

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 406 - L2 Version 4
Chandra X-Ray Center

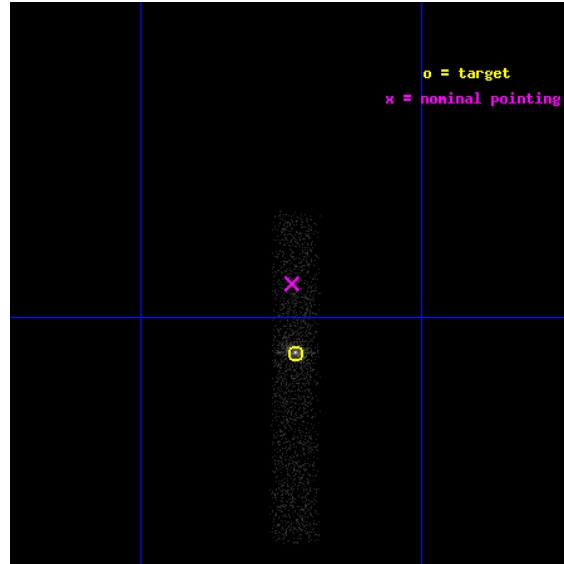
L2 Processing Date : Aug 23 2012

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1 Front

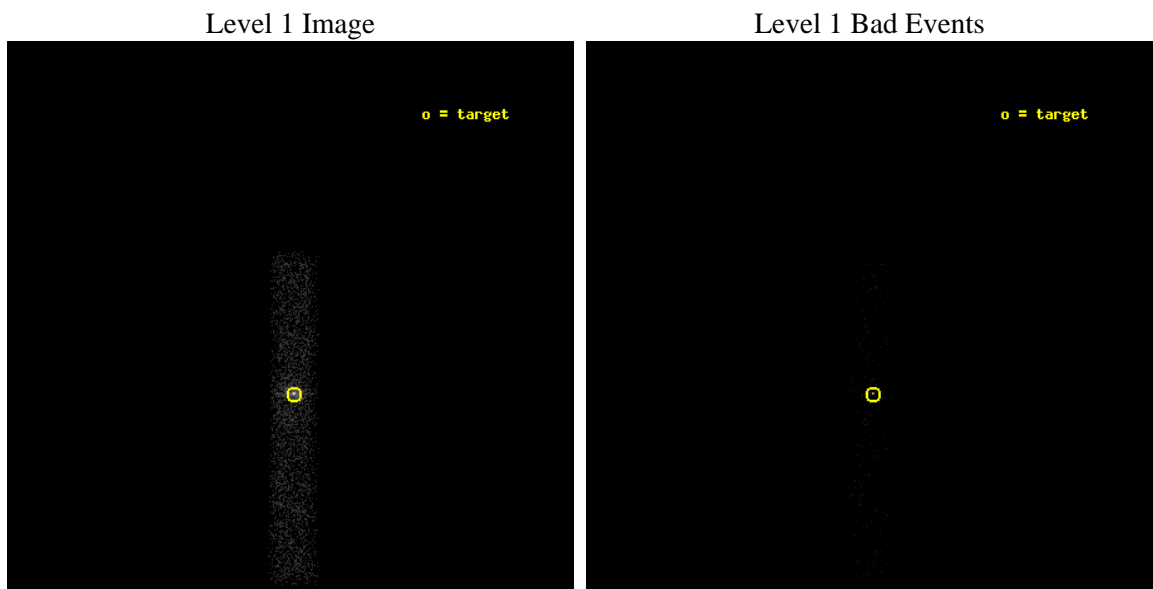
seq_num	700078	Sequence number
obs_id	406	Observation id
title	LOW-LUMINOSITY ACTIVE GALACTIC NUCLEI IN NEARBY GALAXIES	Proposal
observer	Professor Gordon Garmire	Principal investigator
object	NGC 4579	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	189.43125	Observer's specified target RA [deg]
dec_targ	11.818056	Observer's specified target Dec [deg]
ra_nom	189.43292867162	Nominal RA [deg]
dec_nom	11.84769022151	Nominal Dec [deg]
roll_nom	90.426613418233	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2945.4477685541	Sum of GTIs [s]
livetime	2671.3656525976	Livetime [s]
ontime7	2945.4477685541	Sum of GTIs [s]
l2events	6446	Number of level 2 events



2 OBI

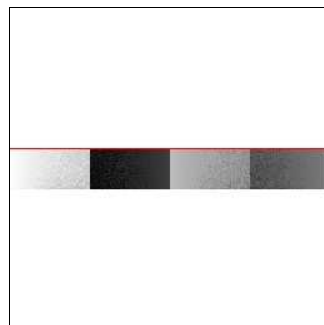
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2945.4477685541	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime7	2945.4477685541	Sum of GTIs [s]
date	2012-08-23T13:32:14	Date and time of file creation	l1events	8920	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

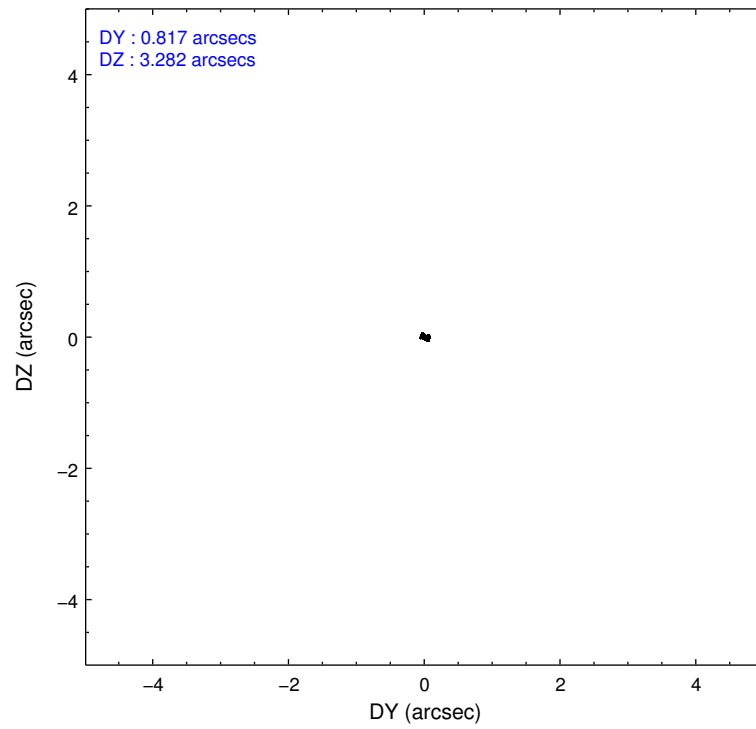
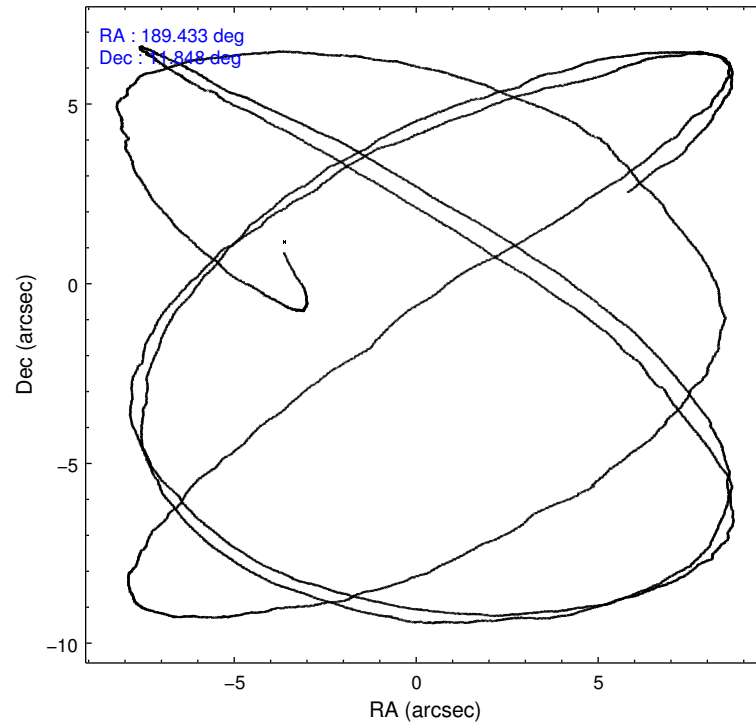
	ccd 7
level 1 events	8920
rejected events	2402
rejected %	26%

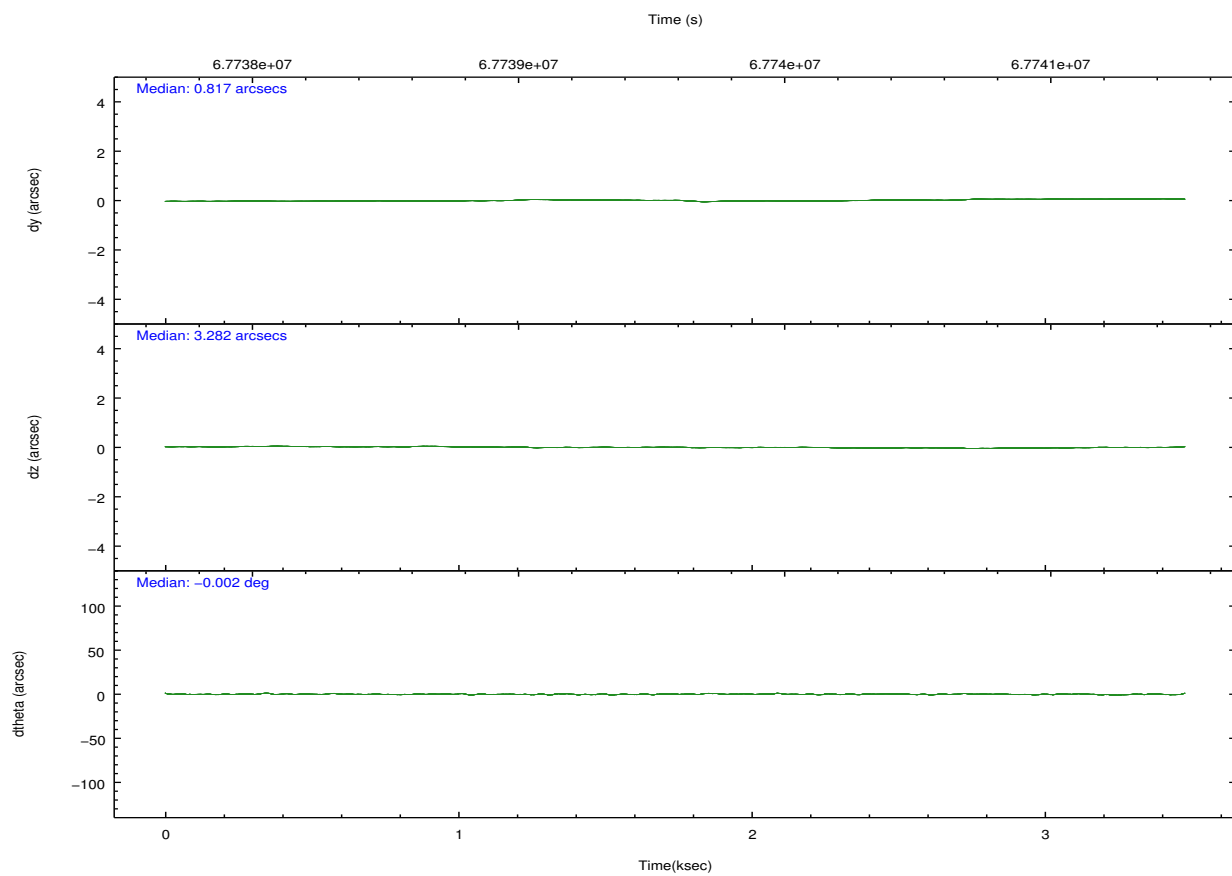
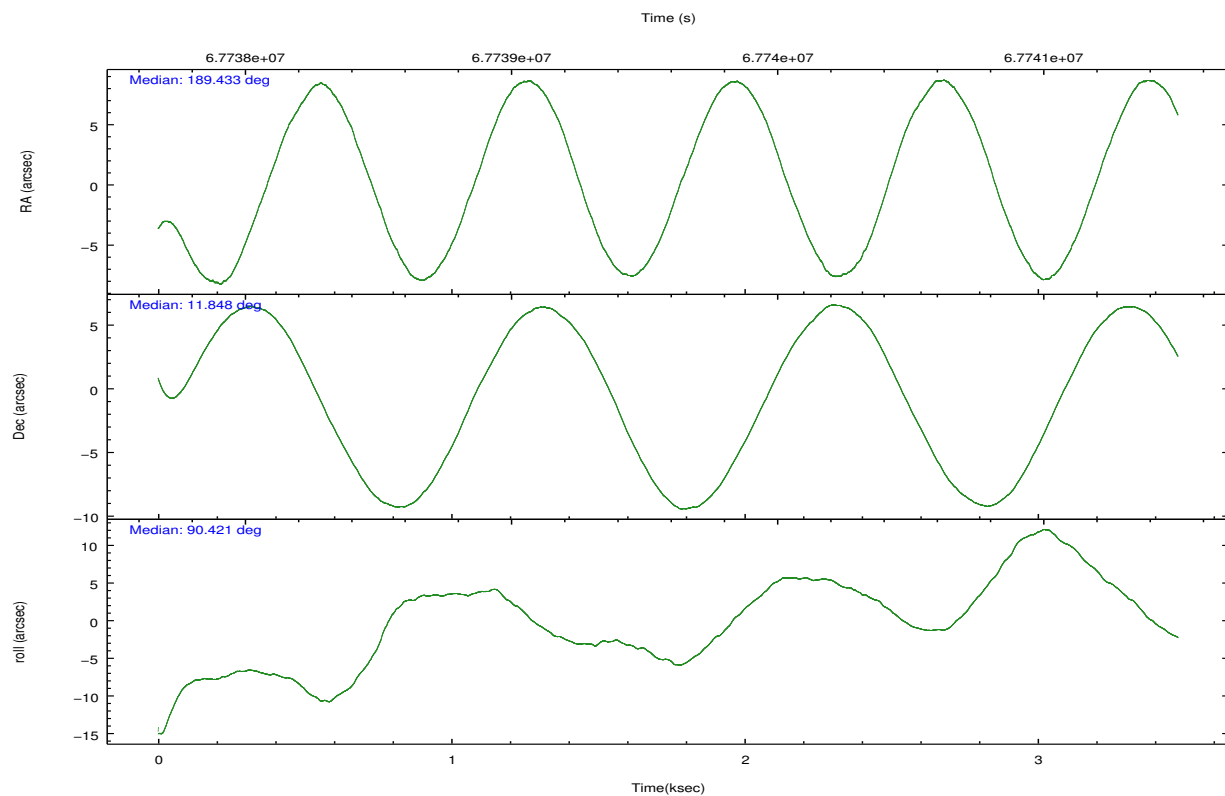
	ccd 7
grade 0 events	1688
	18%
grade 1 events	76
	0%
grade 2 events	1448
	16%
grade 3 events	754
	8%
grade 4 events	775
	8%
grade 5 events	550
	6%
grade 6 events	1853
	20%
grade 7 events	1776
	19%

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	189.447226	189.4329286716212	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	11.823793	11.84769022150997	Subarray start row	447	447
[deg] Pointing Roll	90.267036	90.42661341823259	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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	67738325.184000	67737212.858992			
Observation start date	2000-02-24T00:11:01	2000-02-23T23:53:32			
[s] Observation end time (MET)	67741325.184000	67741740.28415699			
Observation end date	2000-02-24T01:01:01	2000-02-24T01:09:00			
Read mode	TIMED	TIMED			

2.3 Aspect



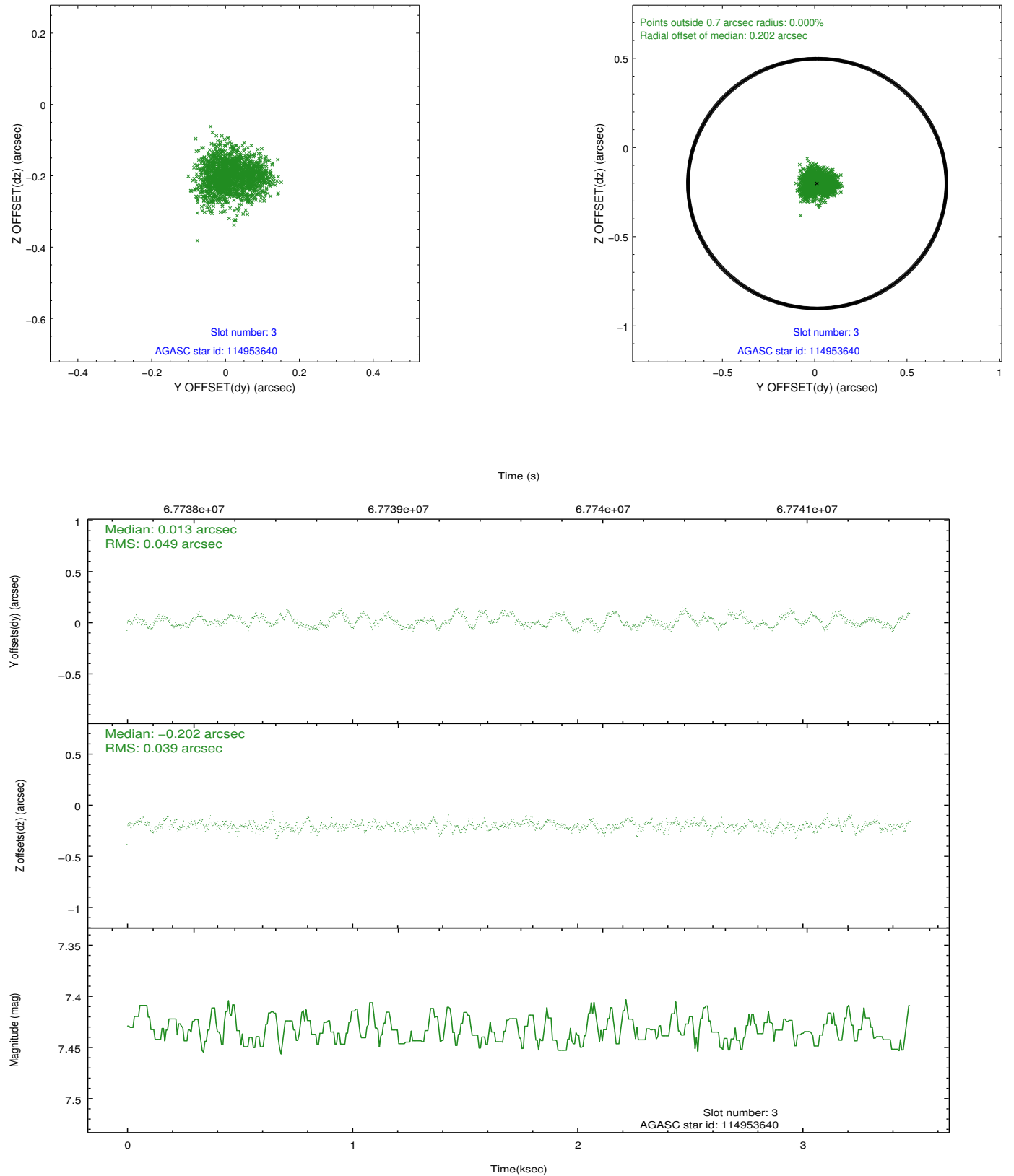


Slot Statistics

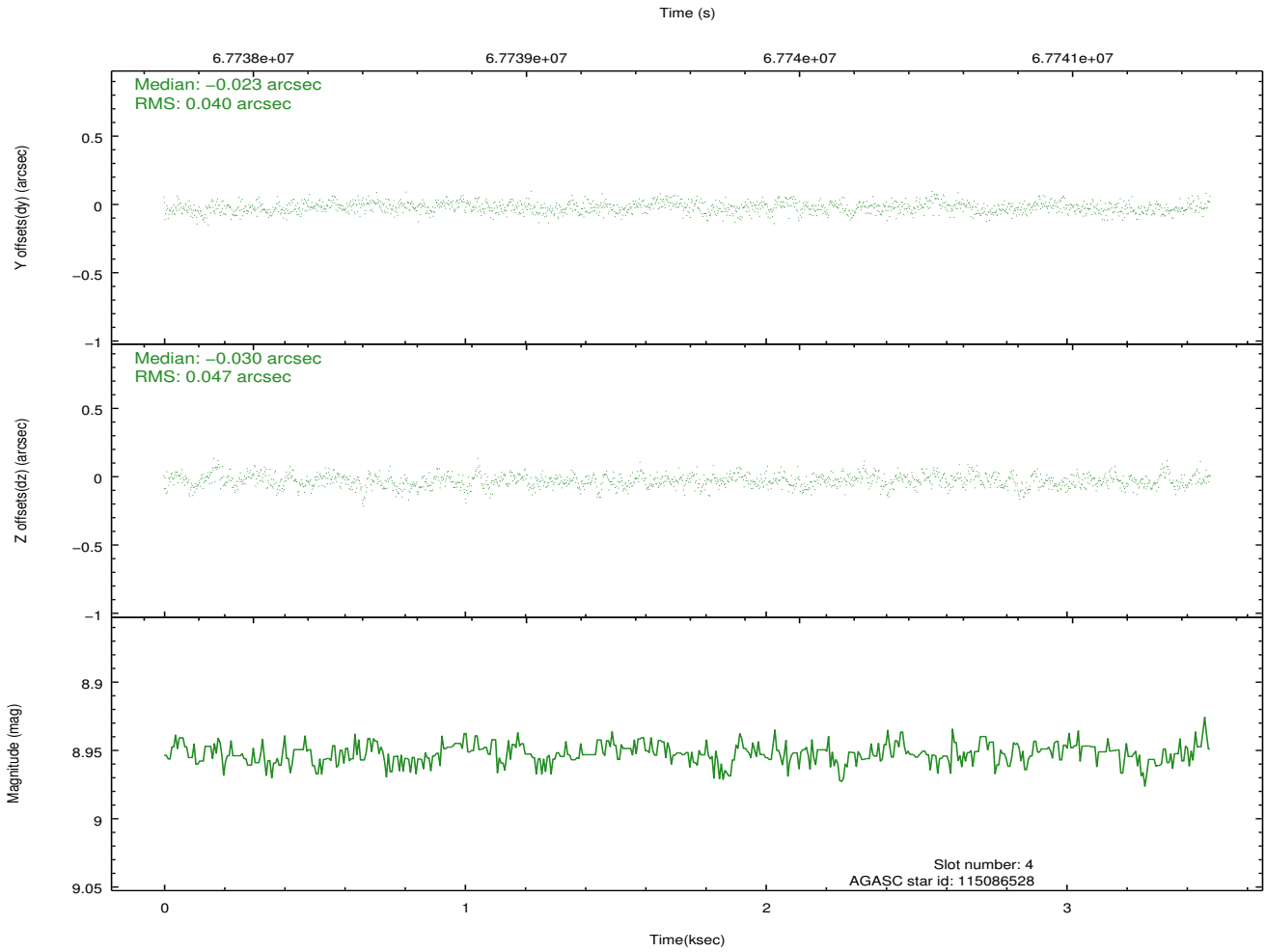
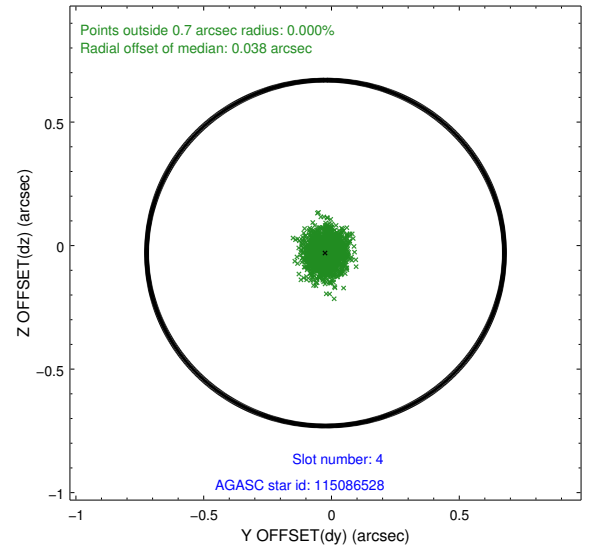
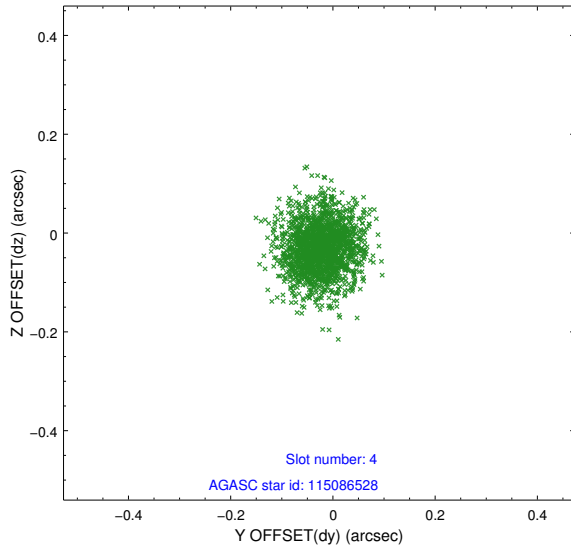
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	849	-0.006	-0.019	0.006	0.010	0.000000	0.000000	-753.47	-1724.29
1	FID	ACIS-S-4	7.21	849	0.023	0.008	0.005	0.010	0.000000	0.000000	2159.08	182.26
2	FID	ACIS-S-5	7.24	848	-0.048	0.019	0.007	0.011	0.000000	0.000000	-1803.95	178.13
3	GUIDE	114953640	7.43	1697	0.013	-0.202	0.068	0.104	188.794711	11.547726	-981.22	2305.53
4	GUIDE	115086528	8.95	1697	-0.023	-0.030	0.065	0.107	189.286111	12.182164	1291.76	562.12
5	GUIDE	114953336	9.23	1696	0.125	-0.006	0.089	0.137	188.911176	11.326132	-1780.83	1900.43
6	GUIDE	115085768	9.95	1697	0.018	0.022	0.093	0.157	189.167689	11.938344	415.82	983.53
7	GUIDE	115089520	9.65	1696	-0.134	0.219	0.090	0.150	189.892491	12.217562	1411.31	-1572.62

2.4 Star Slots

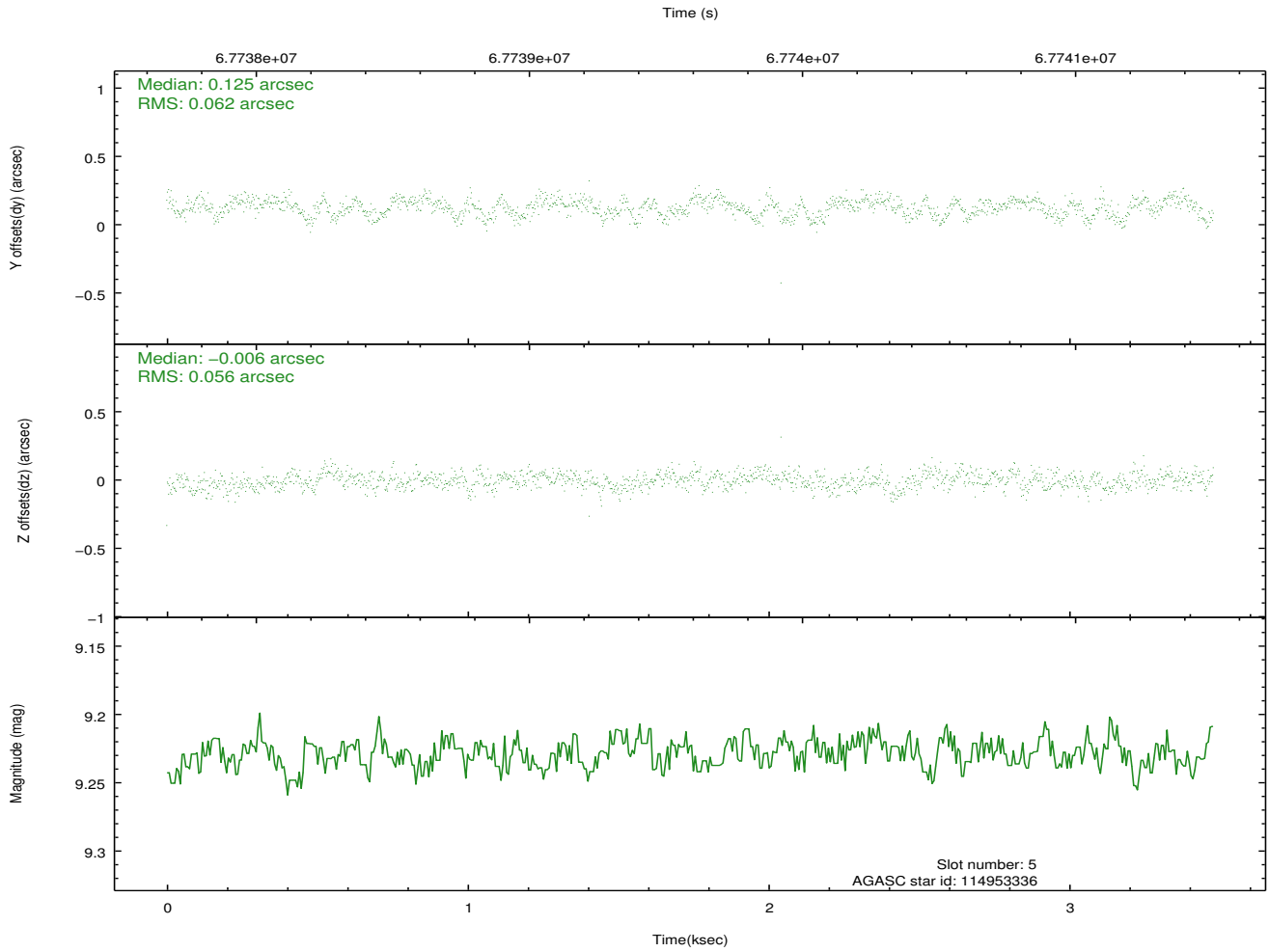
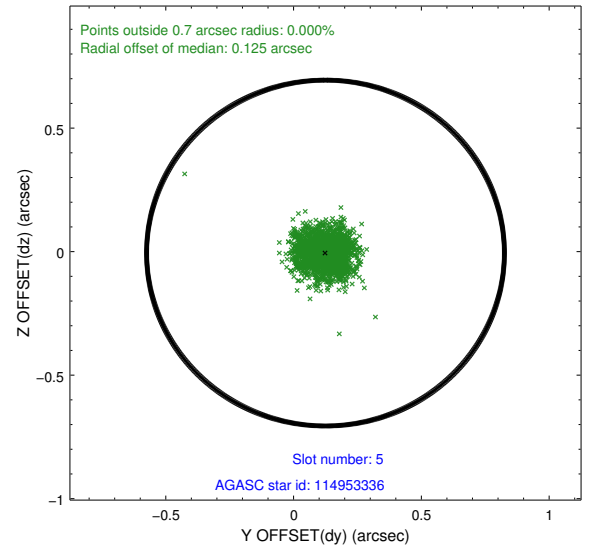
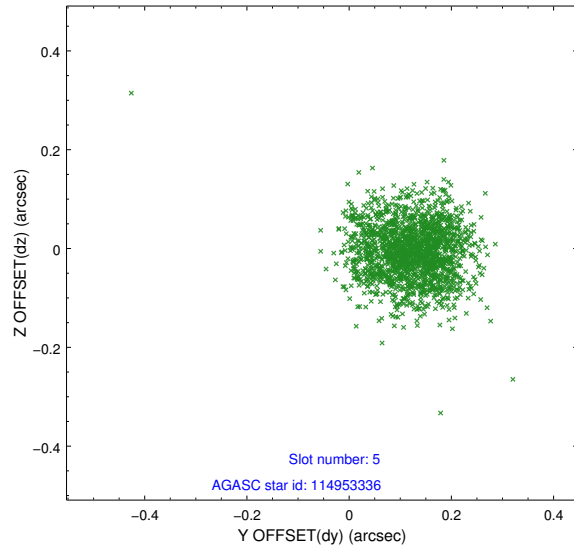
2.4.1 Slot 3



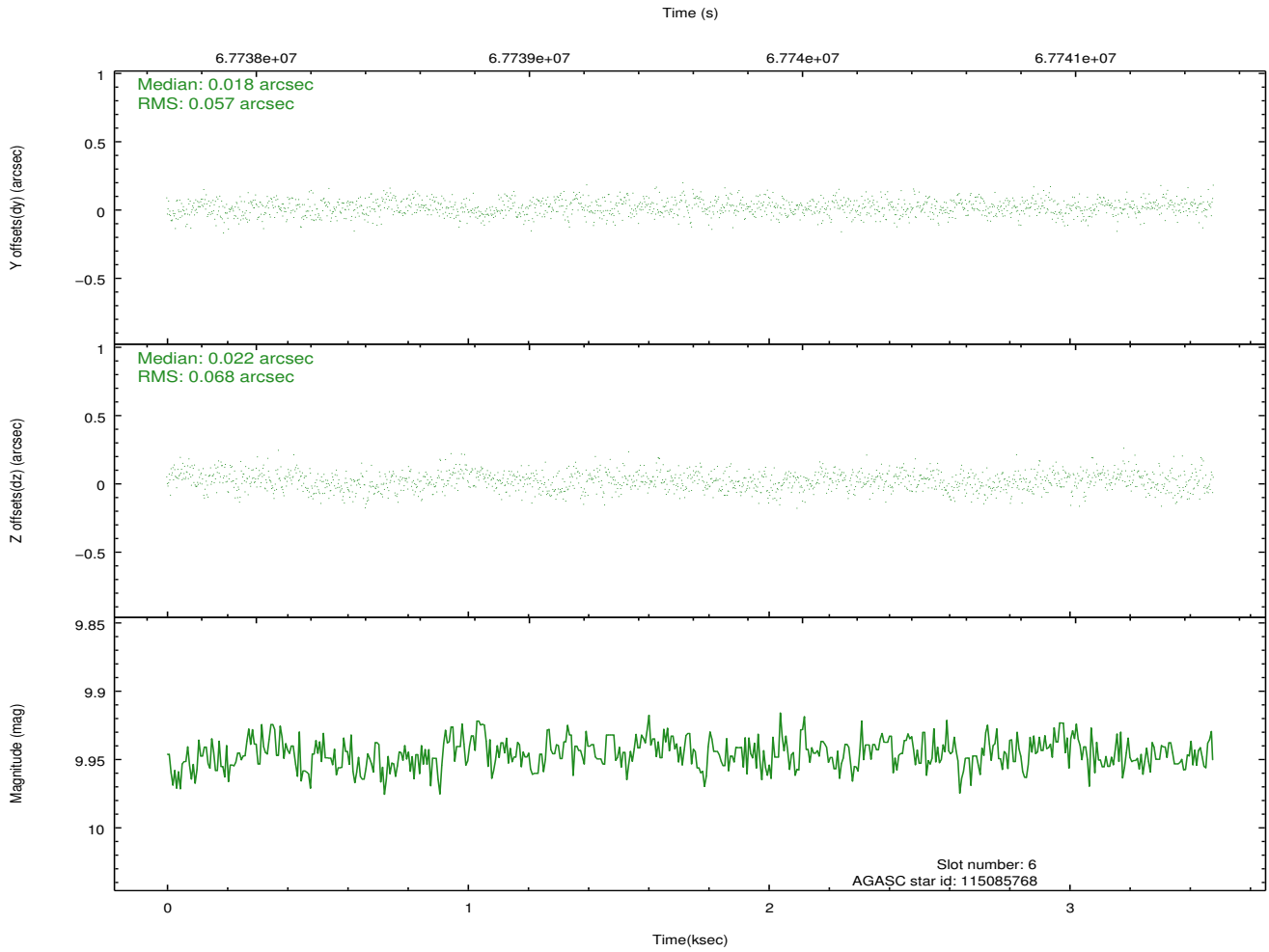
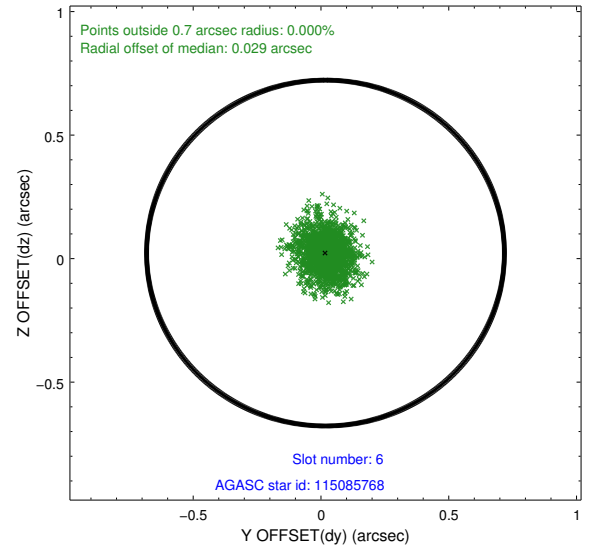
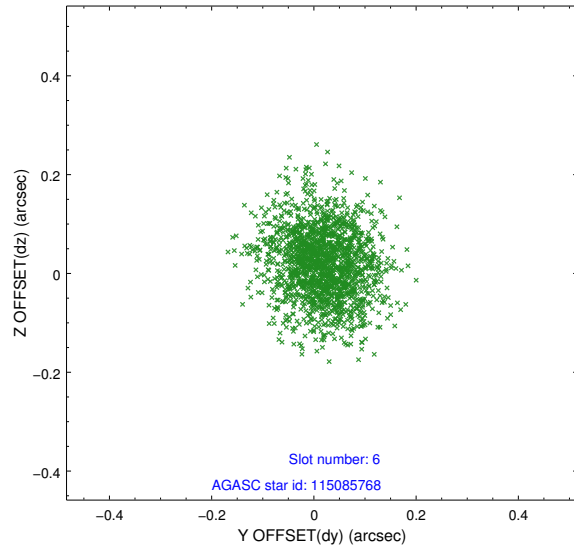
2.4.2 Slot 4



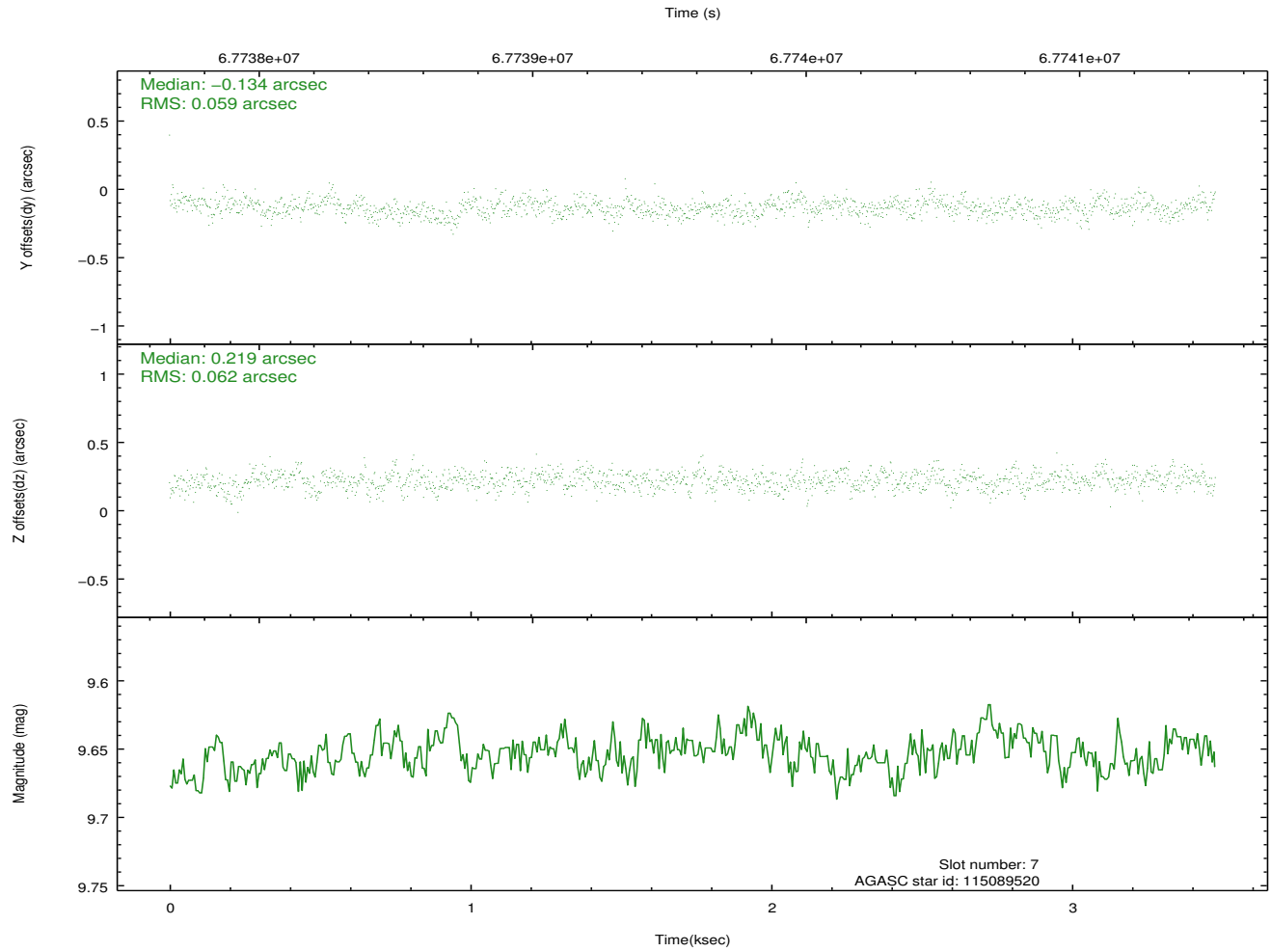
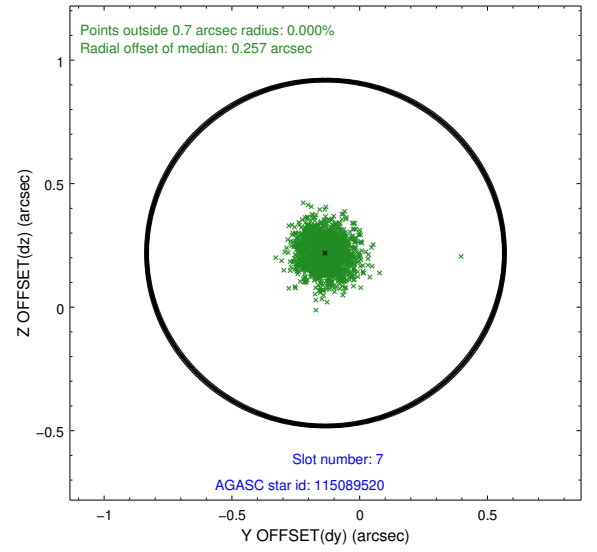
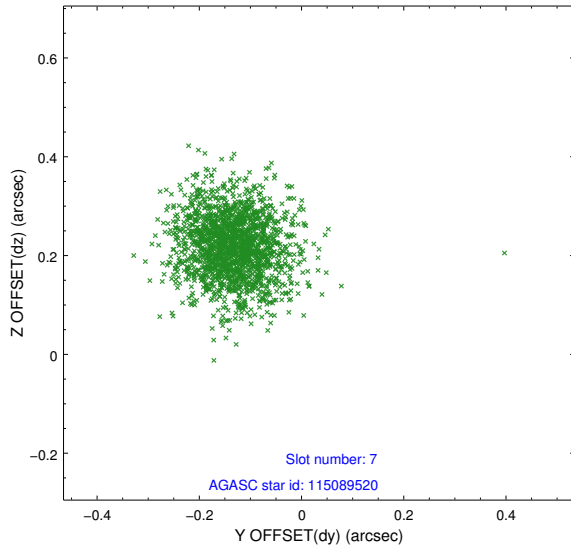
2.4.3 Slot 5



2.4.4 Slot 6

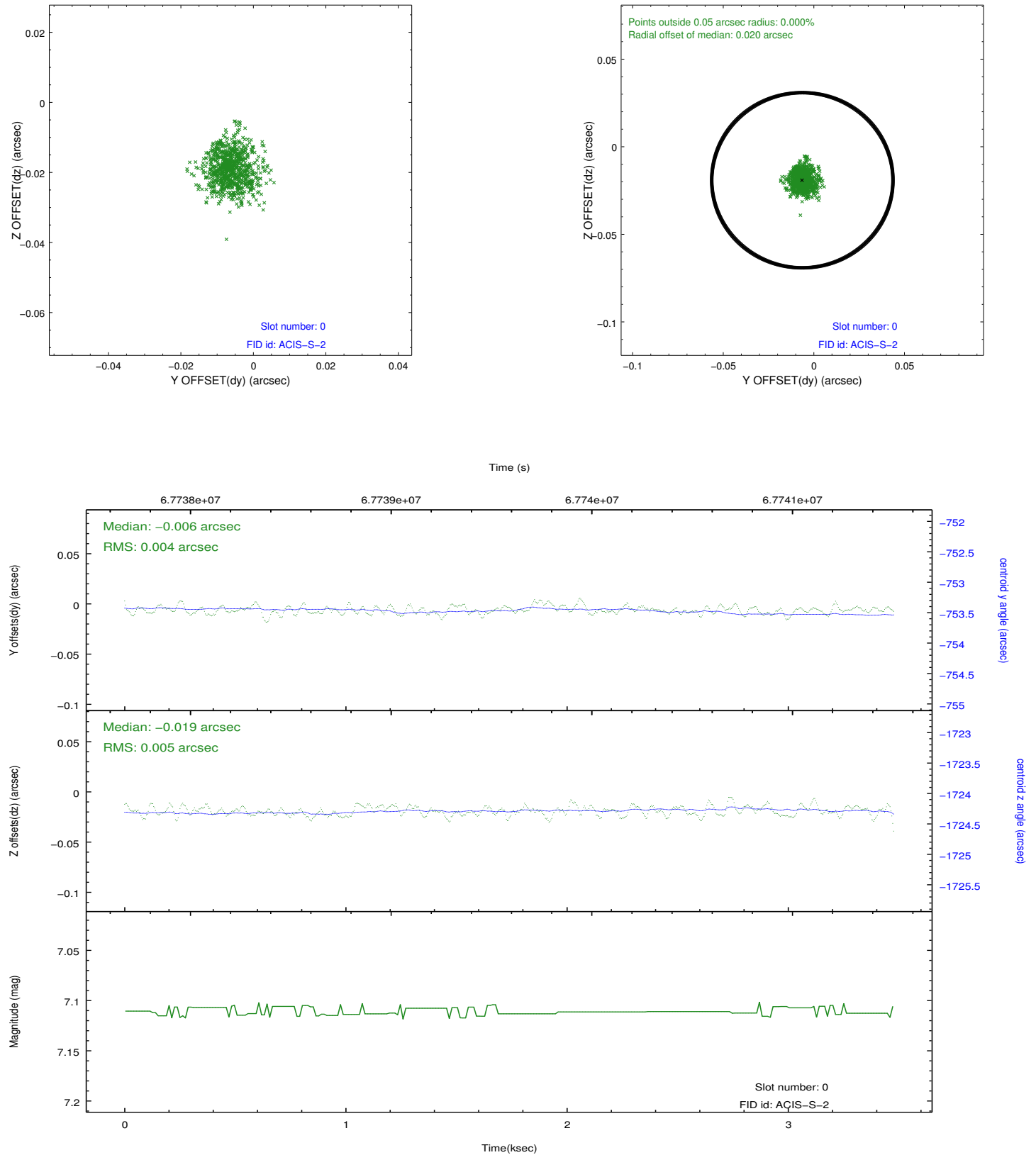


2.4.5 Slot 7

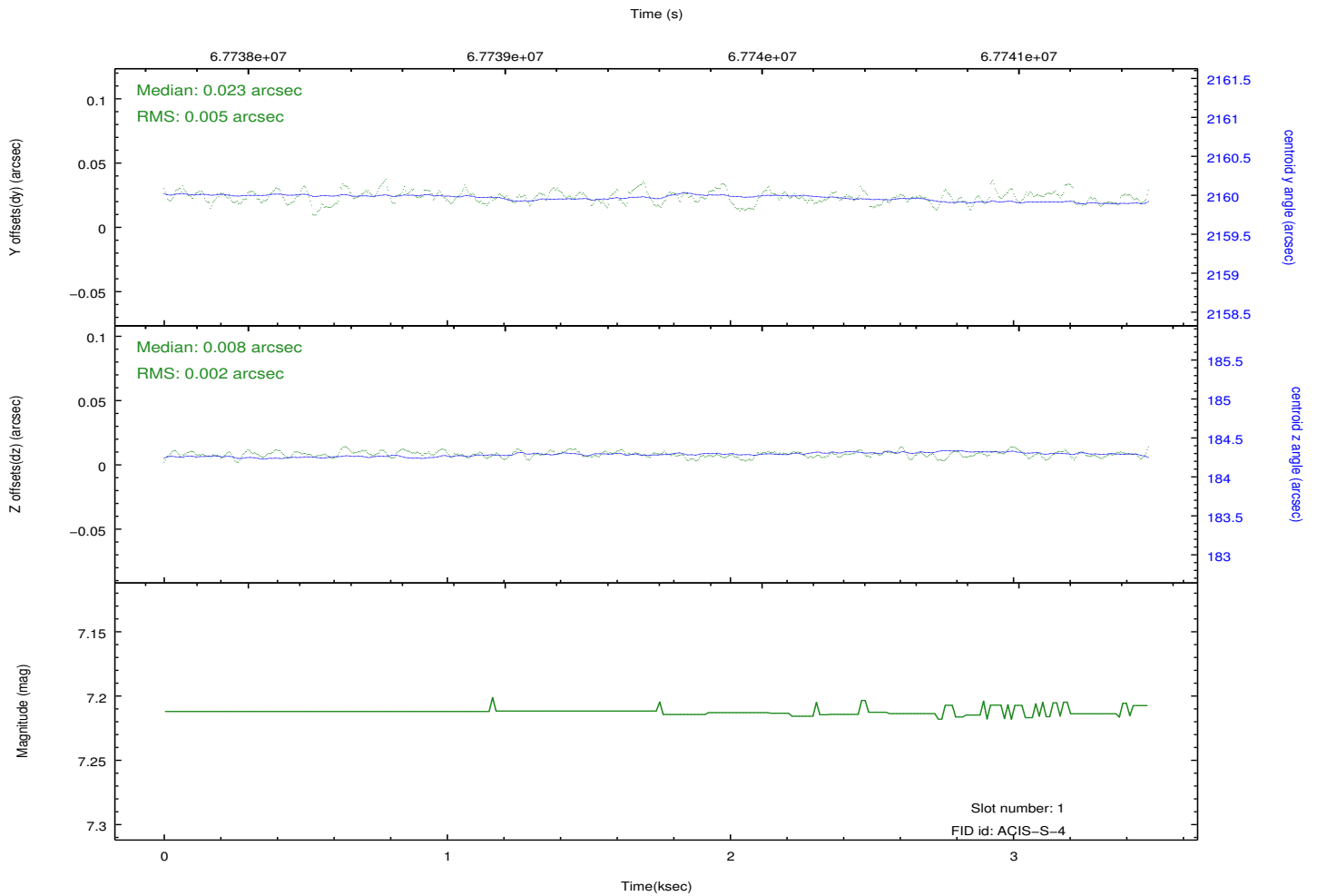
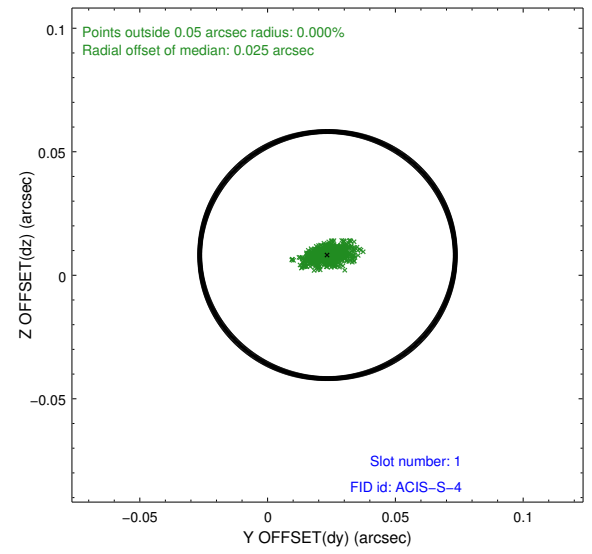
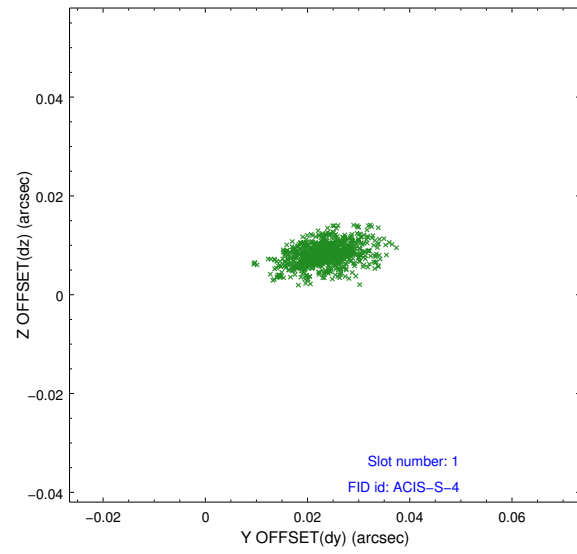


2.5 FID Slots

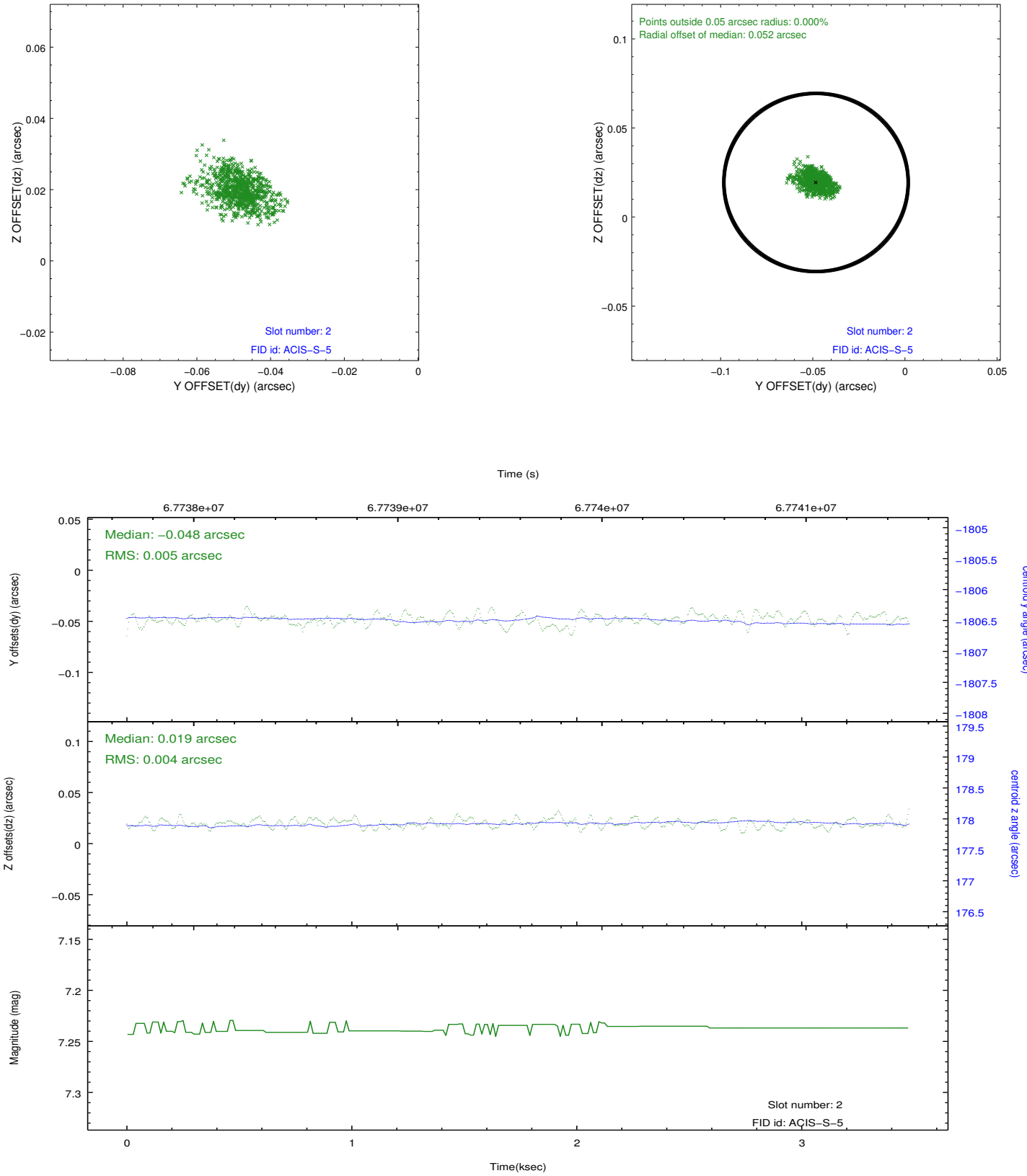
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.945

A.2 Comments