

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 5580 - L2 Version 3
Chandra X-Ray Center

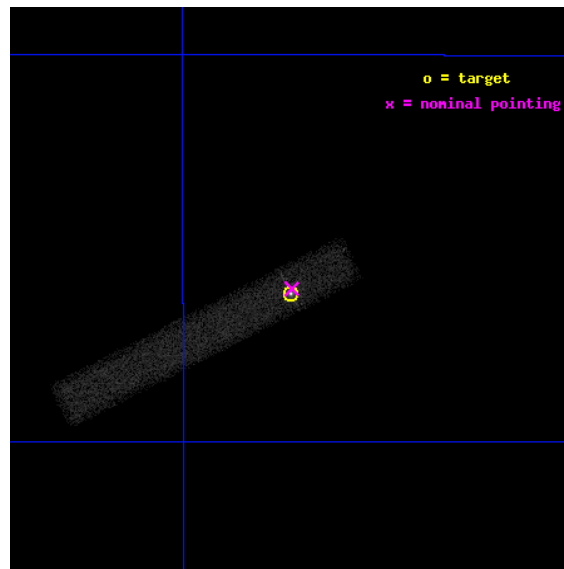
L2 Processing Date : Dec 25 2012

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1 Front

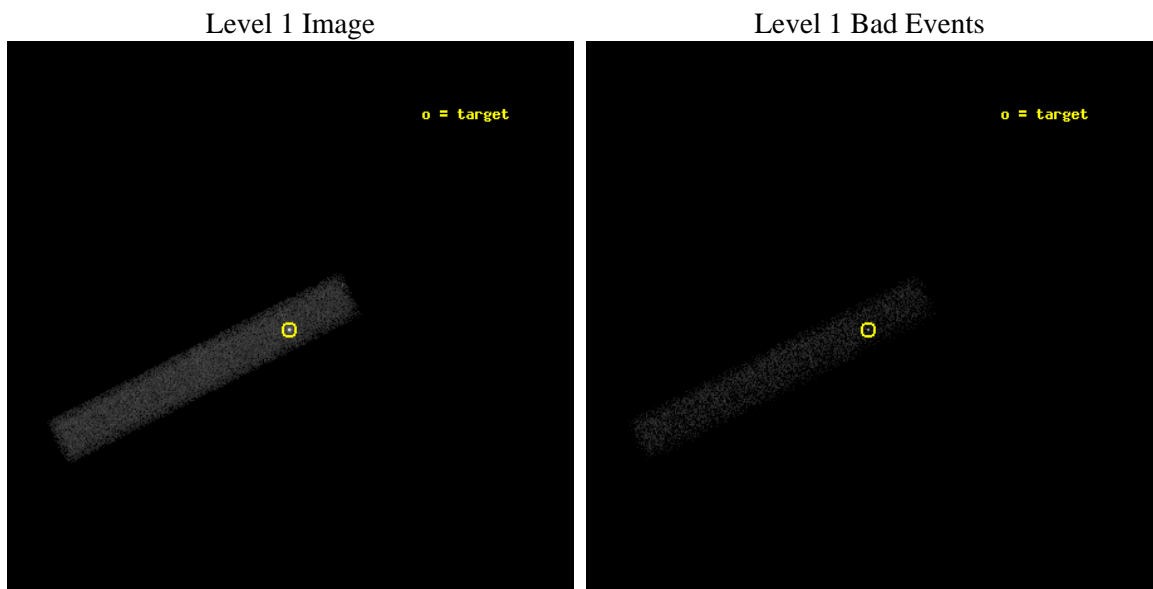
seq_num	500569	Sequence number
obs_id	5580	Observation id
title	Chandra AO6 Monitoring Images of SNR1987A	Proposal title
observer	Prof. David Burrows	Principal investigator
object	SNR1987A	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	83.866667	Observer's specified target RA [deg]
dec_targ	-69.26975	Observer's specified target Dec [deg]
ra_nom	83.865655077189	Nominal RA [deg]
dec_nom	-69.267696248201	Nominal Dec [deg]
roll_nom	153.15568451356	Nominal Roll [deg]
revision	3	Processing version of data
ontime	26185.600390166	Sum of GTIs [s]
livetime	23748.957364562	Livetime [s]
ontime7	26185.600390166	Sum of GTIs [s]
l2events	32985	Number of level 2 events



2 OBI

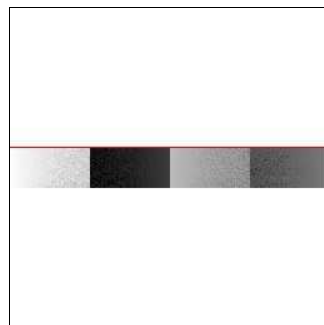
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	26000.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	26185.600390166	Sum of GTIs [s]
caldbver	4.5.5	 	ontime7	26185.600390166	Sum of GTIs [s]
date	2012-12-26T00:30:16	Date and time of file creation	l1events	54198	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

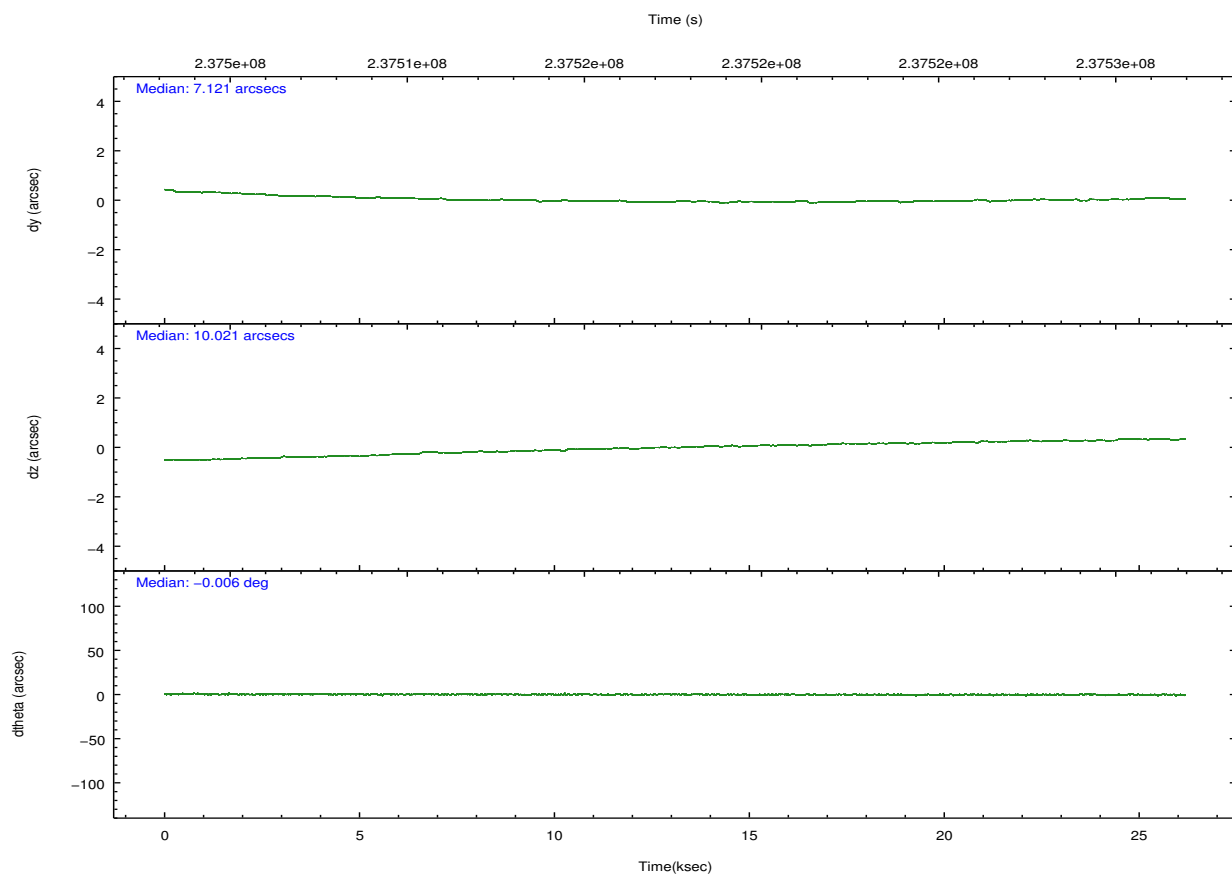
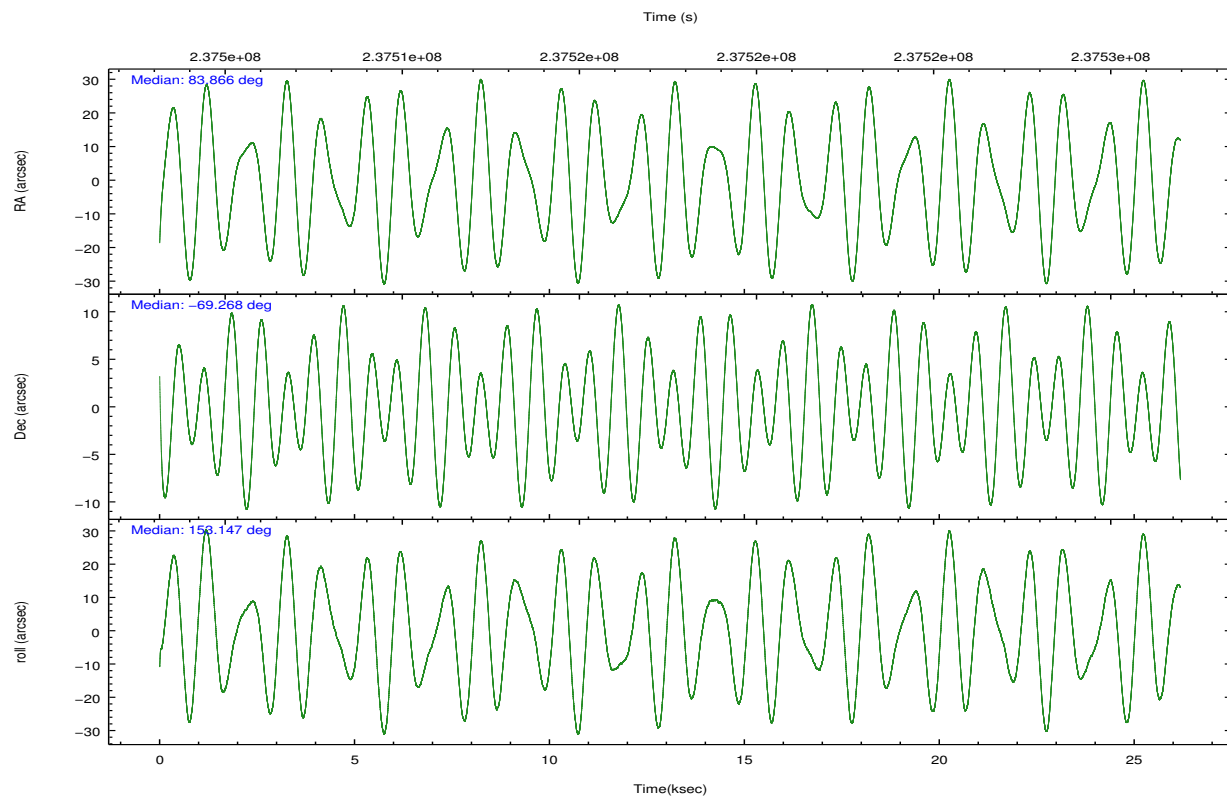
	ccd 7
level 1 events	54198
rejected events	20548
rejected %	37%

	ccd 7
grade 0 events	6928
	12%
grade 1 events	137
	0%
grade 2 events	7936
	14%
grade 3 events	4230
	7%
grade 4 events	4158
	7%
grade 5 events	3671
	6%
grade 6 events	10839
	19%
grade 7 events	16299
	30%

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	83.86565507718925	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-69.265824	-69.26769624820115	Subarray start row	449	449
[deg] Pointing Roll	153.070847	153.1556845135614	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)	237504652.184000	237503683.85248			
Observation start date	2005-07-11T21:29:48	2005-07-11T21:14:43			
[s] Observation end time (MET)	237530652.184000	237531398.82875			
Observation end date	2005-07-12T04:43:08	2005-07-12T04:56:38			
Read mode	TIMED	TIMED			

2.3 Aspect

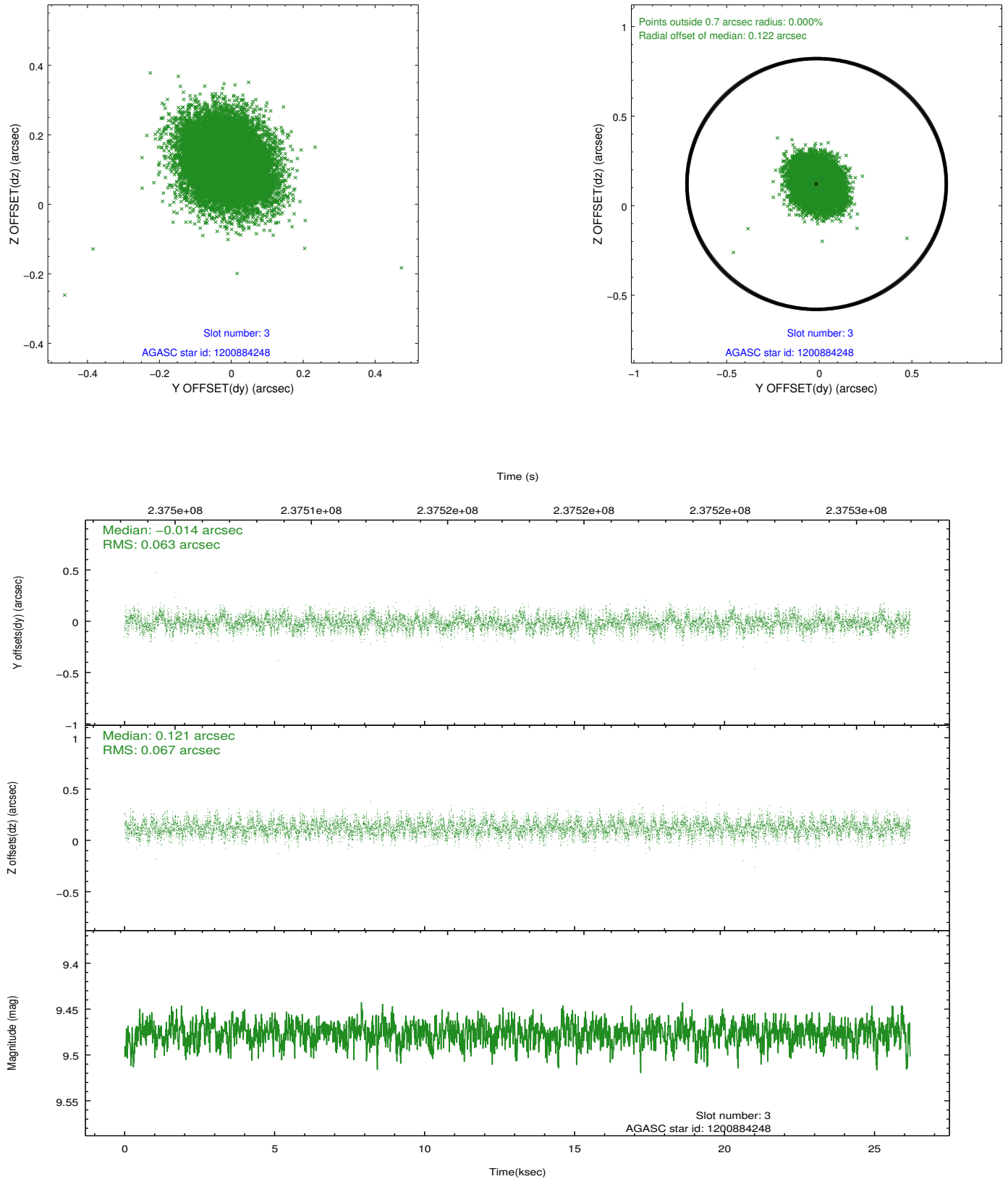


Slot Statistics

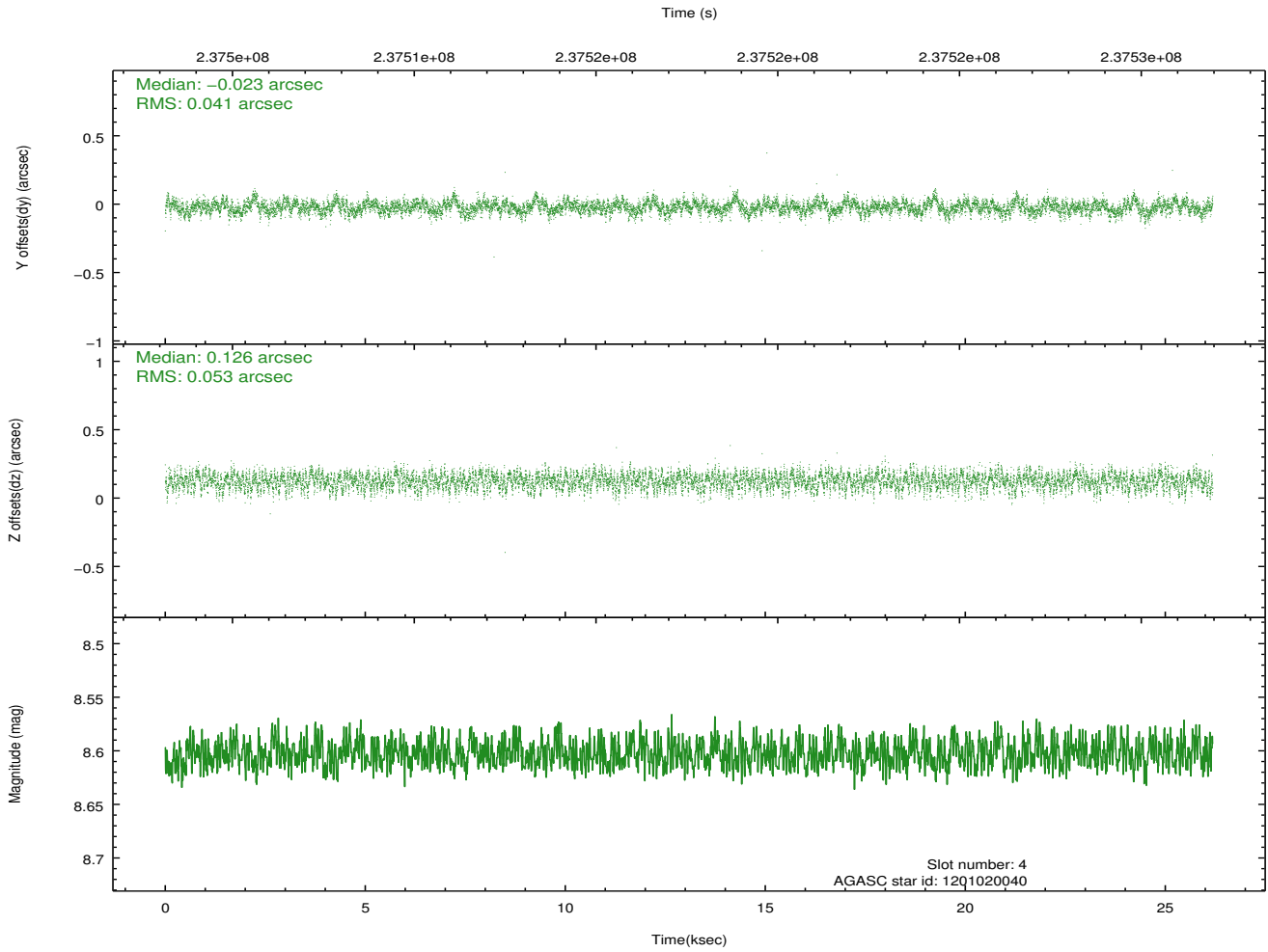
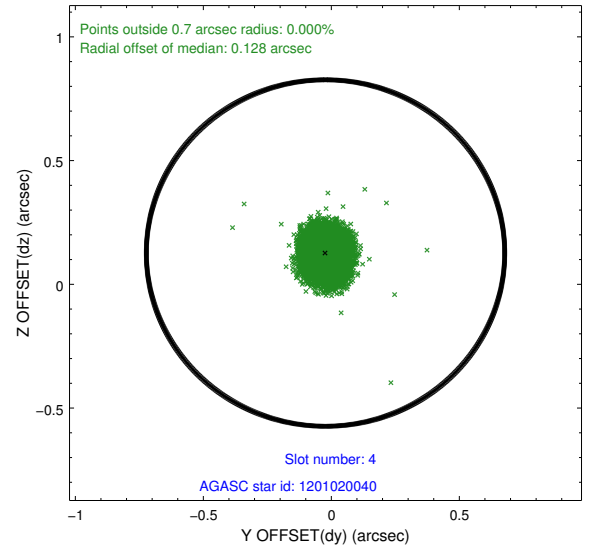
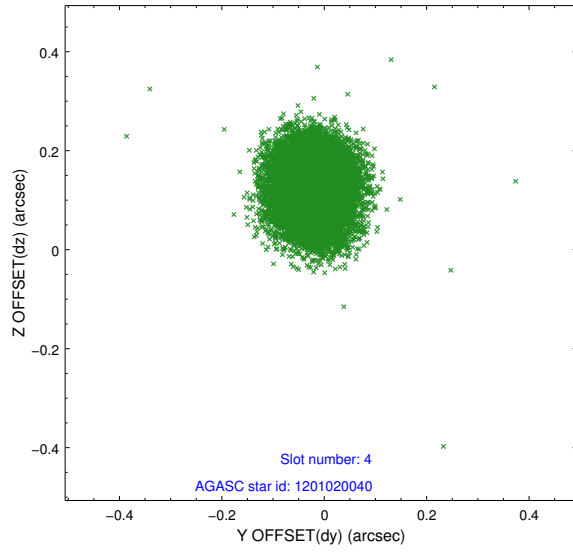
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	6387	0.004	-0.023	0.016	0.024	0.000000	0.000000	936.13	-1726.88
1	FID	ACIS-S-4	7.21	6387	0.066	0.019	0.013	0.020	0.000000	0.000000	2153.65	177.22
2	FID	ACIS-S-5	7.23	6388	-0.097	0.018	0.009	0.017	0.000000	0.000000	-1812.72	170.90
3	GUIDE	1200884248	9.48	12762	-0.014	0.121	0.099	0.157	83.880915	-68.565170	1214.97	-2211.53
4	GUIDE	1201020040	8.60	12770	-0.023	0.126	0.071	0.113	85.379163	-68.879396	-1040.79	-2064.54
5	GUIDE	1201542672	8.19	12774	0.045	-0.187	0.072	0.118	84.492488	-69.957531	-1734.26	1914.45
6	GUIDE	1201019672	6.83	12775	-0.101	0.035	0.043	0.069	85.312192	-68.770187	-792.53	-2381.11
7	GUIDE	1201540776	9.59	12750	0.093	-0.092	0.103	0.168	85.107945	-69.858480	-2260.58	1260.10

2.4 Star Slots

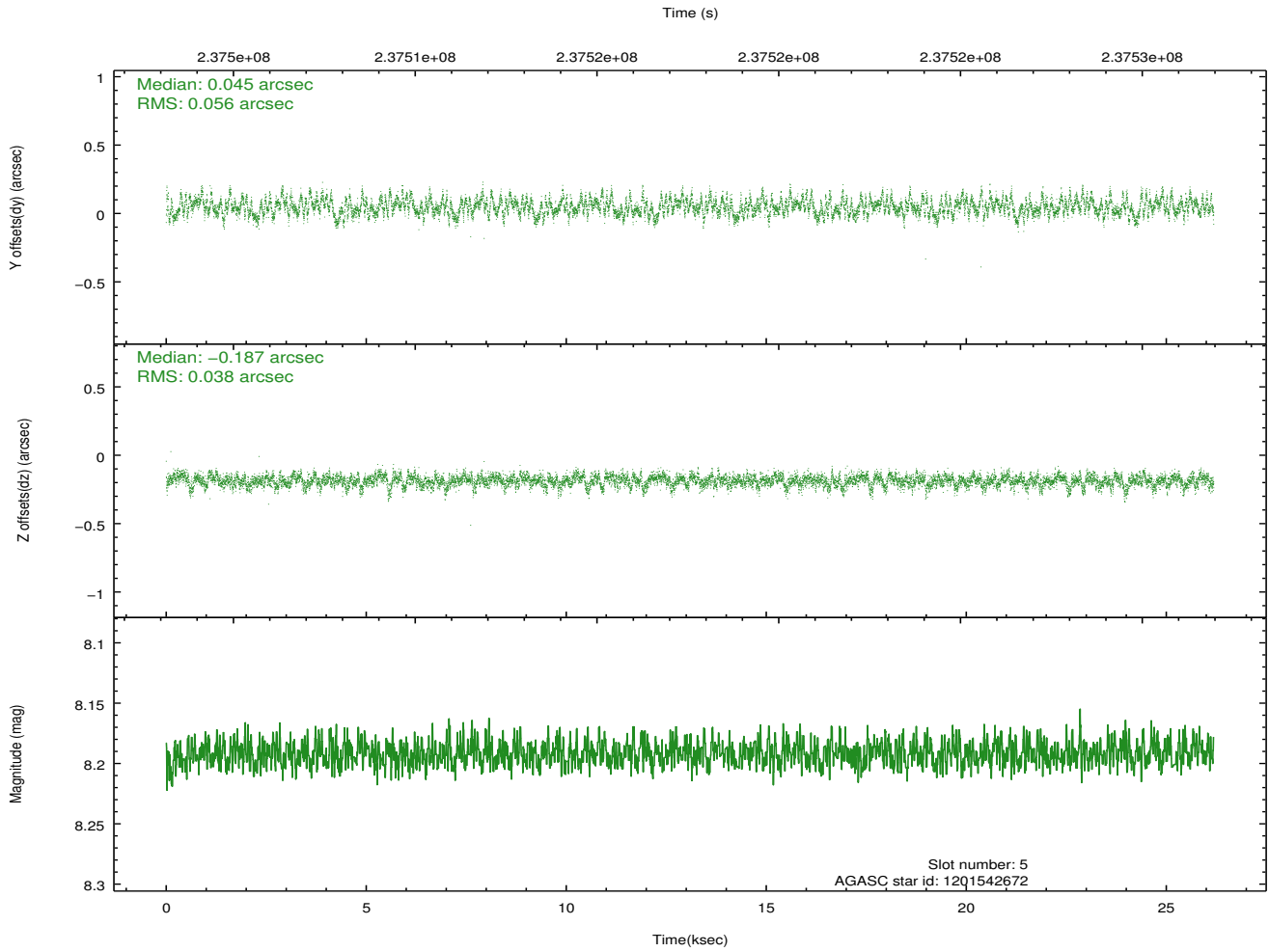
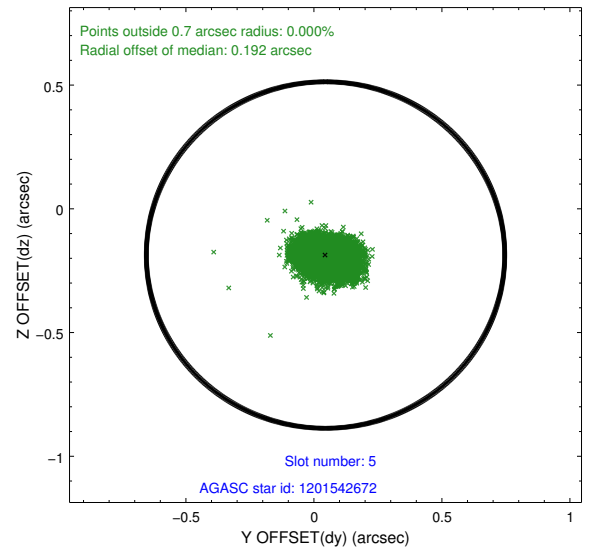
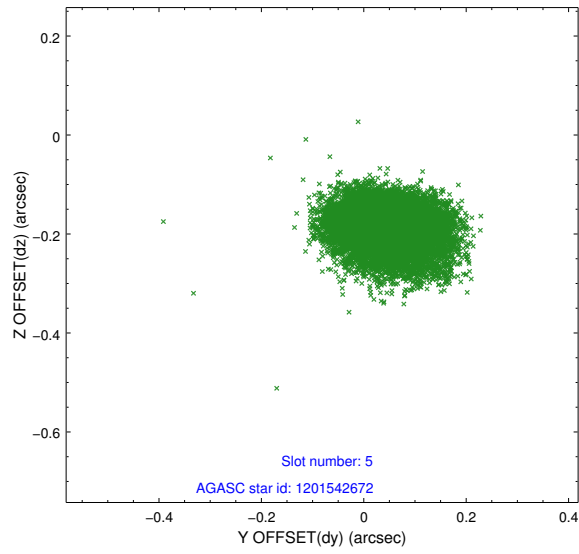
2.4.1 Slot 3



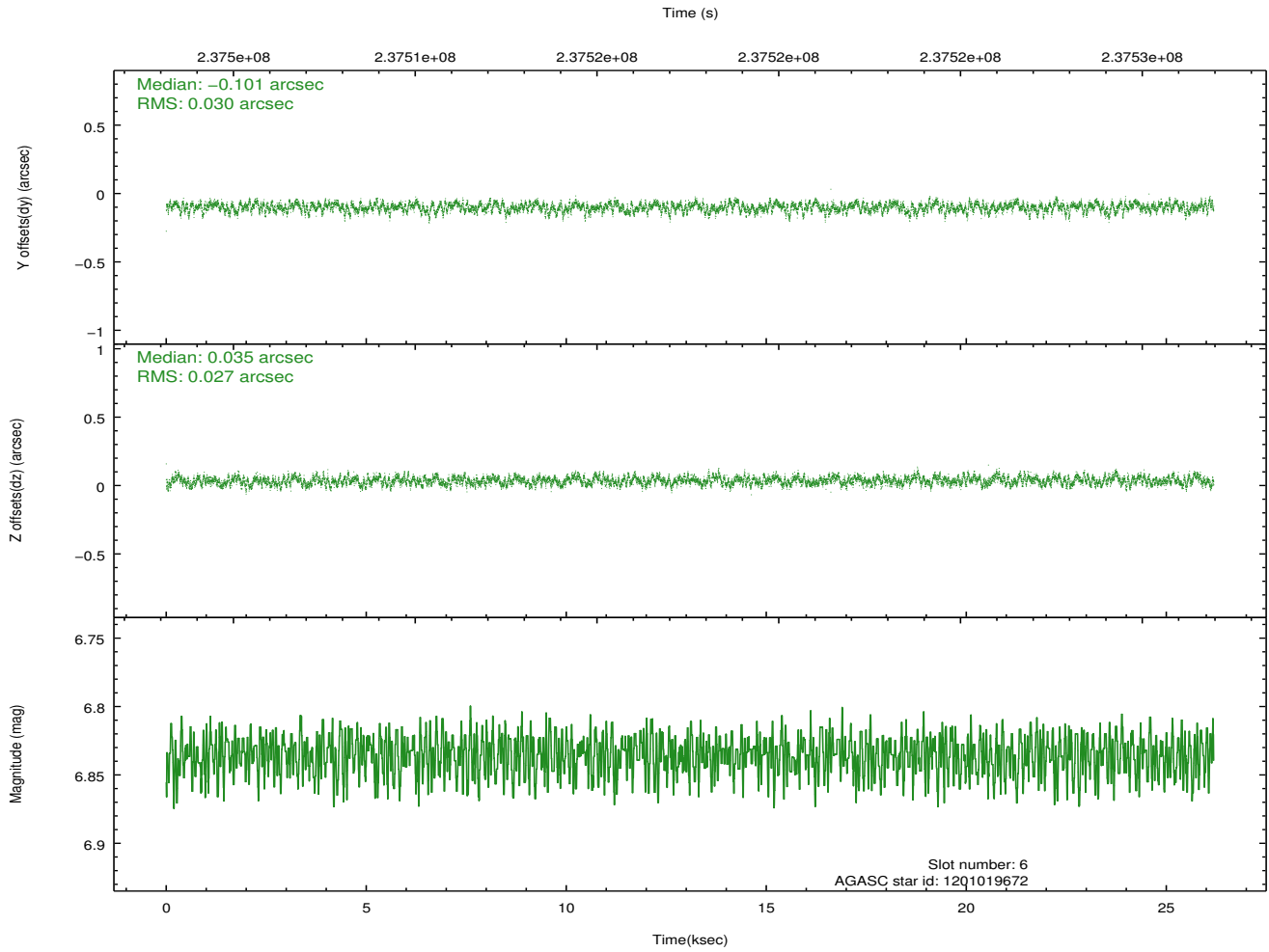
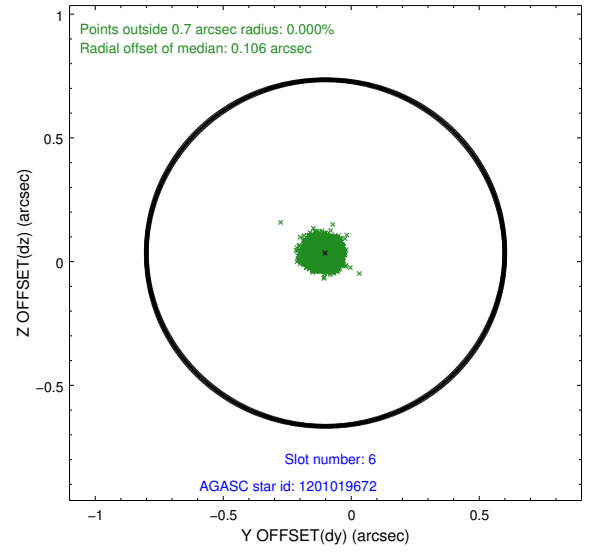
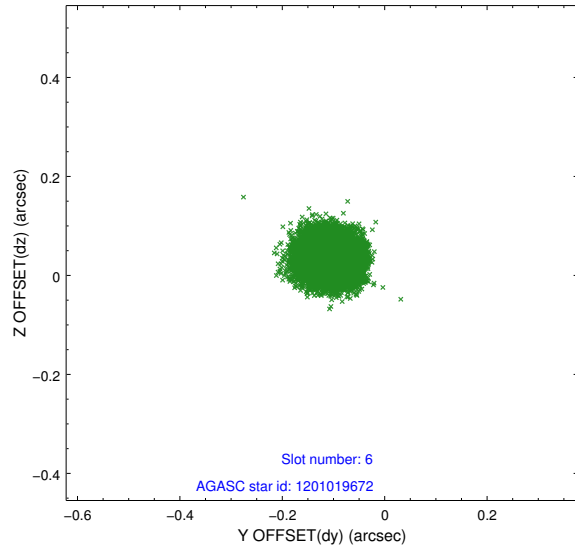
2.4.2 Slot 4



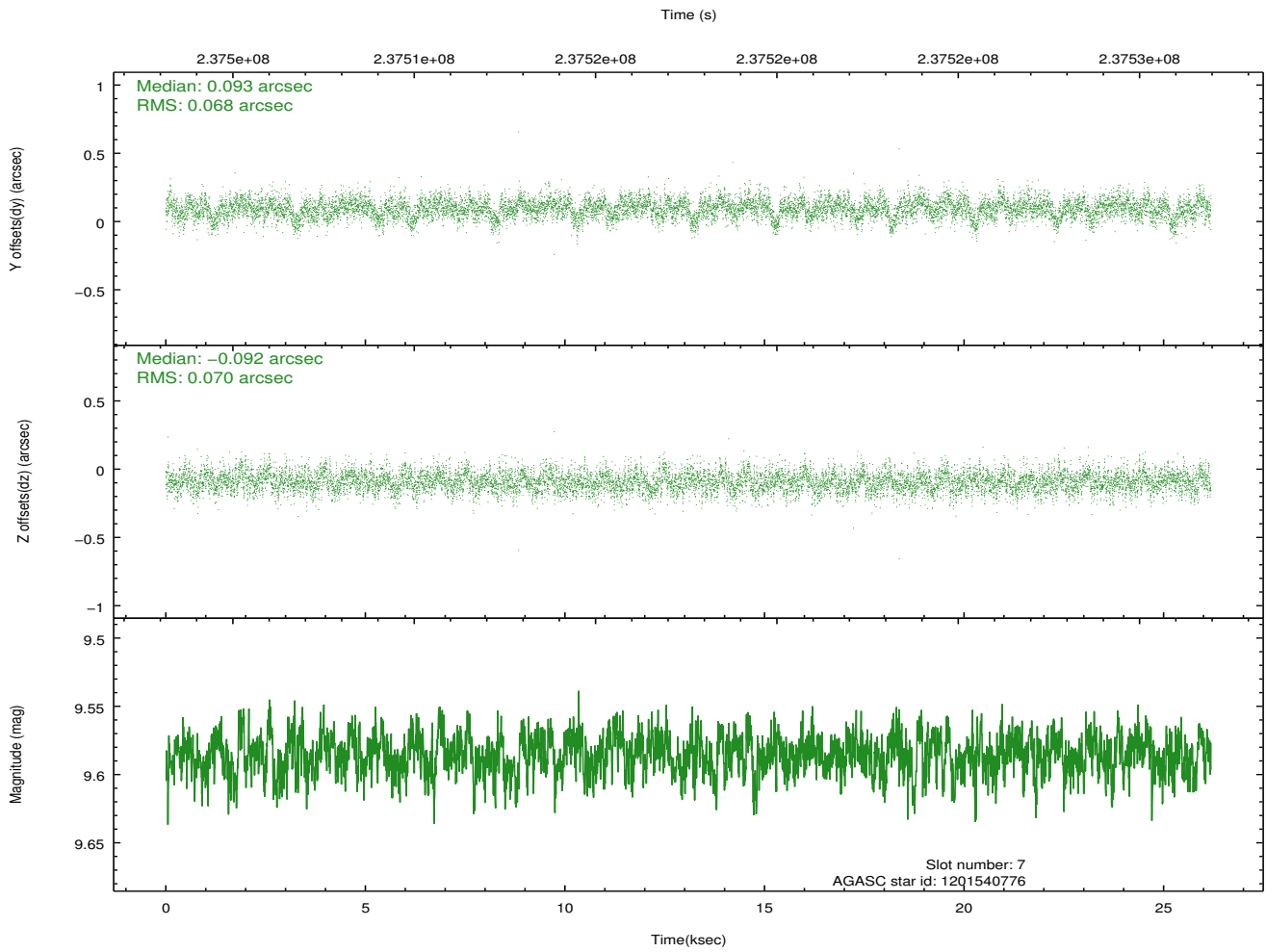
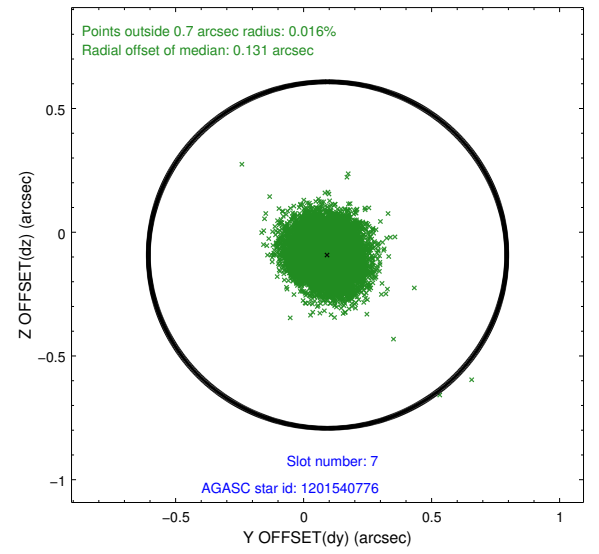
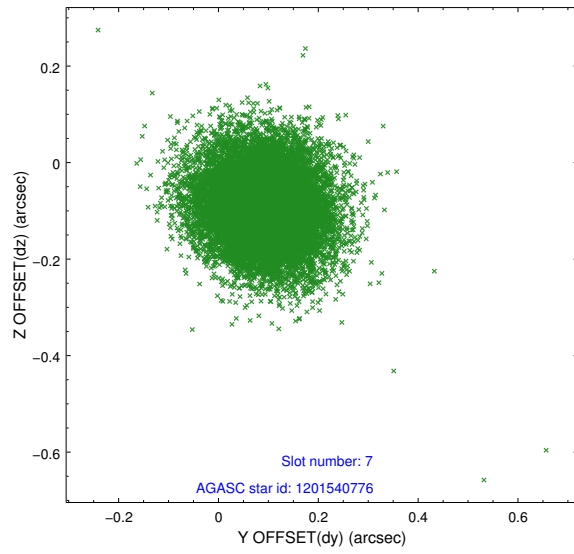
2.4.3 Slot 5



2.4.4 Slot 6

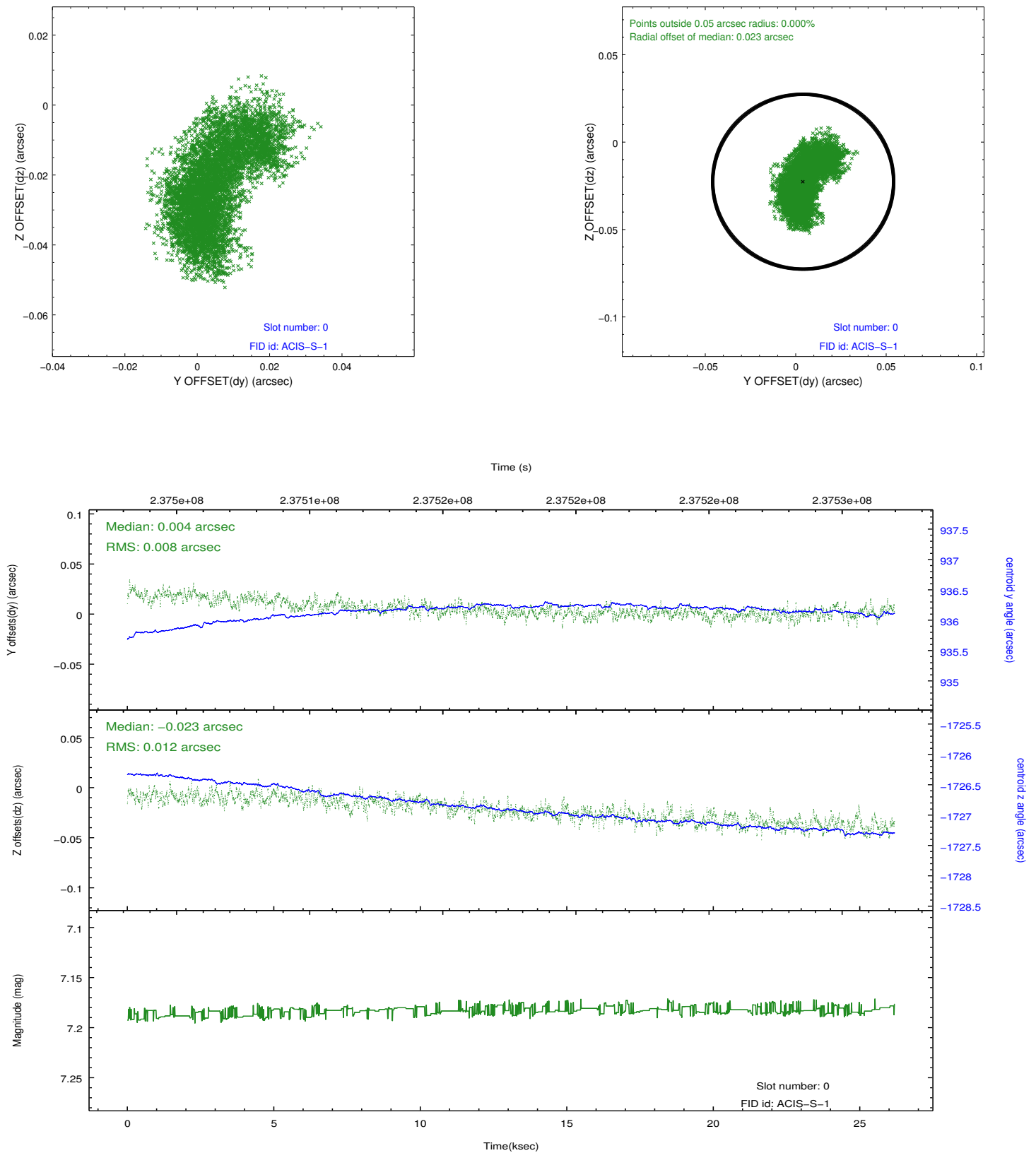


2.4.5 Slot 7

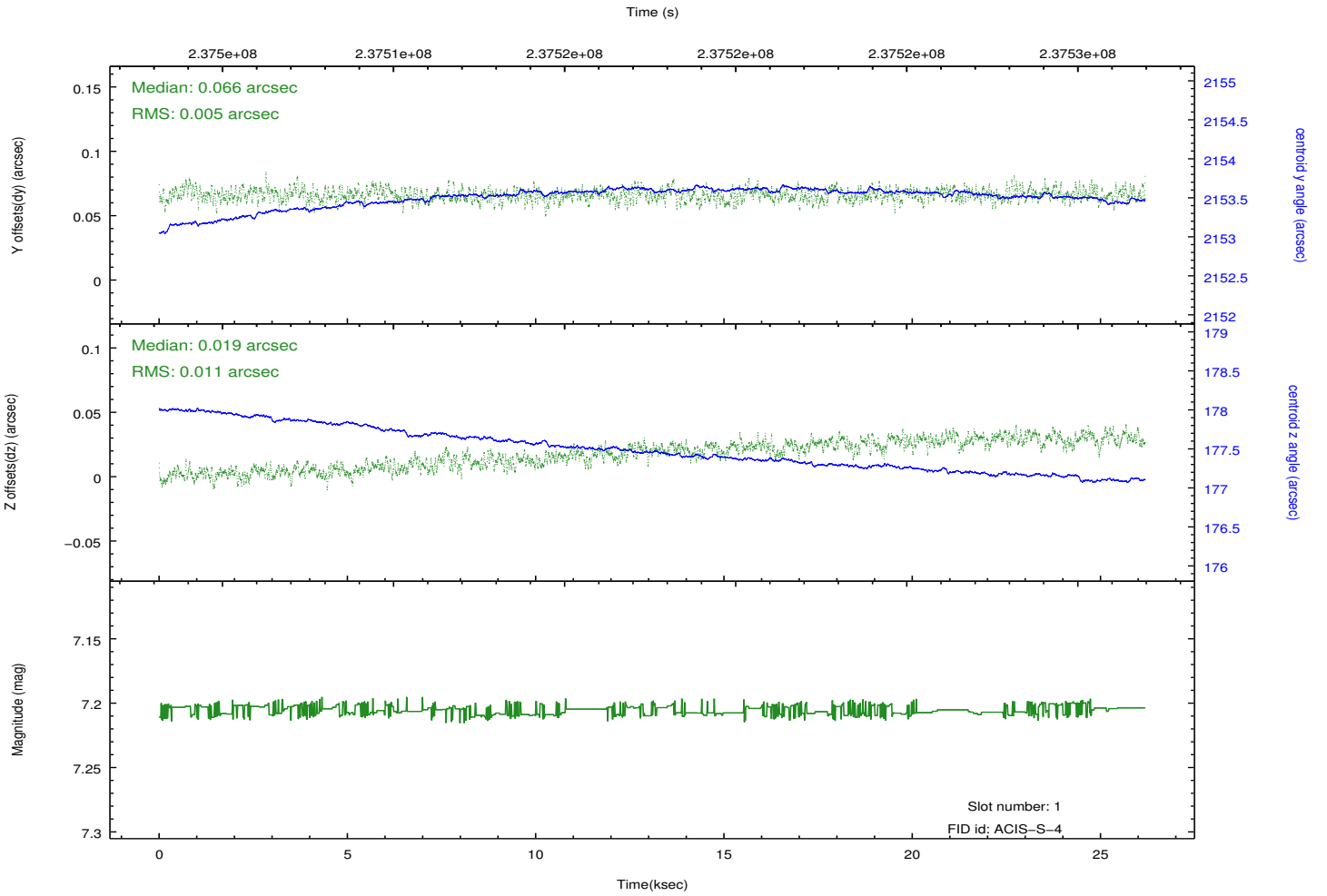
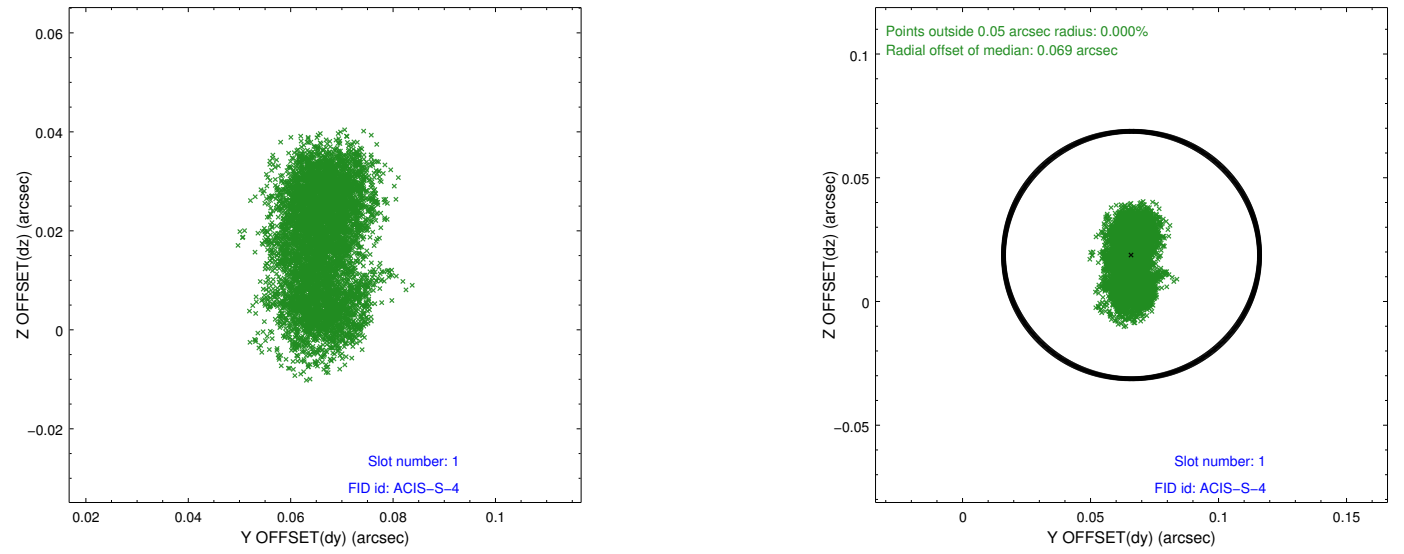


2.5 FID Slots

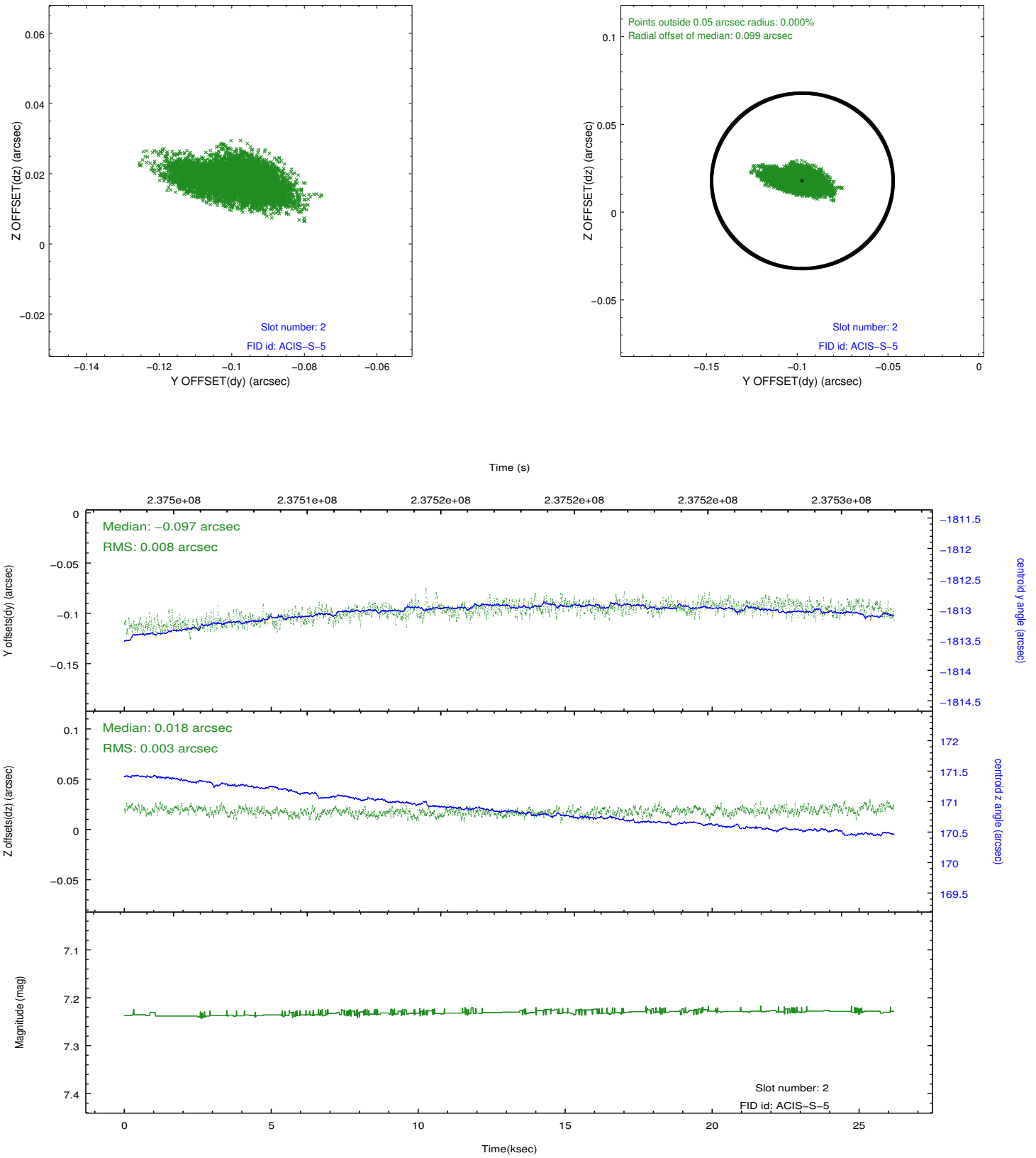
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.01.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	26.1856

A.2 Comments