

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 6345 - L2 Version 3
Chandra X-Ray Center

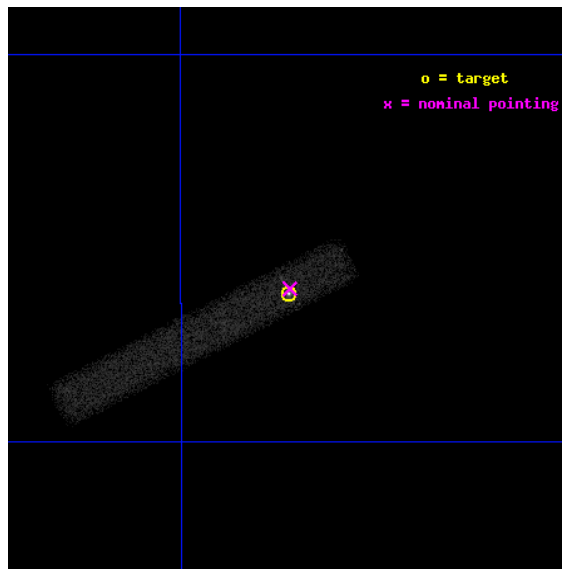
L2 Processing Date : Dec 26 2012

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1 Front

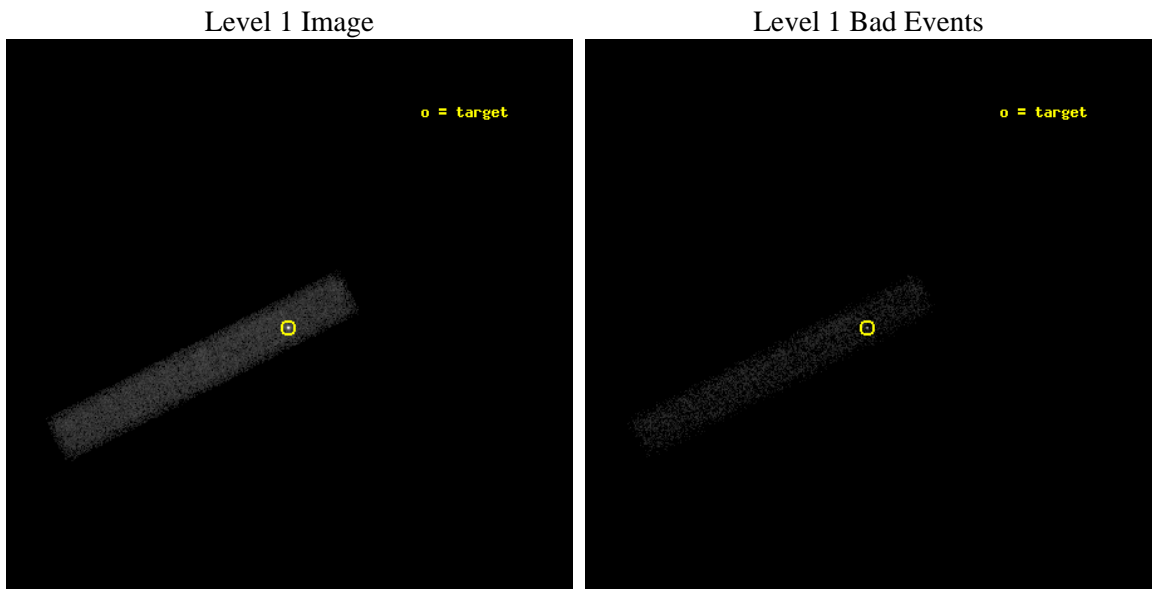
seq_num	500569	Sequence number
obs_id	6345	Observation id
title	Chandra AO6 Monitoring Images of SNR1987A	Proposal title
observer	Prof. David Burrows	Principal investigator
object	SNR1987A	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	83.866667	Observer's specified target RA [deg]
dec_targ	-69.26975	Observer's specified target Dec [deg]
ra_nom	83.865612193146	Nominal RA [deg]
dec_nom	-69.267709691286	Nominal Dec [deg]
roll_nom	153.15563462623	Nominal Roll [deg]
revision	3	Processing version of data
ontime	23145.600344867	Sum of GTIs [s]
livetime	20991.837787835	Livetime [s]
ontime7	23145.600344867	Sum of GTIs [s]
l2events	29540	Number of level 2 events



2 OBI

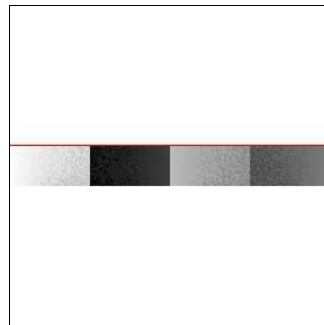
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	23000.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	23145.600344867	Sum of GTIs [s]
caldbver	4.5.5	 	ontime7	23145.600344867	Sum of GTIs [s]
date	2012-12-26T13:15:58	Date and time of file creation	l1events	48390	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

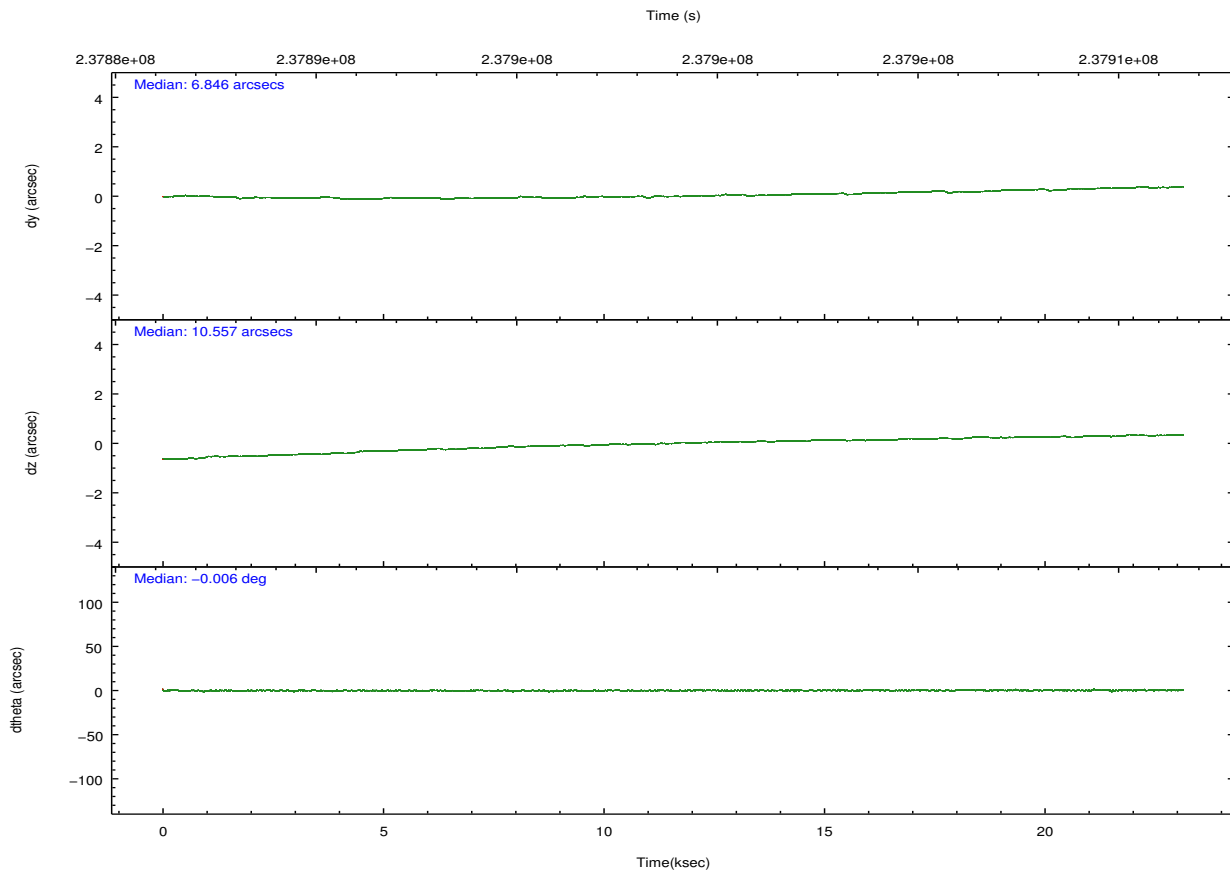
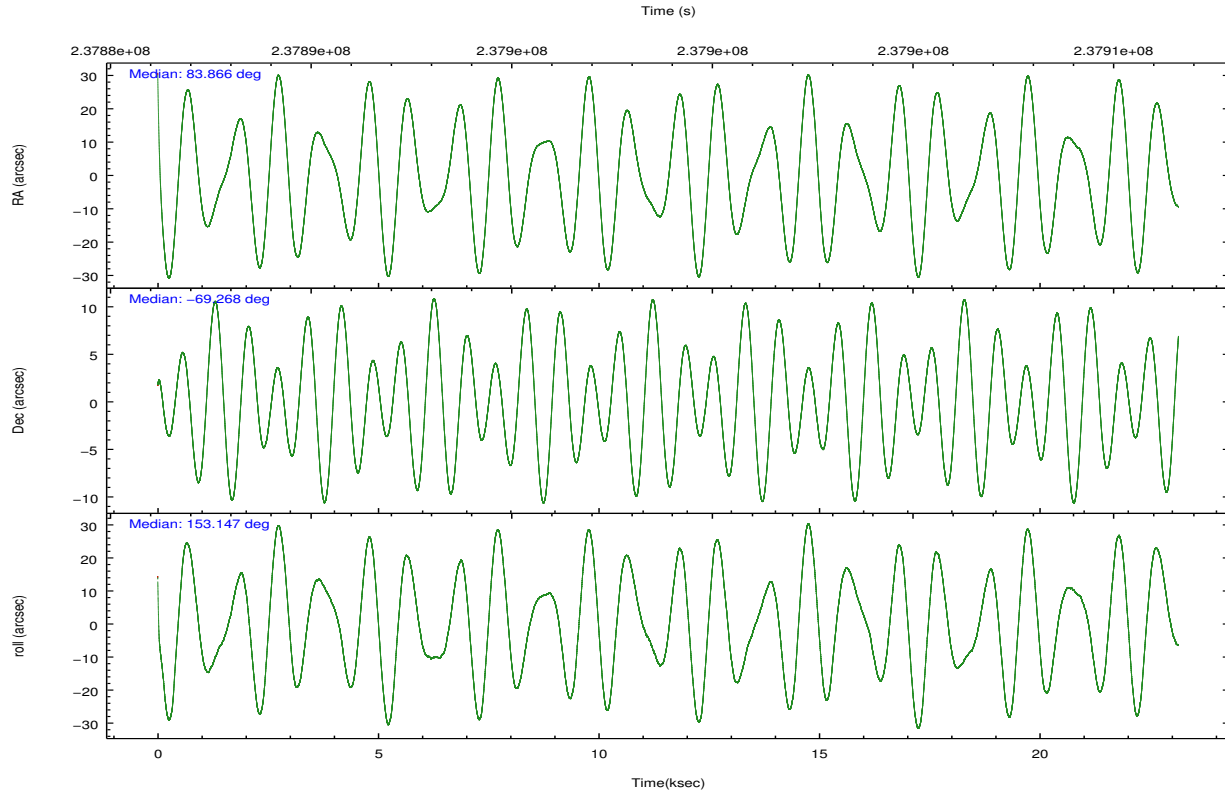
	ccd 7
level 1 events	48390
rejected events	18258
rejected %	37%

	ccd 7
grade 0 events	6448
	13%
grade 1 events	138
	0%
grade 2 events	7147
	14%
grade 3 events	3680
	7%
grade 4 events	3736
	7%
grade 5 events	3224
	6%
grade 6 events	9613
	19%
grade 7 events	14404
	29%

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	83.942415	83.86561219314558	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-69.265824	-69.26770969128553	Subarray start row	449	449
[deg] Pointing Roll	153.070847	153.1556346262335	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)	237887467.184000	237886488.0575			
Observation start date	2005-07-16T07:50:03	2005-07-16T07:34:48			
[s] Observation end time (MET)	237910467.184000	237911412.47114			
Observation end date	2005-07-16T14:13:23	2005-07-16T14:30:12			
Read mode	TIMED	TIMED			

2.3 Aspect

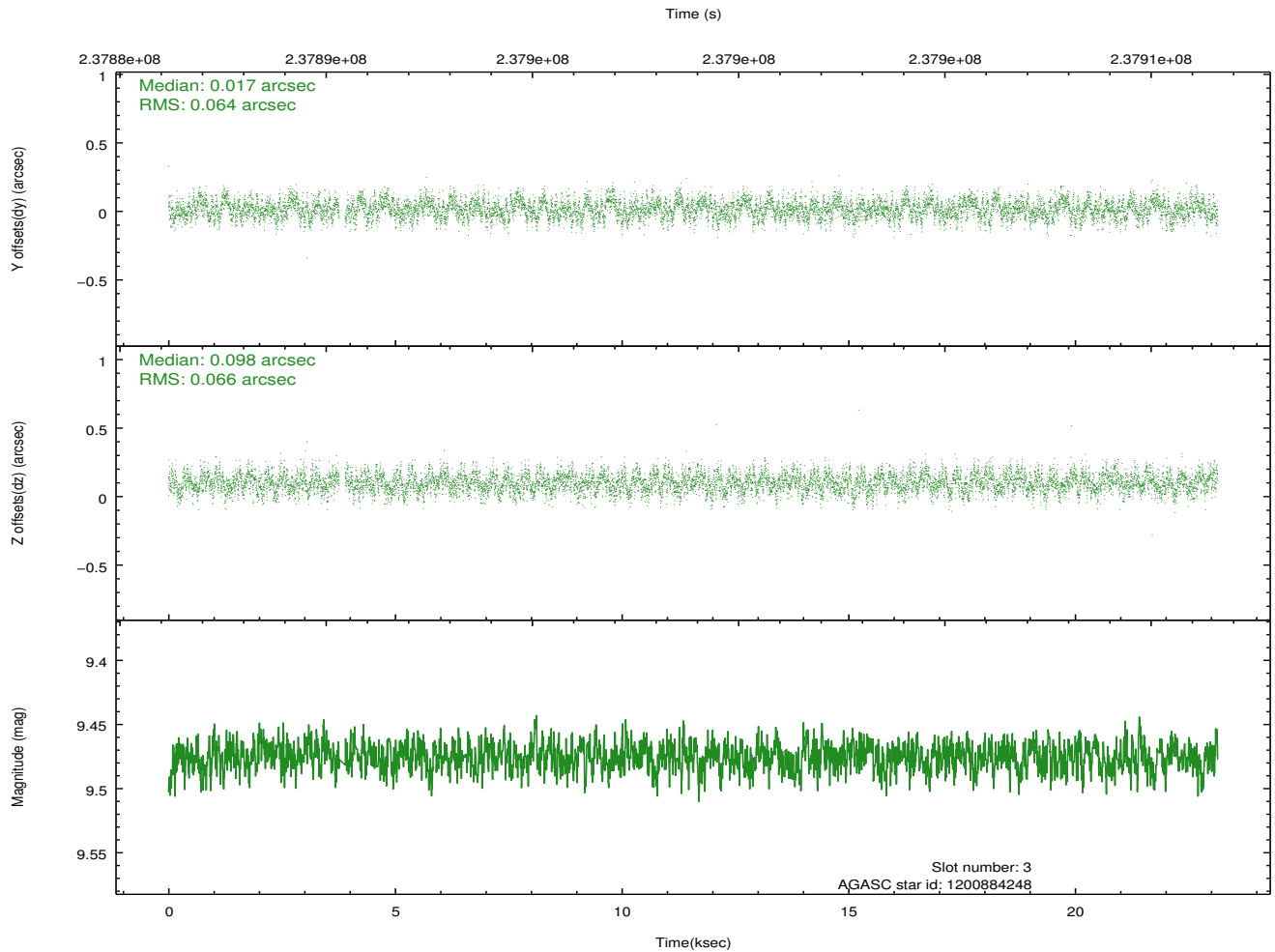
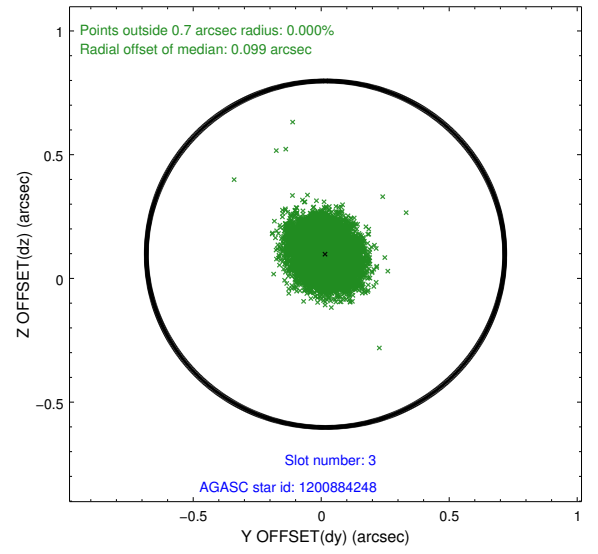
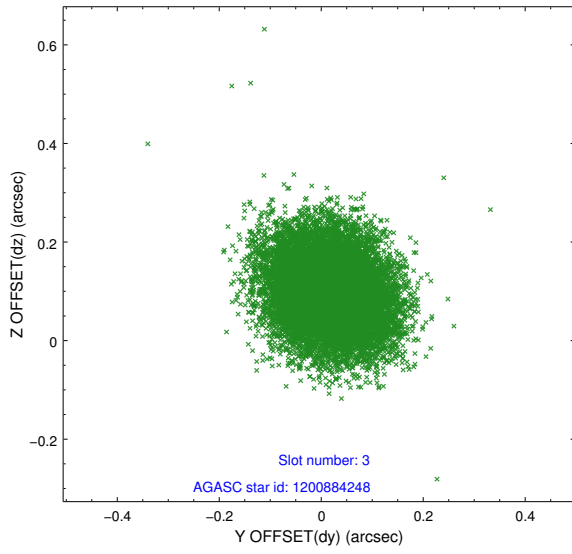


Slot Statistics

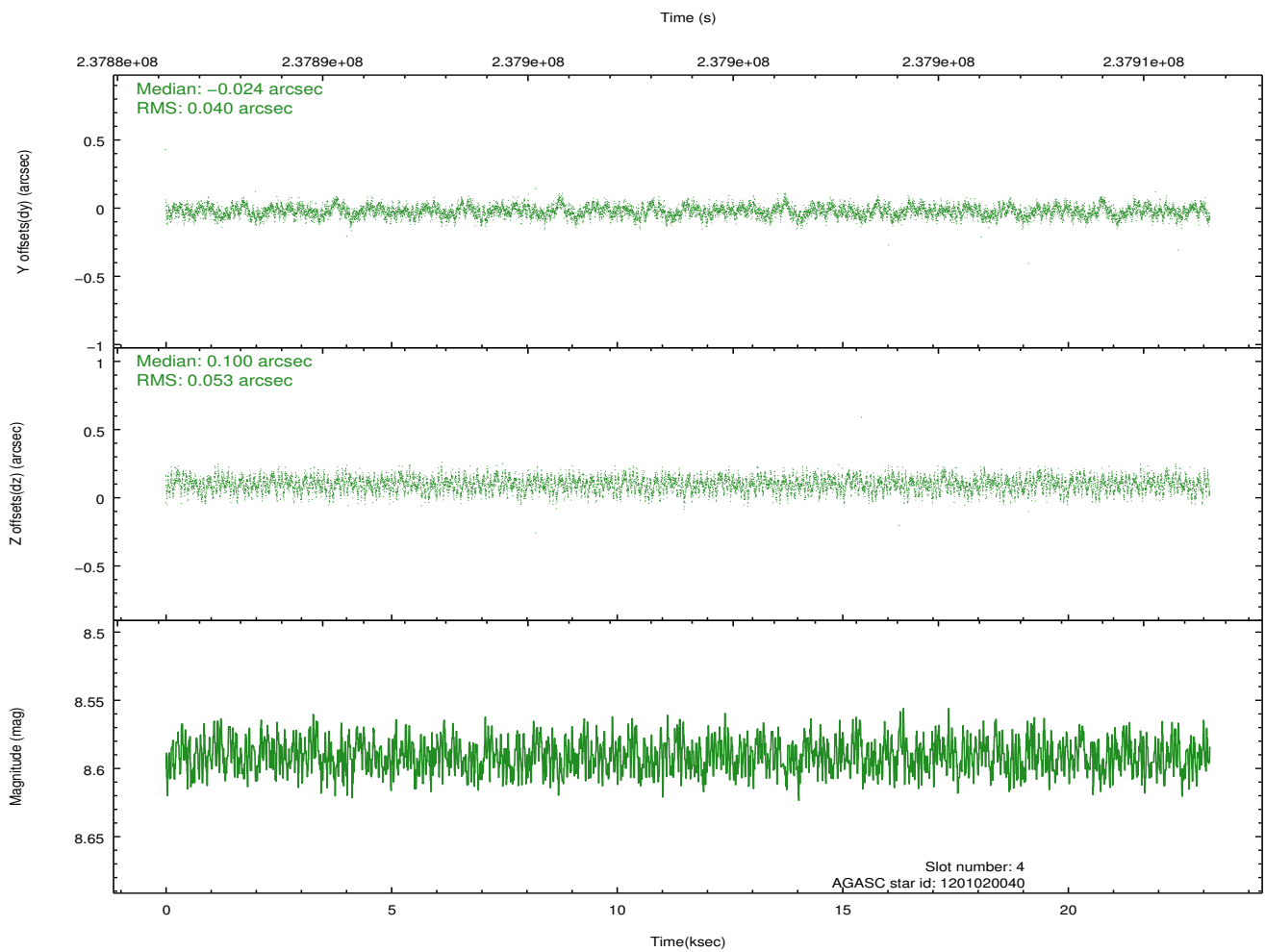
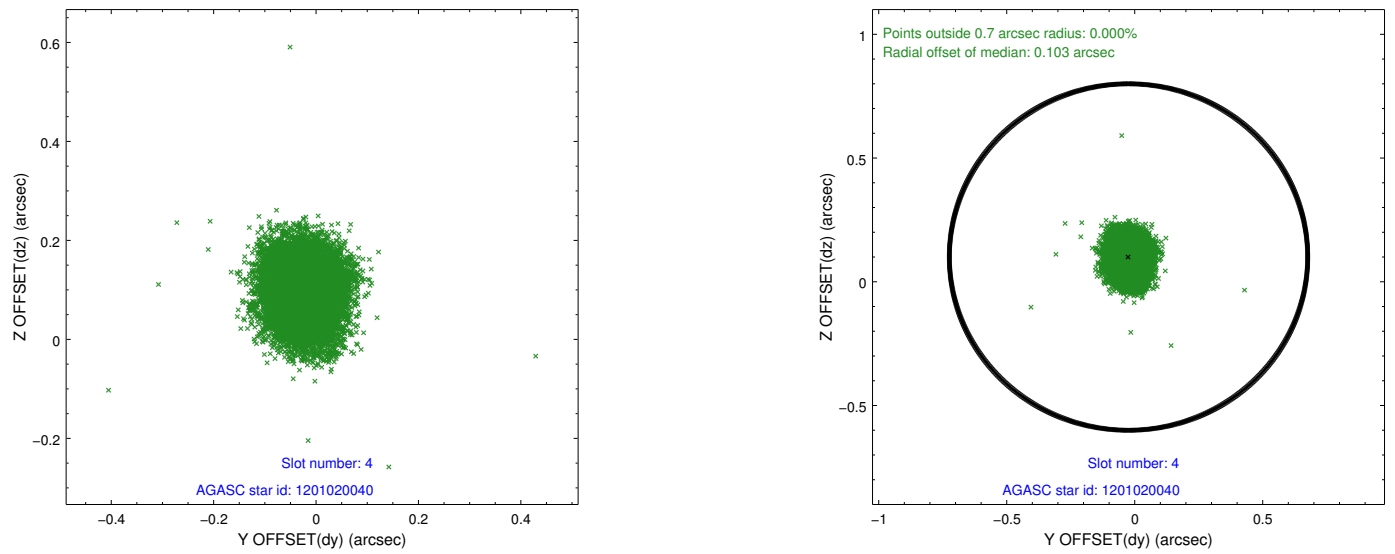
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	5646	0.000	-0.054	0.021	0.033	0.000000	0.000000	936.39	-1727.44
1	FID	ACIS-S-4	7.21	5645	0.075	0.042	0.012	0.023	0.000000	0.000000	2153.93	176.67
2	FID	ACIS-S-5	7.23	5646	-0.102	0.024	0.011	0.018	0.000000	0.000000	-1812.42	170.38
3	GUIDE	1200884248	9.48	11227	0.017	0.098	0.099	0.155	83.880915	-68.565170	1214.93	-2211.60
4	GUIDE	1201020040	8.59	11290	-0.024	0.100	0.071	0.112	85.379163	-68.879396	-1040.82	-2064.68
5	GUIDE	1201542672	8.20	11289	0.030	-0.137	0.065	0.109	84.492488	-69.957531	-1734.32	1914.40
6	GUIDE	1201019672	6.83	11292	-0.096	0.007	0.044	0.070	85.312192	-68.770187	-792.57	-2381.21
7	GUIDE	1201540776	9.59	11256	0.071	-0.067	0.103	0.170	85.107945	-69.858480	-2260.64	1260.03

2.4 Star Slots

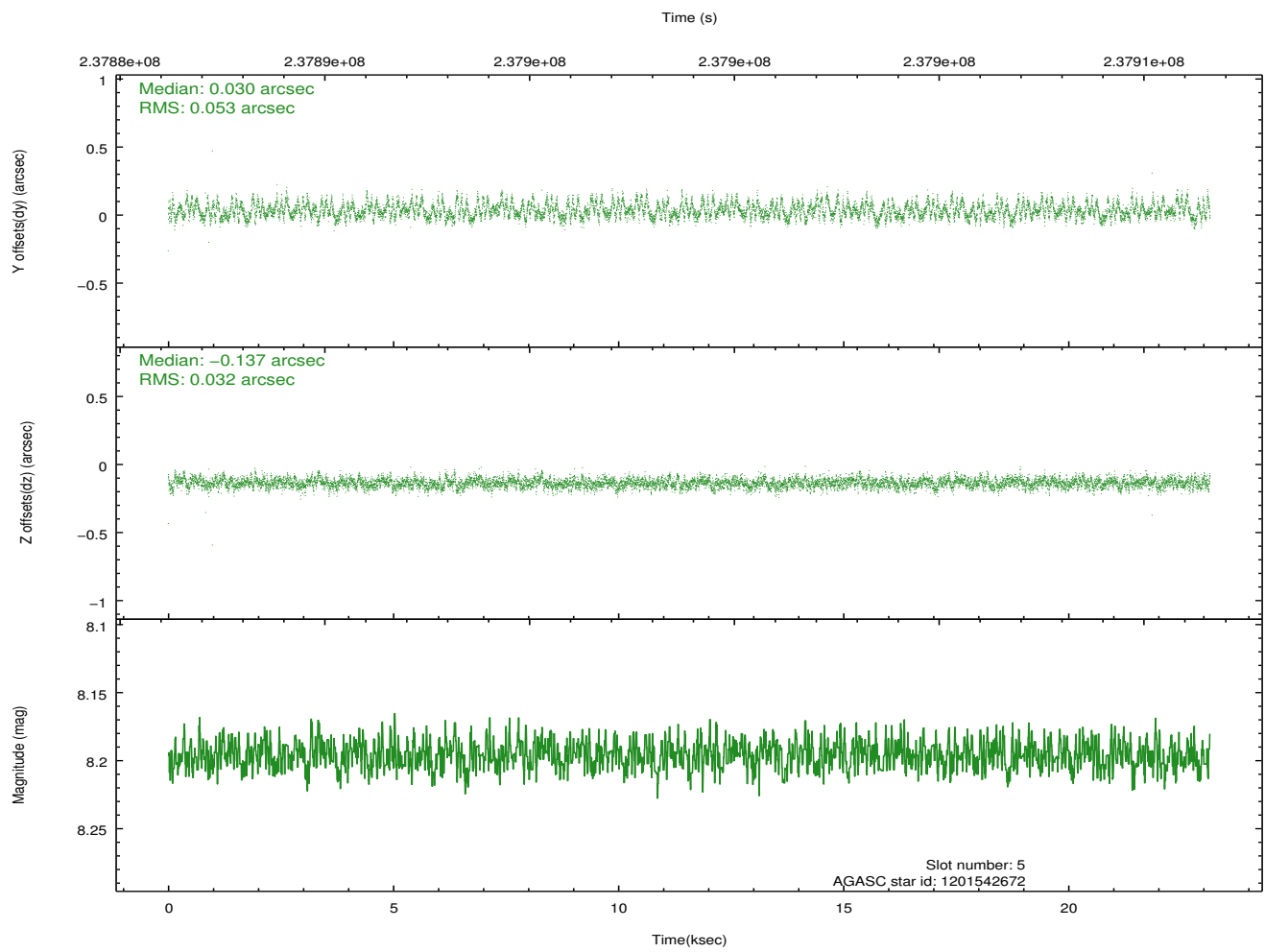
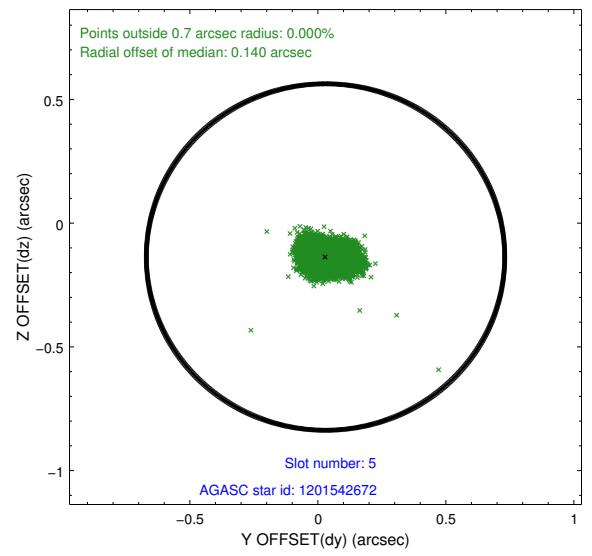
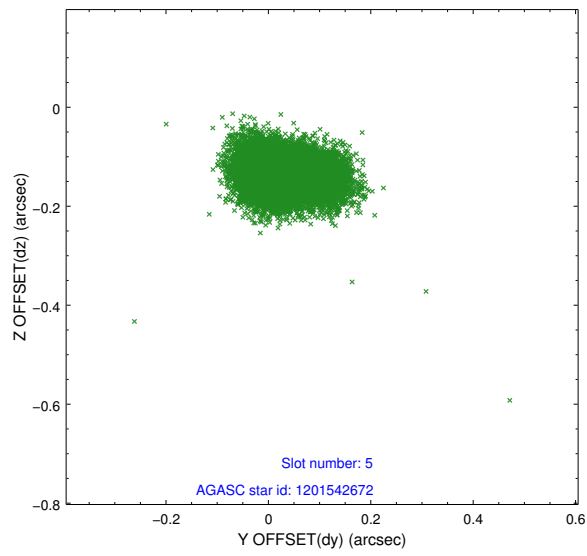
2.4.1 Slot 3



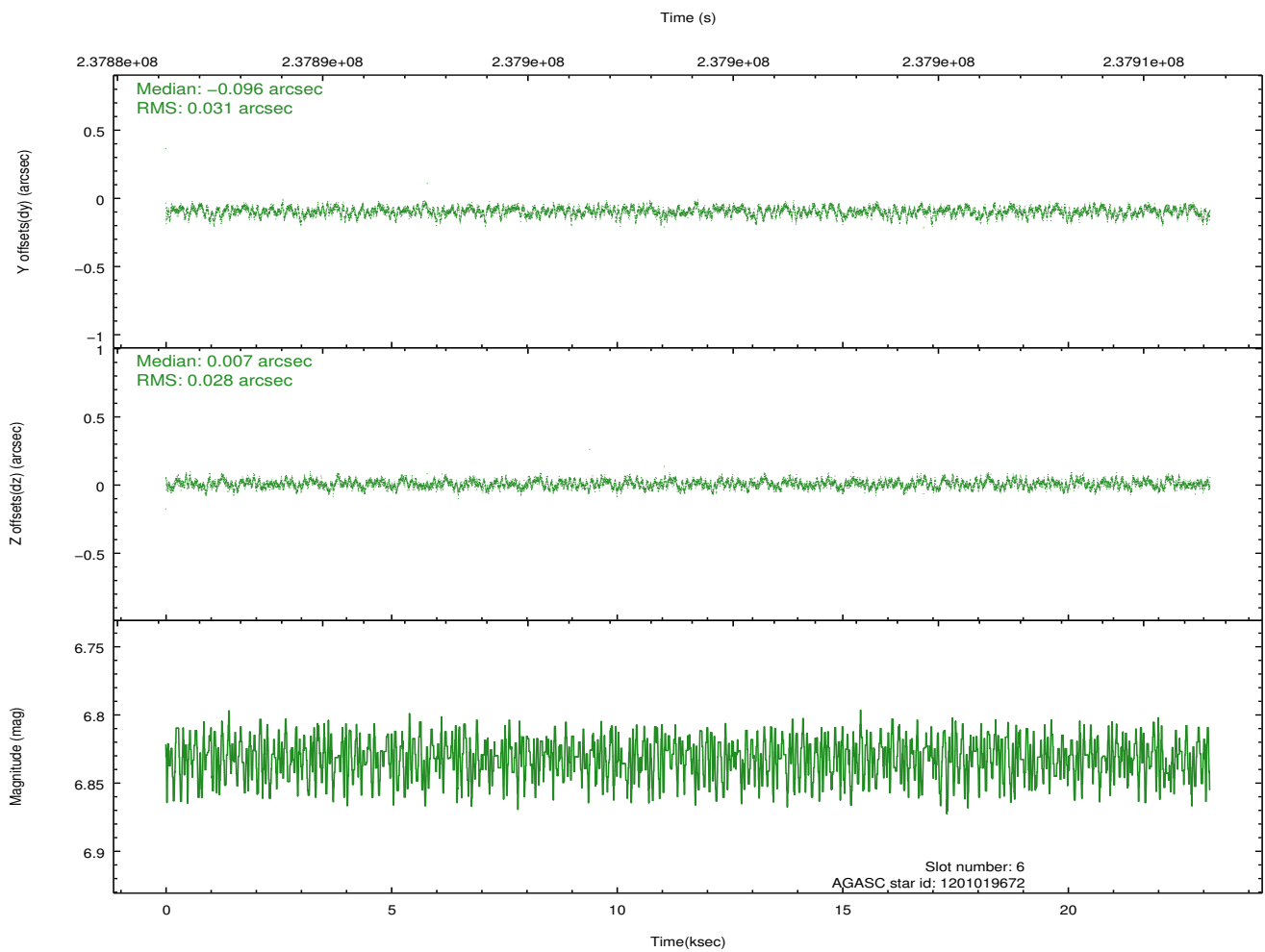
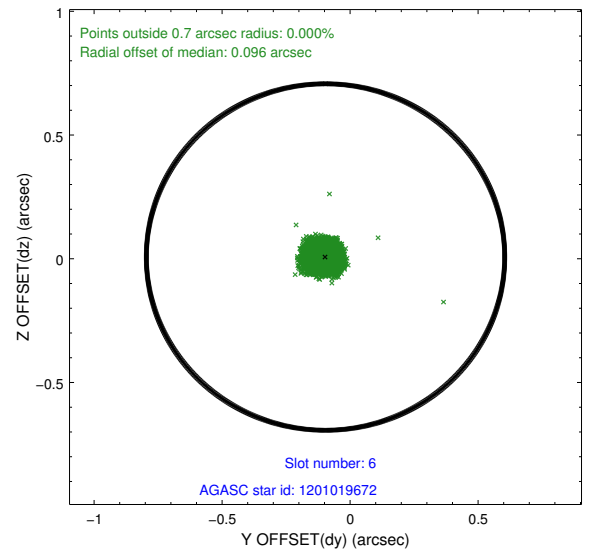
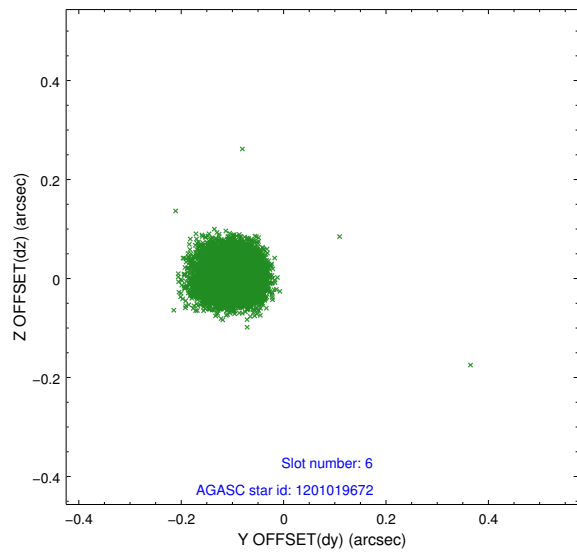
2.4.2 Slot 4



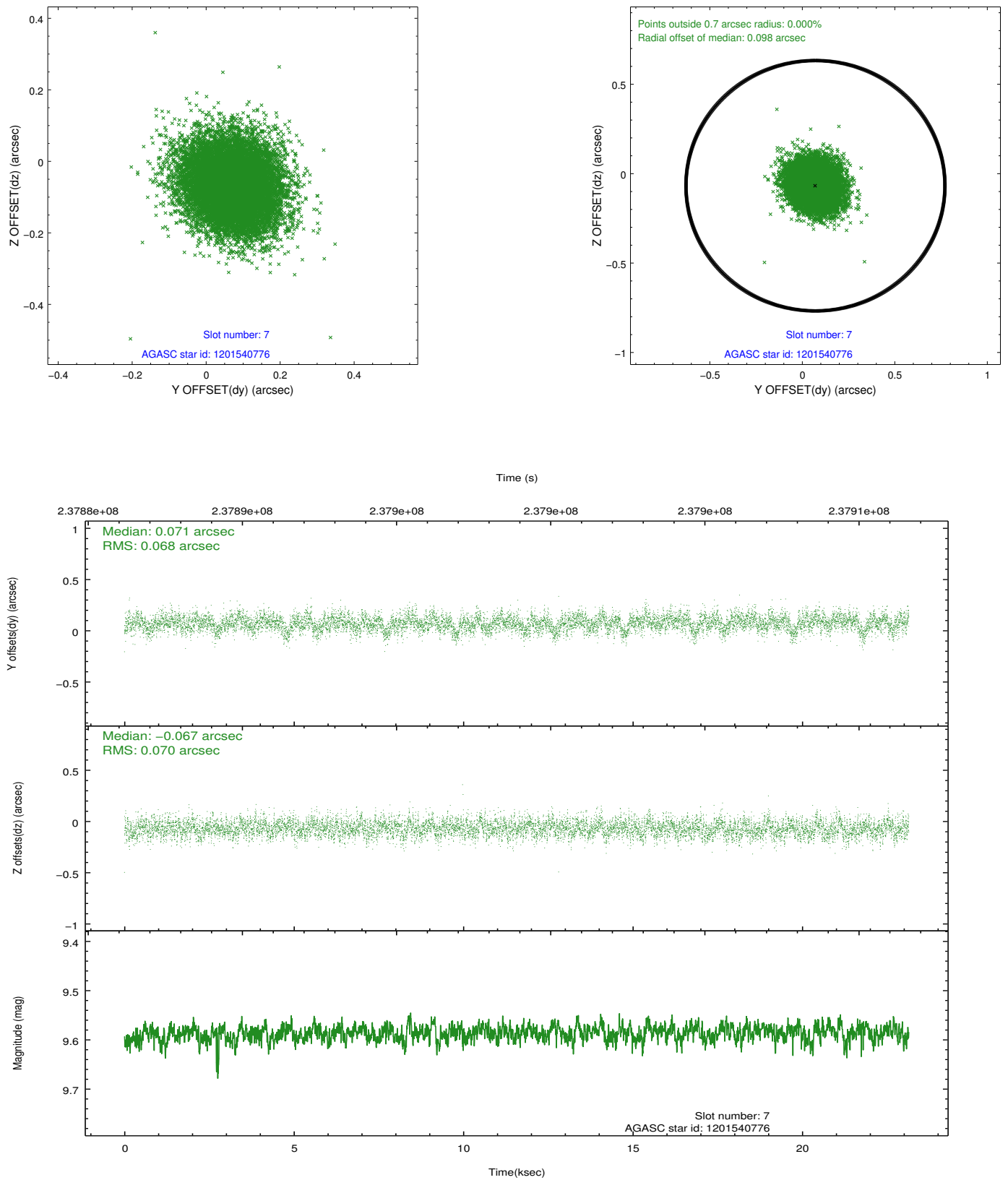
2.4.3 Slot 5



2.4.4 Slot 6

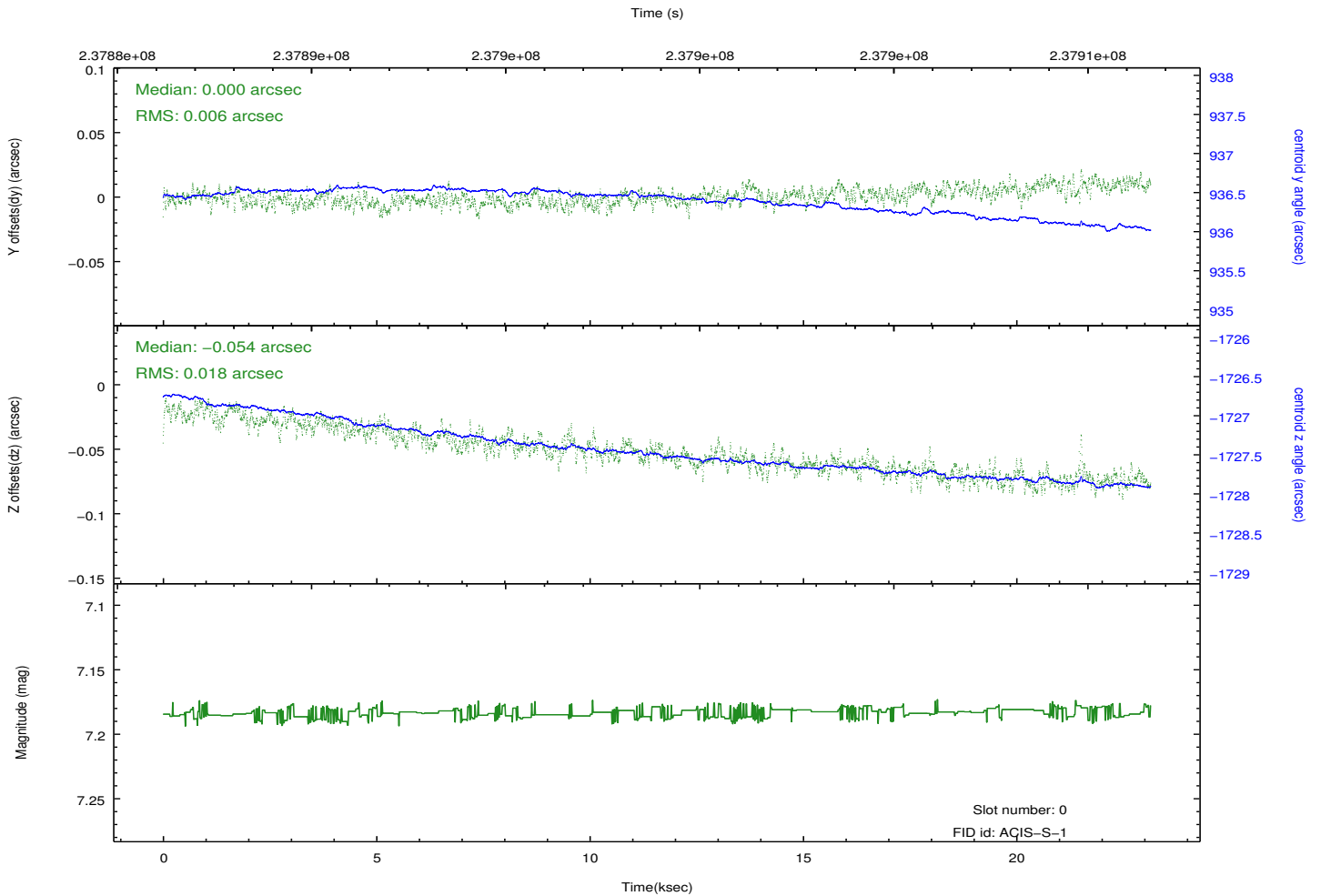
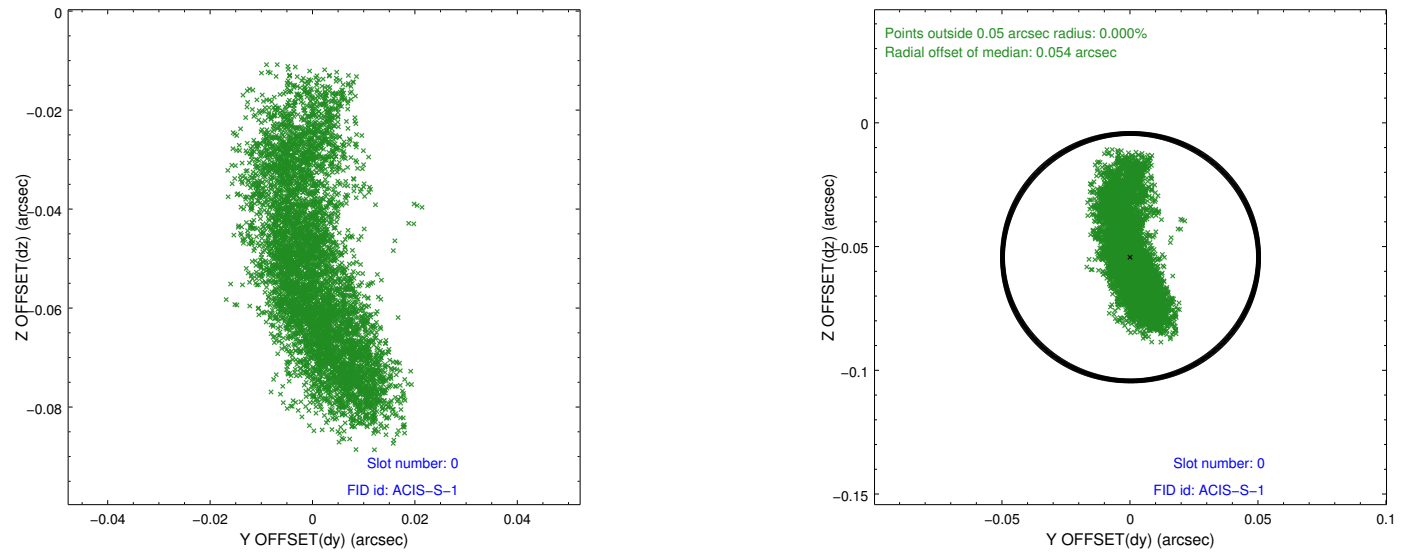


2.4.5 Slot 7

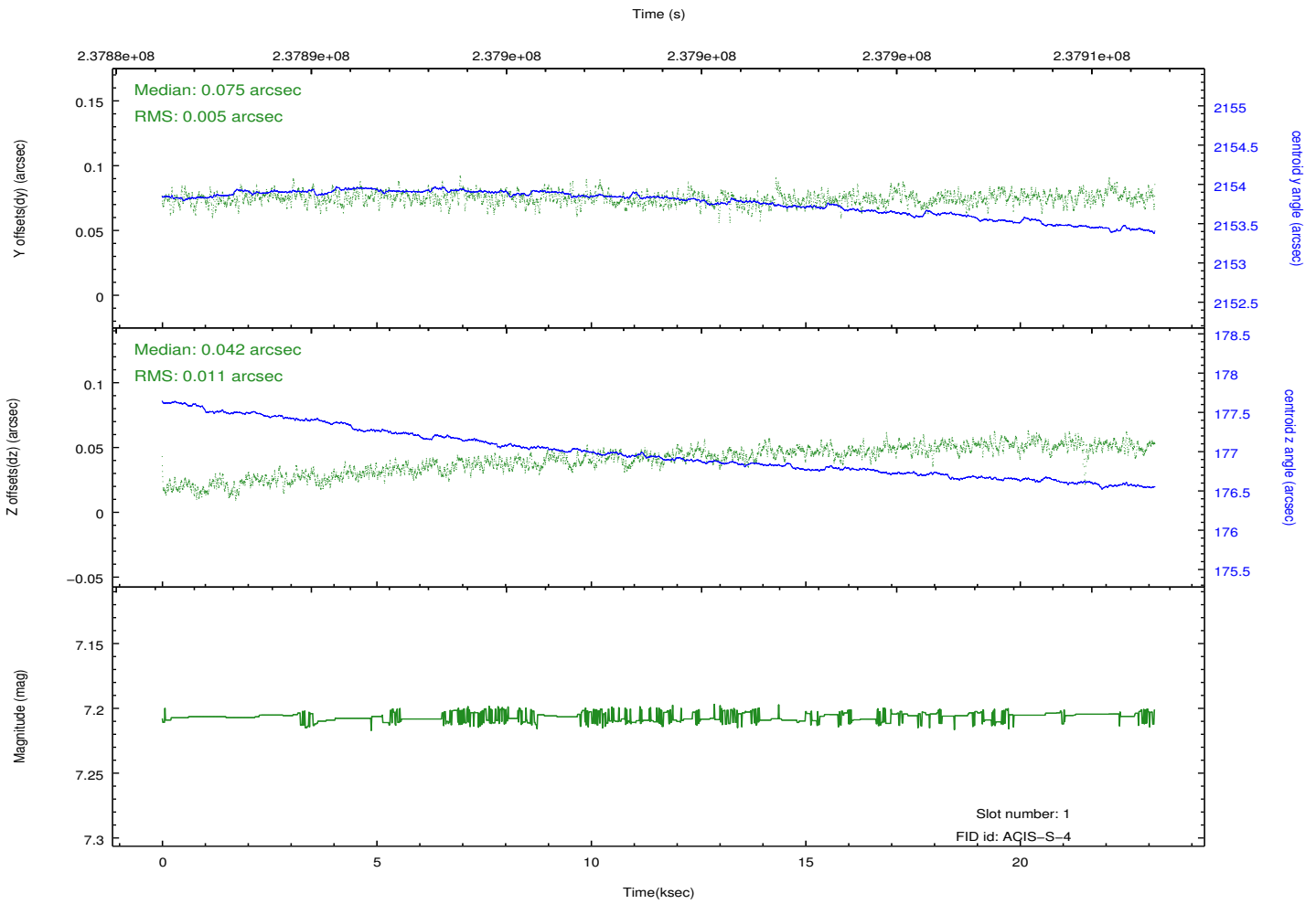
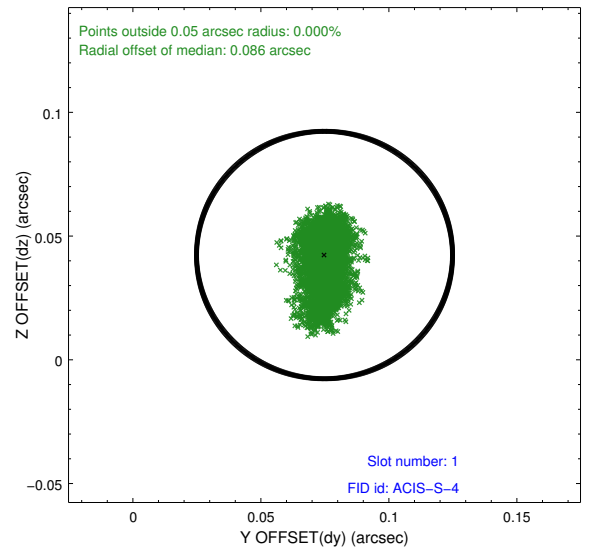
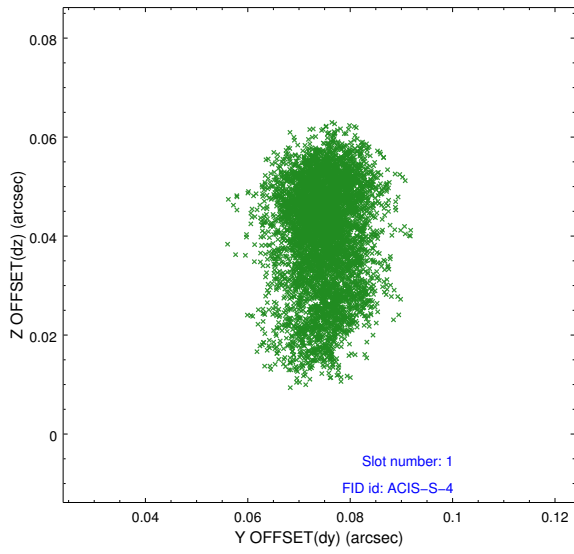


2.5 FID Slots

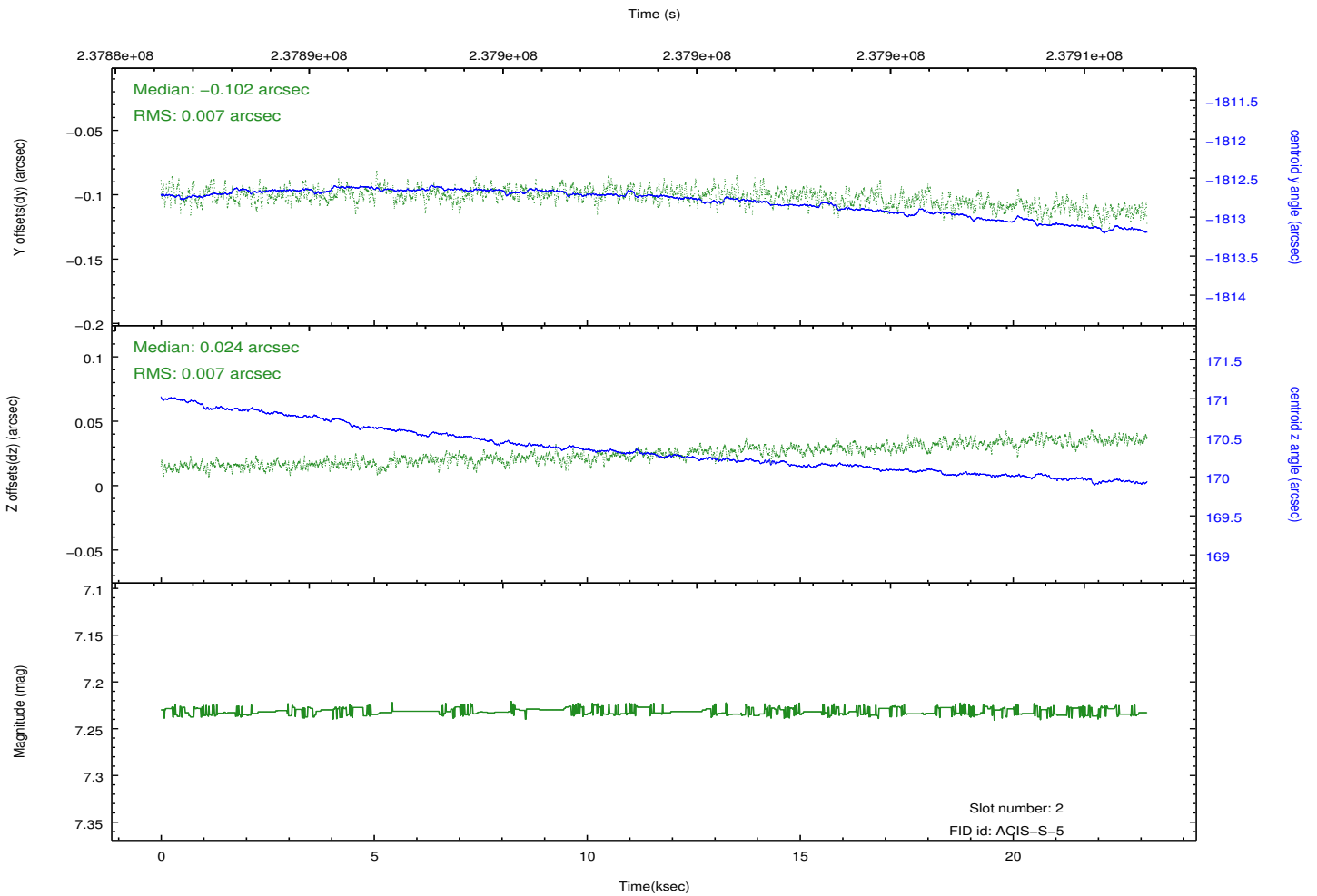
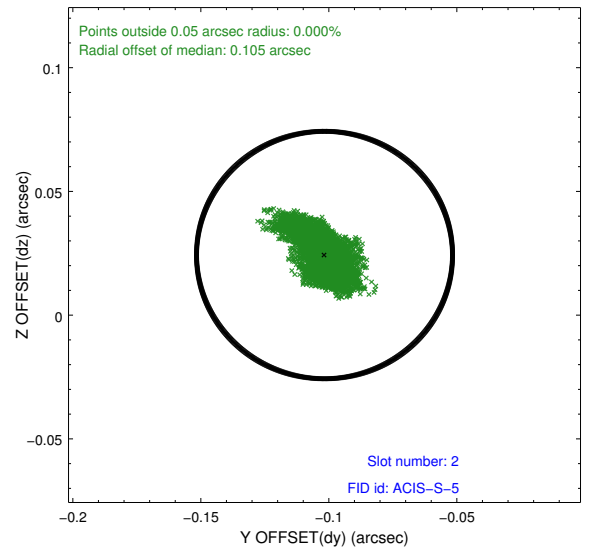
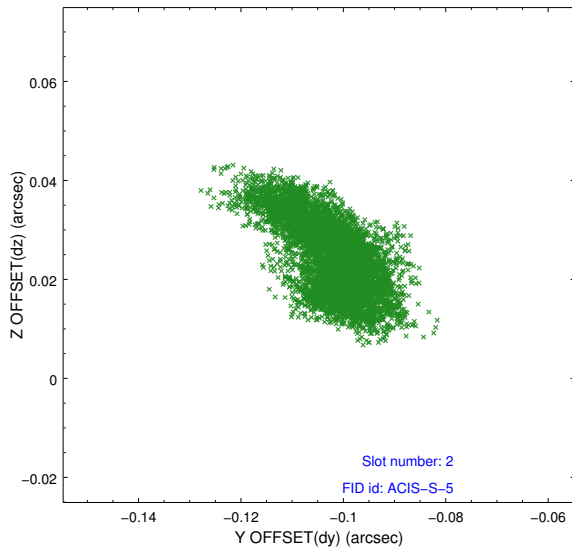
2.5.1 Slot 0



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)	2013.01.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	23.1456

A.2 Comments