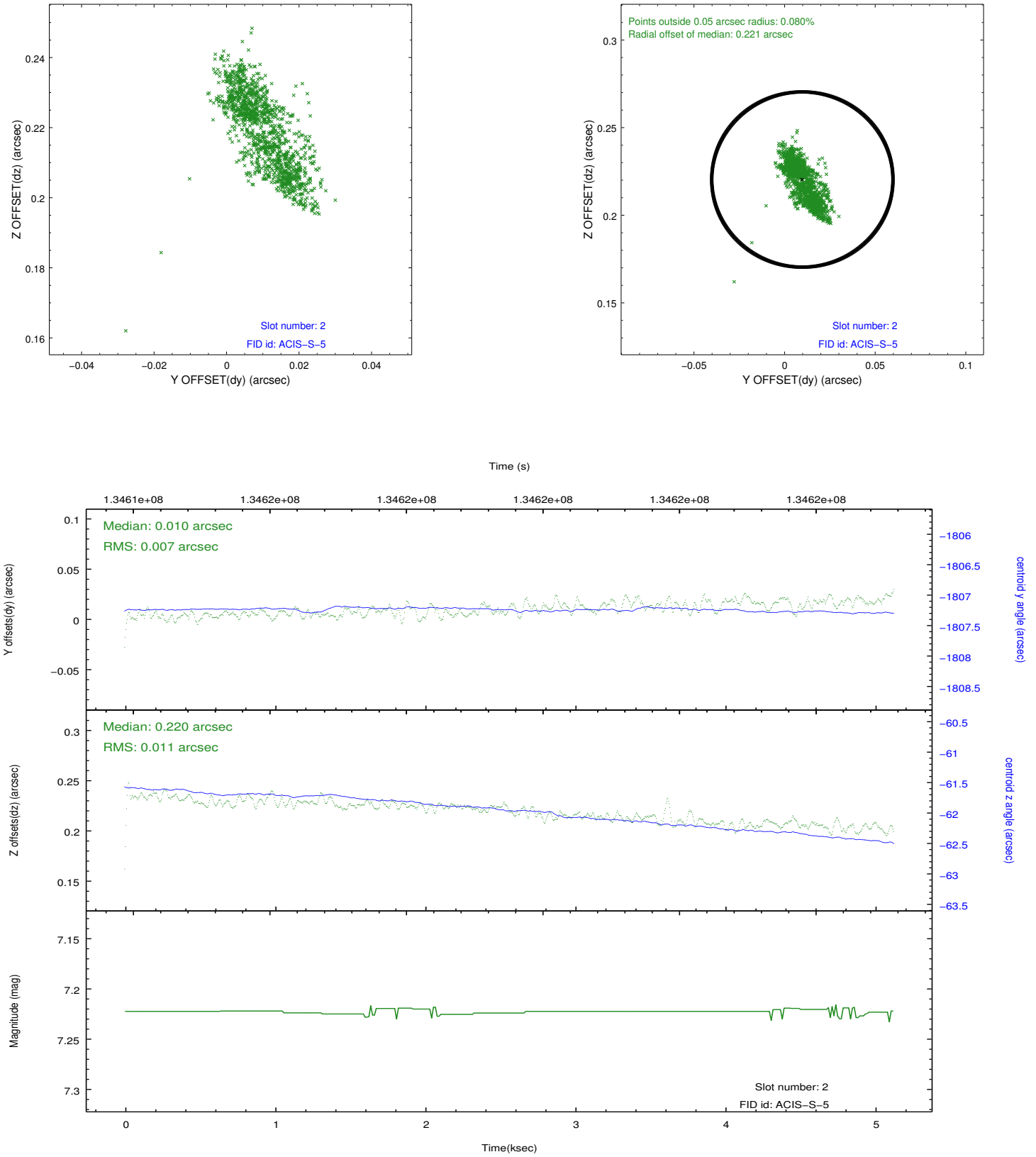
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.10.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.111

A.2 Comments