

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4137 - L2 Version 3
Chandra X-Ray Center

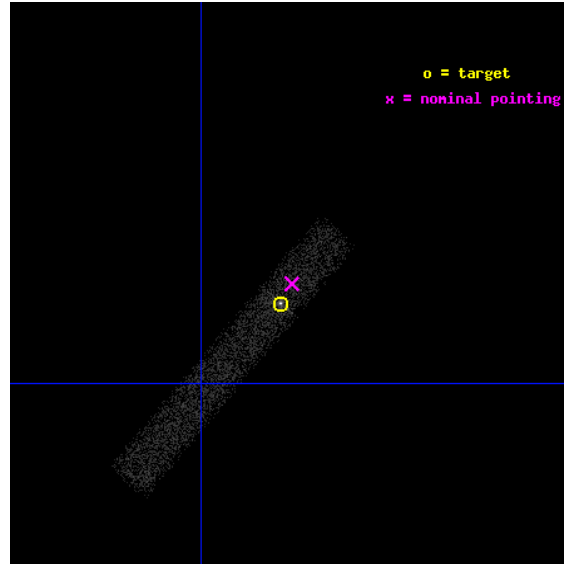
L2 Processing Date : Oct 22 2012

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1 Front

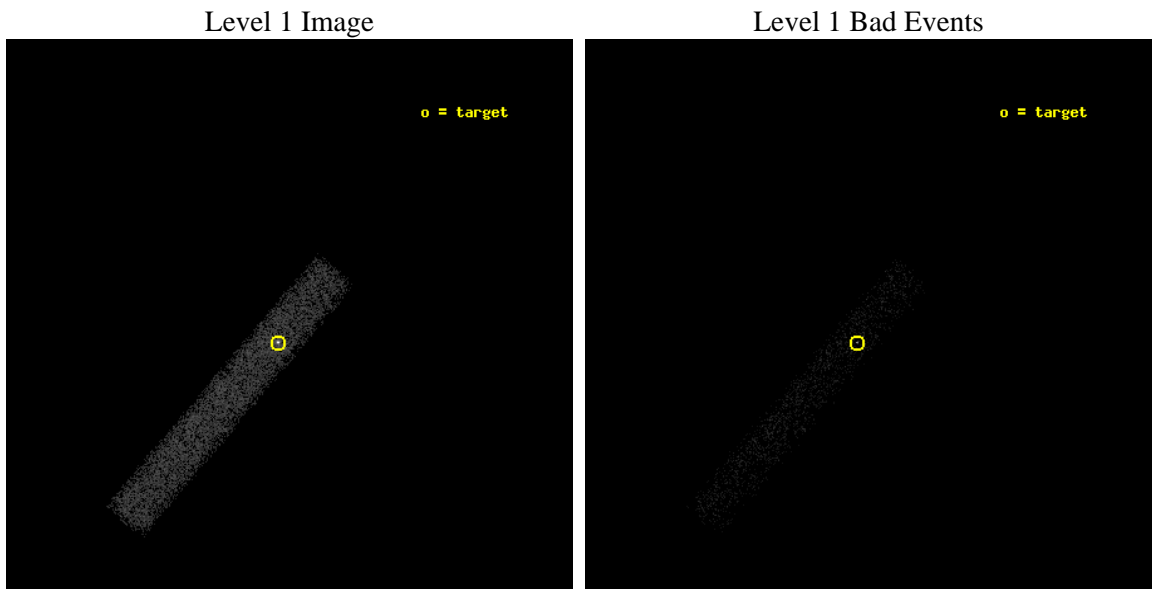
seq_num	700816	Sequence number
obs_id	4137	Observation id
title	CHANDRA OBSERVATIONS OF THE FIRST SAMPLE OF RADIO-LOUD NARROW LINE SEYFERT I GALAXIES	Proposal title
observer	Dr. Sally Laurent-Muehleisen	Principal investigator
object	FIRST J114047+462204	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	175.199583	Observer's specified target RA [deg]
dec_targ	46.368	Observer's specified target Dec [deg]
ra_nom	175.19254061237	Nominal RA [deg]
dec_nom	46.376283000853	Nominal Dec [deg]
roll_nom	130.25531094958	Nominal Roll [deg]
revision	3	Processing version of data
ontime	12303.200183302	Sum of GTIs [s]
livetime	11158.353150102	Livetime [s]
ontime7	12303.200183302	Sum of GTIs [s]
l2events	11187	Number of level 2 events



2 OBI

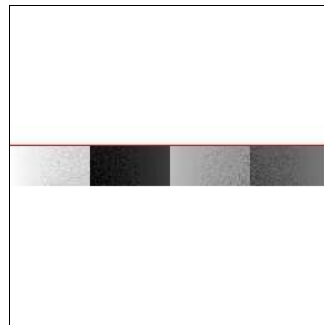
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	12120.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	12303.200183302	Sum of GTIs [s]
caldbver	4.5.2	 	ontime7	12303.200183302	Sum of GTIs [s]
date	2012-10-22T07:48:18	Date and time of file creation	l1events	20214	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

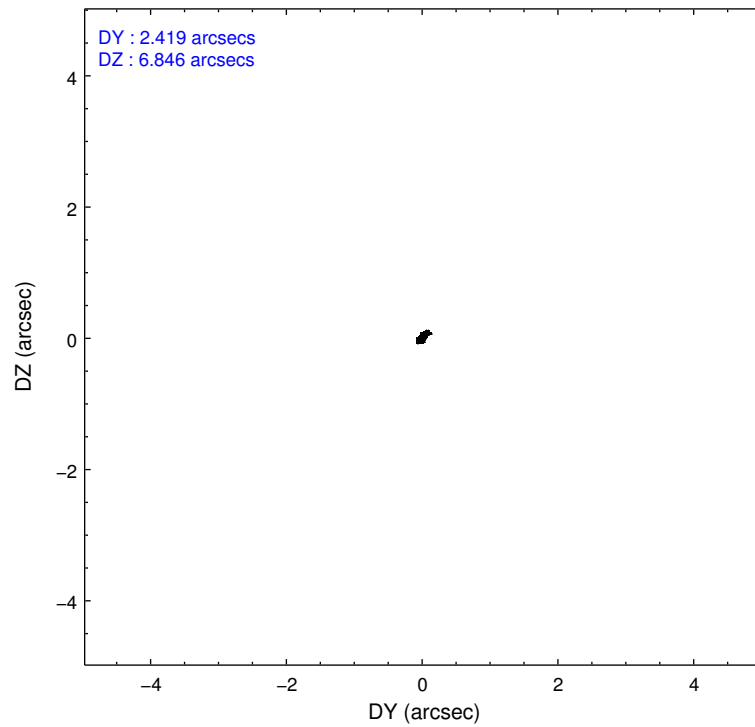
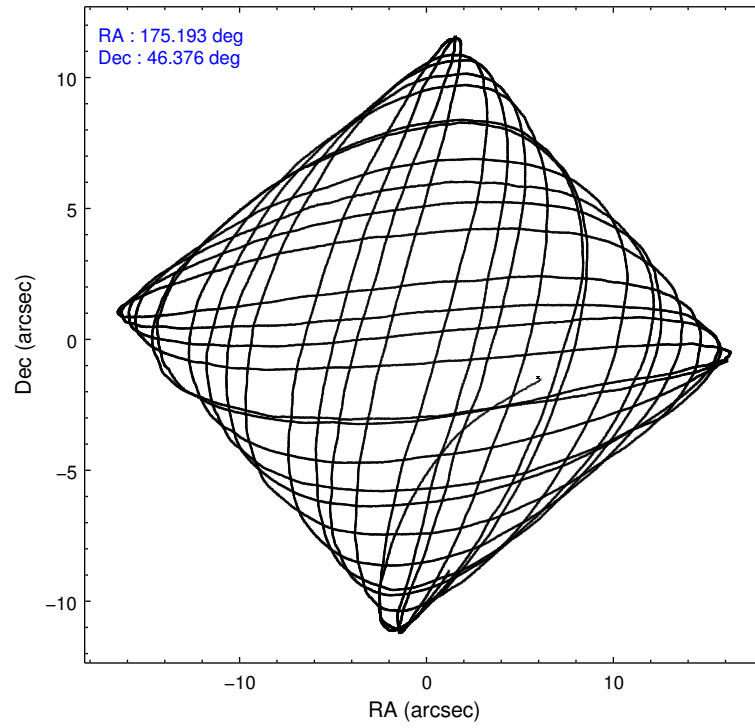
	ccd 7
level 1 events	20214
rejected events	8763
rejected %	43%

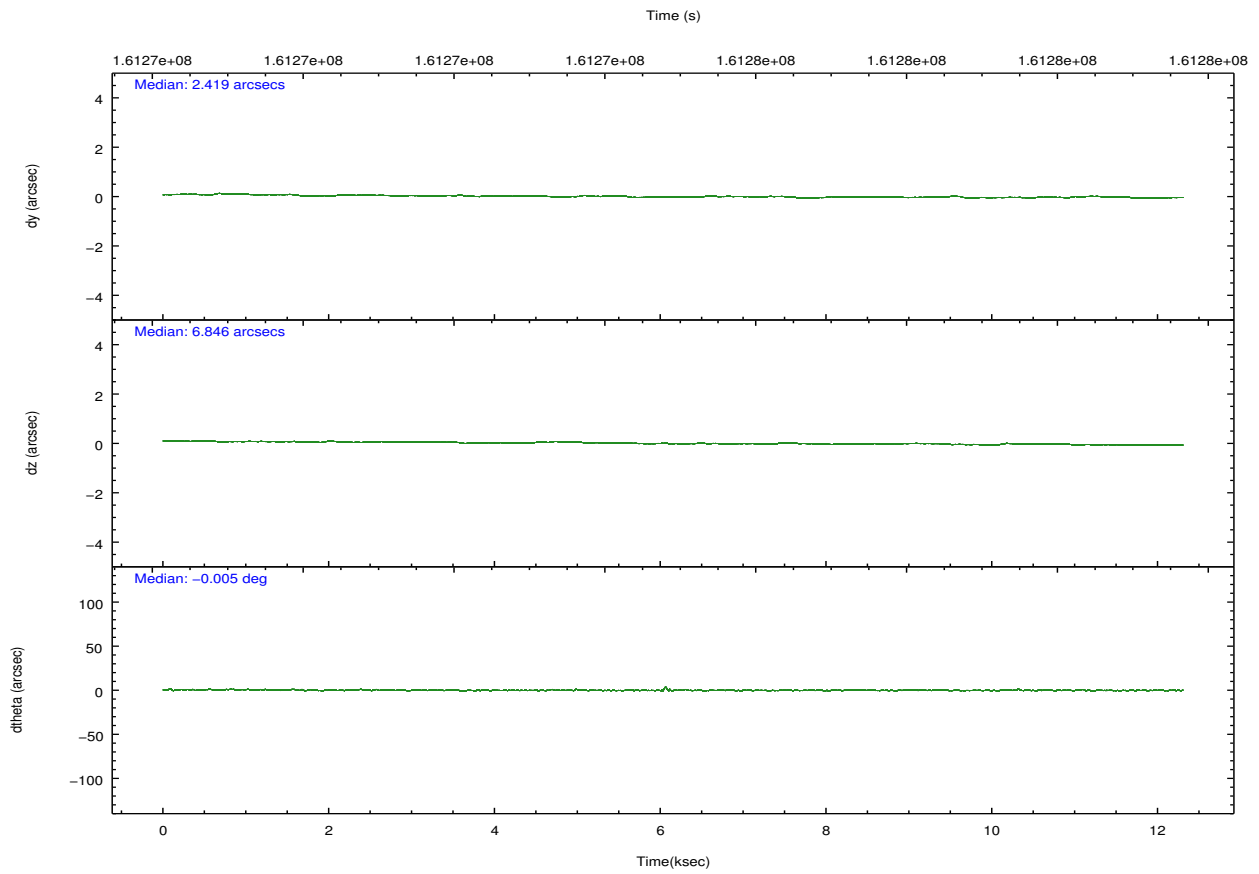
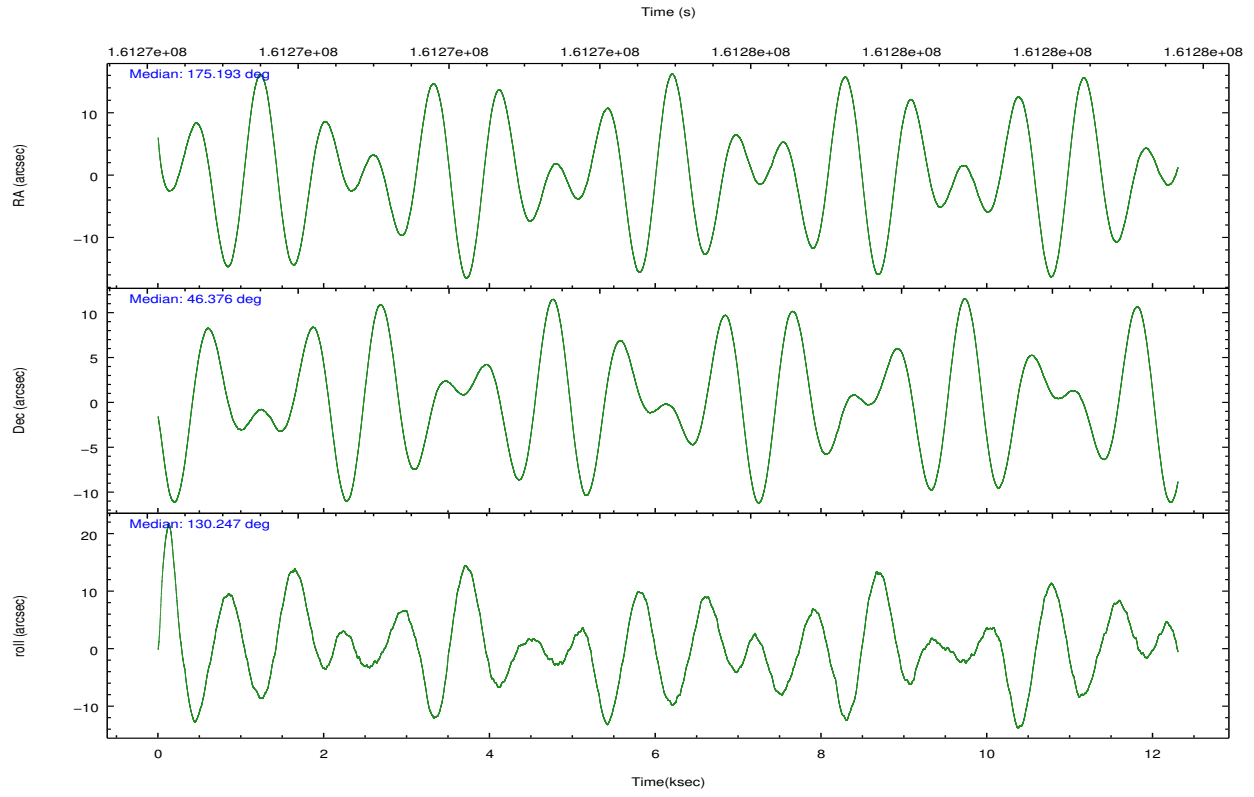
	ccd 7
grade 0 events	2636
	13%
grade 1 events	44
	0%
grade 2 events	2477
	12%
grade 3 events	1470
	7%
grade 4 events	1463
	7%
grade 5 events	1478
	7%
grade 6 events	3892
	19%
grade 7 events	6754
	33%

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	175.229860	175.1925406123663	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	46.367499	46.37628300085282	Subarray start row	449	449
[deg] Pointing Roll	130.071678	130.2553109495823	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)	161268939.184000	161267912.01396			
Observation start date	2003-02-10T12:54:35	2003-02-10T12:38:32			
[s] Observation end time (MET)	161281059.184000	161281527.60203			
Observation end date	2003-02-10T16:16:35	2003-02-10T16:25:27			
Read mode	TIMED	TIMED			

2.3 Aspect





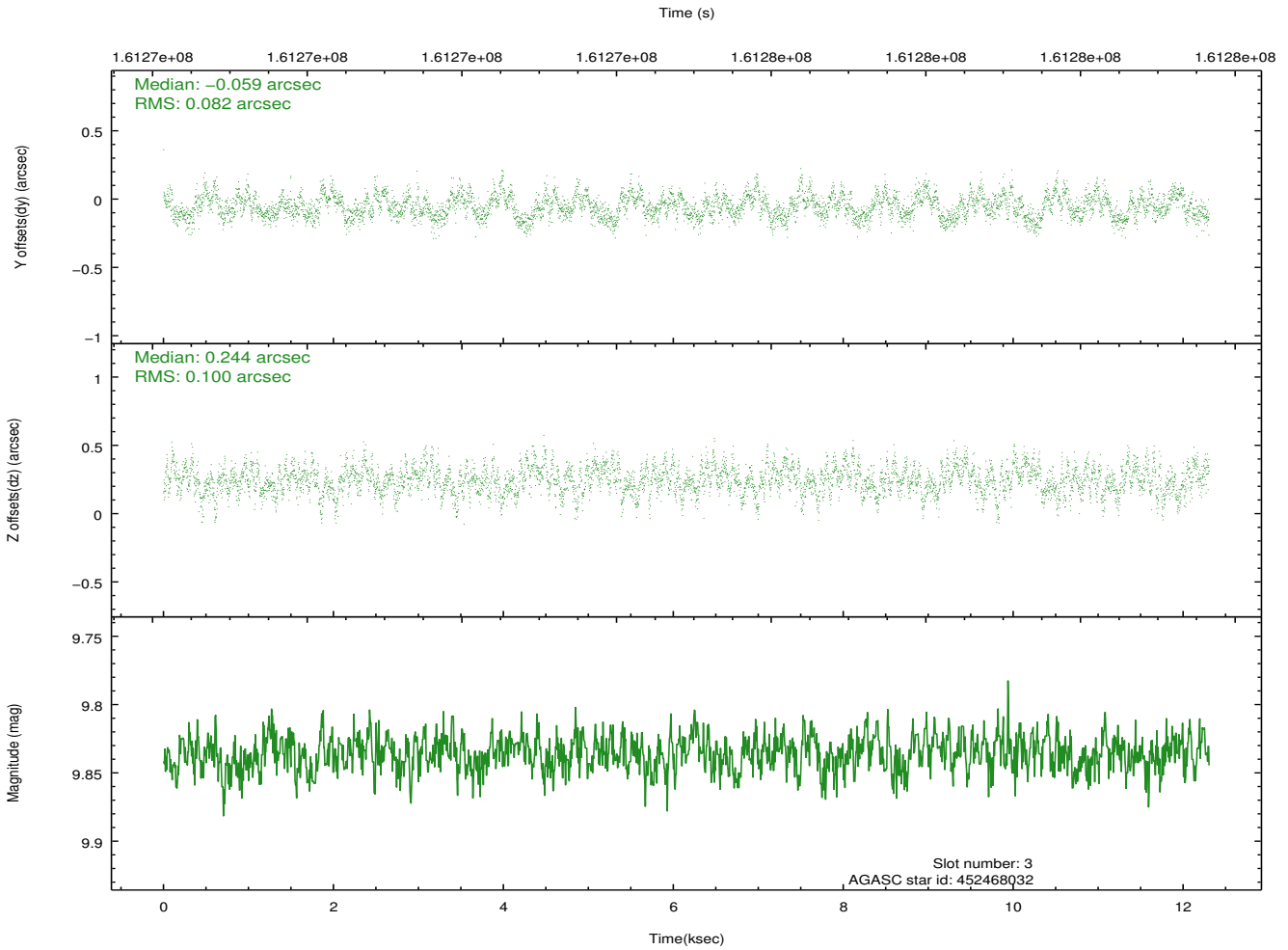
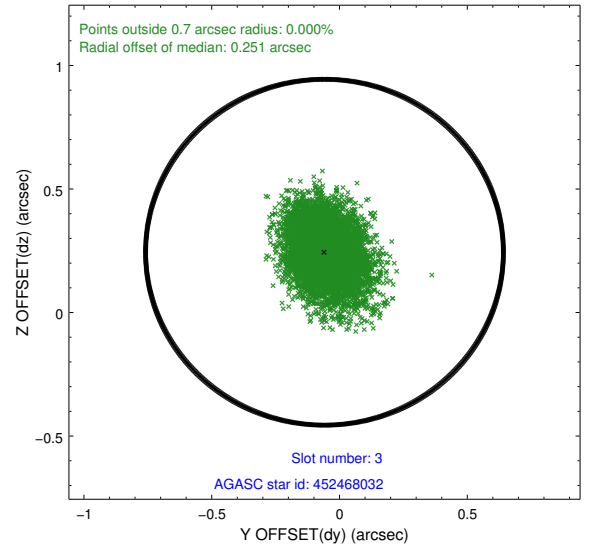
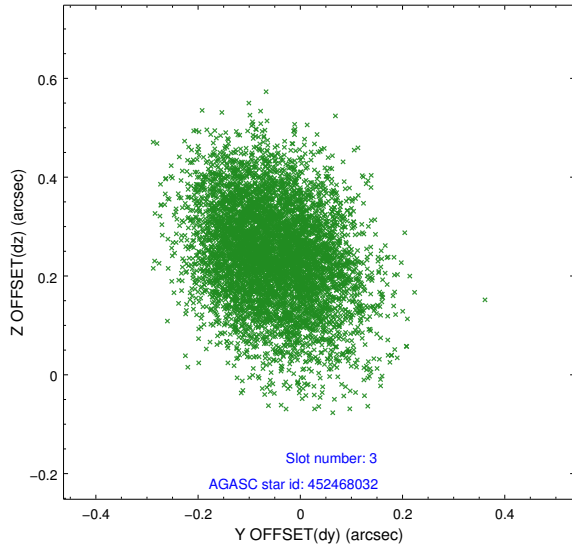
Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	3001	-0.038	-0.002	0.007	0.011	0.000000	0.000000	-755.07	-1728.03
1	FID	ACIS-S-4	7.21	3001	-0.002	0.019	0.006	0.010	0.000000	0.000000	2158.04	180.09
2	FID	ACIS-S-5	7.24	3001	0.009	-0.008	0.007	0.012	0.000000	0.000000	-1807.37	174.15
3	GUIDE	452468032	9.84	5993	-0.059	0.244	0.137	0.228	176.120312	46.601291	-763.66	-2234.86
4	GUIDE	452474296	9.44	5994	0.007	-0.065	0.113	0.174	175.196051	46.137456	-579.20	597.58
5	GUIDE	452474760	8.94	6003	0.030	0.066	0.075	0.120	175.631749	46.506608	-255.41	-1085.69
6	GUIDE	452476032	9.85	5997	-0.042	-0.025	0.111	0.177	174.570645	46.673773	1897.45	532.31
7	GUIDE	452477176	9.42	5993	0.060	-0.213	0.126	0.208	175.031364	45.558768	-1905.05	2256.78

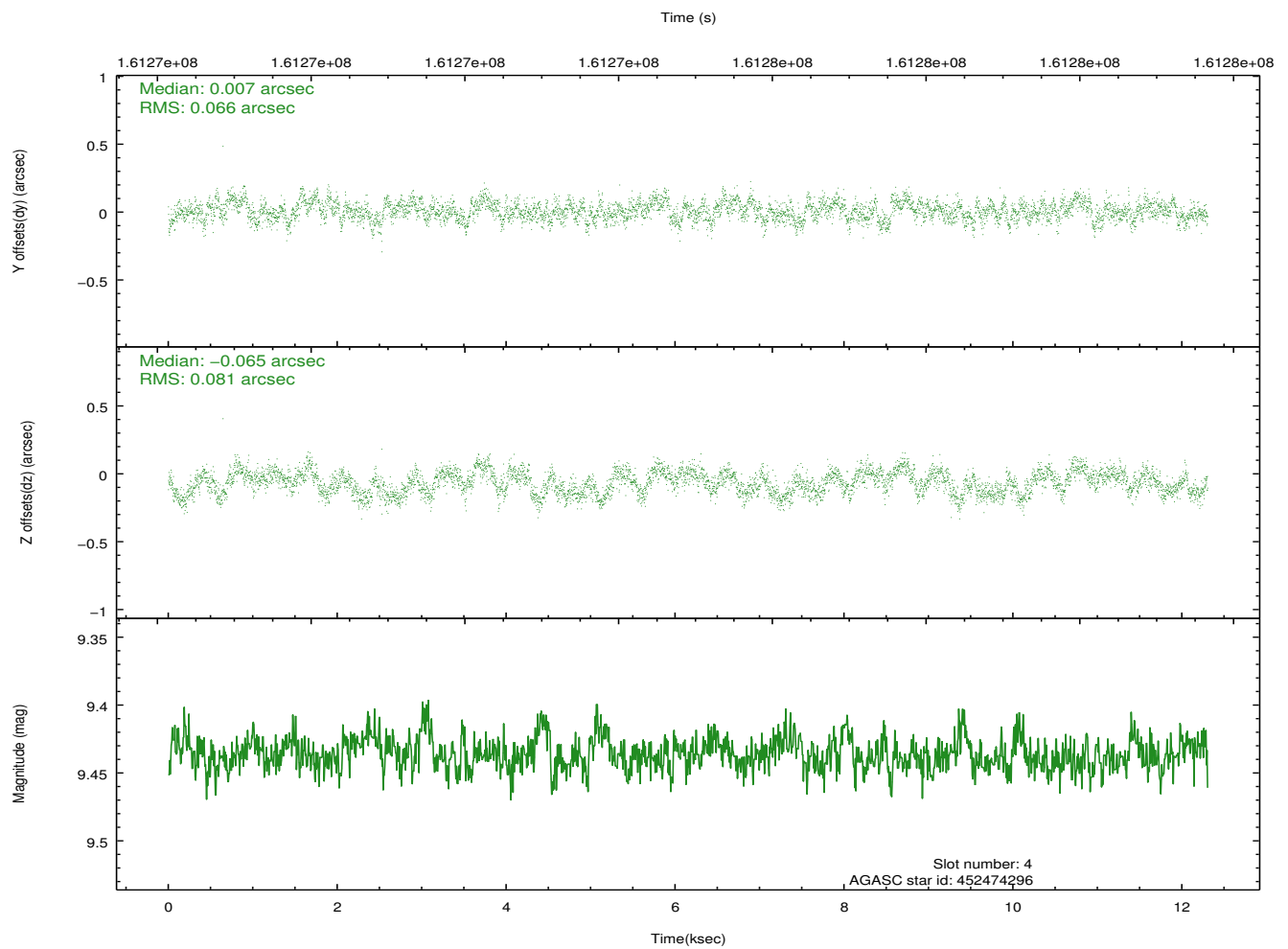
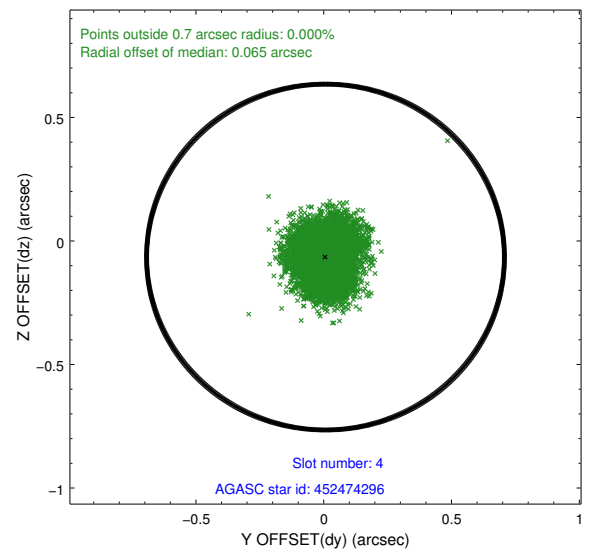
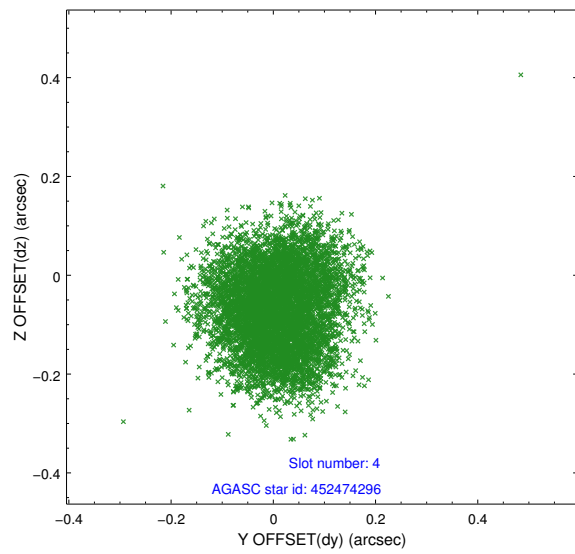
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2.4 Star Slots

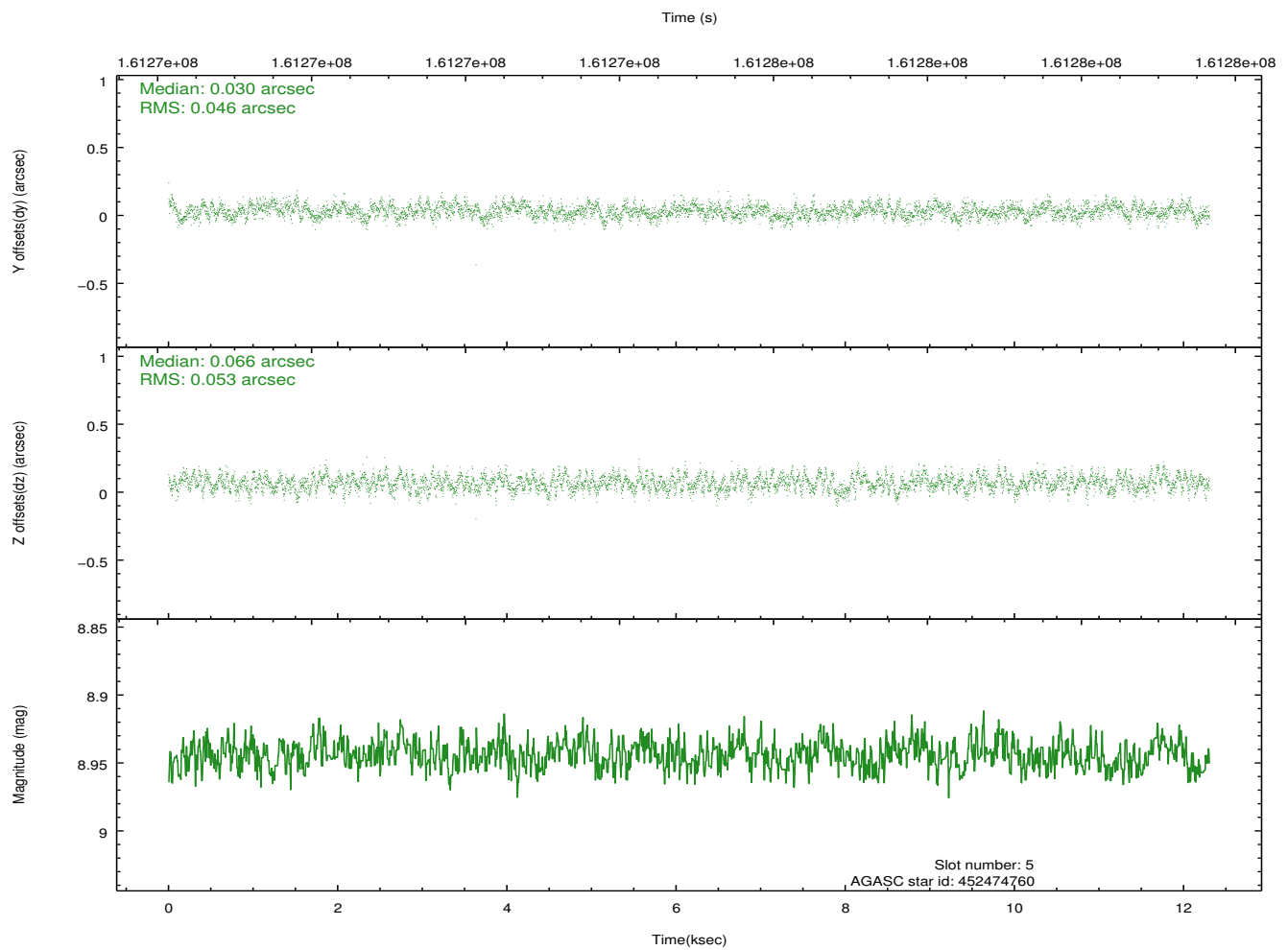
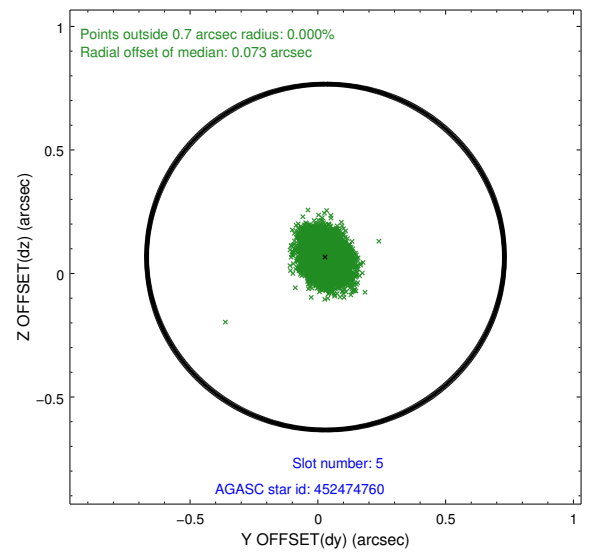
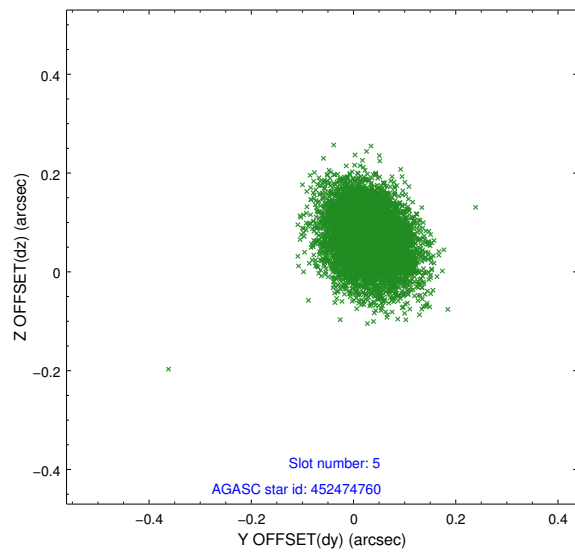
2.4.1 Slot 3



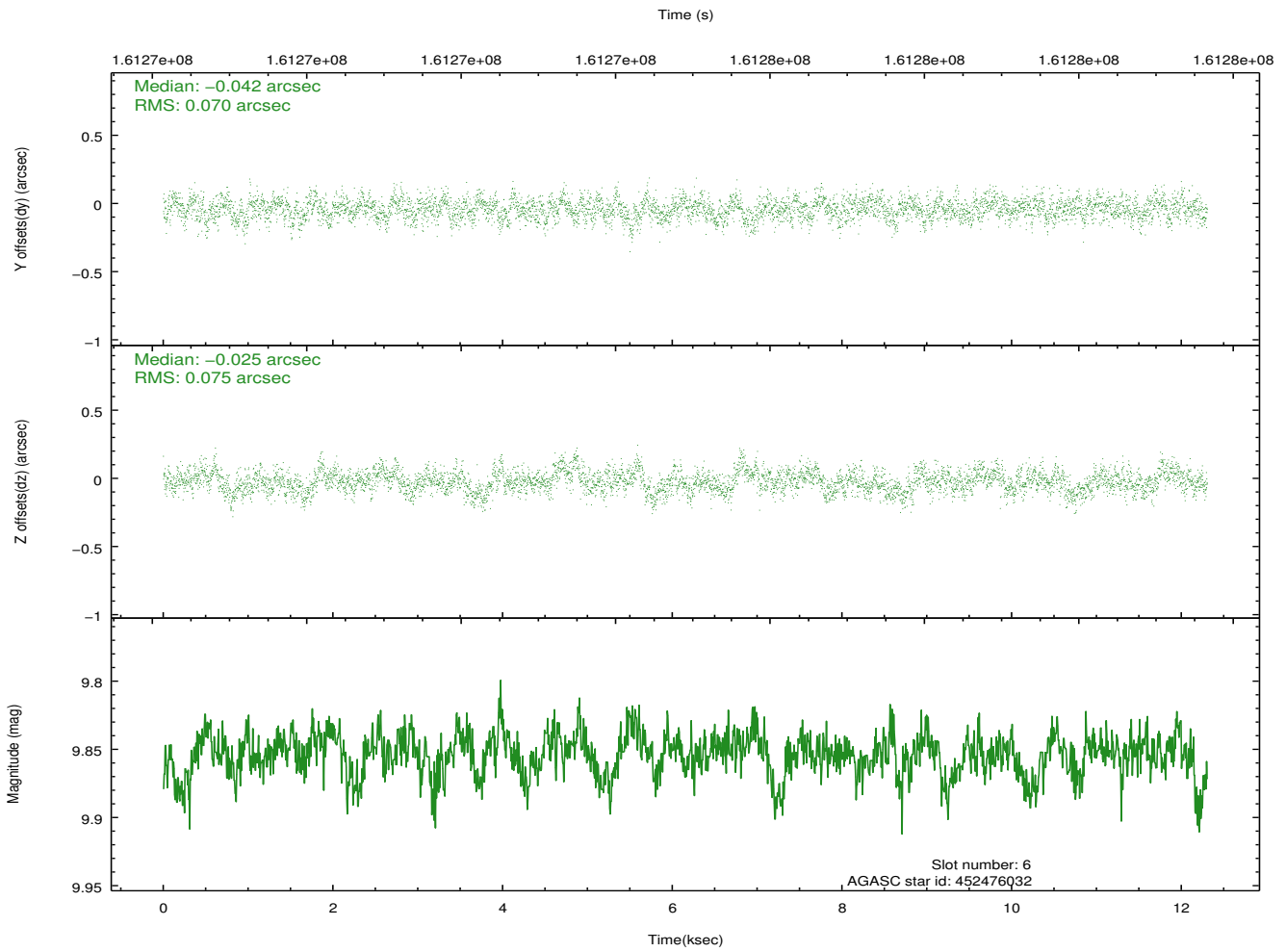
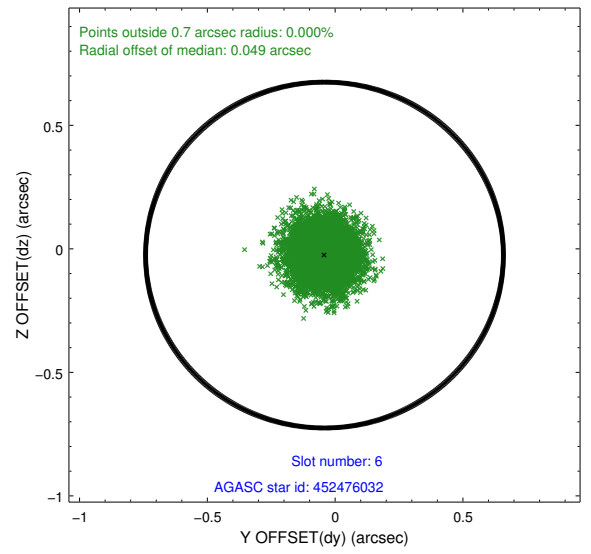
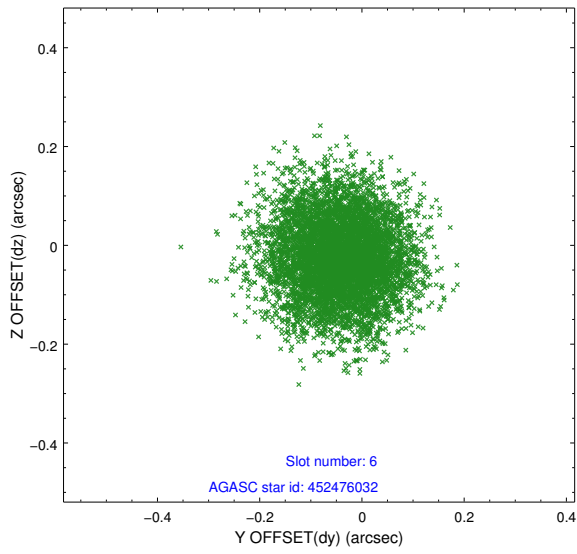
2.4.2 Slot 4



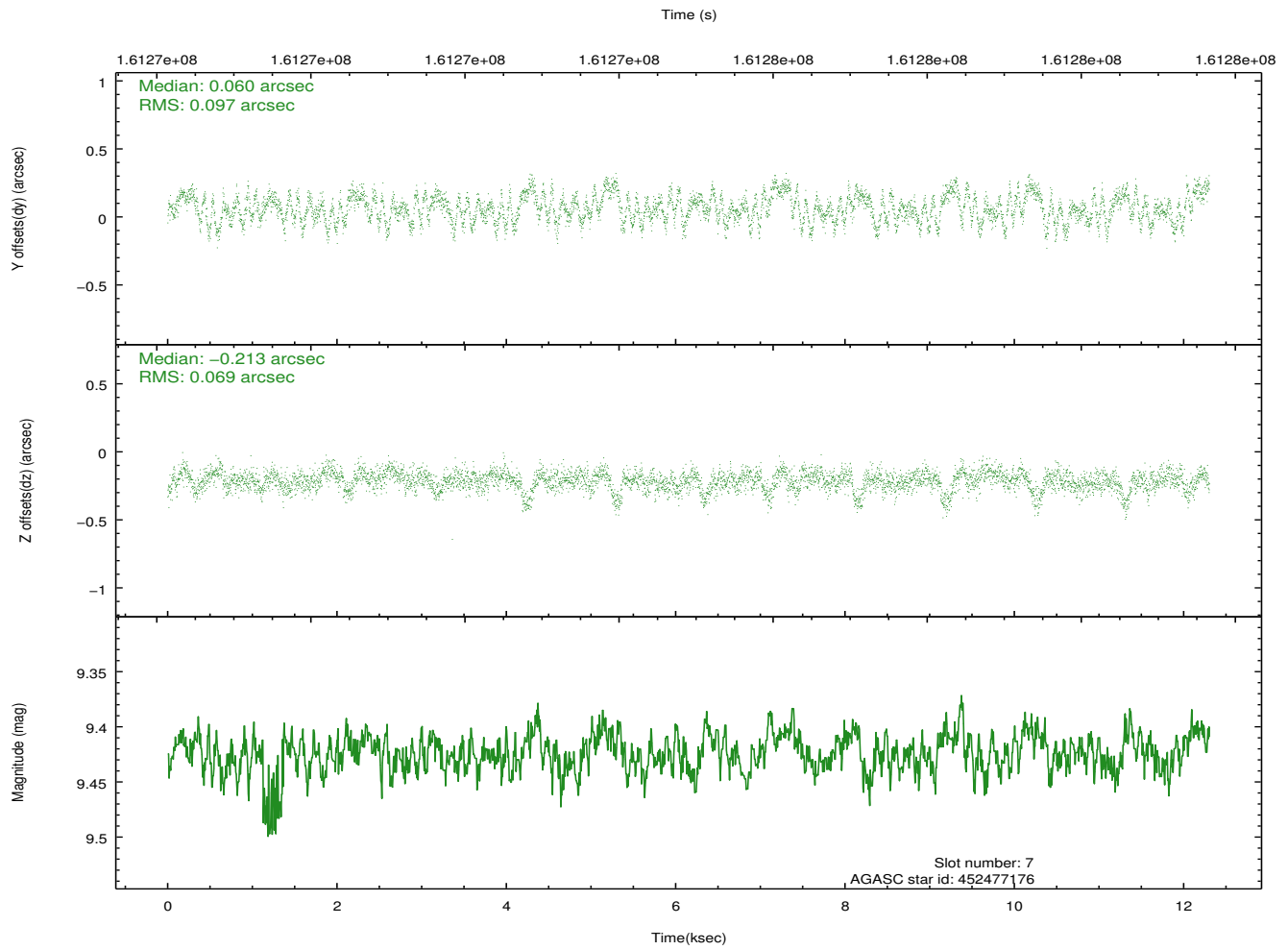
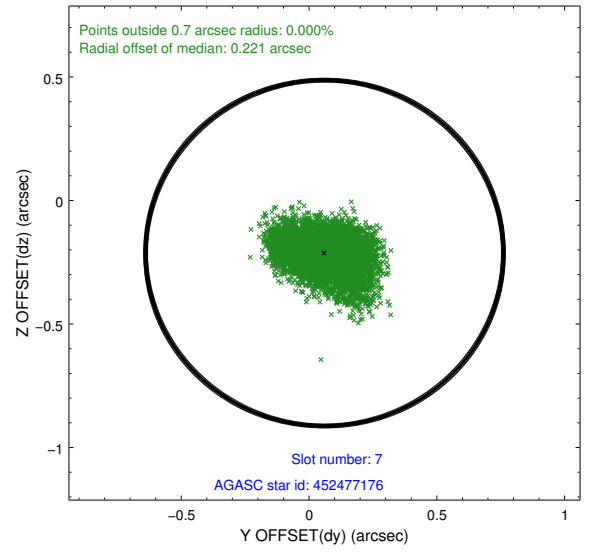
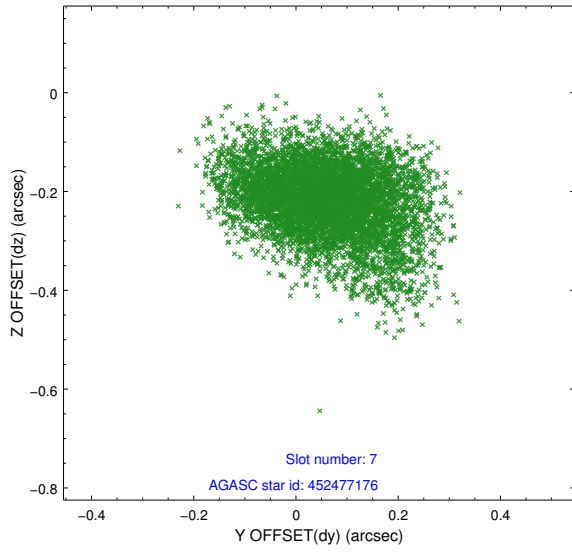
2.4.3 Slot 5



2.4.4 Slot 6

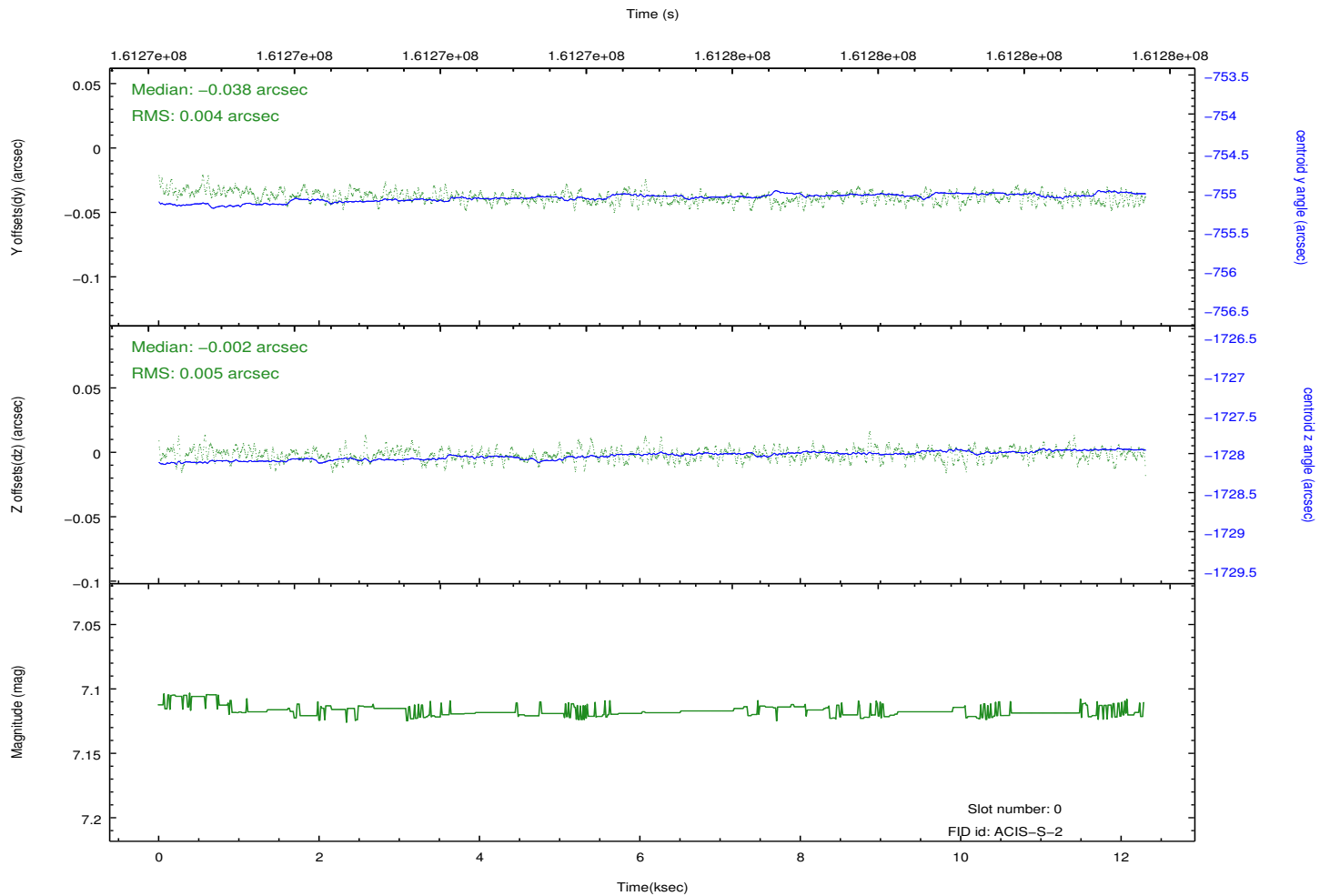
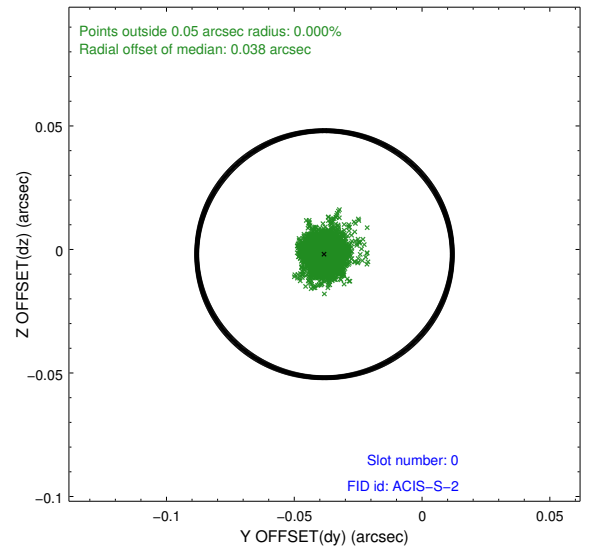
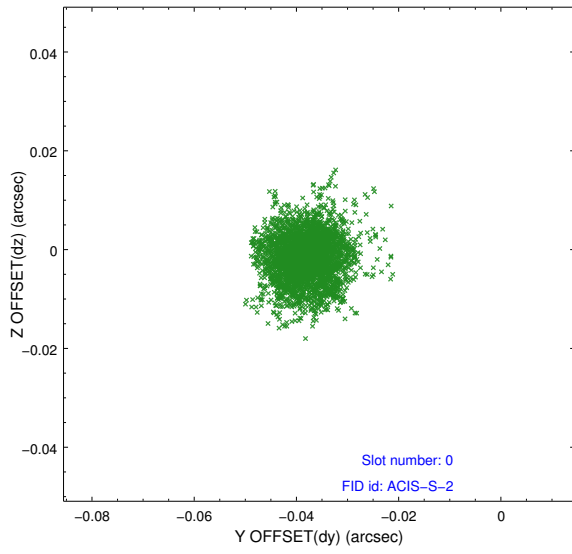


2.4.5 Slot 7

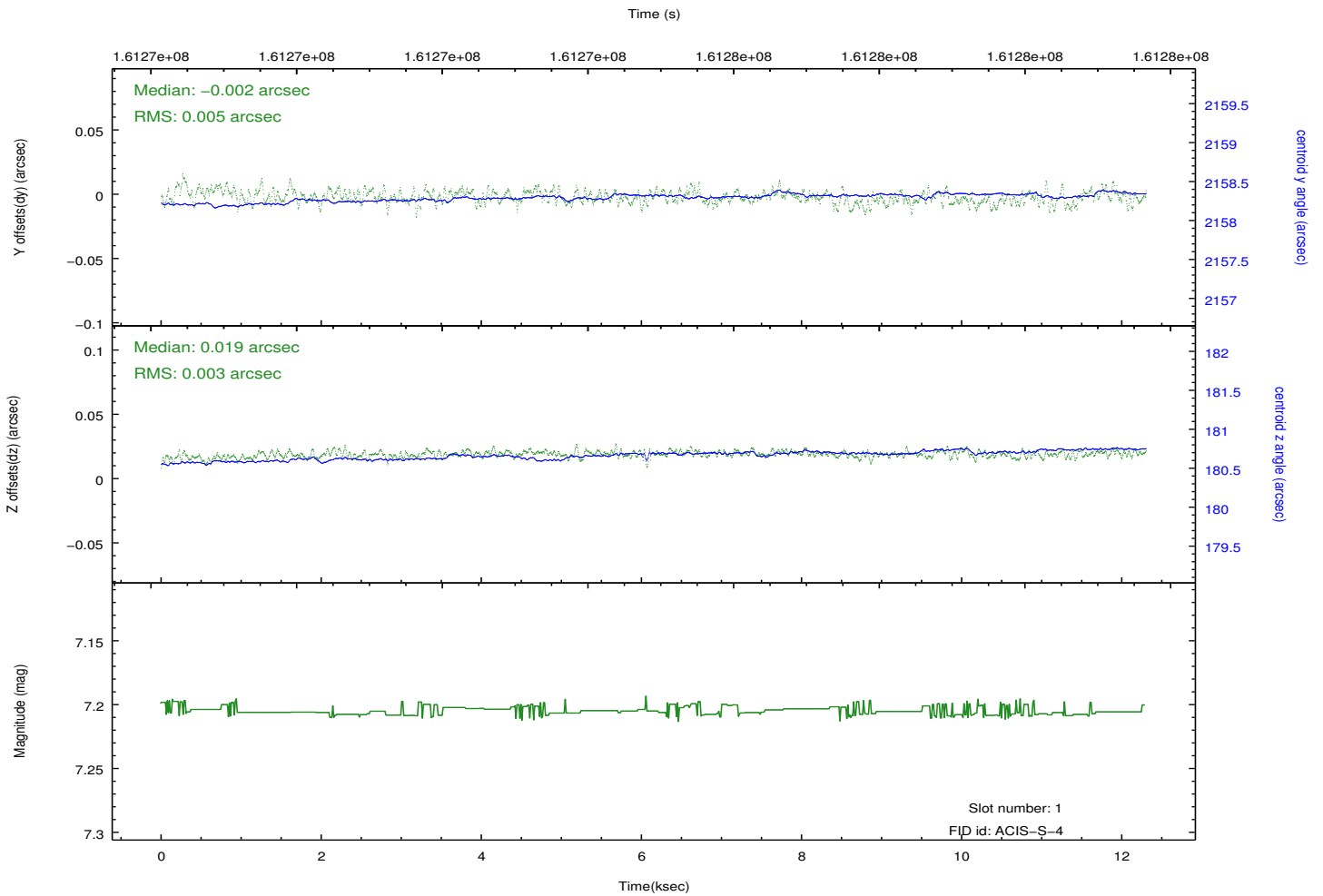
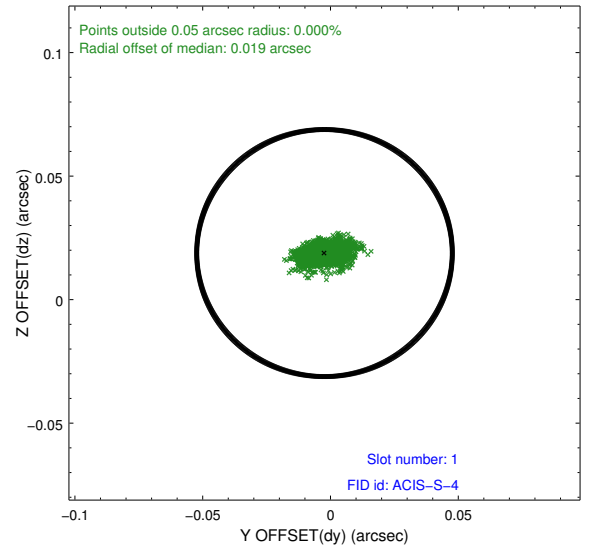
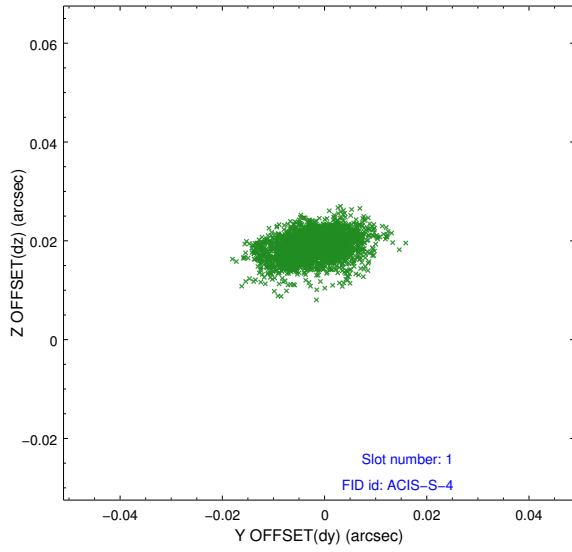


2.5 FID Slots

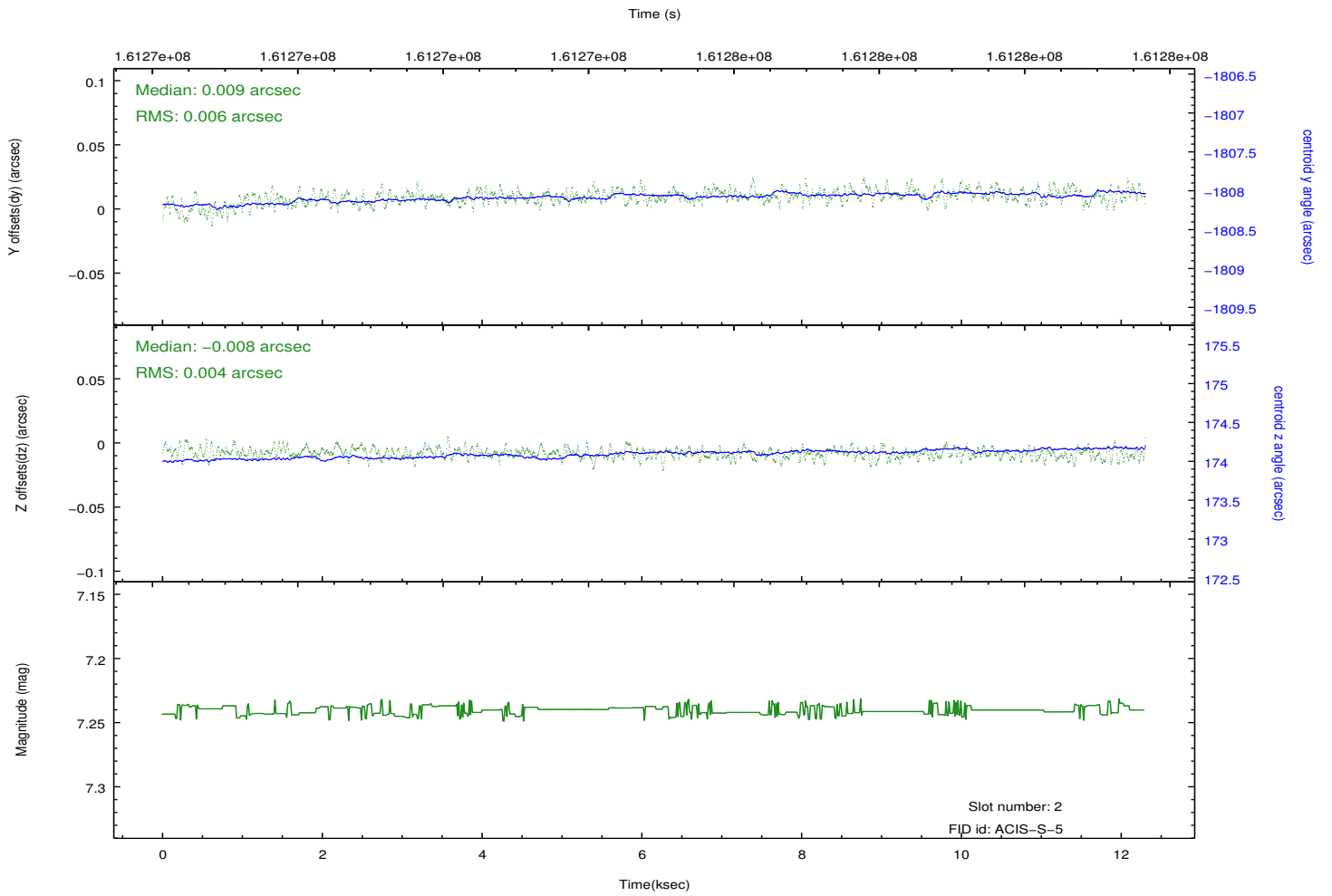
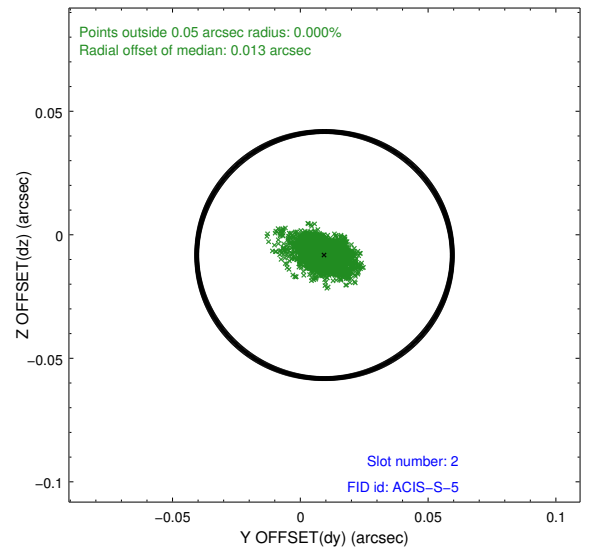
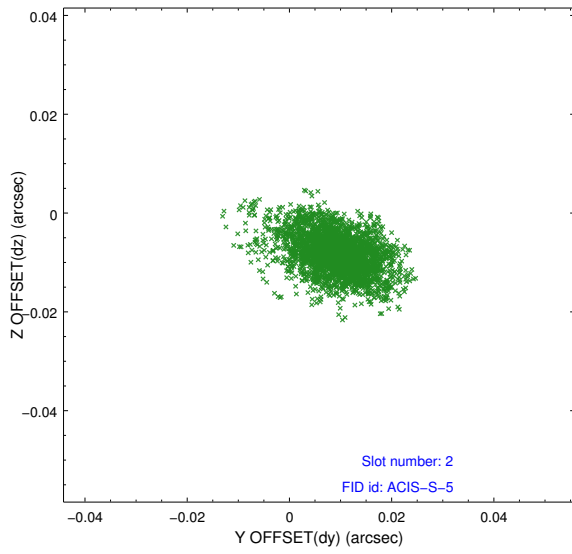
2.5.1 Slot 0



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)	2012.11.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.303

A.2 Comments