

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4889 - L2 Version 3
Chandra X-Ray Center

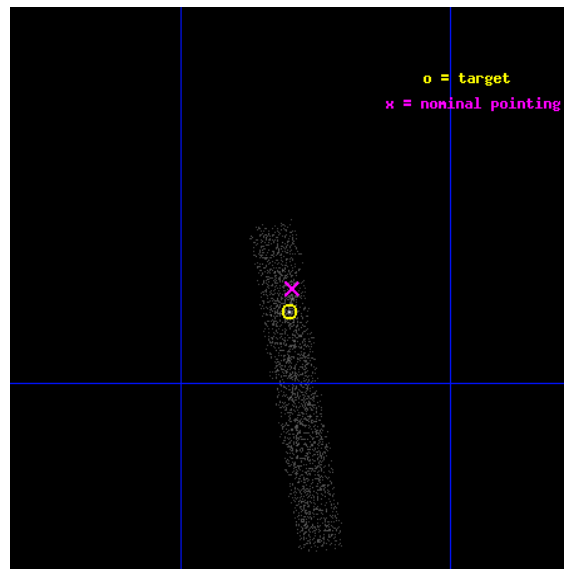
L2 Processing Date : Nov 10 2012

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1 Front

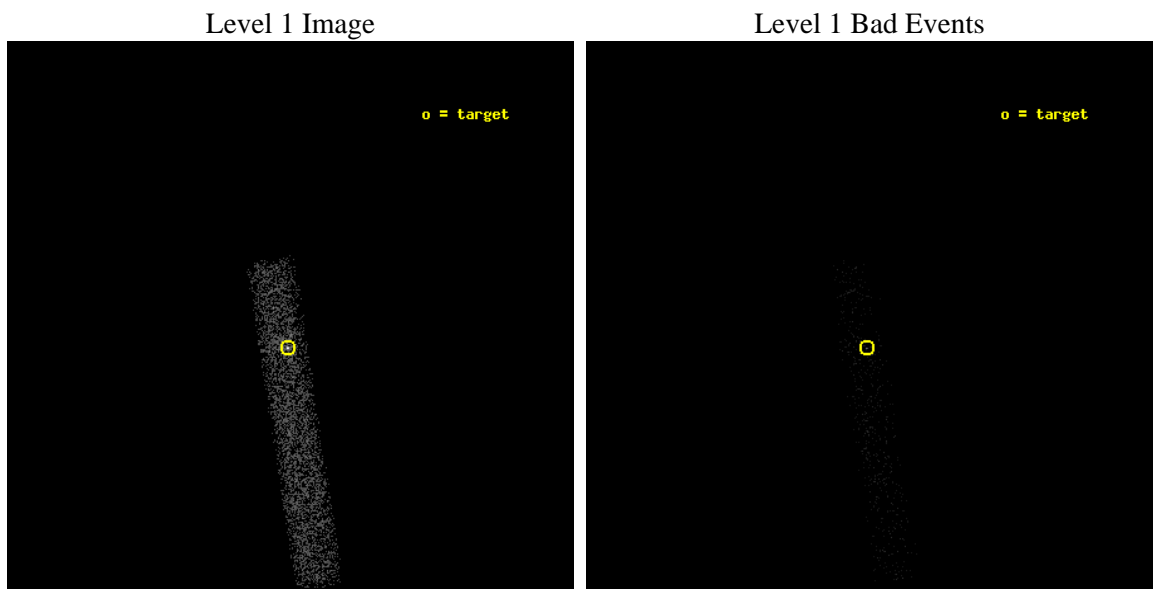
seq_num	700971	Sequence number
obs_id	4889	Observation id
title	Continuing a Flux-limited Survey for X-ray Emission from Radio Jets	
observer	Dr. Herman Marshall	Principal investigator
object	1055+201	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	164.574583	Observer's specified target RA [deg]
dec_targ	19.864139	Observer's specified target Dec [deg]
ra_nom	164.57341235806	Nominal RA [deg]
dec_nom	19.87403860659	Nominal Dec [deg]
roll_nom	81.305022177455	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5175.6000770926	Sum of GTIs [s]
livetime	4693.9960793512	Livetime [s]
ontime7	5175.6000770926	Sum of GTIs [s]
l2events	3679	Number of level 2 events



2 OBI

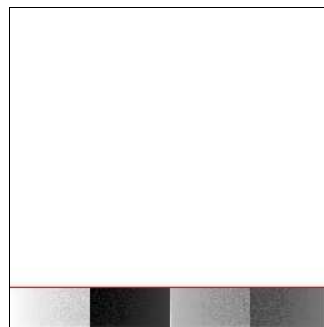
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5175.6000770926	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	5175.6000770926	Sum of GTIs [s]
date	2012-11-10T22:00:06	Date and time of file creation	l1events	8231	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

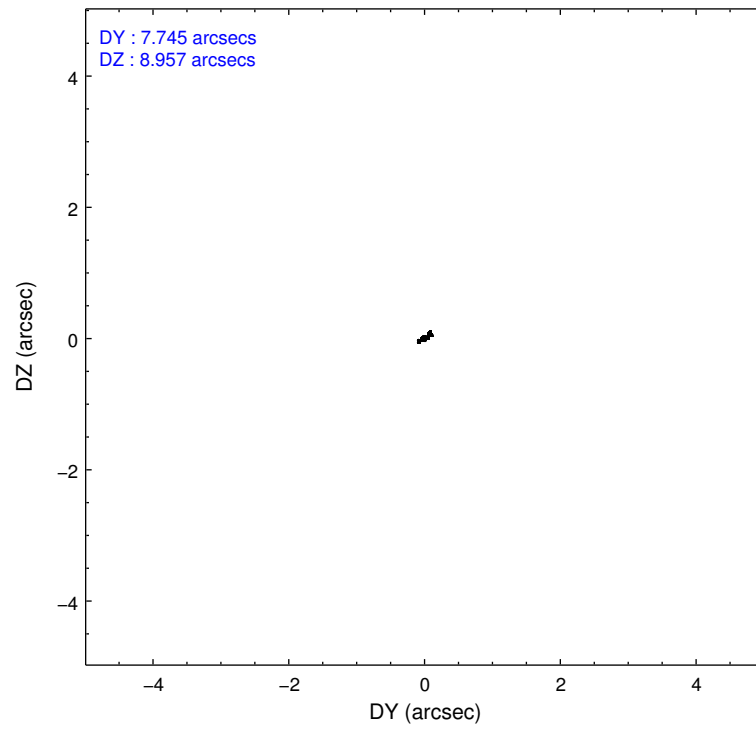
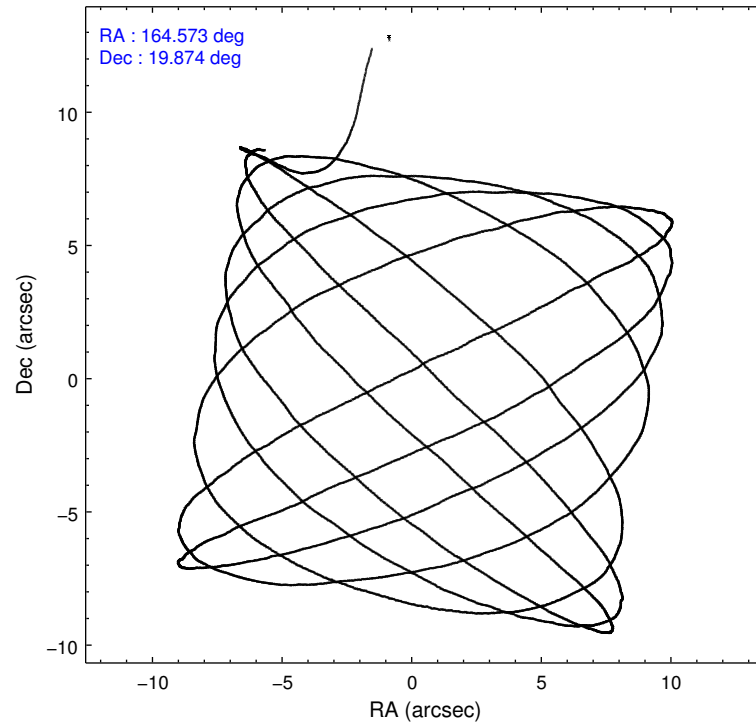
	ccd 7
level 1 events	8231
rejected events	4461
rejected %	54%

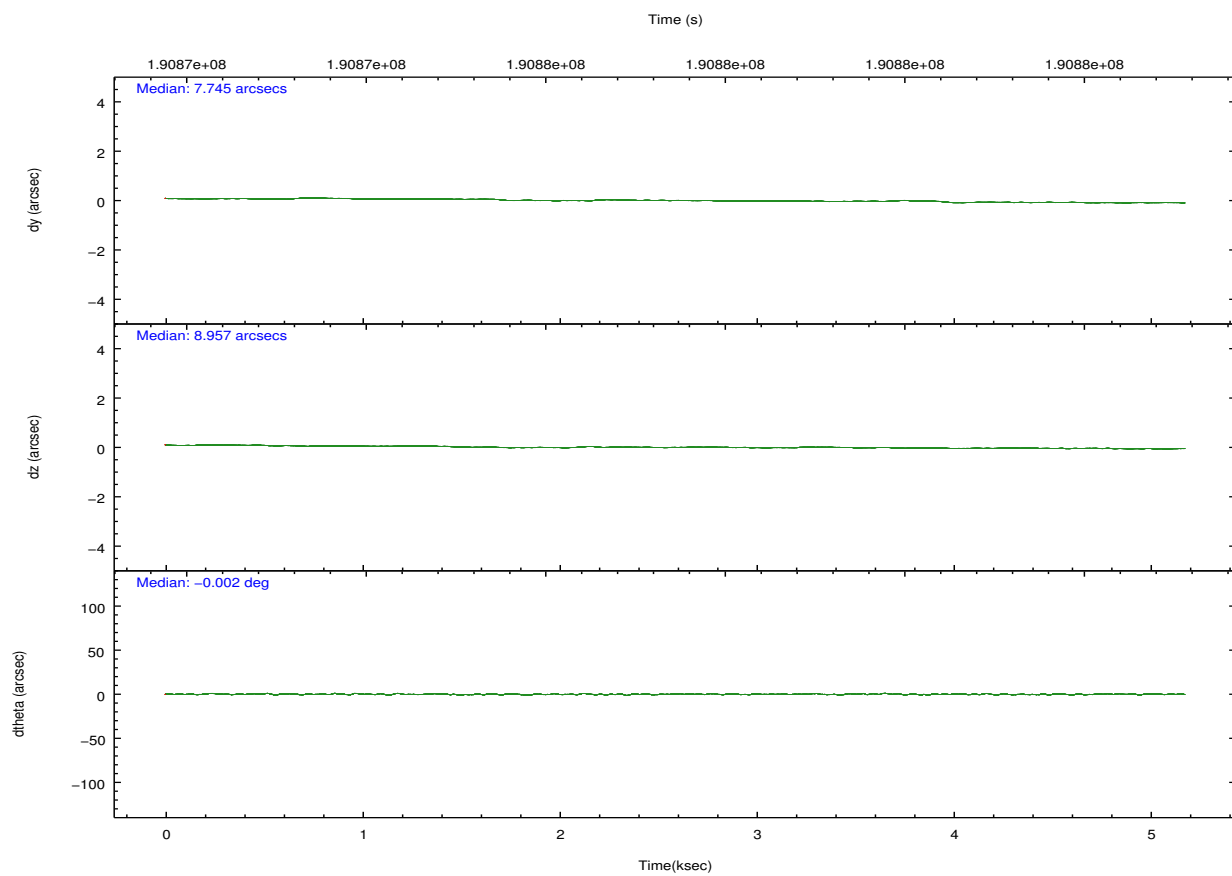
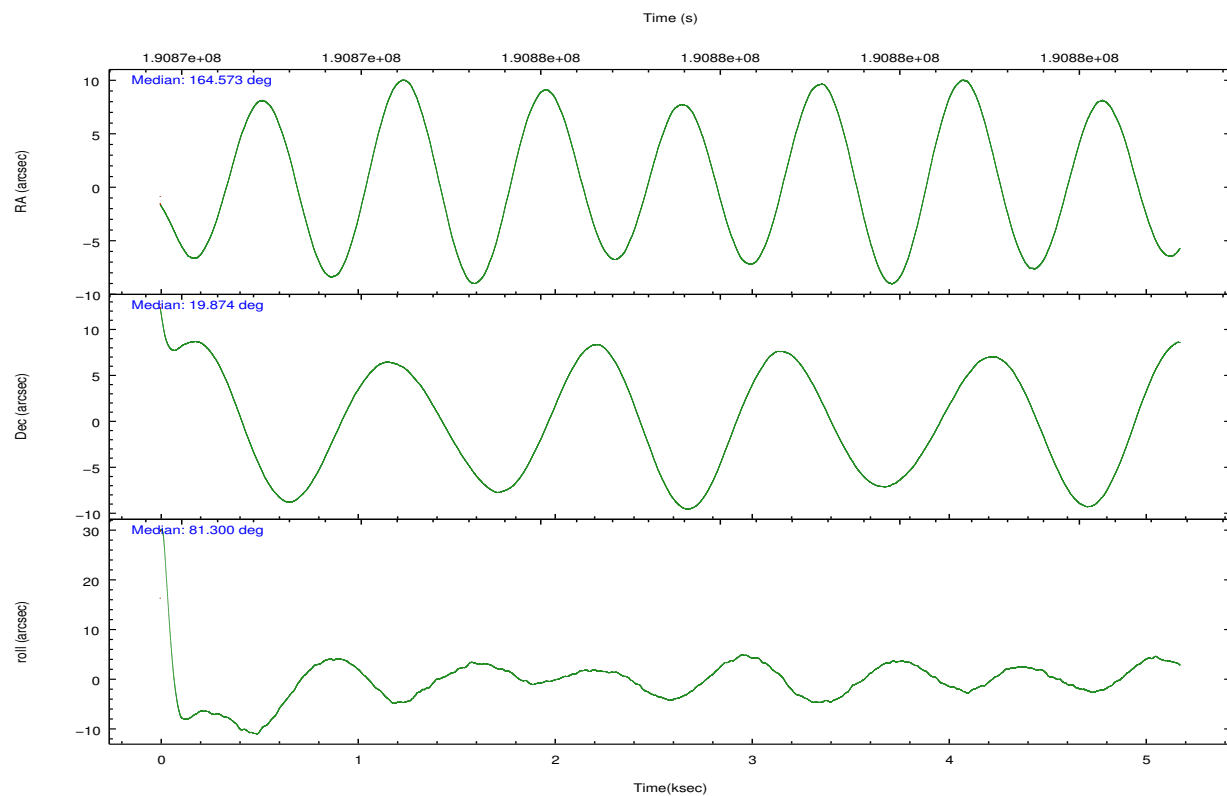
	ccd 7
grade 0 events	635
	7%
grade 1 events	8
	0%
grade 2 events	852
	10%
grade 3 events	502
	6%
grade 4 events	532
	6%
grade 5 events	629
	7%
grade 6 events	1804
	21%
grade 7 events	3269
	39%

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	164.584400	164.5734123580608	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	19.848705	19.87403860658974	Subarray start row	1	1
[deg] Pointing Roll	81.144543	81.30502217745514	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	-178.632523	-178.6370735452349			
[mm] SIM translation stage offset	-11.5	-11.49544903777291			
[s] Observation start time (MET)	190873306.184000	190871996.59131			
Observation start date	2004-01-19T04:20:42	2004-01-19T03:59:56			
[s] Observation end time (MET)	190878306.184000	190879026.55411			
Observation end date	2004-01-19T05:44:02	2004-01-19T05:57:06			
Read mode	TIMED	TIMED			

2.3 Aspect



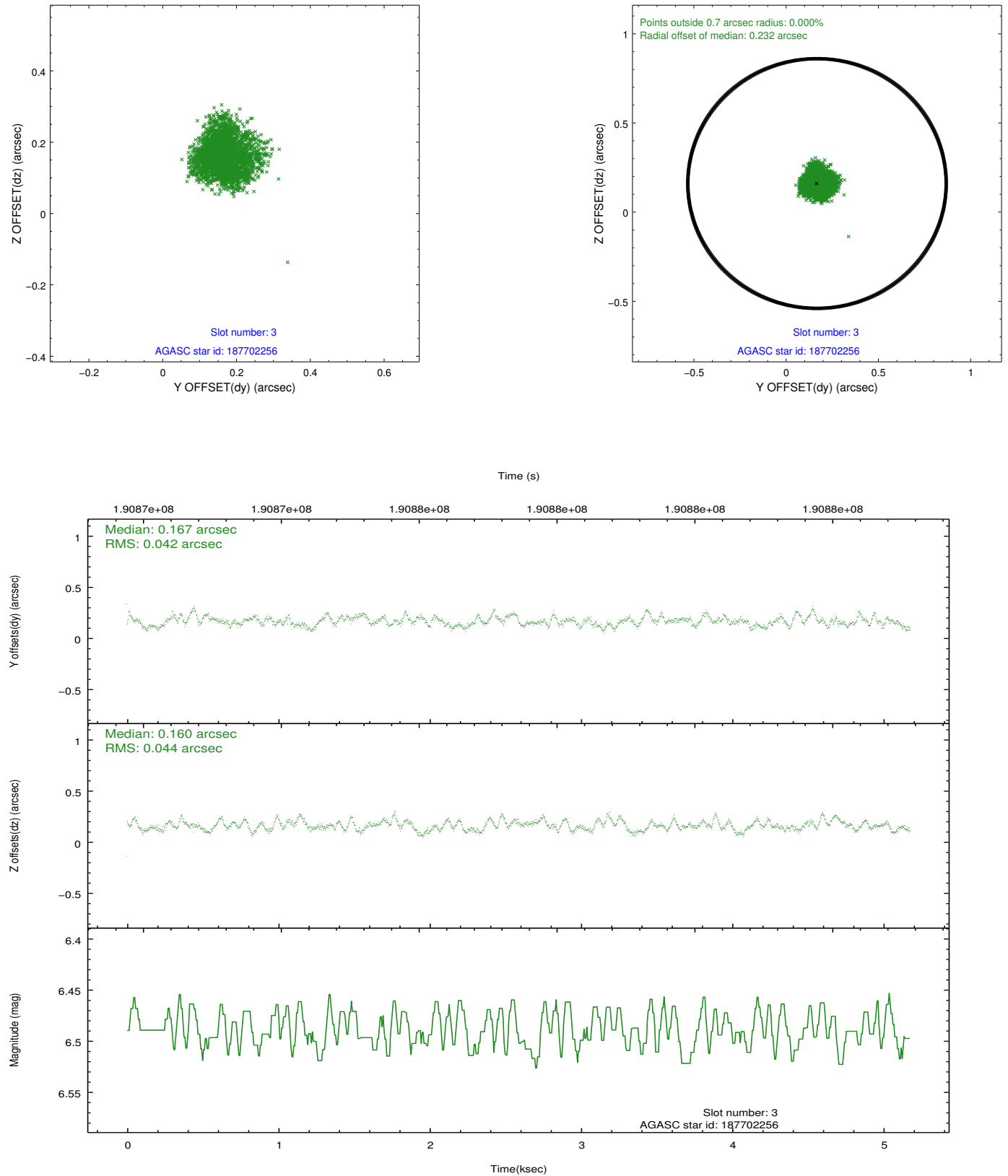


Slot Statistics

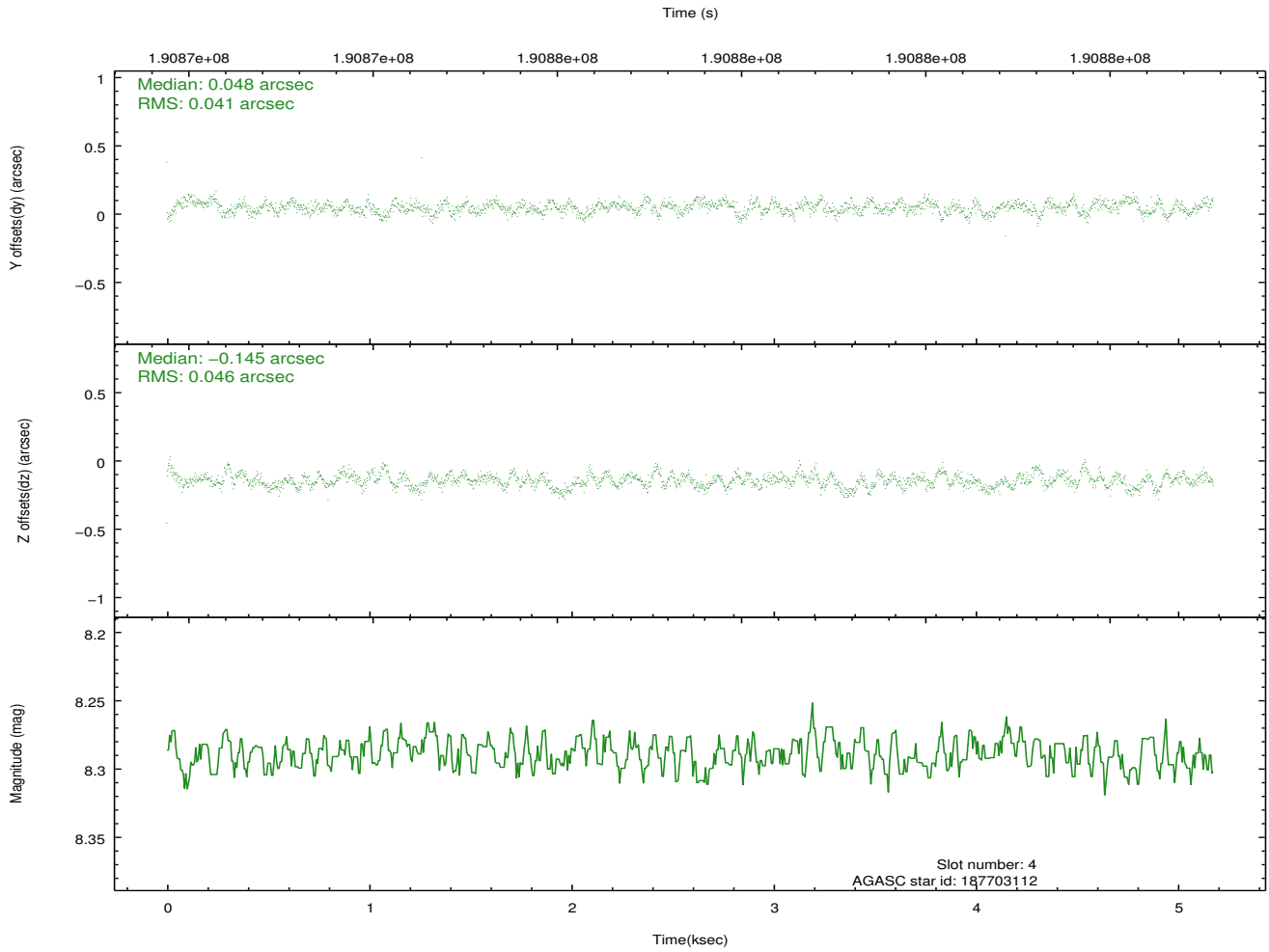
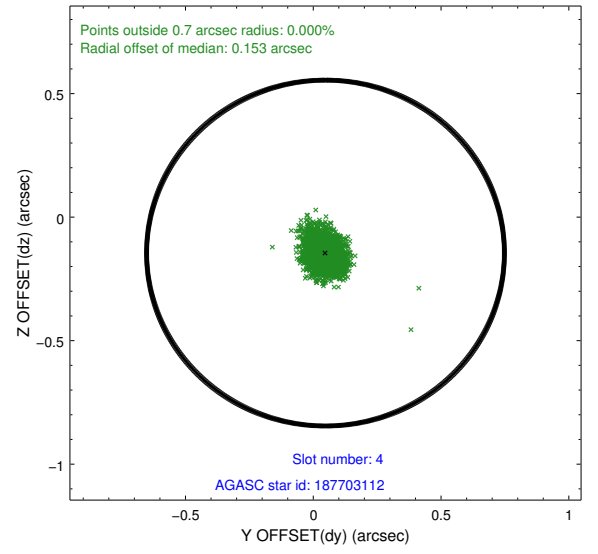
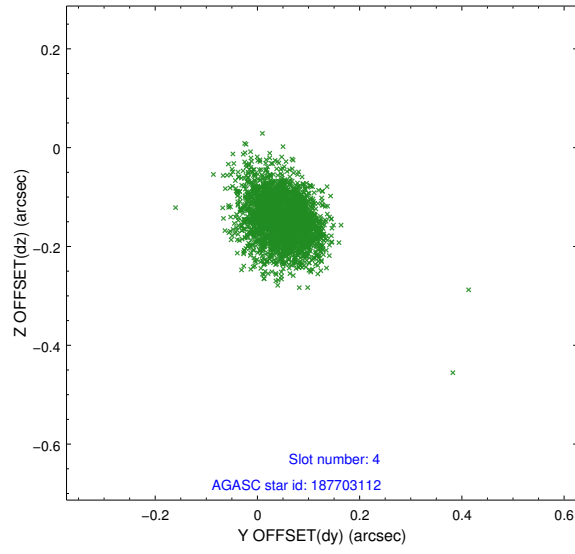
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	1263	0.104	0.086	0.006	0.011	0.000000	0.000000	936.37	-1962.41
1	FID	ACIS-S-5	7.23	1263	-0.076	0.131	0.006	0.009	0.000000	0.000000	-1812.04	-66.08
2	FID	ACIS-S-6	7.42	1263	-0.049	-0.206	0.006	0.011	0.000000	0.000000	400.65	578.75
3	GUIDE	187702256	6.49	2526	0.167	0.160	0.067	0.102	164.656317	19.622049	-768.73	-366.81
4	GUIDE	187703112	8.29	2525	0.048	-0.145	0.064	0.106	164.028729	19.725386	-726.22	1792.03
5	GUIDE	187703696	9.21	2526	-0.124	0.052	0.083	0.133	164.962025	19.745886	-167.89	-1320.53
6	GUIDE	188089528	9.77	2525	-0.034	0.071	0.107	0.175	164.059332	20.062917	490.90	1872.85
7	GUIDE	187695976	9.44	2524	-0.055	-0.142	0.132	0.199	163.910513	19.999804	190.72	2337.41

2.4 Star Slots

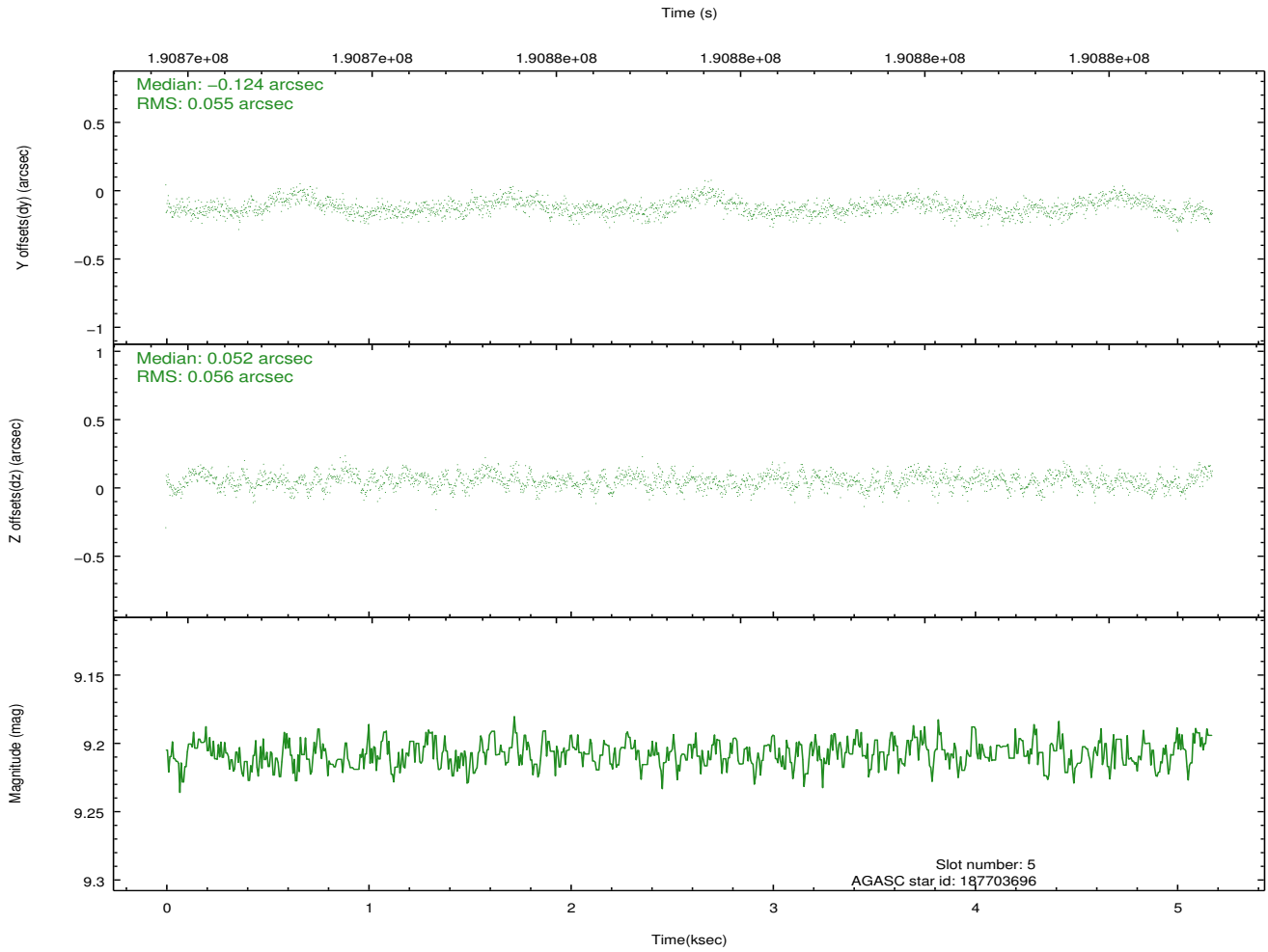
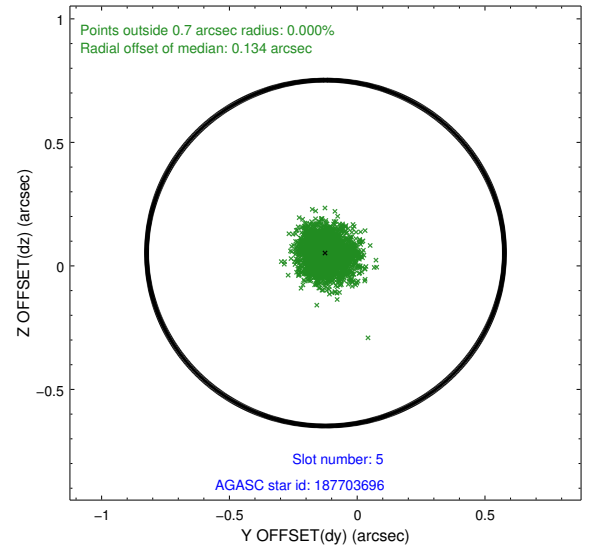
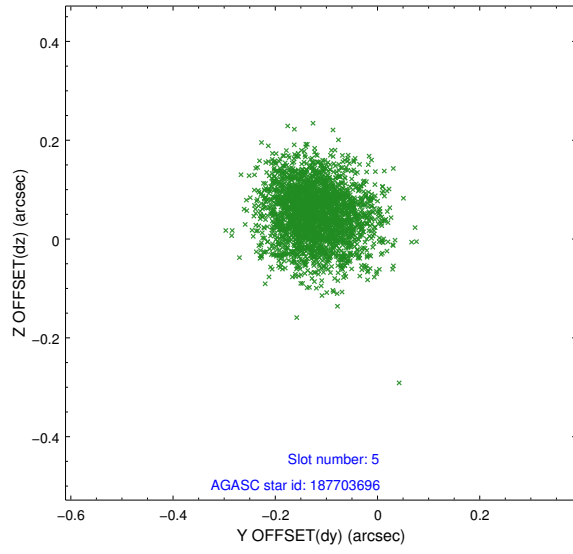
2.4.1 Slot 3



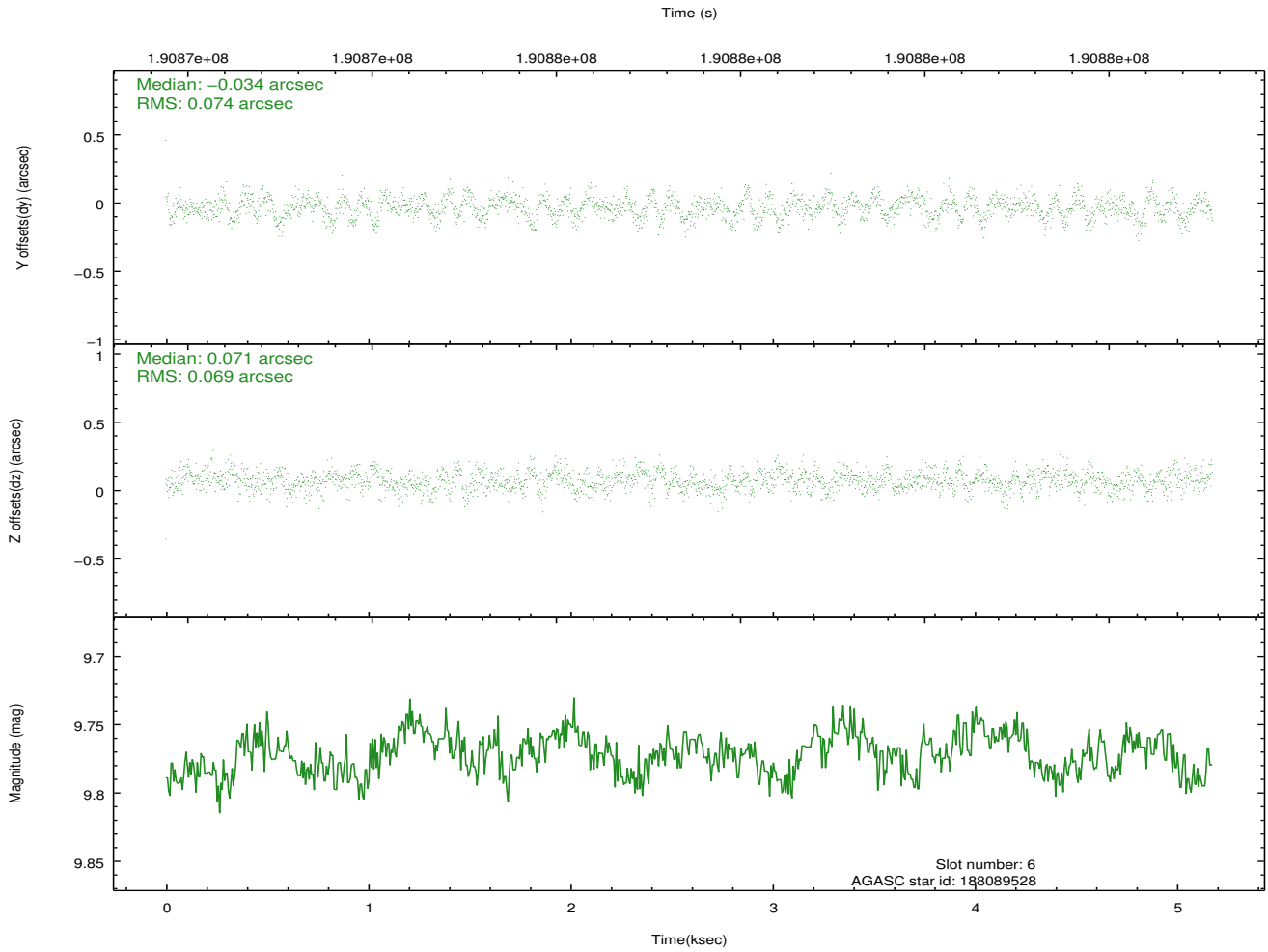
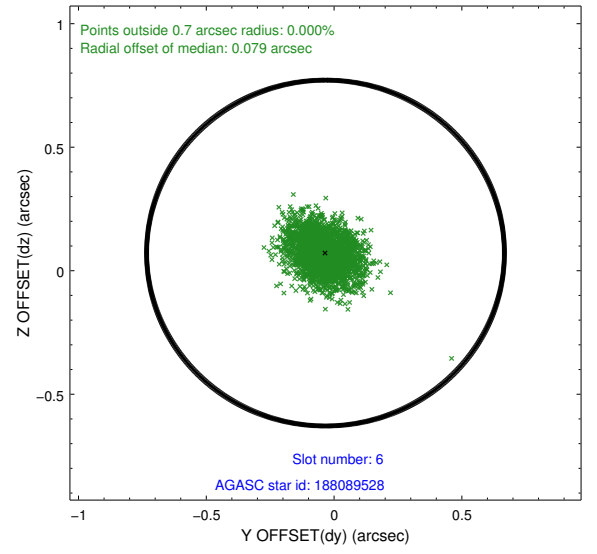
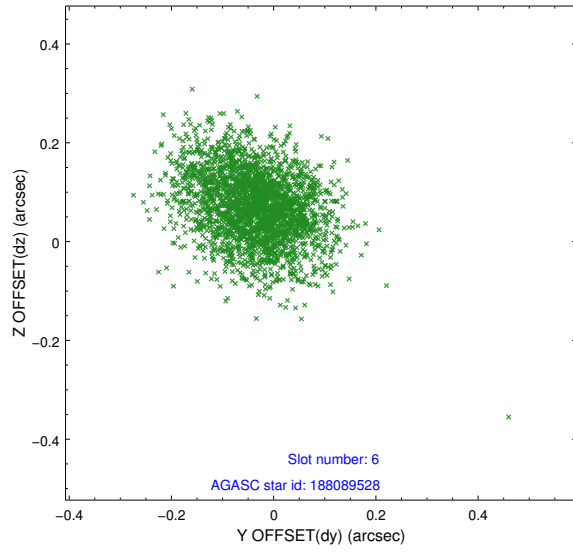
2.4.2 Slot 4



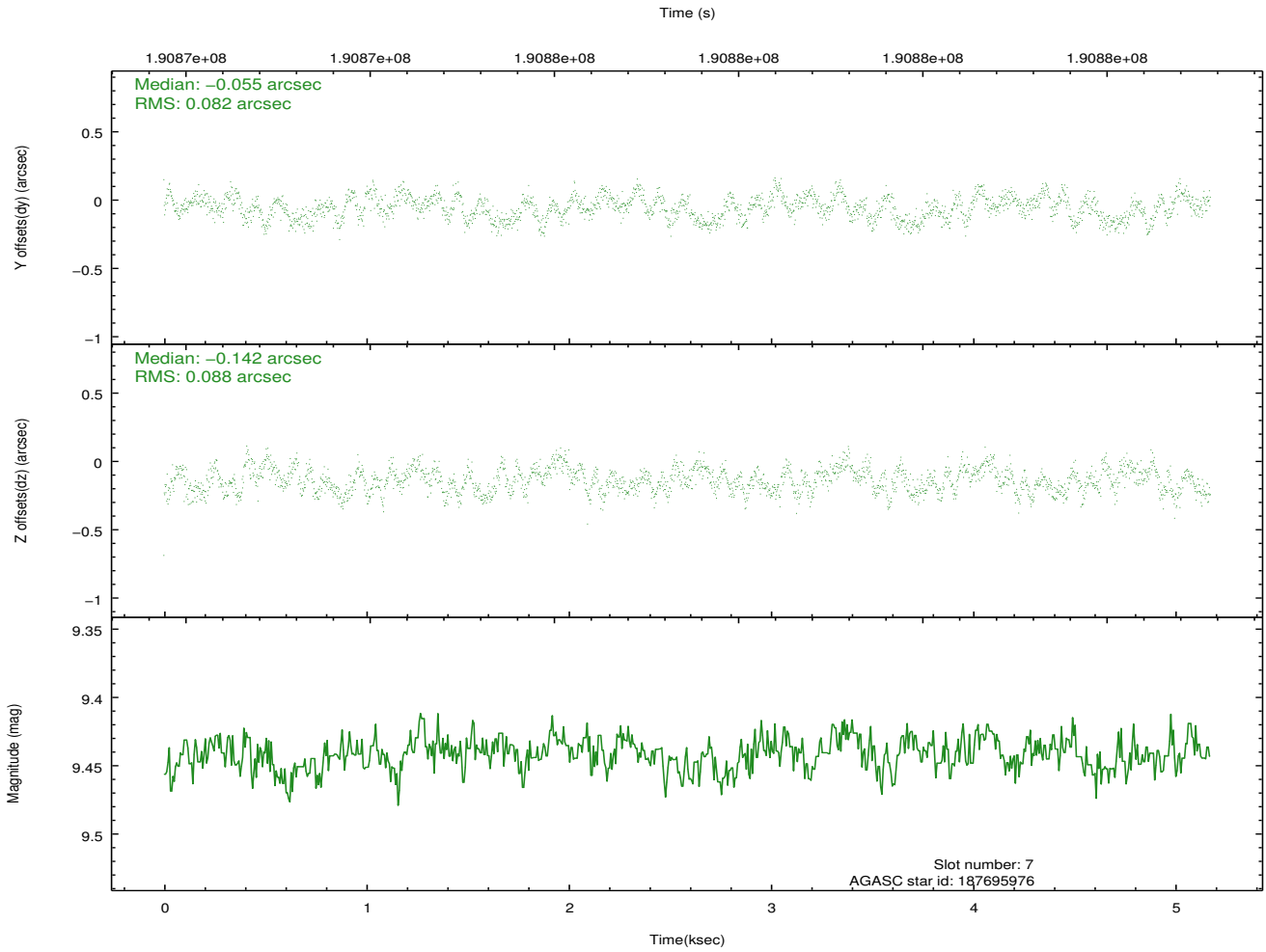
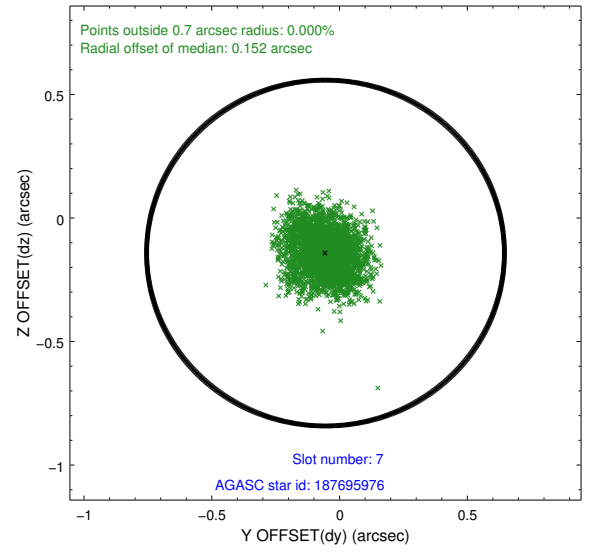
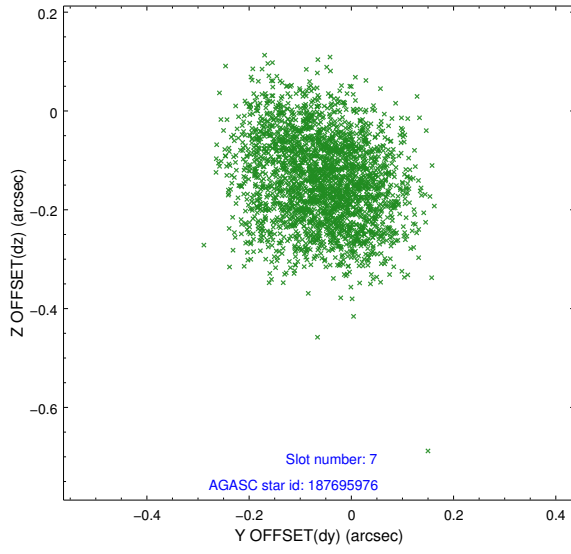
2.4.3 Slot 5



2.4.4 Slot 6

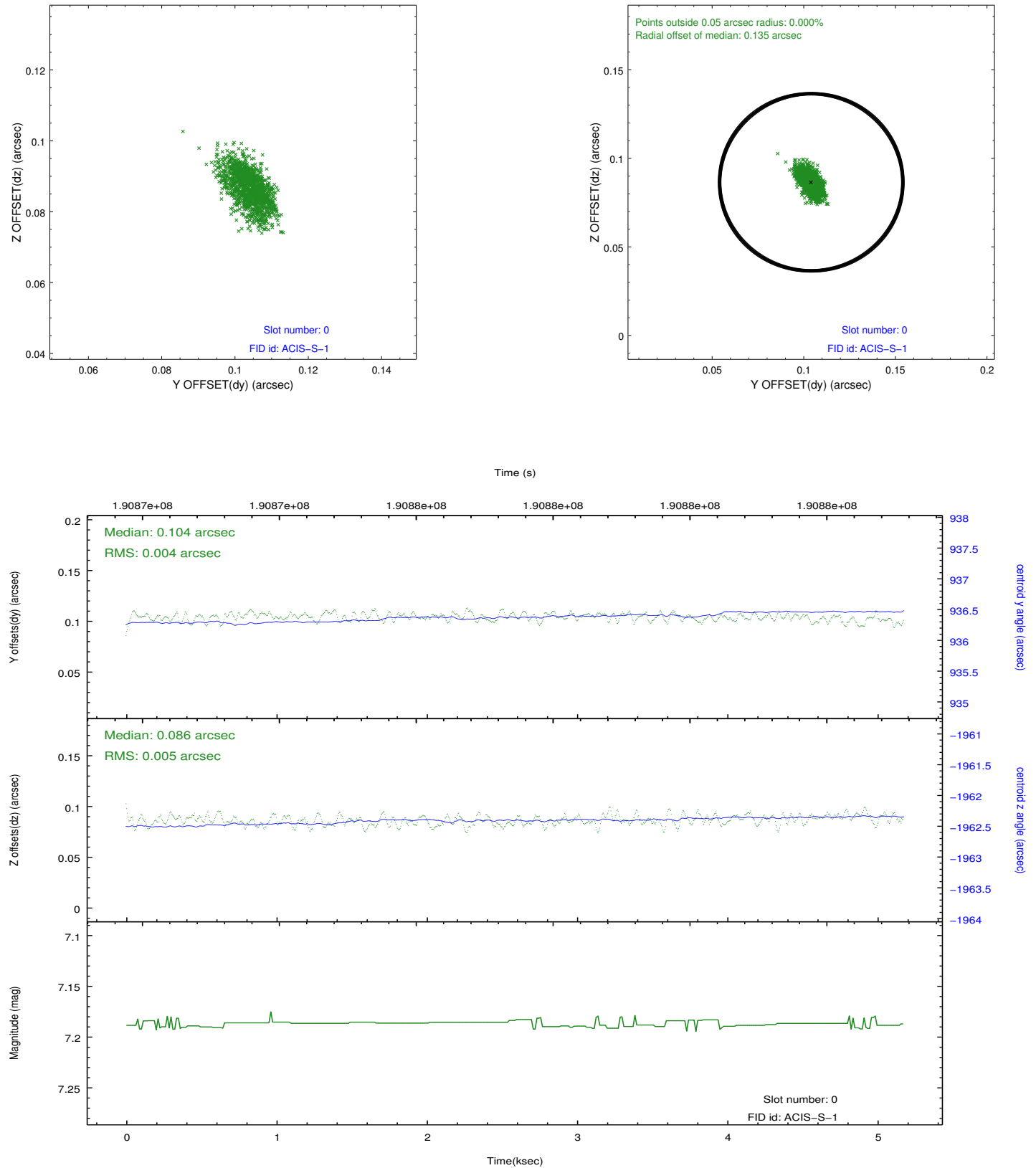


2.4.5 Slot 7

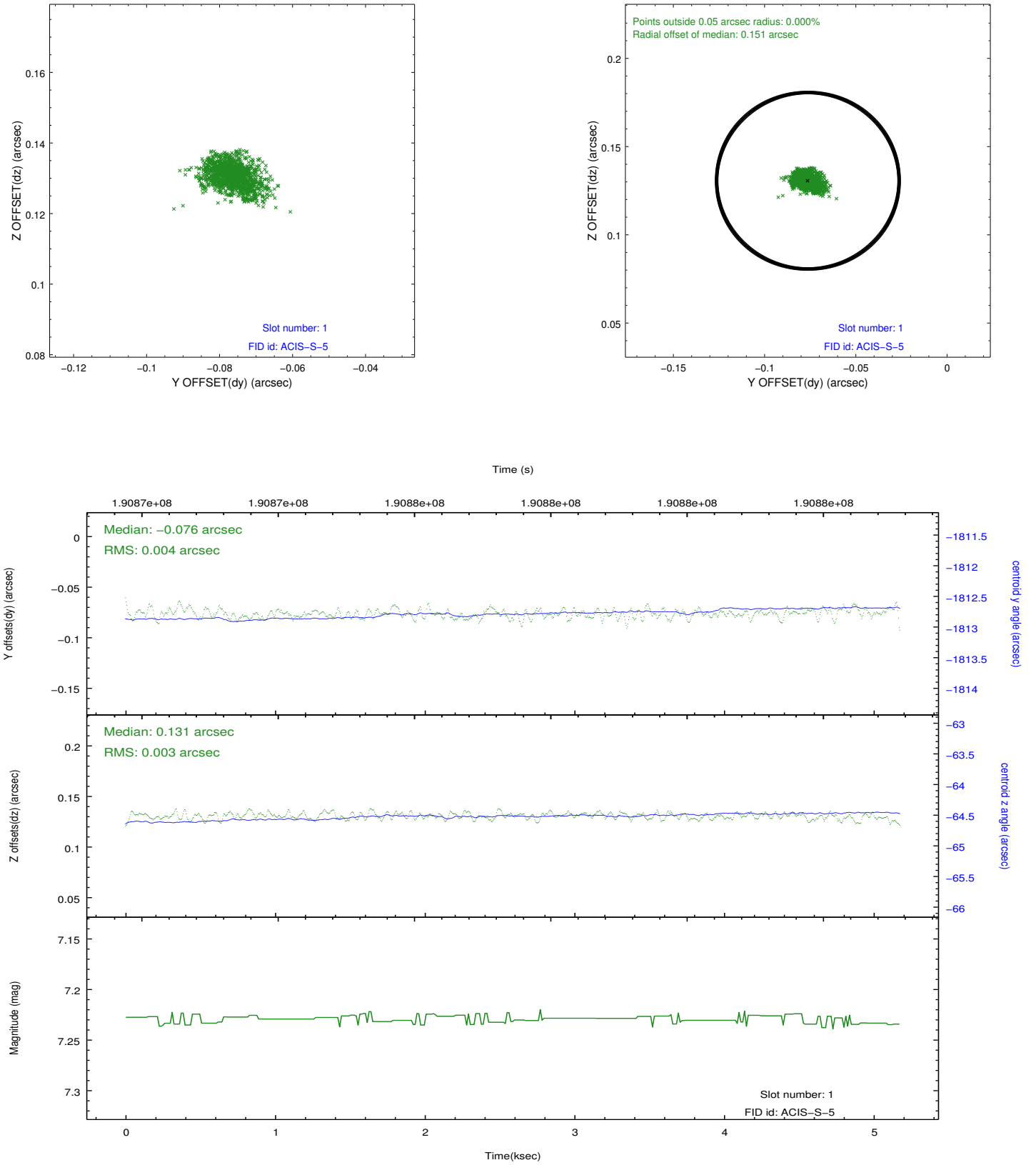


2.5 FID Slots

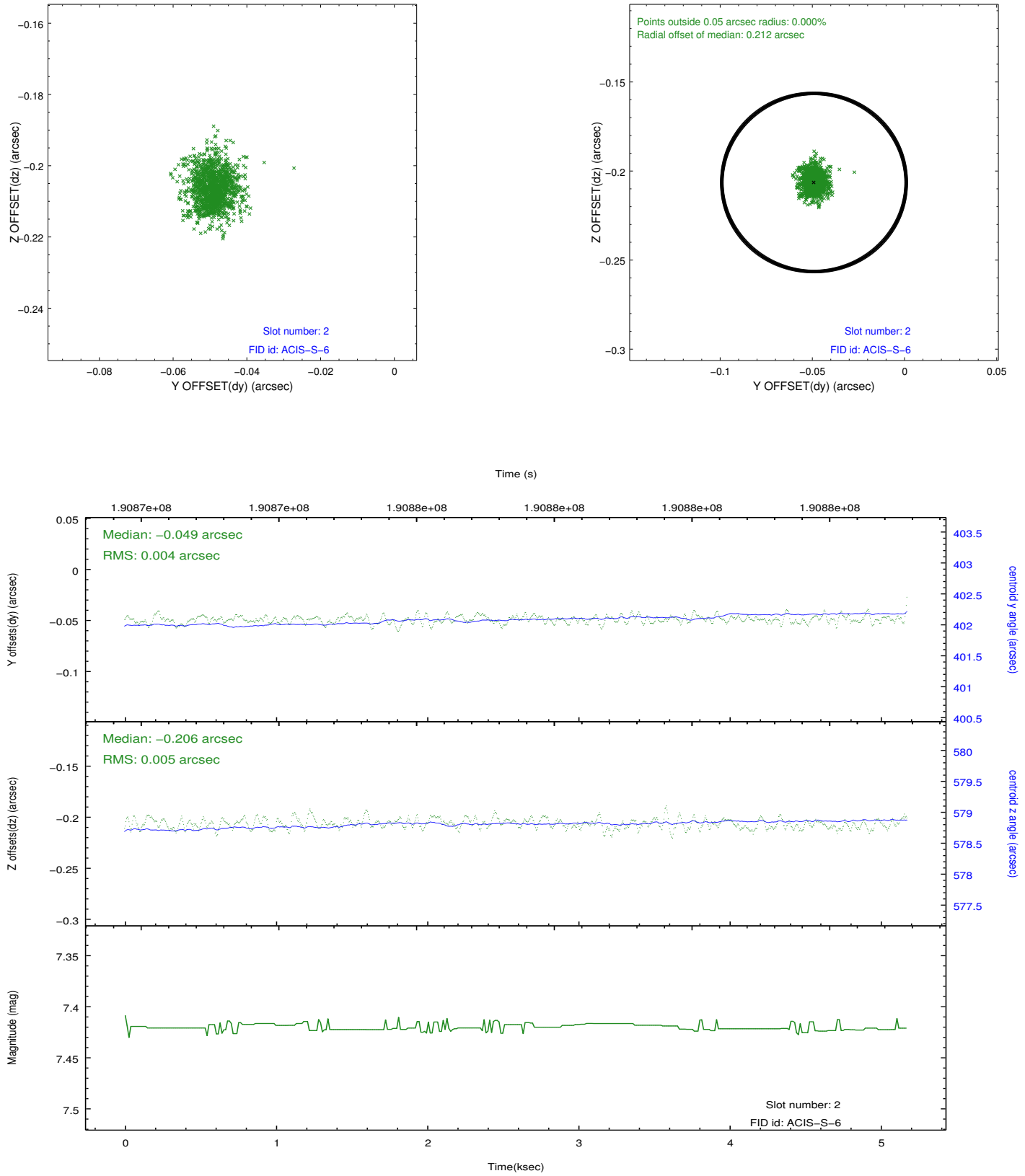
2.5.1 Slot 0



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)	2012.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.175

A.2 Comments