

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3880 - L2 Version 4
Chandra X-Ray Center

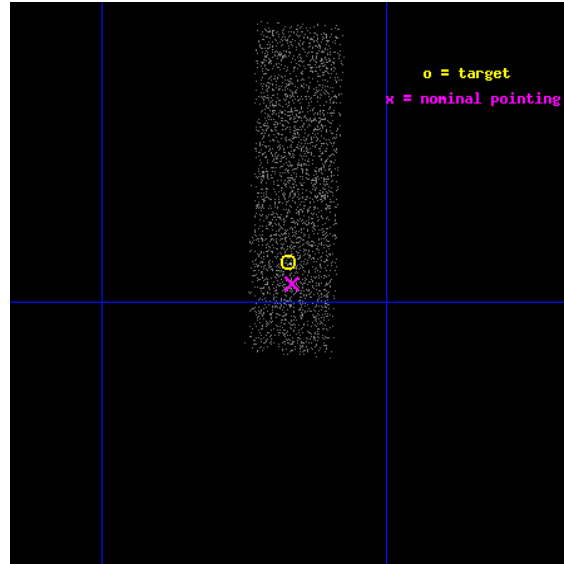
L2 Processing Date : Oct 24 2012

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1 Front

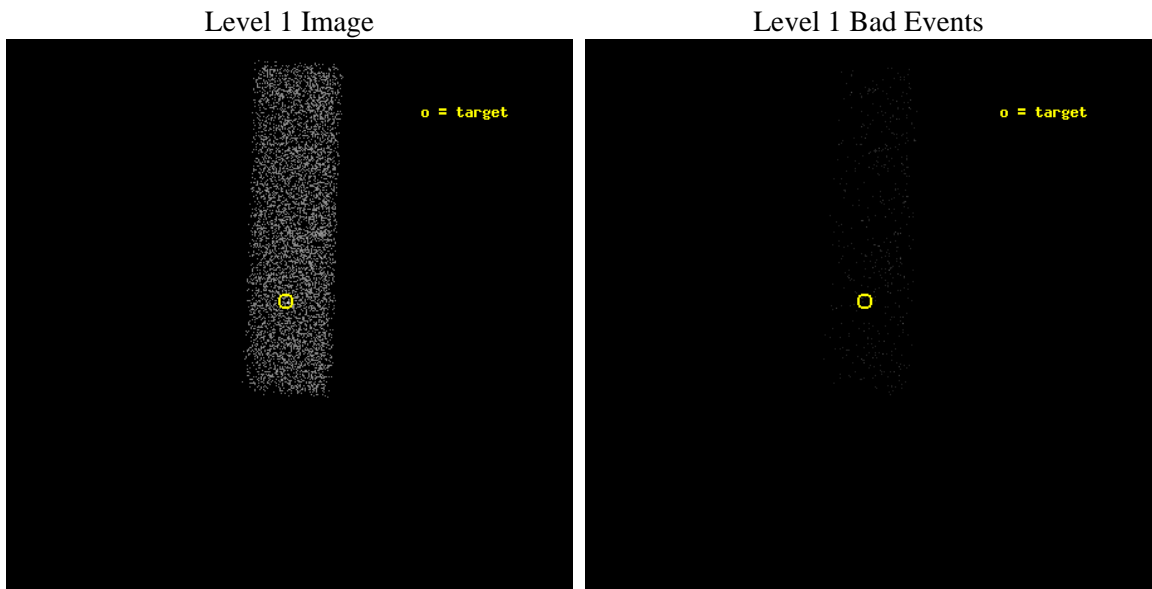
seq_num	500359	Sequence number
obs_id	3880	Observation id
title	COMPLETING THE CENSUS OF COMPACT OBJECTS IN SUPERNOVA REMNANTS	Pro
observer	Prof. David Kaplan	Principal investigator
object	RX J062740.3+073103	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	96.917917	Observer's specified target RA [deg]
dec_targ	7.5175	Observer's specified target Dec [deg]
ra_nom	96.916543340079	Nominal RA [deg]
dec_nom	7.5080888181489	Nominal Dec [deg]
roll_nom	272.02490466709	Nominal Roll [deg]
revision	4	Processing version of data
ontime	3378.4000503421	Sum of GTIs [s]
livetime	3213.5451824808	Livetime [s]
ontime7	3378.4000503421	Sum of GTIs [s]
l2events	3146	Number of level 2 events



2 OBI

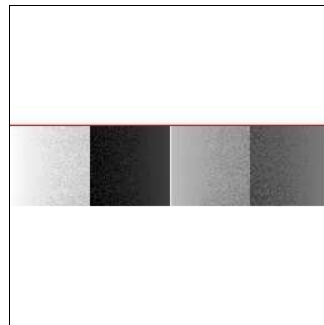
2.1 OBI

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	3378.4000503421	Sum of GTIs [s]
caldbver	4.5.2	 	ontime7	3378.4000503421	Sum of GTIs [s]
date	2012-10-24T12:47:21	Date and time of file creation	l1events	8135	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

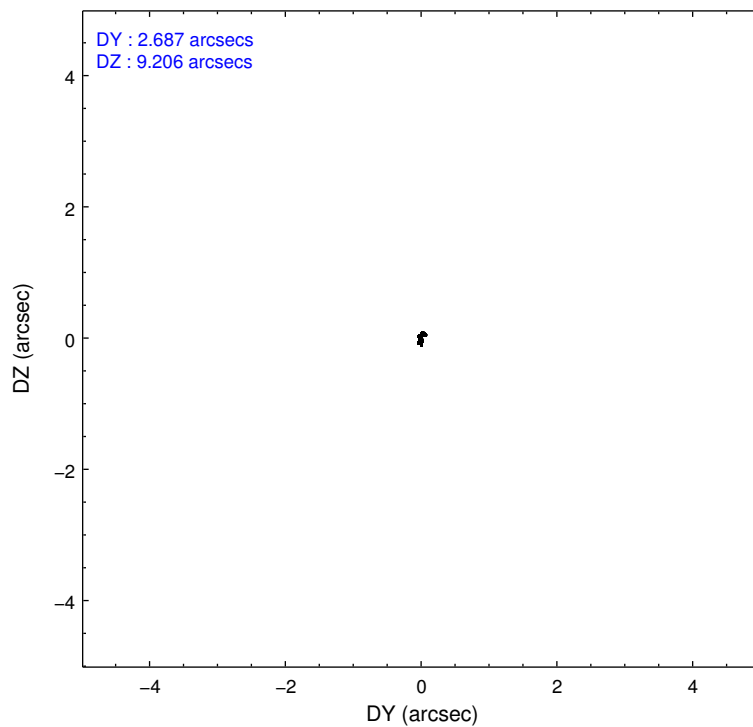
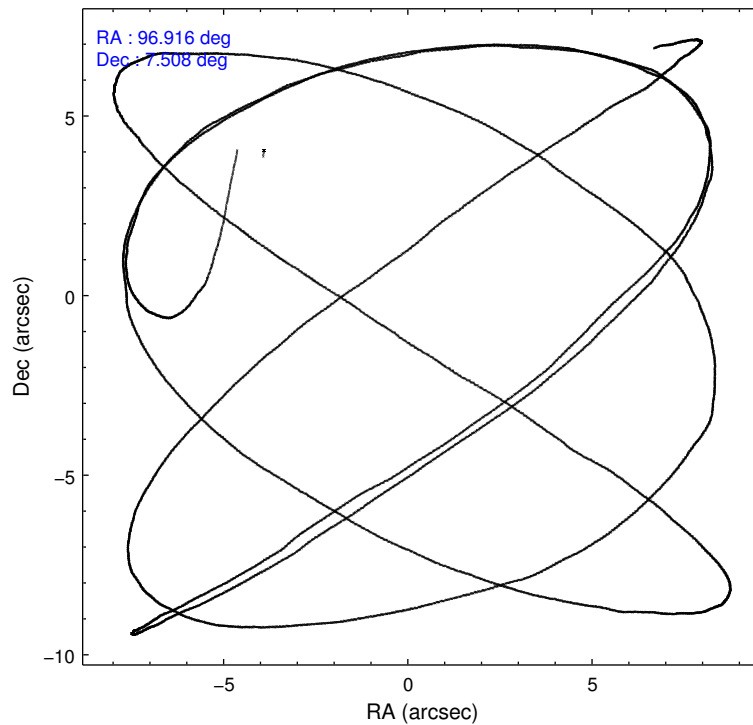
	ccd 7
level 1 events	8135
rejected events	4887
rejected %	60%

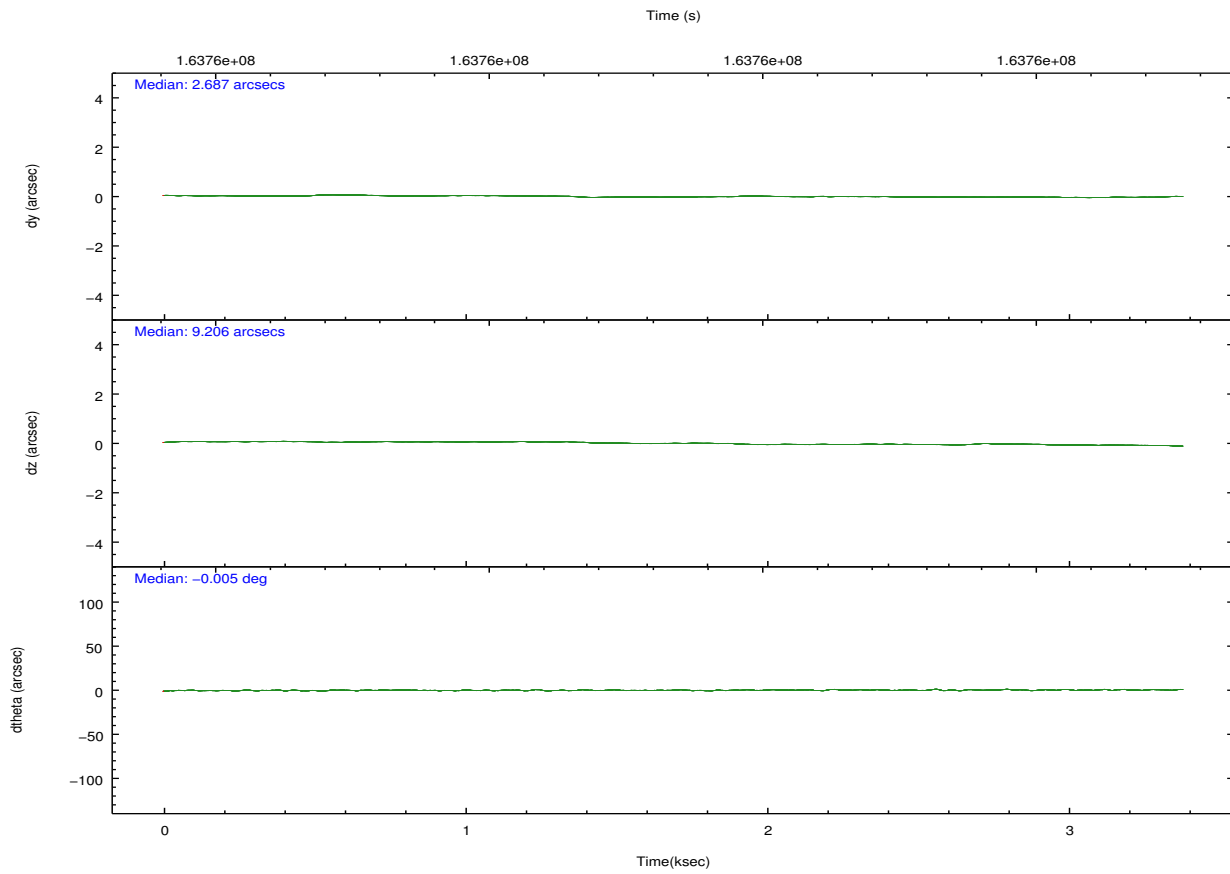
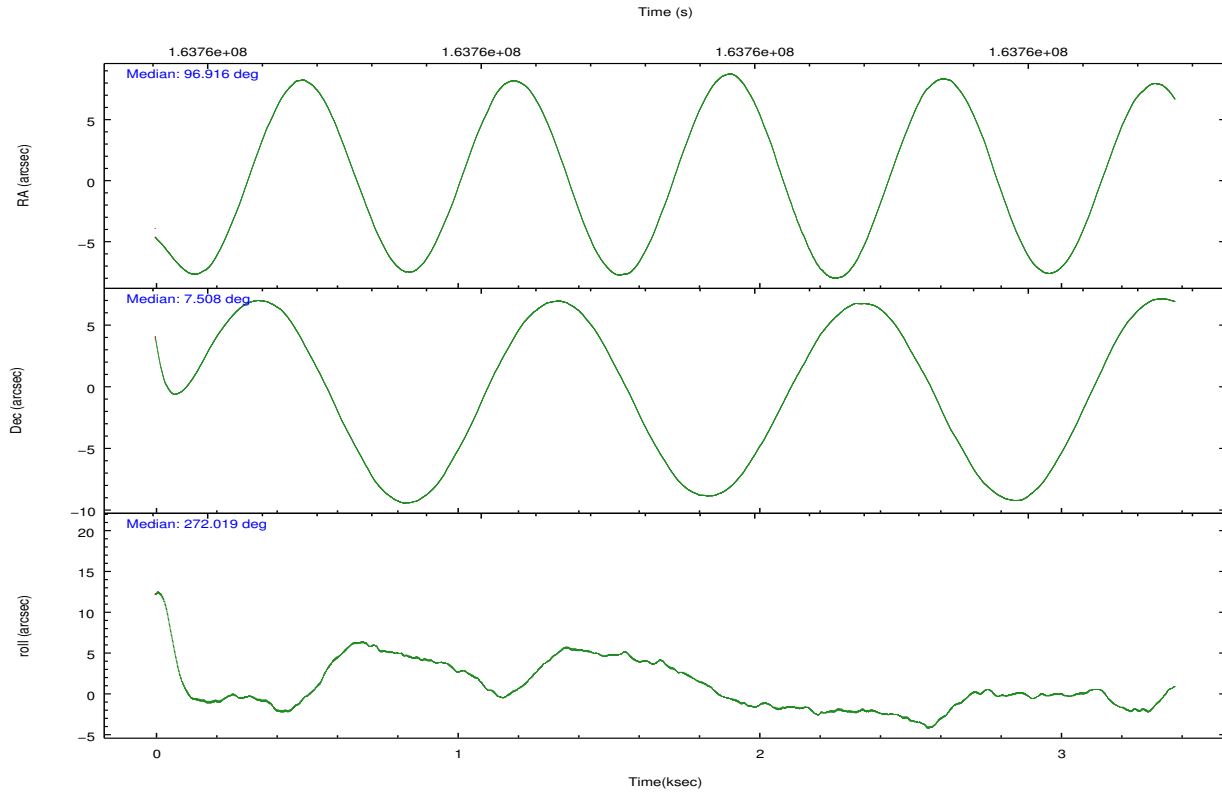
	ccd 7
grade 0 events	427
	5%
grade 1 events	11
	0%
grade 2 events	727
	8%
grade 3 events	412
	5%
grade 4 events	410
	5%
grade 5 events	820
	10%
grade 6 events	1709
	21%
grade 7 events	3619
	44%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	96.901666	96.9165433400789	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	7.530813	7.508088818148943	Subarray start row	384	385
[deg] Pointing Roll	271.870187	272.0249046670933	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	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	163756360.184000	163755300.63103			
Observation start date	2003-03-11T07:51:36	2003-03-11T07:35:00			
[s] Observation end time (MET)	163759360.184000	163759580.00621			
Observation end date	2003-03-11T08:41:36	2003-03-11T08:46:20			
Read mode	TIMED	TIMED			

2.3 Aspect



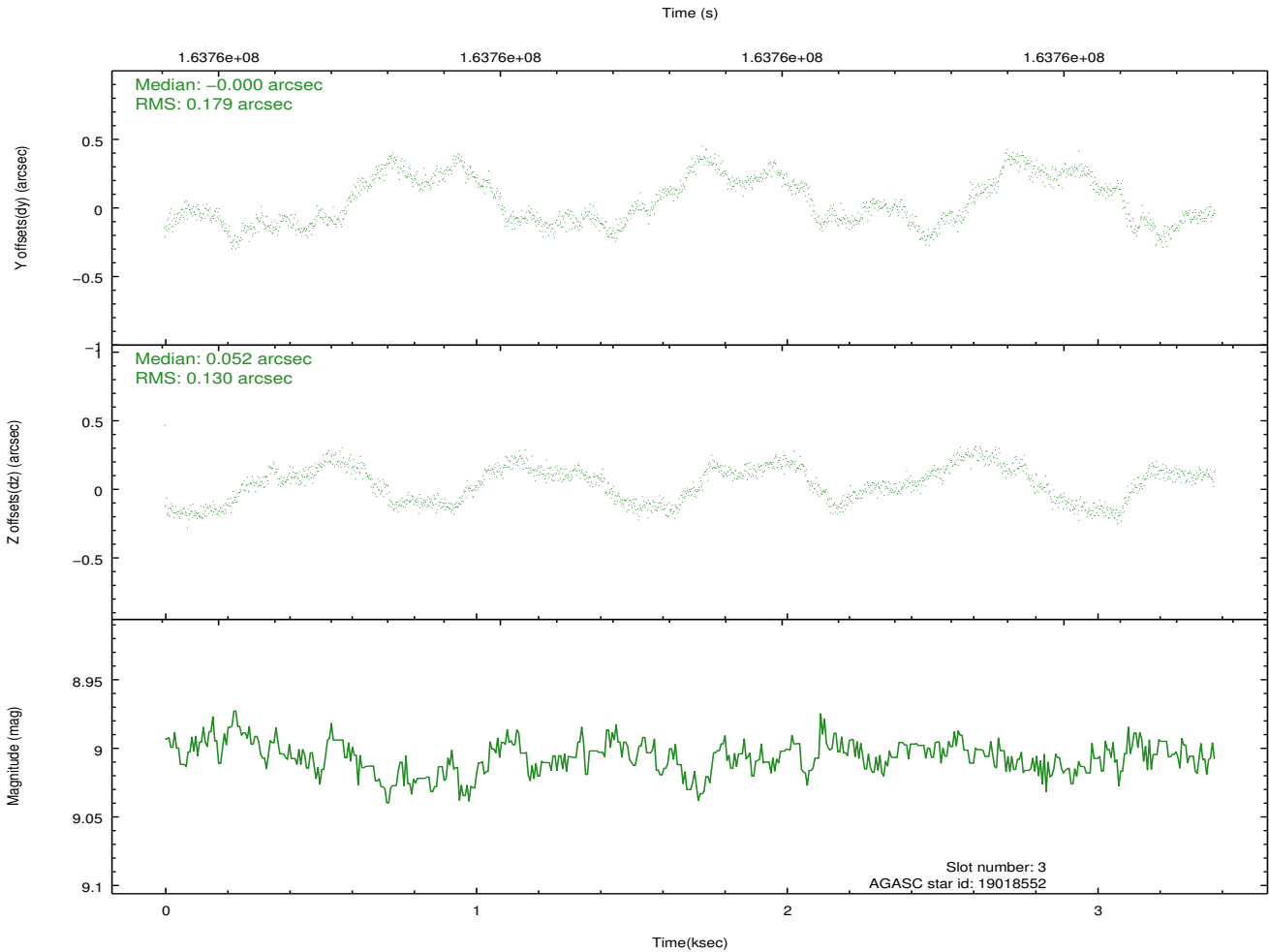
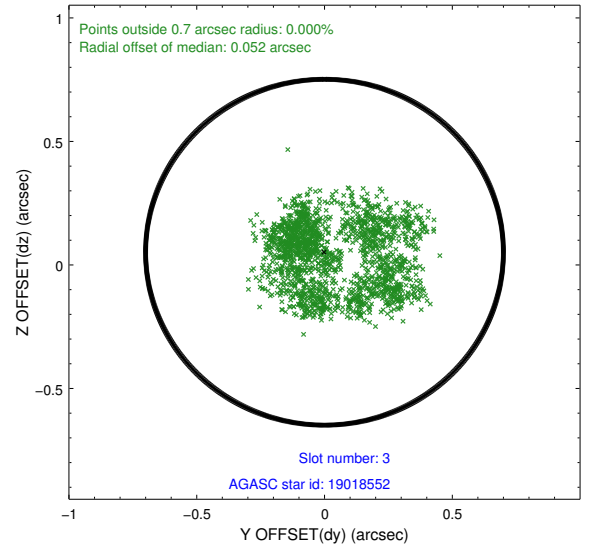
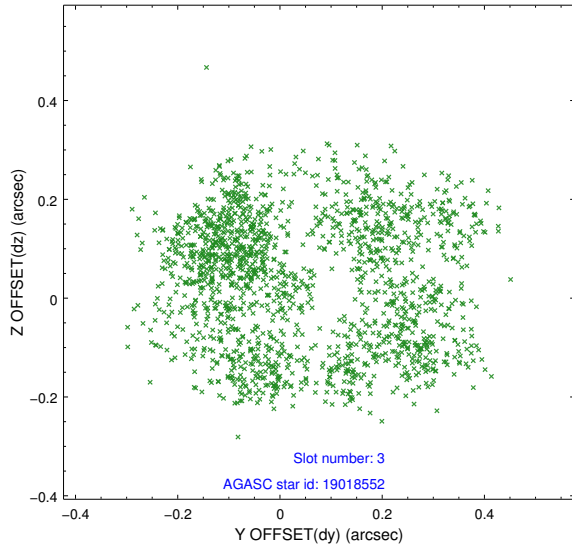


Slot Statistics

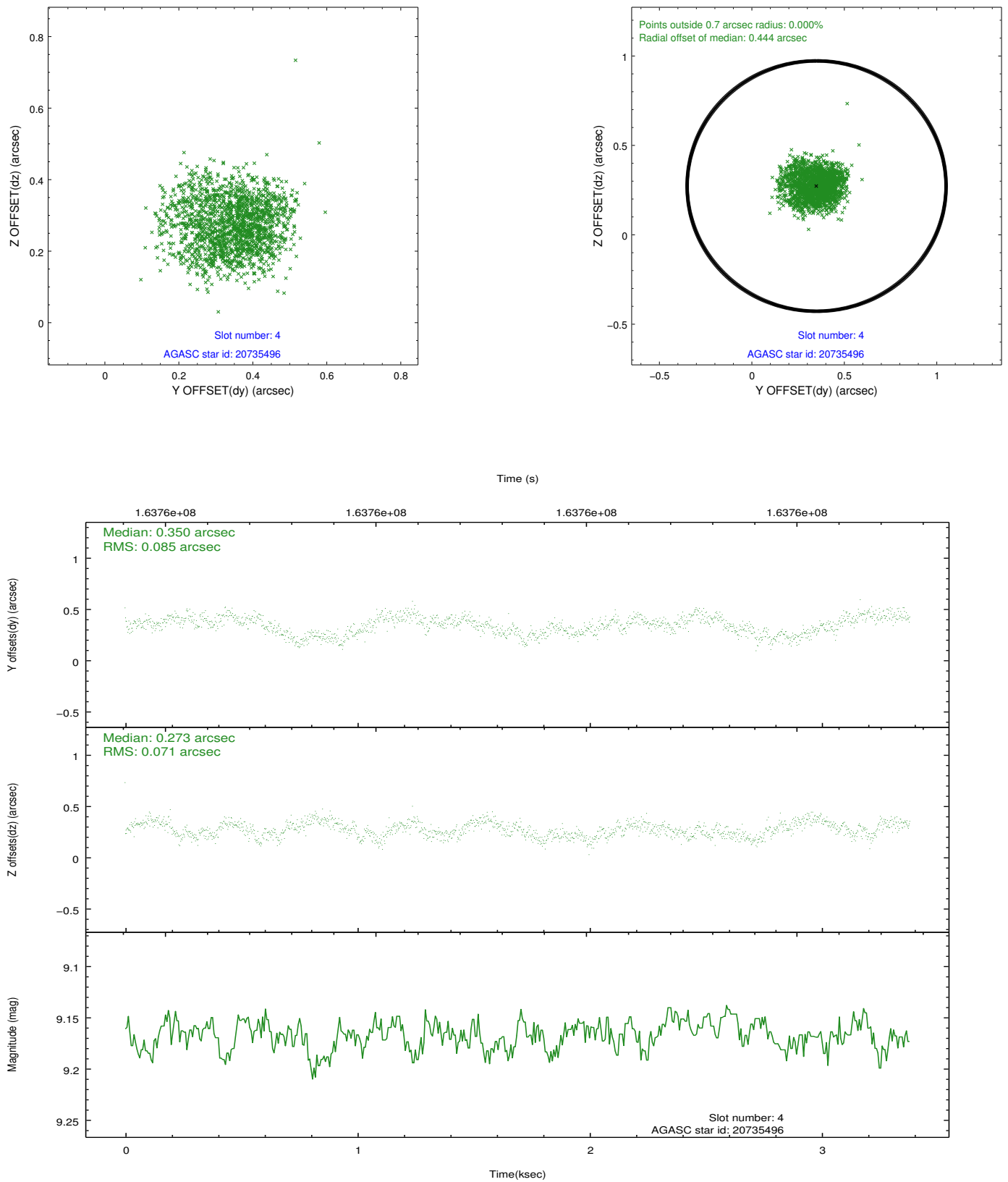
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.20	825	0.014	0.030	0.007	0.012	0.000000	0.000000	940.72	-1725.98
1	FID	ACIS-S-4	7.20	825	-0.019	-0.023	0.006	0.010	0.000000	0.000000	2159.14	176.20
2	FID	ACIS-S-5	7.24	825	-0.022	0.006	0.006	0.010	0.000000	0.000000	-1805.78	171.93
3	GUIDE	19018552	9.01	1650	-0.000	0.052	0.238	0.361	97.240038	6.938588	2170.55	1139.55
4	GUIDE	20735496	9.17	1650	0.350	0.273	0.120	0.183	97.534662	6.892750	2370.29	2187.76
5	GUIDE	95955424	9.93	1647	-0.035	-0.278	0.137	0.232	96.317831	7.630464	-425.64	-2069.09
6	GUIDE	95947040	9.20	1649	-0.214	-0.149	0.114	0.172	96.430739	8.103872	-2117.28	-1611.61
7	GUIDE	95950064	9.42	1649	-0.125	0.109	0.114	0.190	97.421550	8.015895	-1686.96	1908.61

2.4 Star Slots

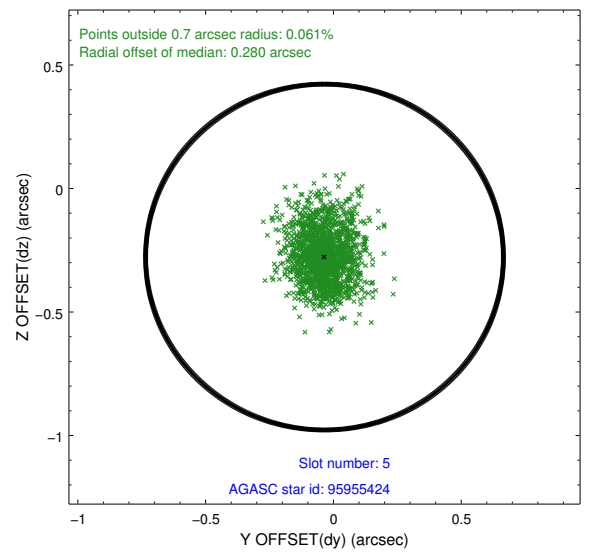
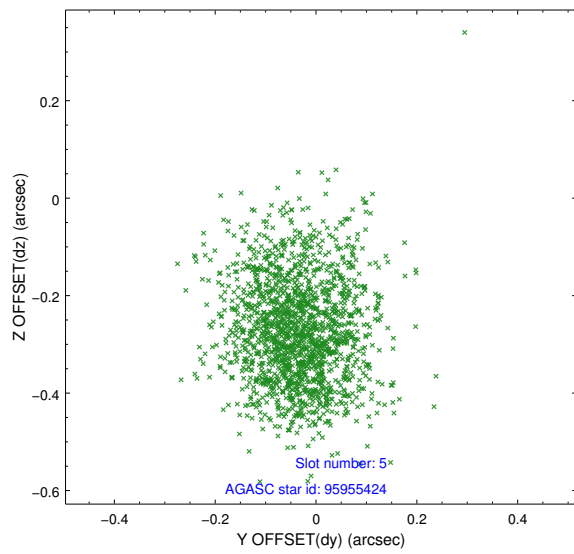
2.4.1 Slot 3



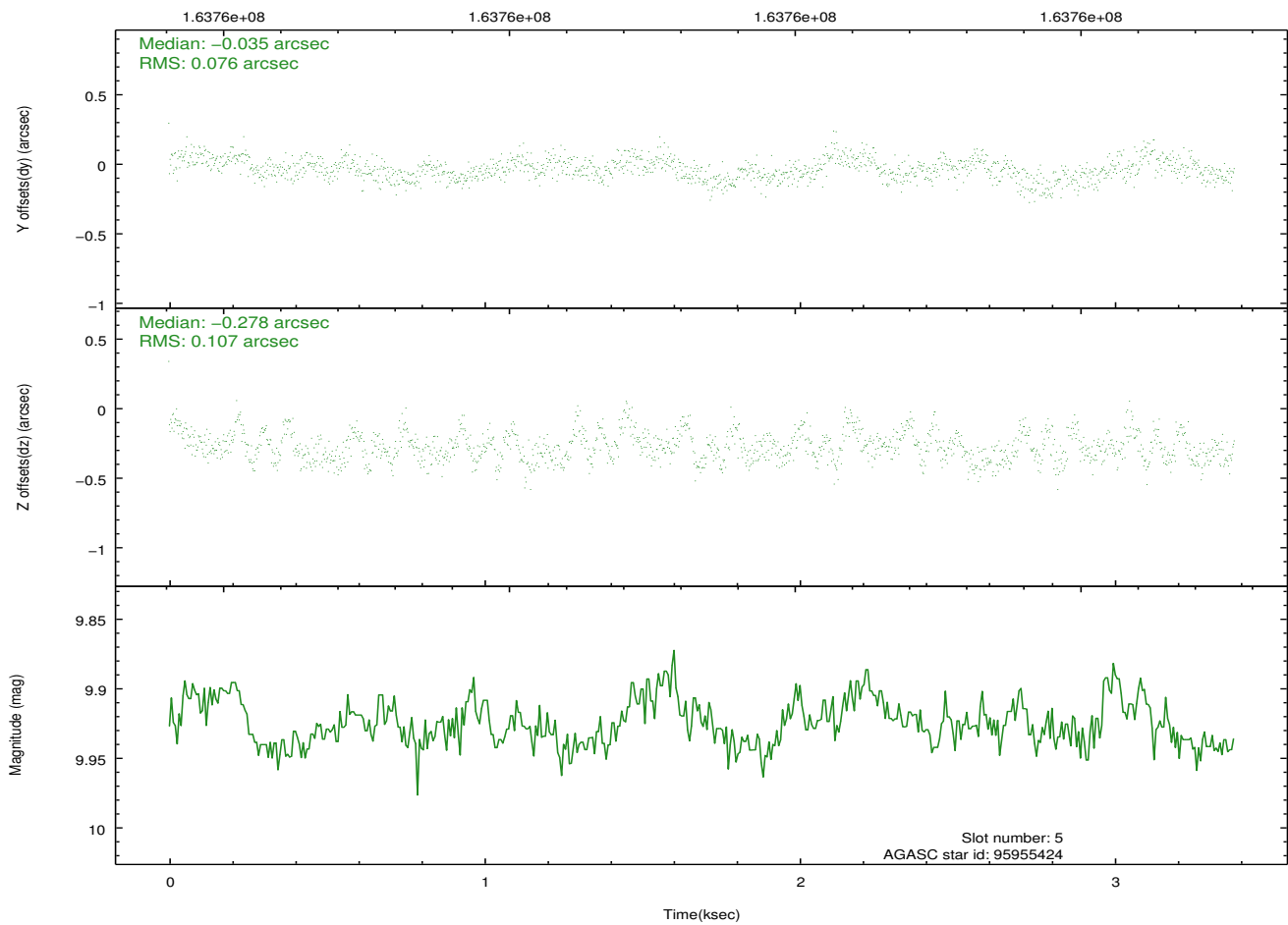
2.4.2 Slot 4



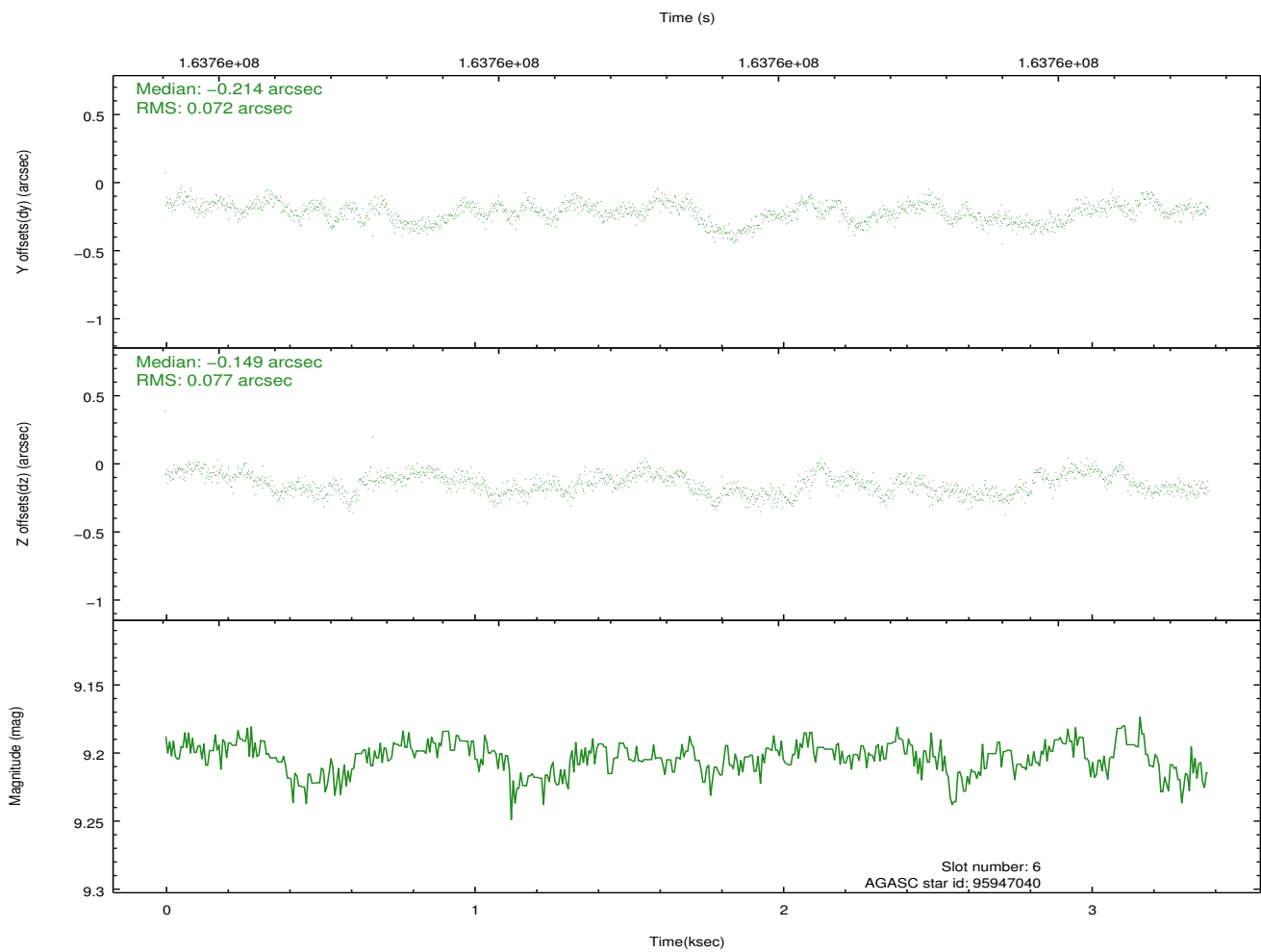
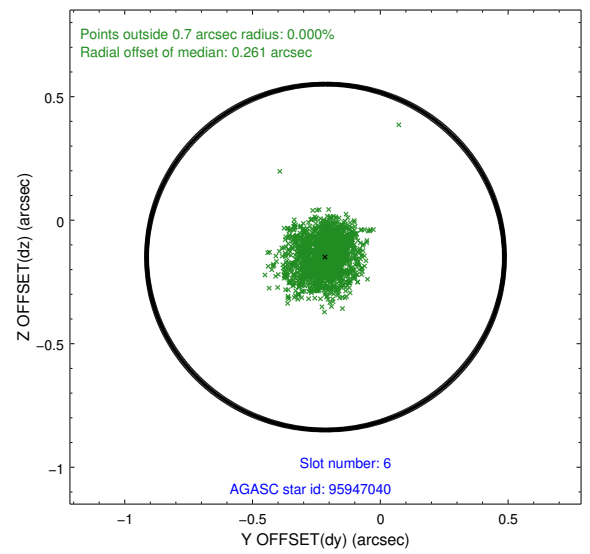
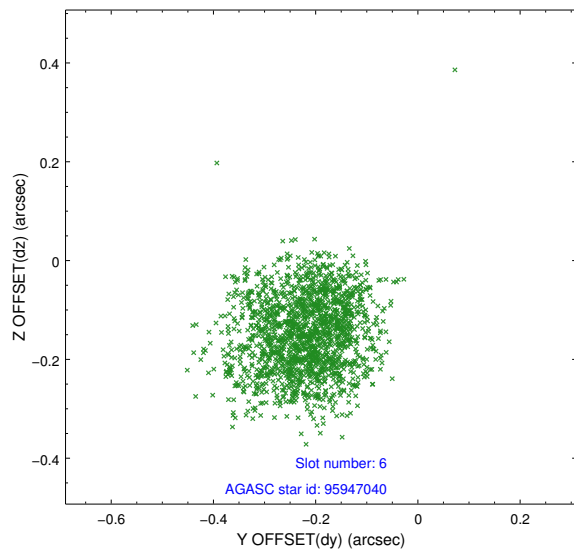
2.4.3 Slot 5



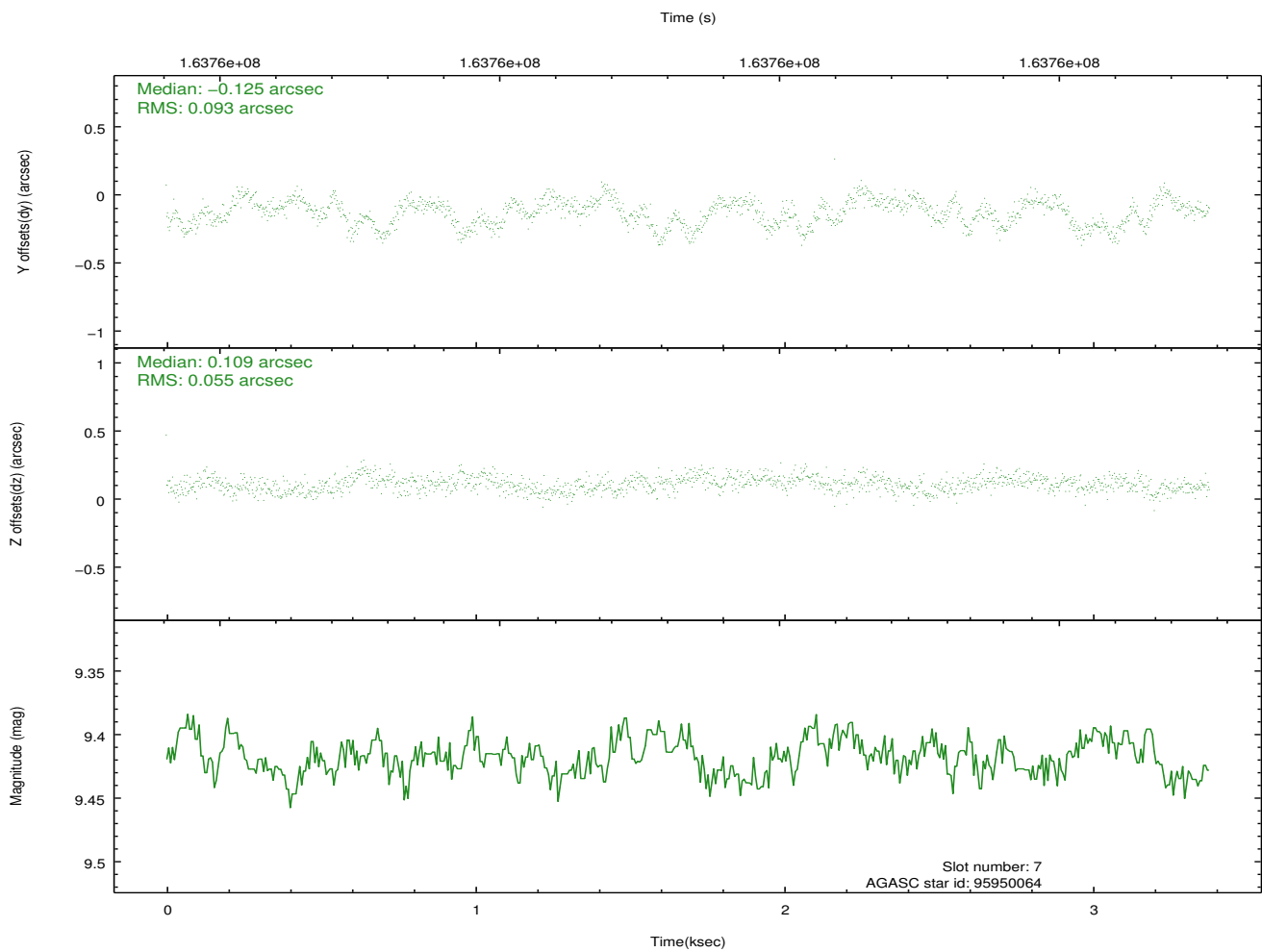
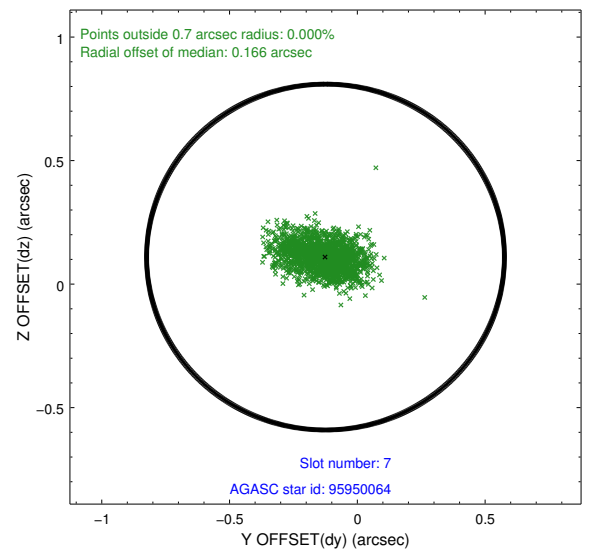
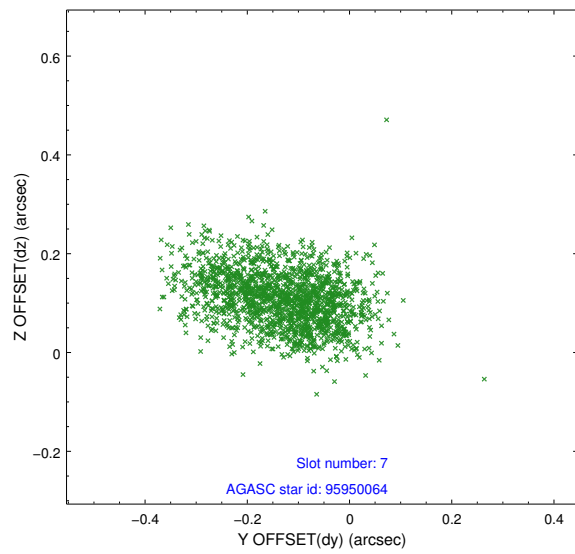
Time (s)



2.4.4 Slot 6

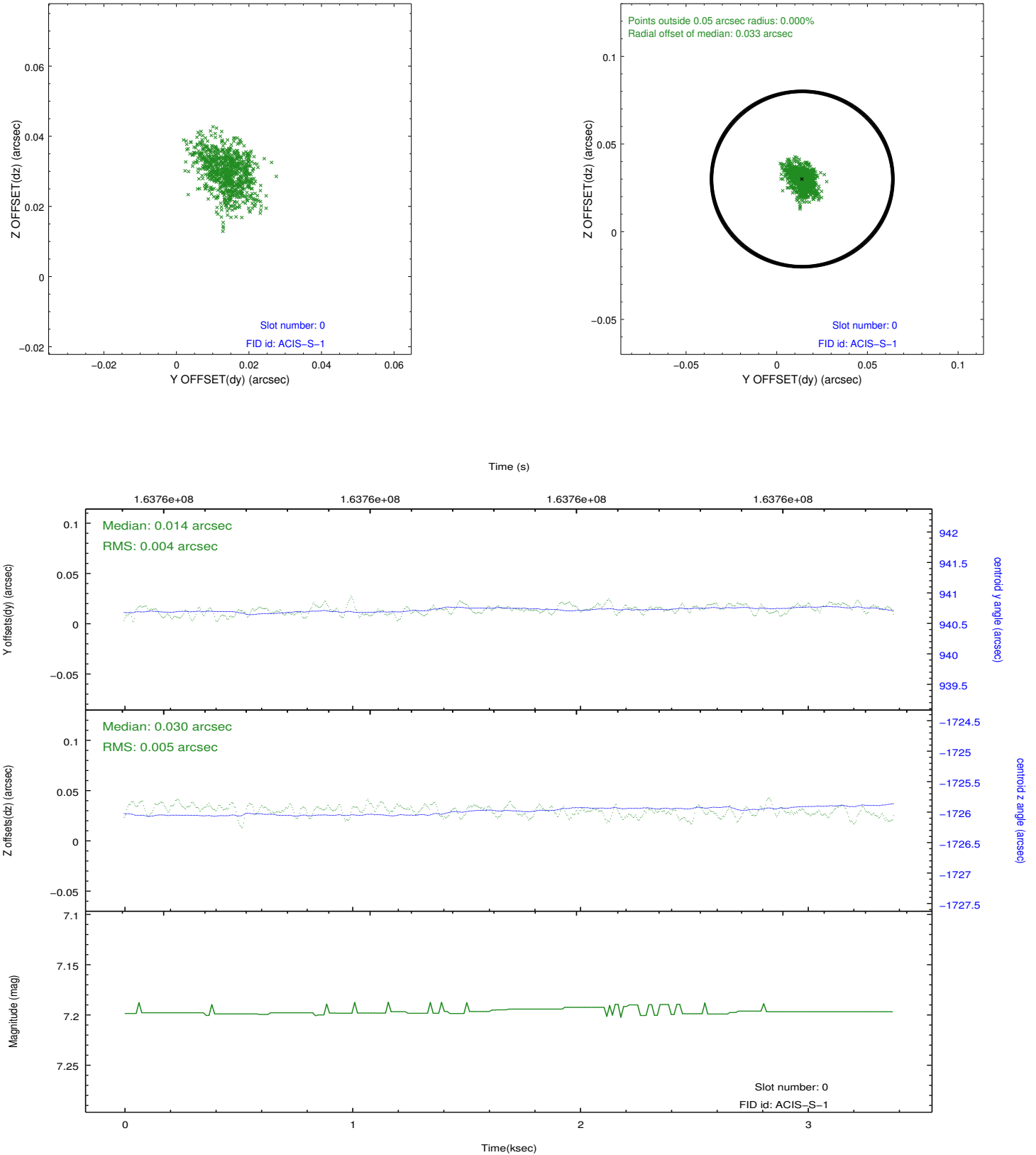


2.4.5 Slot 7

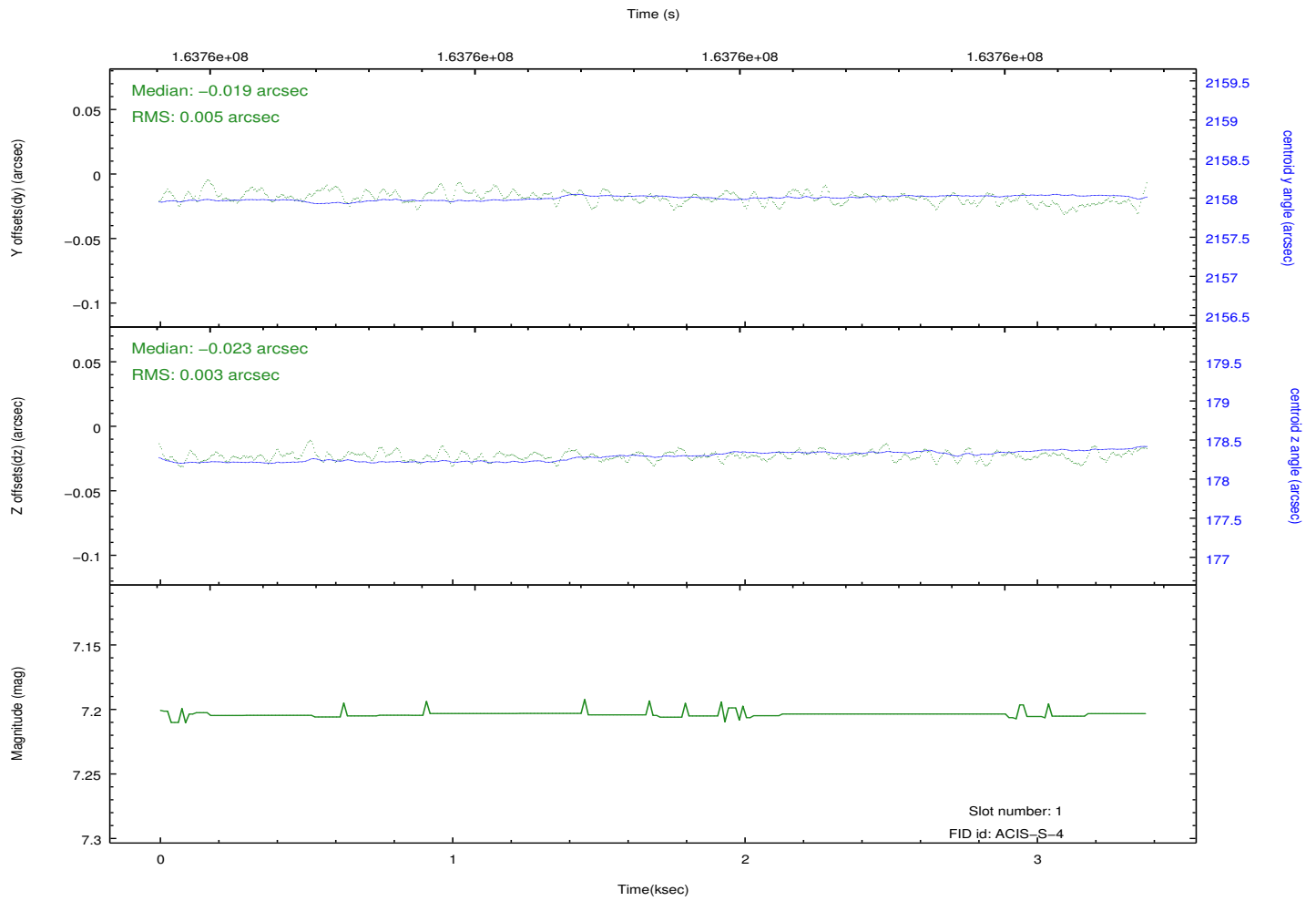
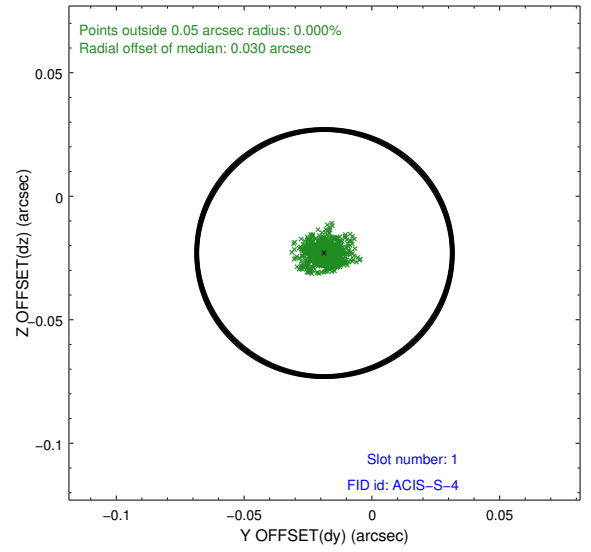
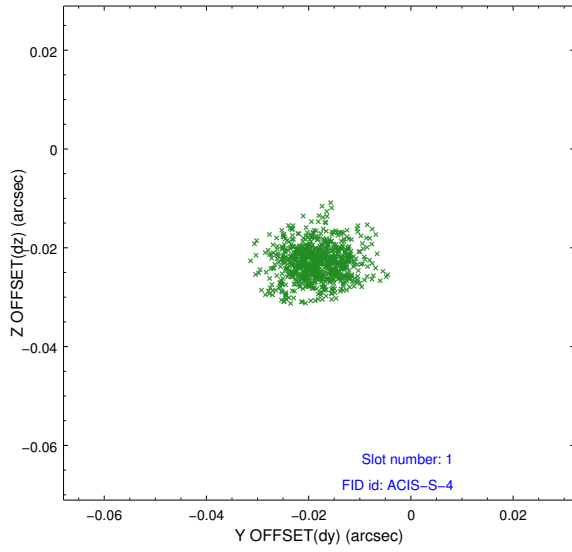


2.5 FID Slots

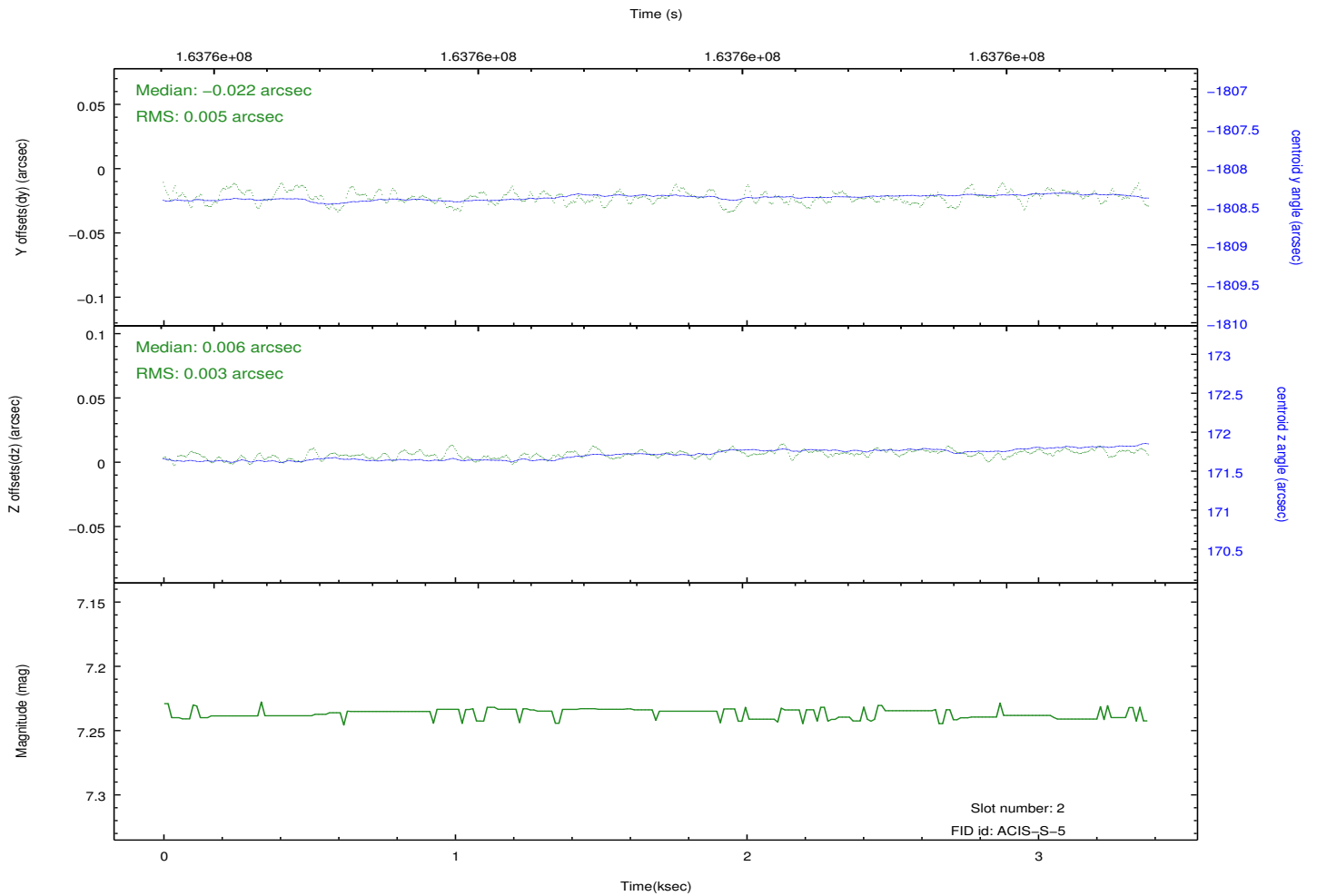
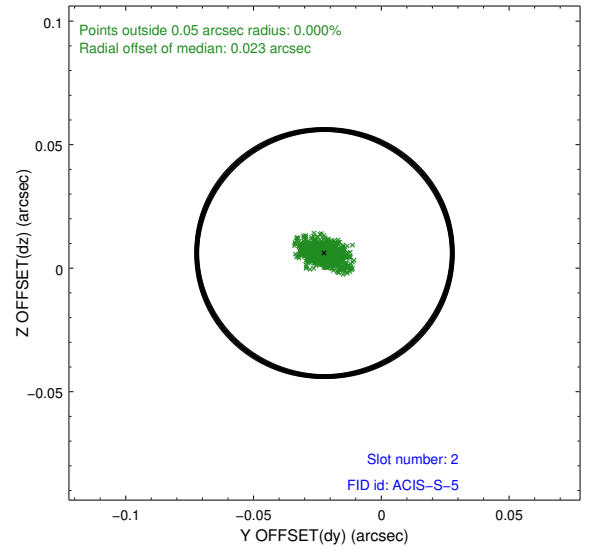
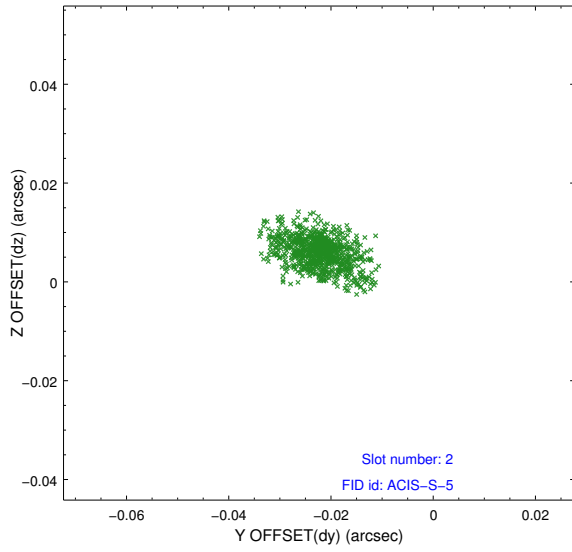
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.378

A.2 Comments