

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 1624 - L2 Version 3
Chandra X-Ray Center

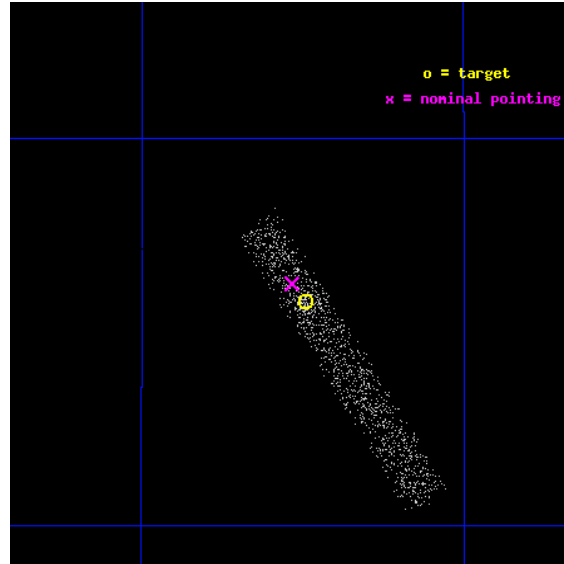
L2 Processing Date : Sep 30 2012

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1 Front

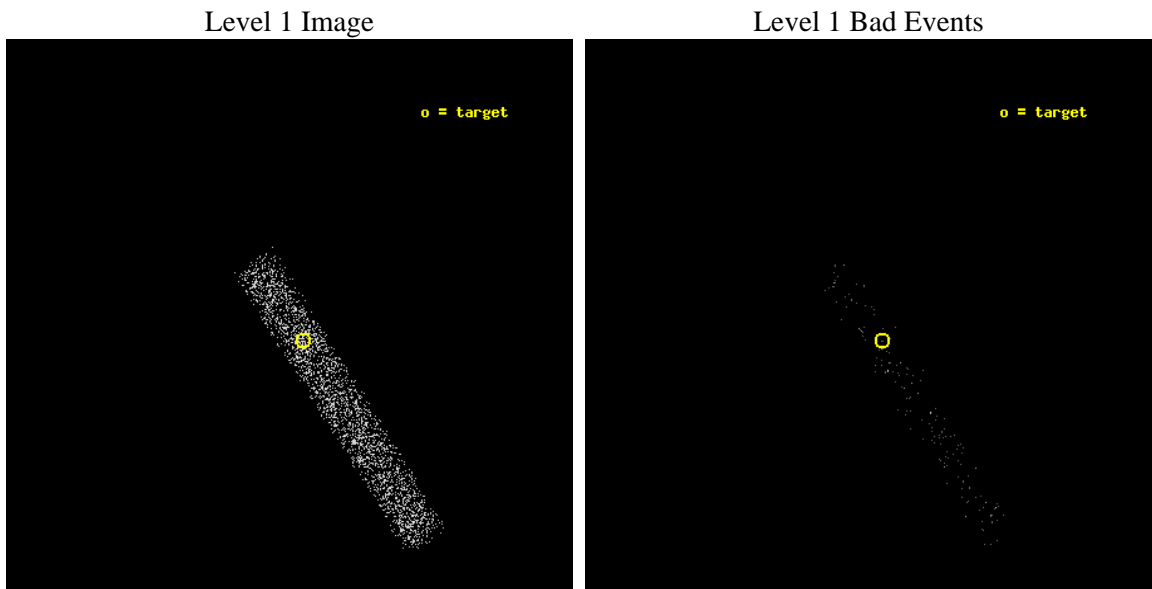
seq_num	700240	Sequence number
obs_id	1624	Observation id
title	STUDIES OF RADIO JETS AND THE NARROW LINE REGIONS OF ACTIVE GALAXIES	
observer	Professor Andrew Wilson	Principal investigator
object	NGC5866	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	226.6225	Observer's specified target RA [deg]
dec_targ	55.763694	Observer's specified target Dec [deg]
ra_nom	226.63355705329	Nominal RA [deg]
dec_nom	55.770910247917	Nominal Dec [deg]
roll_nom	57.987361721639	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2478.0000369251	Sum of GTIs [s]
livetime	2247.4152339244	Livetime [s]
ontime7	2478.0000369251	Sum of GTIs [s]
l2events	1338	Number of level 2 events



2 OBI

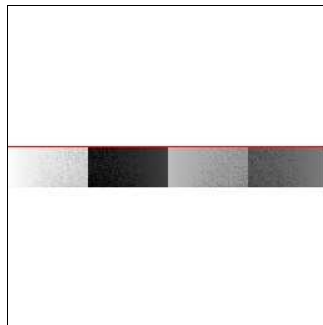
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2478.0000369251	Sum of GTIs [s]
caldbver	4.5.2	 	ontime7	2478.0000369251	Sum of GTIs [s]
date	2012-09-30T03:42:33	Date and time of file creation	l1events	3334	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

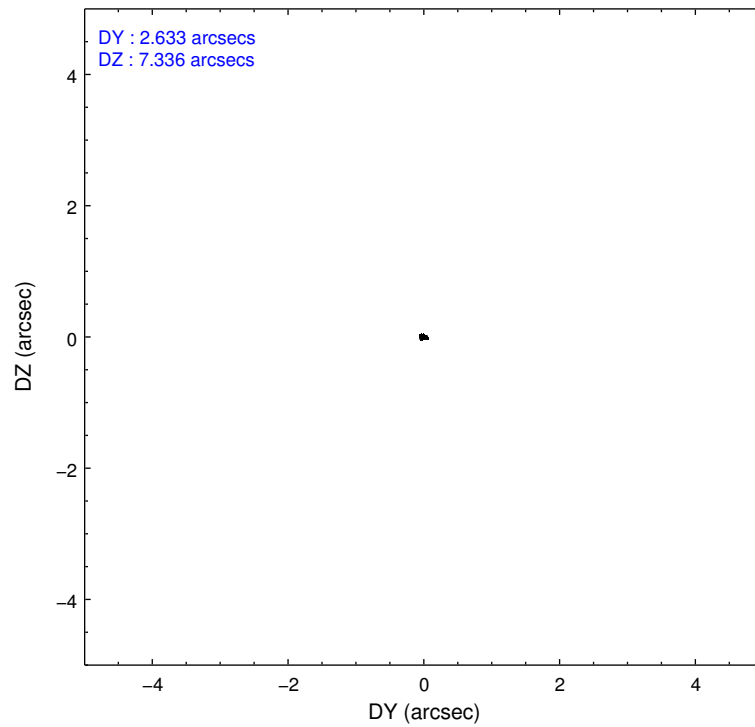
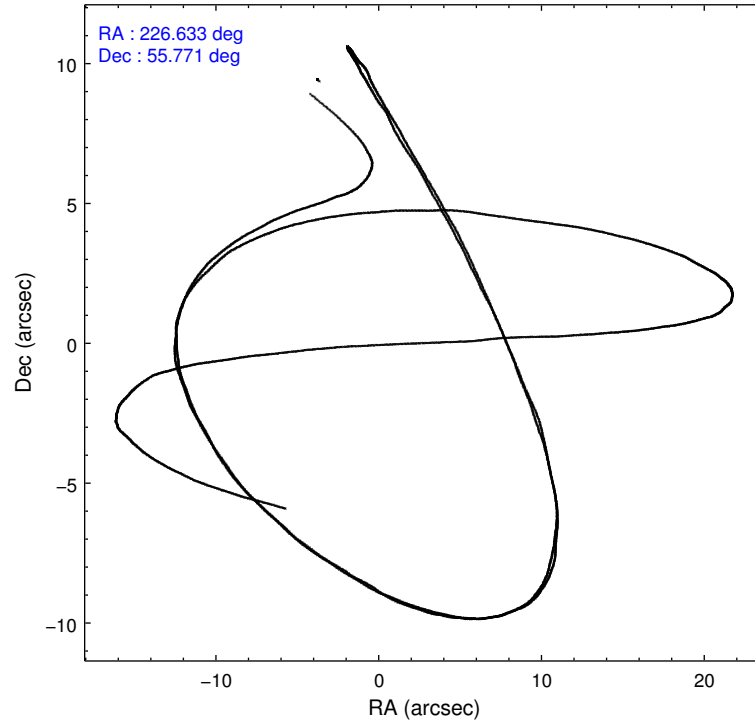
	ccd 7
level 1 events	3334
rejected events	1947
rejected %	58%

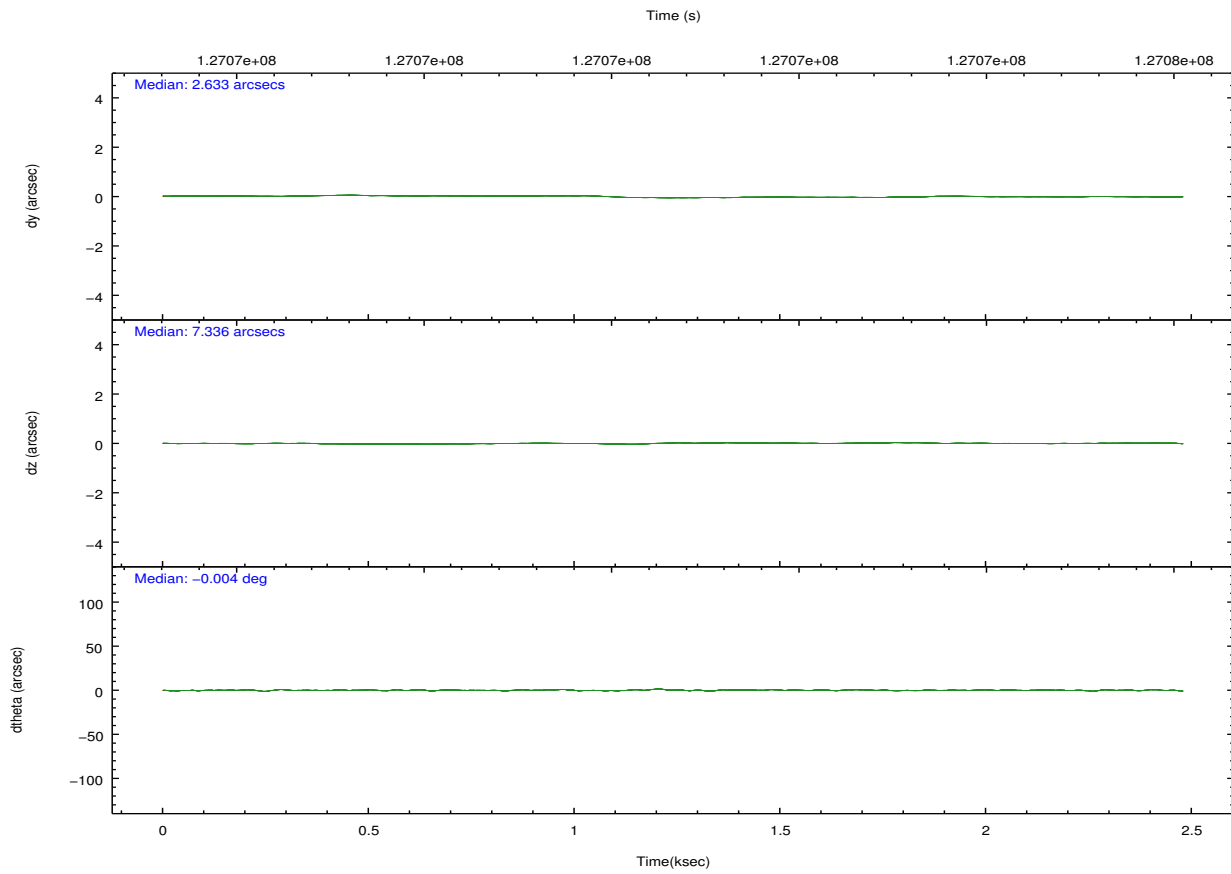
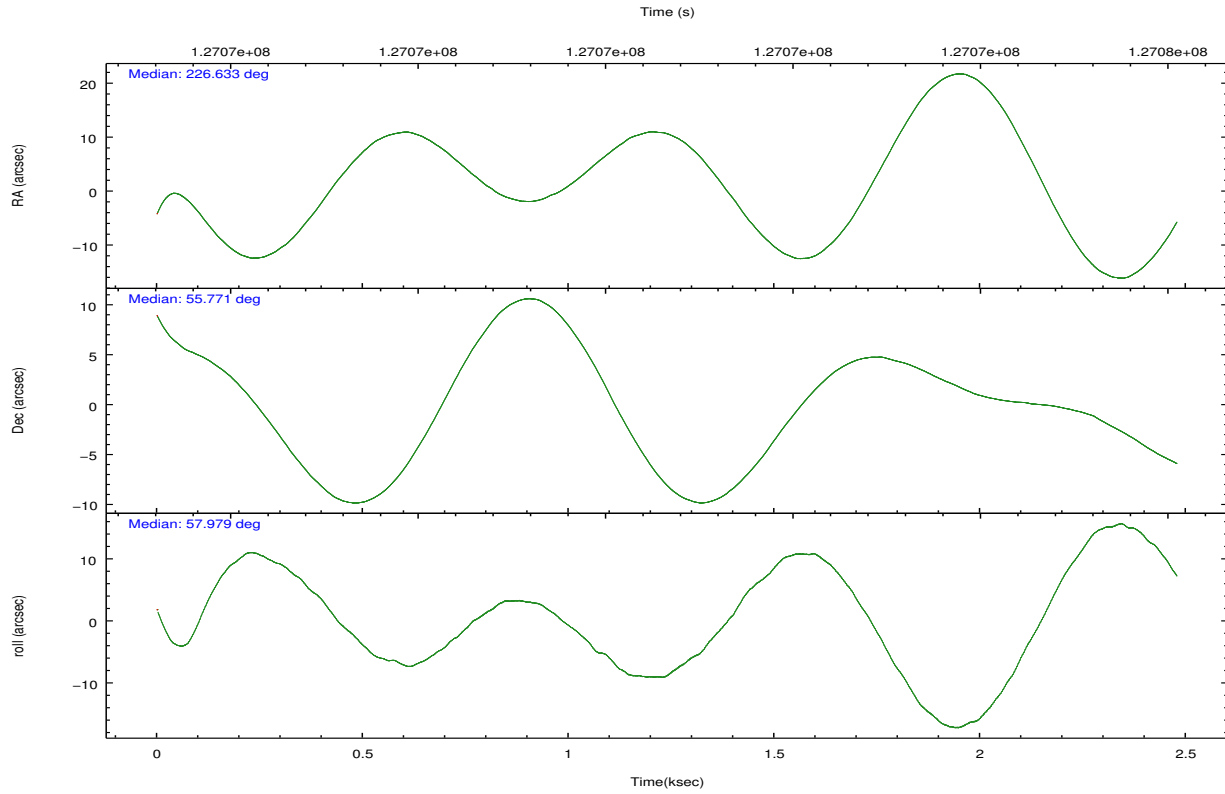
	ccd 7
grade 0 events	203
	6%
grade 1 events	1
	0%
grade 2 events	309
	9%
grade 3 events	201
	6%
grade 4 events	208
	6%
grade 5 events	284
	8%
grade 6 events	657
	19%
grade 7 events	1471
	44%

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	226.632984	226.633557053286	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	55.743652	55.77091024791662	Subarray start row	447	447
[deg] Pointing Roll	57.831209	57.9873617216392	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	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	127072904.184000	127071805.25816			
Observation start date	2002-01-10T18:00:40	2002-01-10T17:43:25			
[s] Observation end time (MET)	127074904.184000	127075595.70831			
Observation end date	2002-01-10T18:34:00	2002-01-10T18:46:35			
Read mode	TIMED	TIMED			

2.3 Aspect



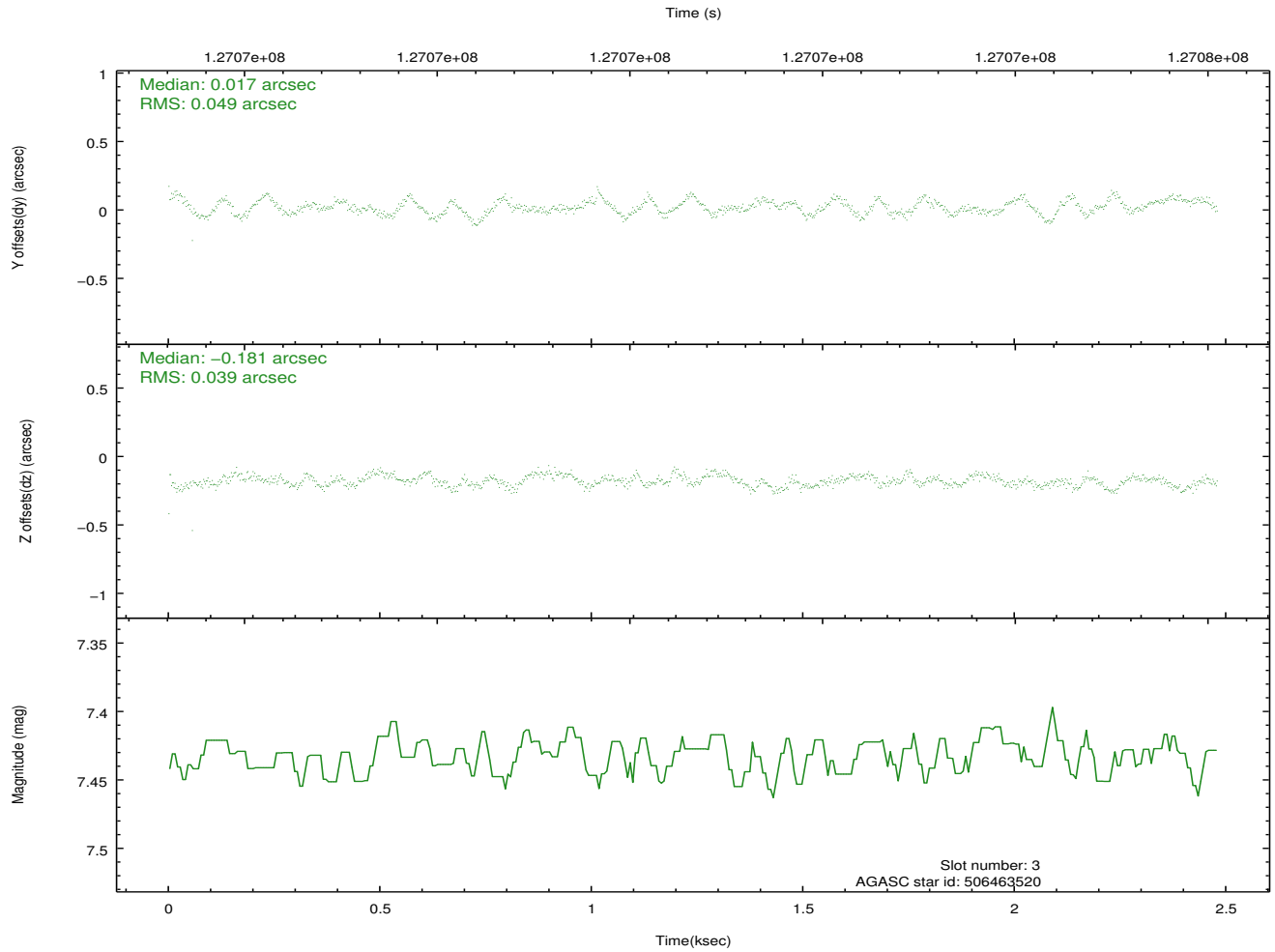
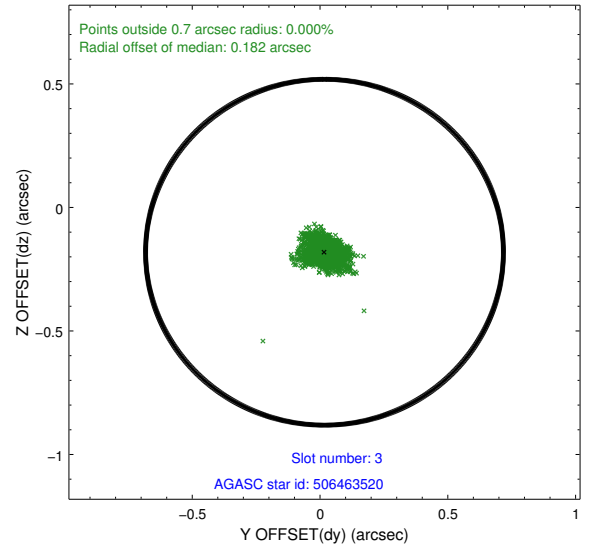
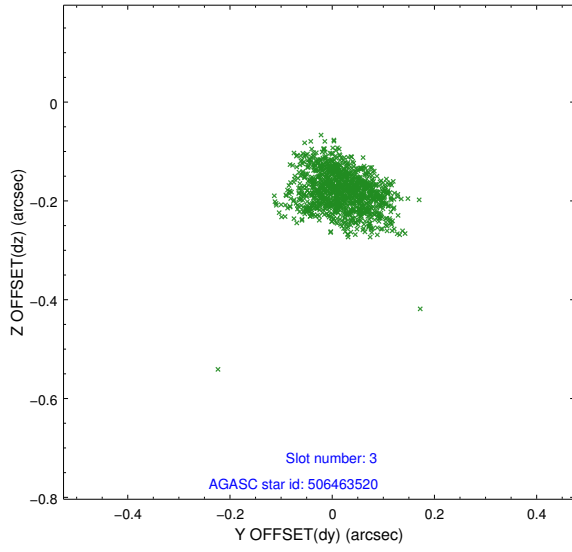


Slot Statistics

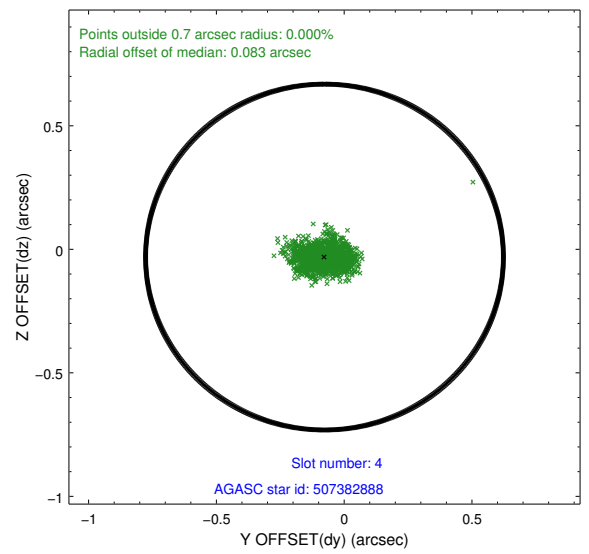
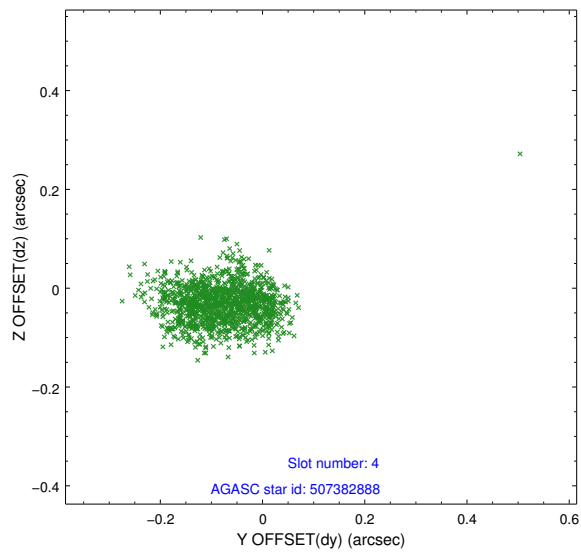
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	605	-0.003	0.014	0.006	0.010	0.000000	0.000000	-755.27	-1728.49
1	FID	ACIS-S-4	7.20	605	-0.053	-0.002	0.005	0.009	0.000000	0.000000	2156.78	177.27
2	FID	ACIS-S-5	7.23	605	0.025	-0.003	0.006	0.010	0.000000	0.000000	-1804.72	173.92
3	GUIDE	506463520	7.43	1209	0.017	-0.181	0.066	0.104	225.099310	55.618165	-2012.53	2414.54
4	GUIDE	507382888	8.34	1208	-0.077	-0.031	0.081	0.127	227.987228	56.025159	2330.36	-1751.88
5	GUIDE	507380816	8.99	1209	0.013	0.112	0.074	0.118	226.866183	55.265818	-1197.69	-1323.58
6	GUIDE	507381088	9.47	1209	-0.069	0.146	0.083	0.134	227.169262	55.814749	797.72	-782.35
7	GUIDE	506462336	9.48	1208	0.117	-0.043	0.099	0.159	225.743311	55.486309	-1739.02	1046.30

2.4 Star Slots

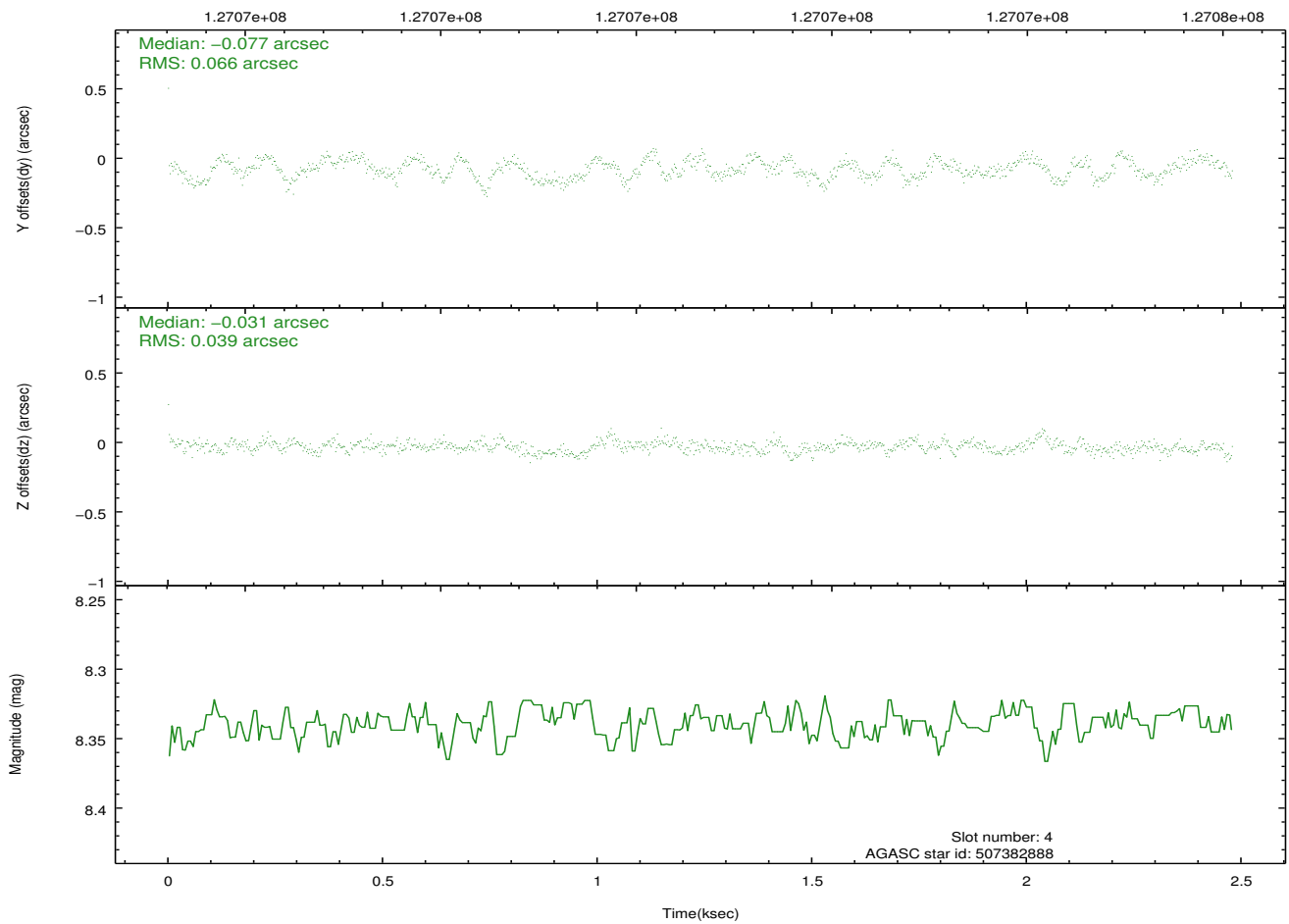
2.4.1 Slot 3



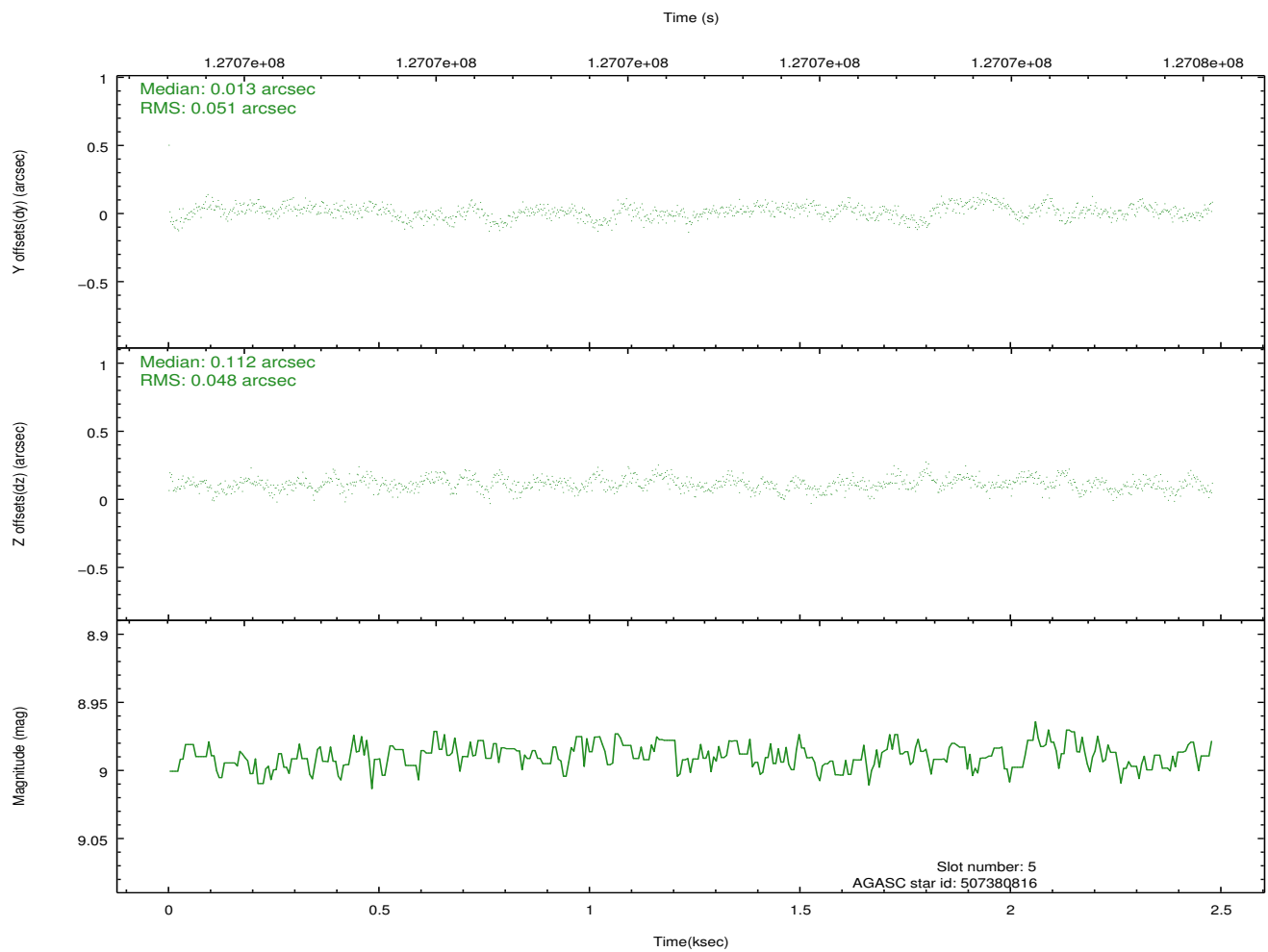
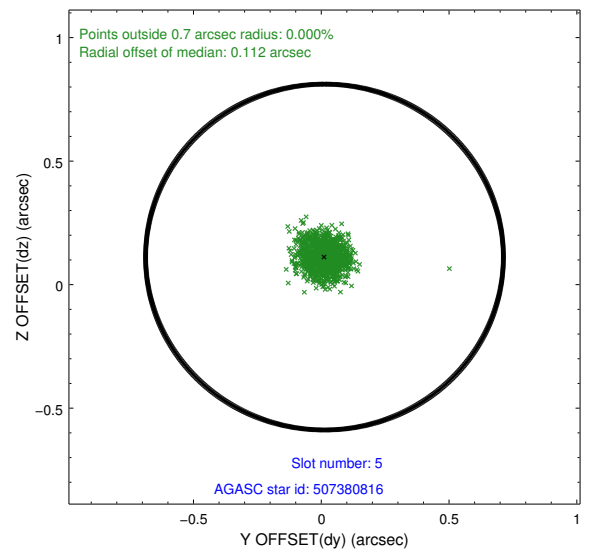
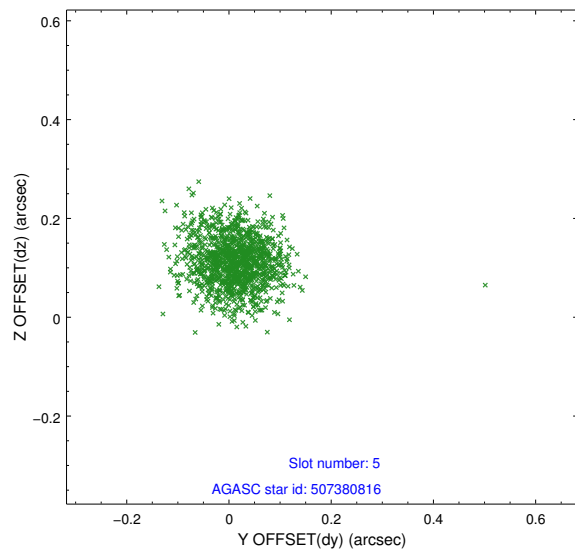
2.4.2 Slot 4



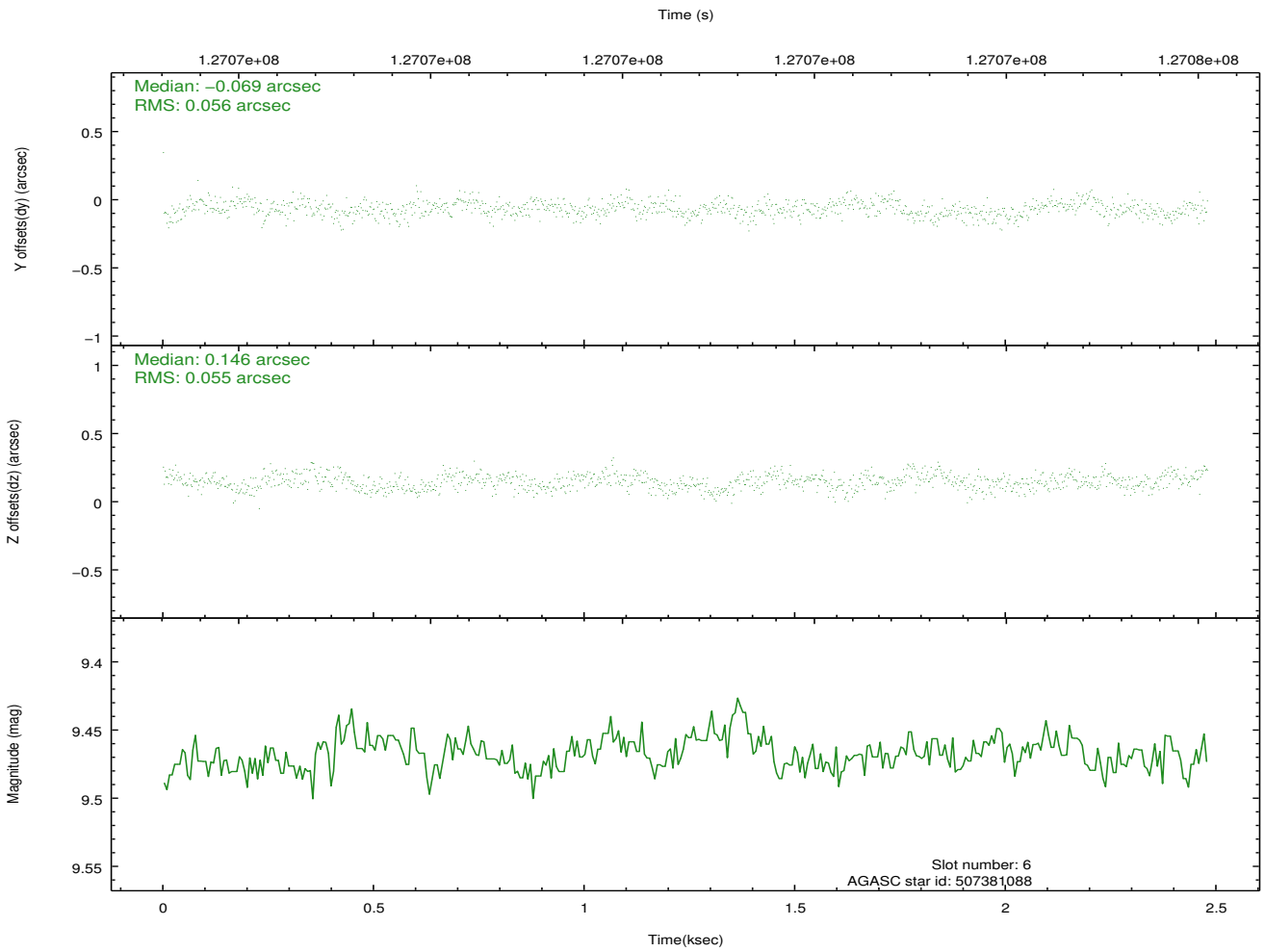
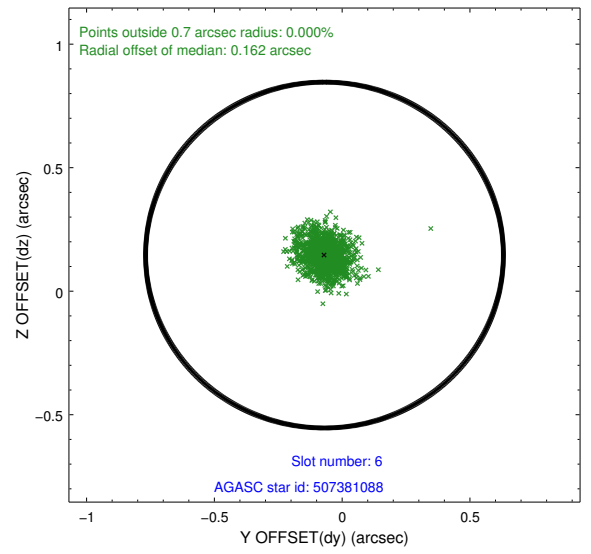
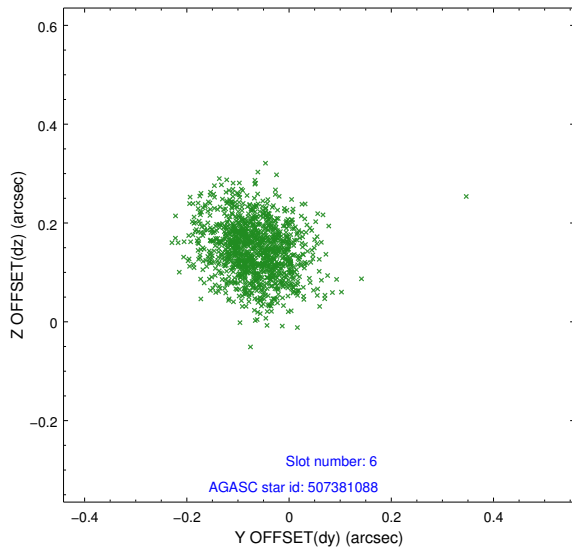
Time (s)



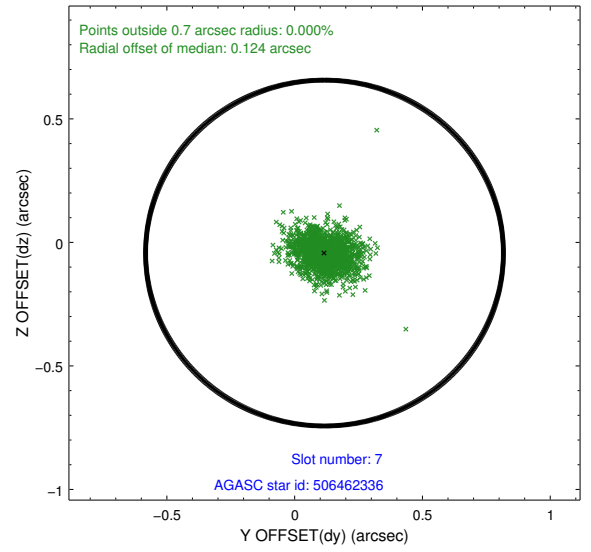
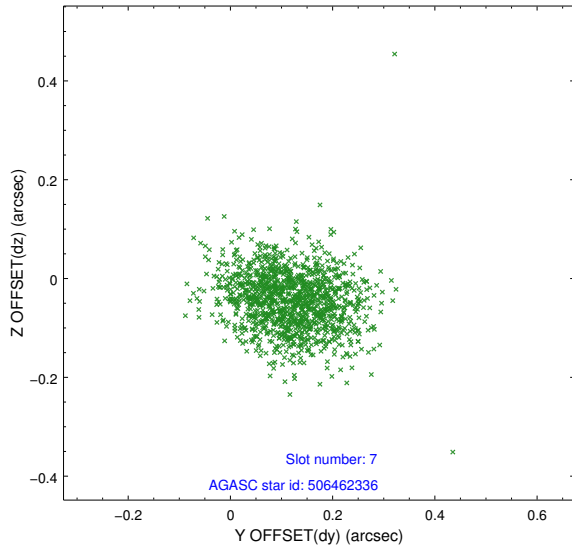
2.4.3 Slot 5



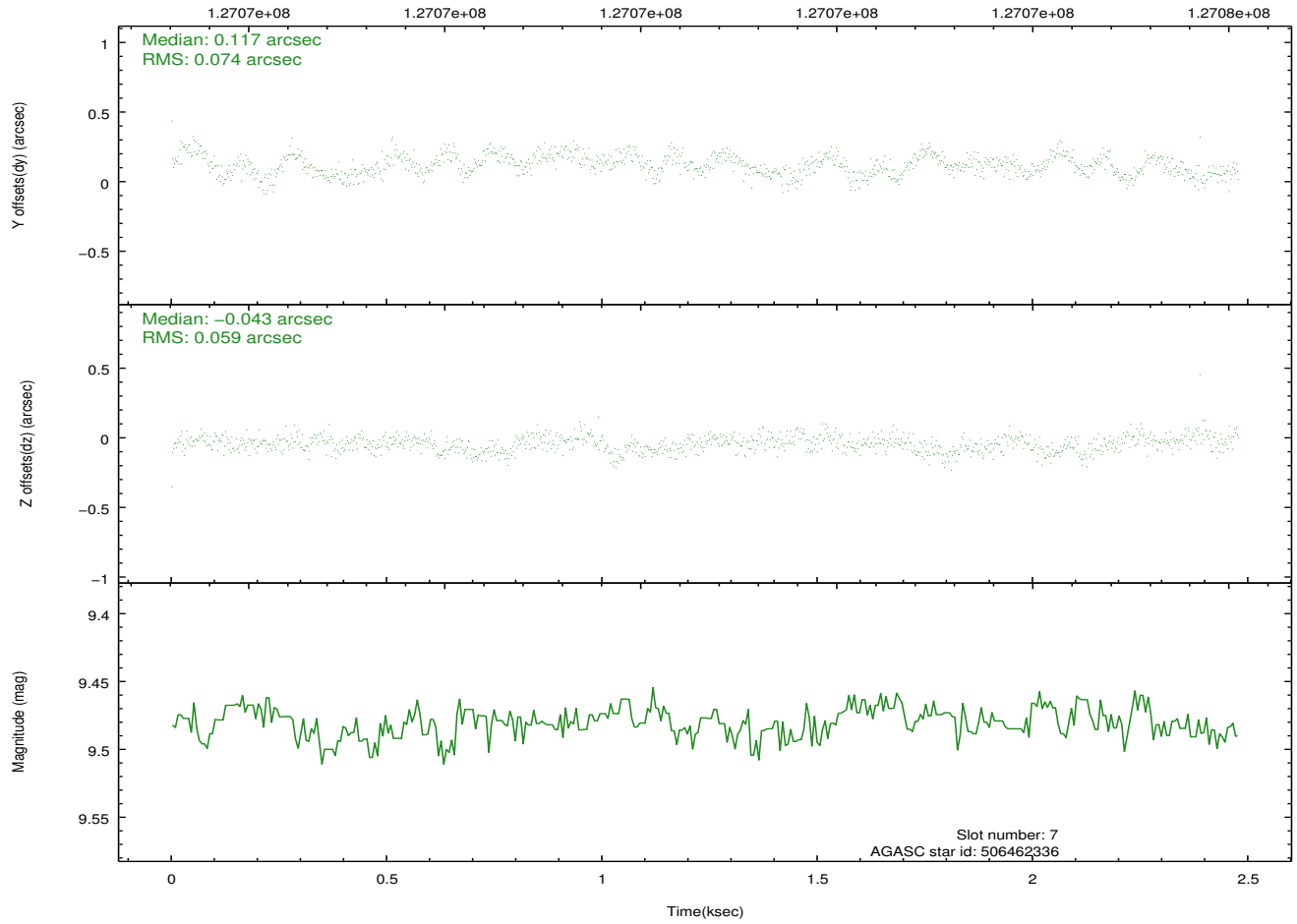
2.4.4 Slot 6



2.4.5 Slot 7

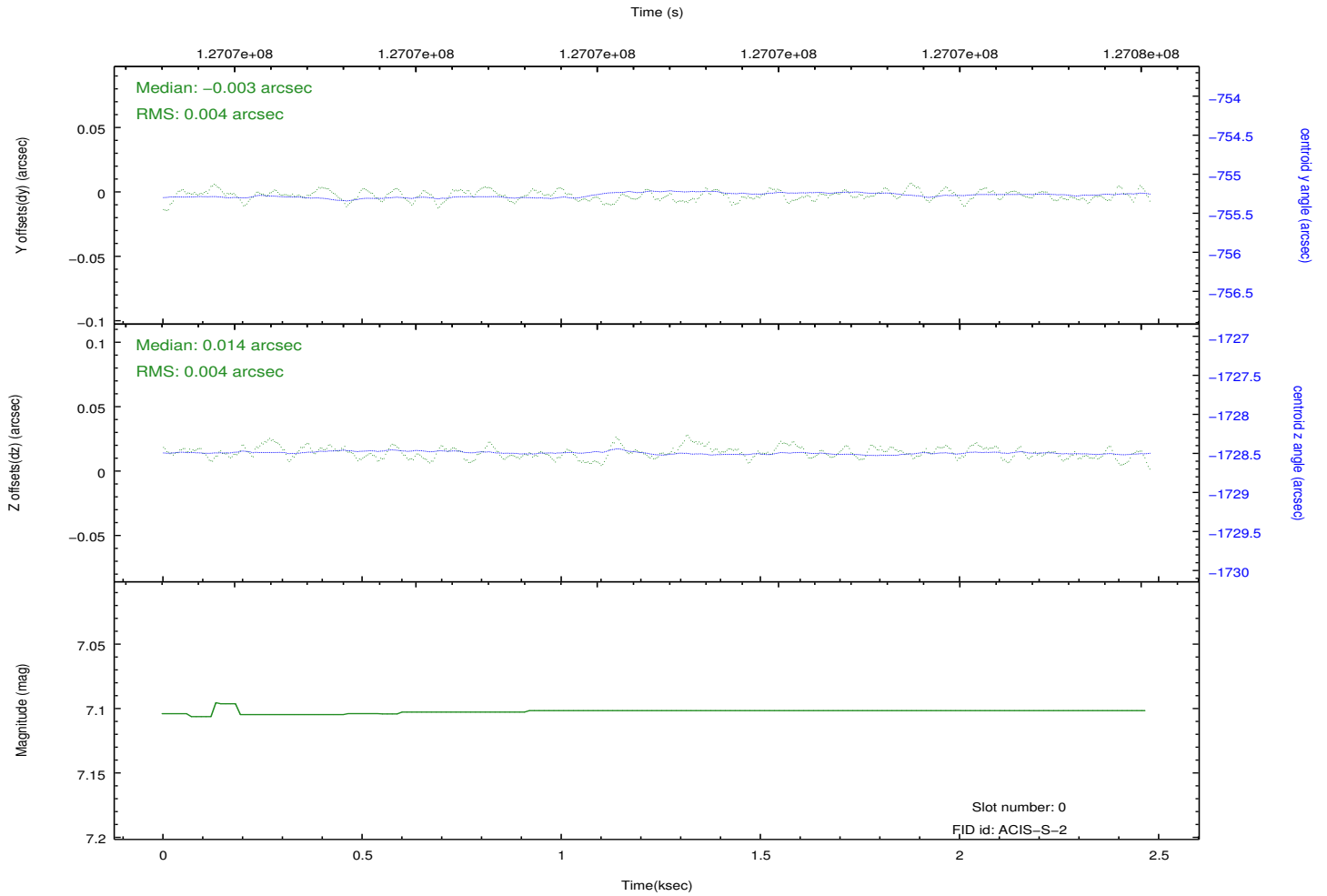
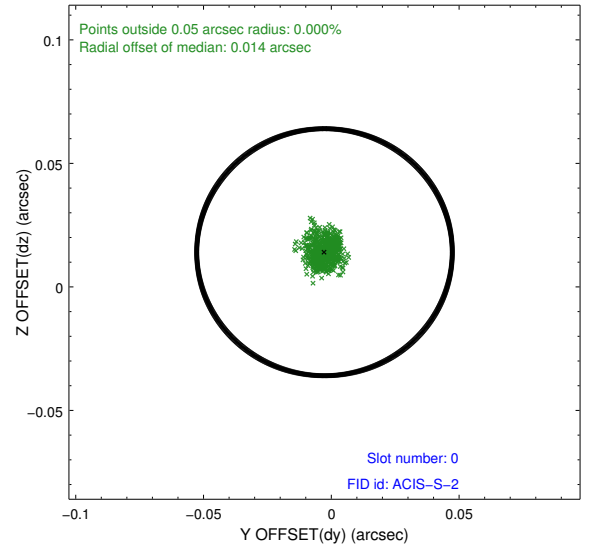
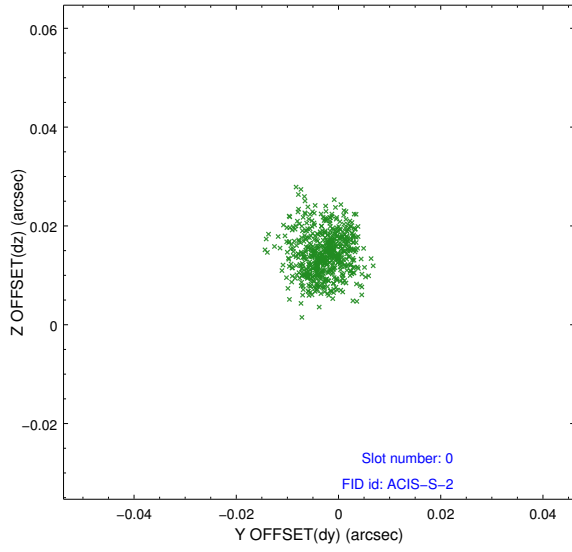


Time (s)

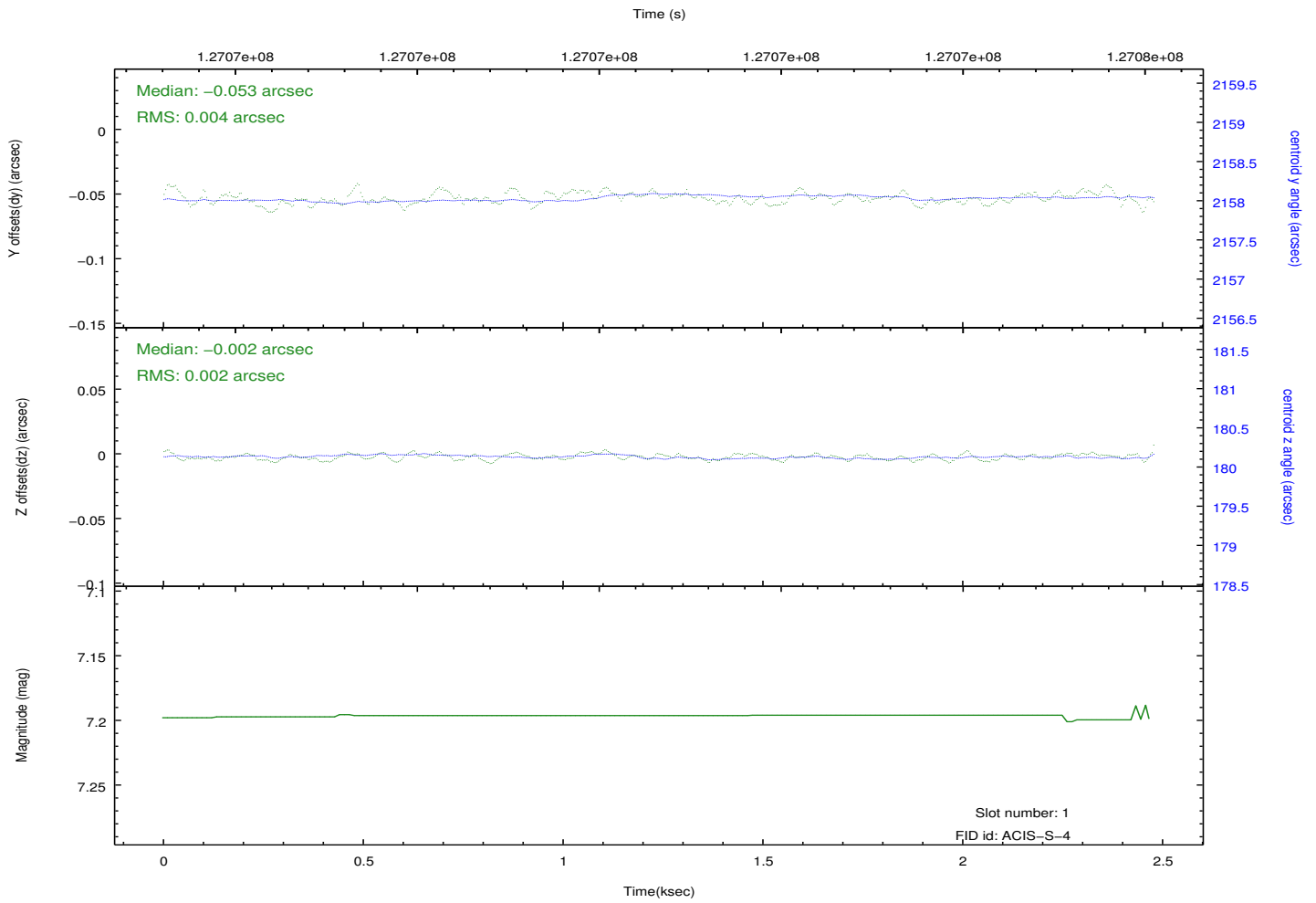
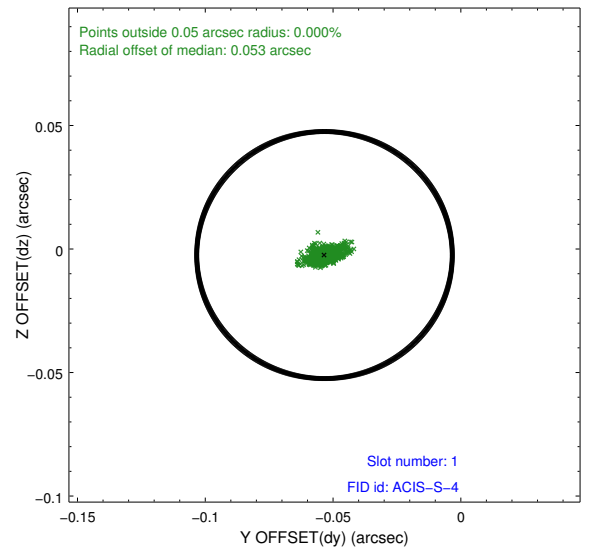
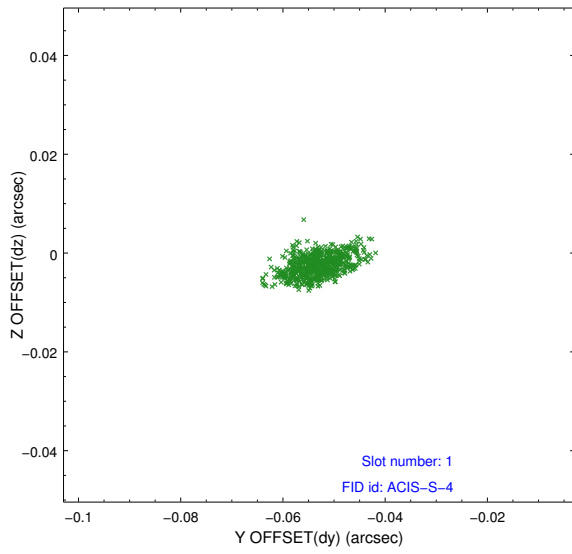


2.5 FID Slots

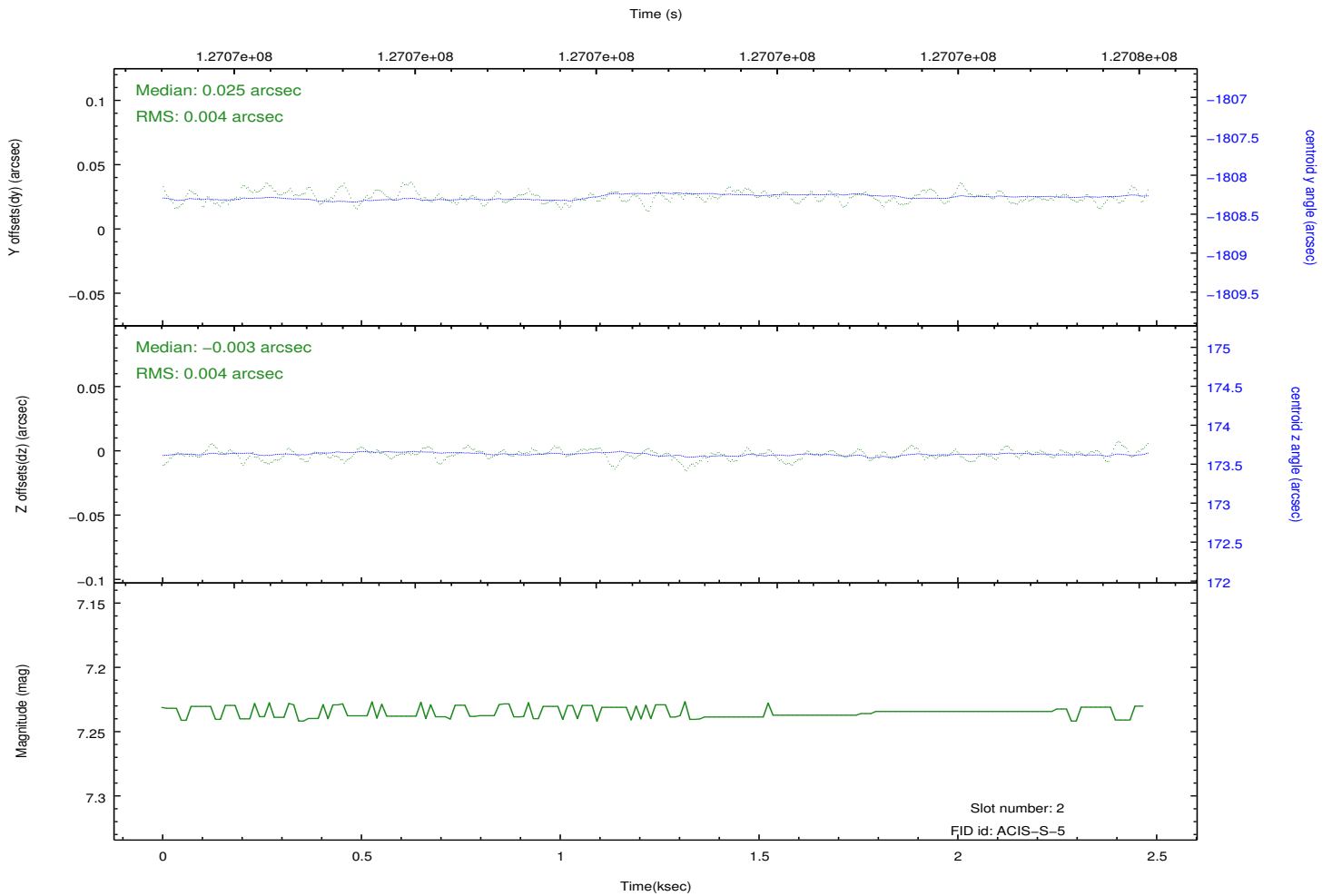
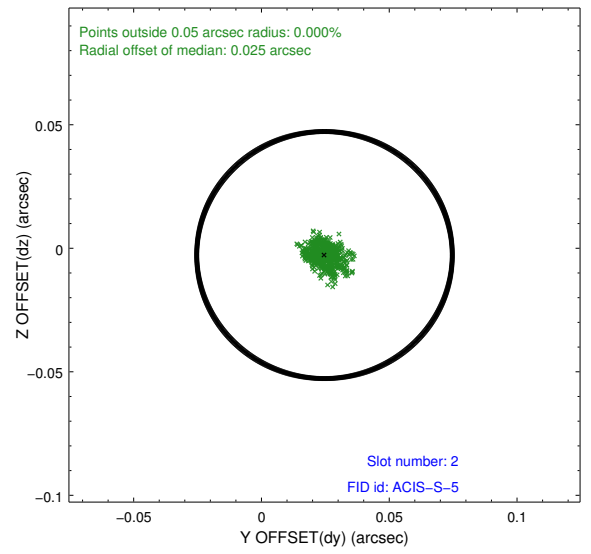
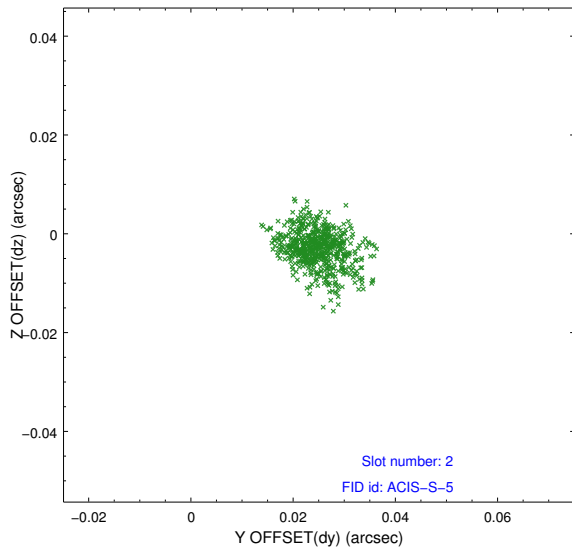
2.5.1 Slot 0



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)	2012.10.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.478

A.2 Comments