

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 1610 - L2 Version 3
Chandra X-Ray Center

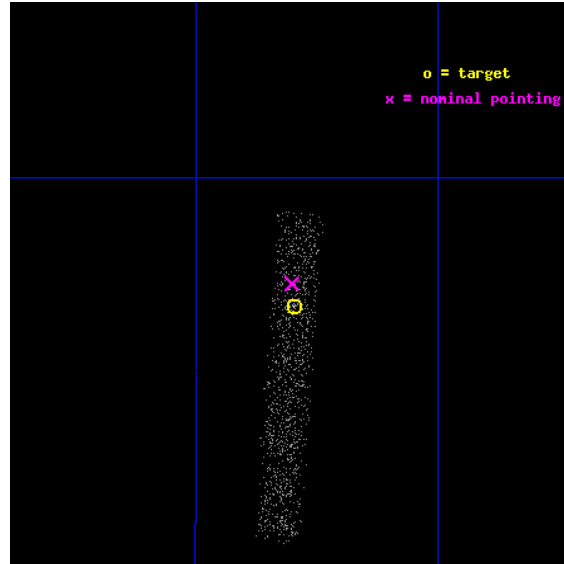
L2 Processing Date : Sep 16 2012

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1 Front

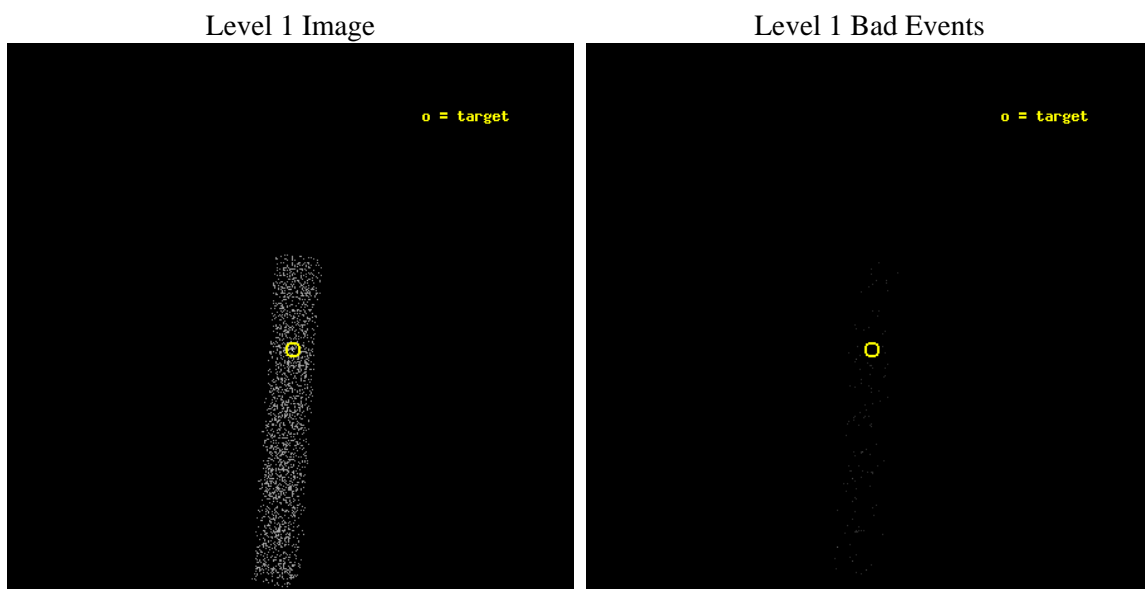
seq_num	700226	Sequence number
obs_id	1610	Observation id
title	STUDIES OF RADIO JETS AND THE NARROW LINE REGIONS OF ACTIVE GALAXIES	
observer	Professor Andrew Wilson	Principal investigator
object	NGC266	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	12.449167	Observer's specified target RA [deg]
dec_targ	32.277694	Observer's specified target Dec [deg]
ra_nom	12.450330797338	Nominal RA [deg]
dec_nom	32.287587835915	Nominal Dec [deg]
roll_nom	94.013911076089	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2242.0000334084	Sum of GTIs [s]
livetime	2033.3756878364	Livetime [s]
ontime7	2242.0000334084	Sum of GTIs [s]
l2events	1171	Number of level 2 events



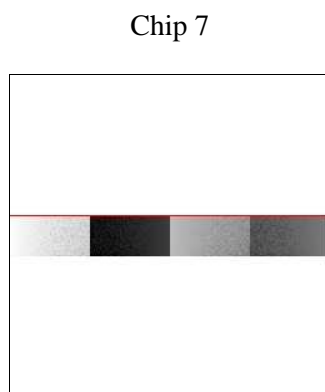
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	2098.091000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2242.0000334084	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime7	2242.0000334084	Sum of GTIs [s]
date	2012-09-17T01:01:45	Date and time of file creation	l1events	3653	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

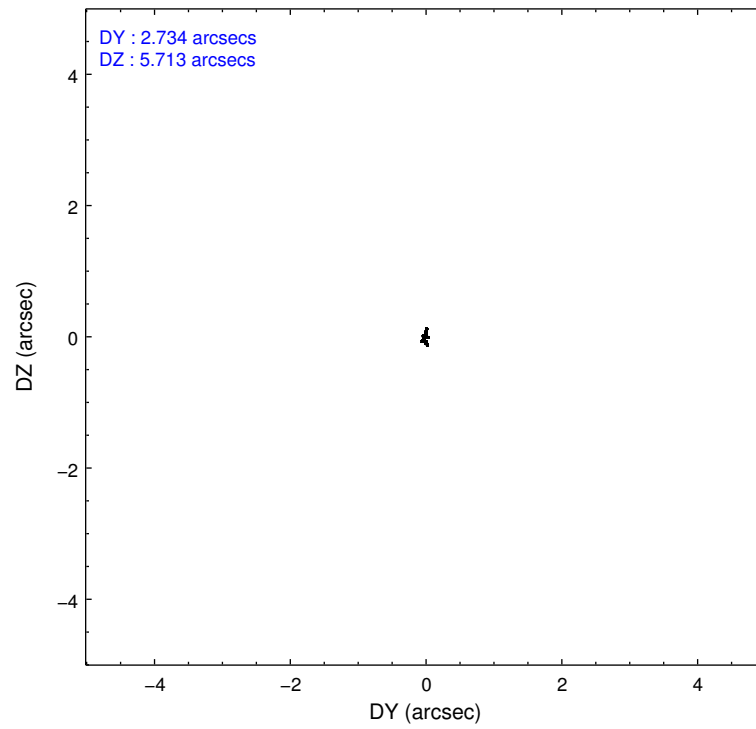
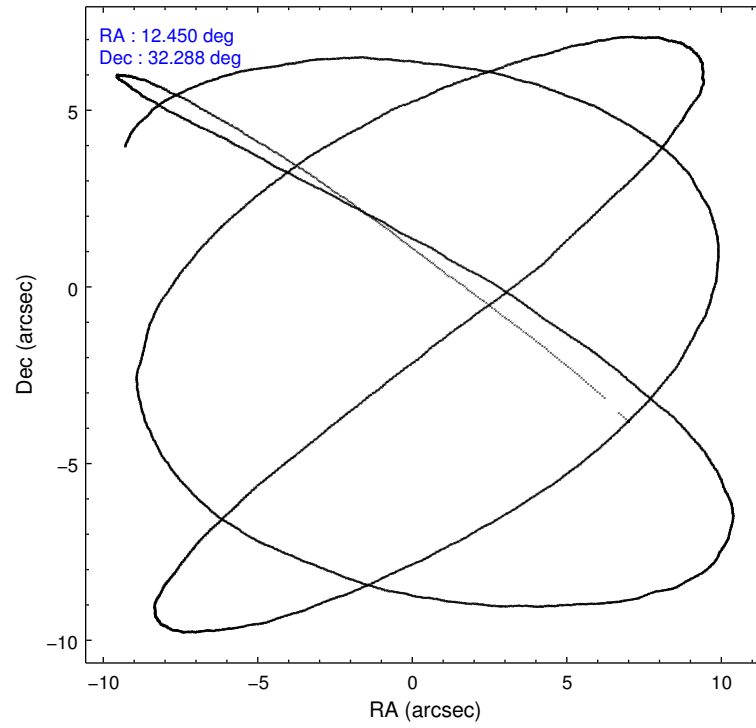
	ccd 7
level 1 events	3653
rejected events	2444
rejected %	66%

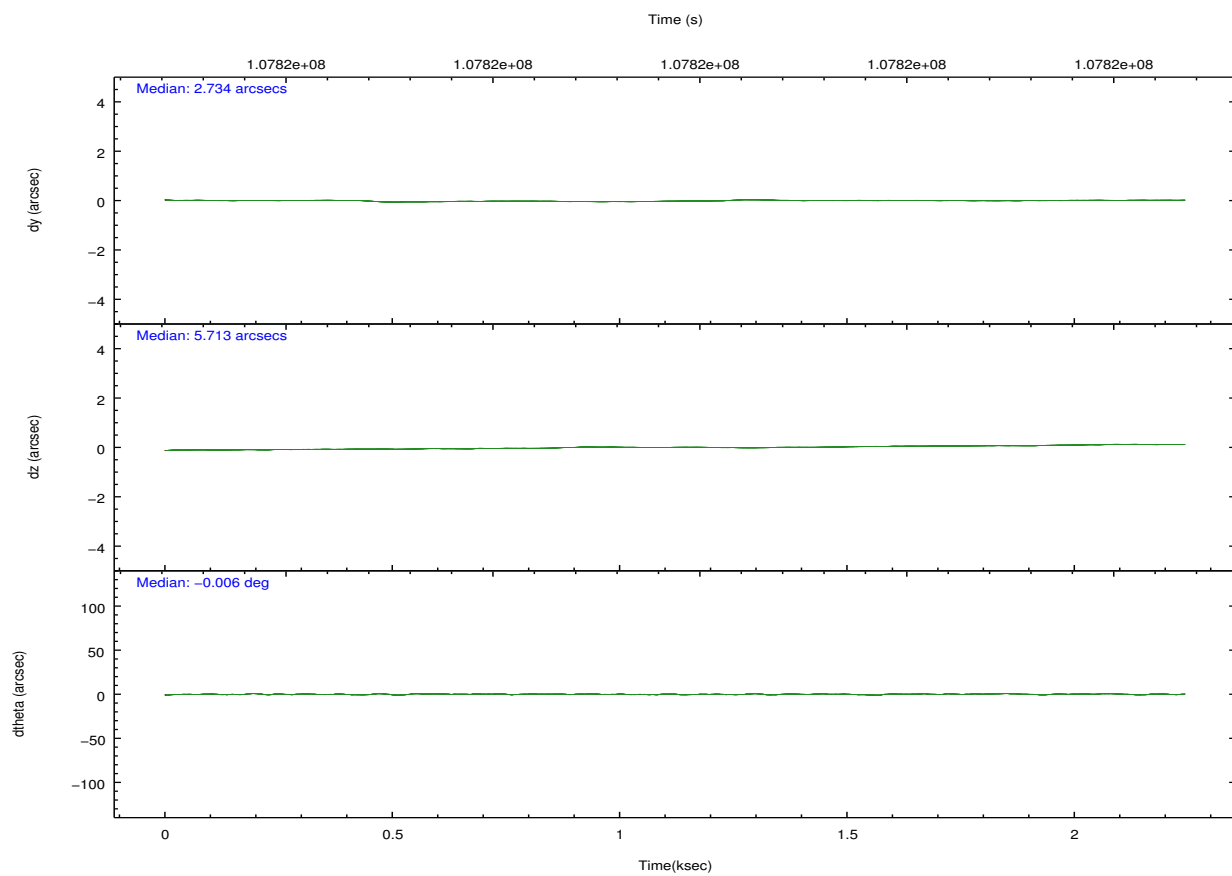
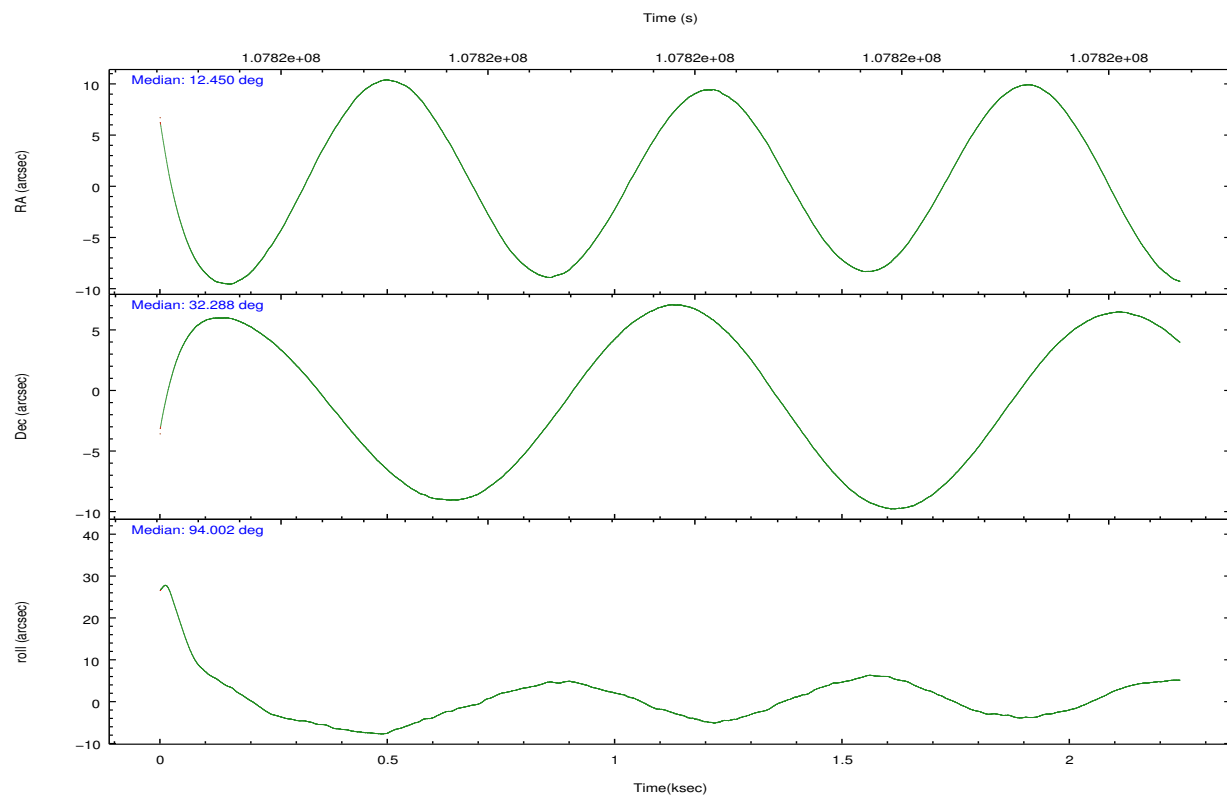
	ccd 7
grade 0 events	201
	5%
grade 1 events	8
	0%
grade 2 events	321
	8%
grade 3 events	244
	6%
grade 4 events	205
	5%
grade 5 events	346
	9%
grade 6 events	785
	21%
grade 7 events	1543
	42%

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	12.468751	12.45033079733849	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	32.264942	32.28758783591543	Subarray start row	447	447
[deg] Pointing Roll	93.847303	94.01391107608853	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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	107819466.184000	107818278.29613			
Observation start date	2001-06-01T21:50:02	2001-06-01T21:31:18			
[s] Observation end time (MET)	107821564.184000	107821878.60877			
Observation end date	2001-06-01T22:25:00	2001-06-01T22:31:18			
Read mode	TIMED	TIMED			

2.3 Aspect



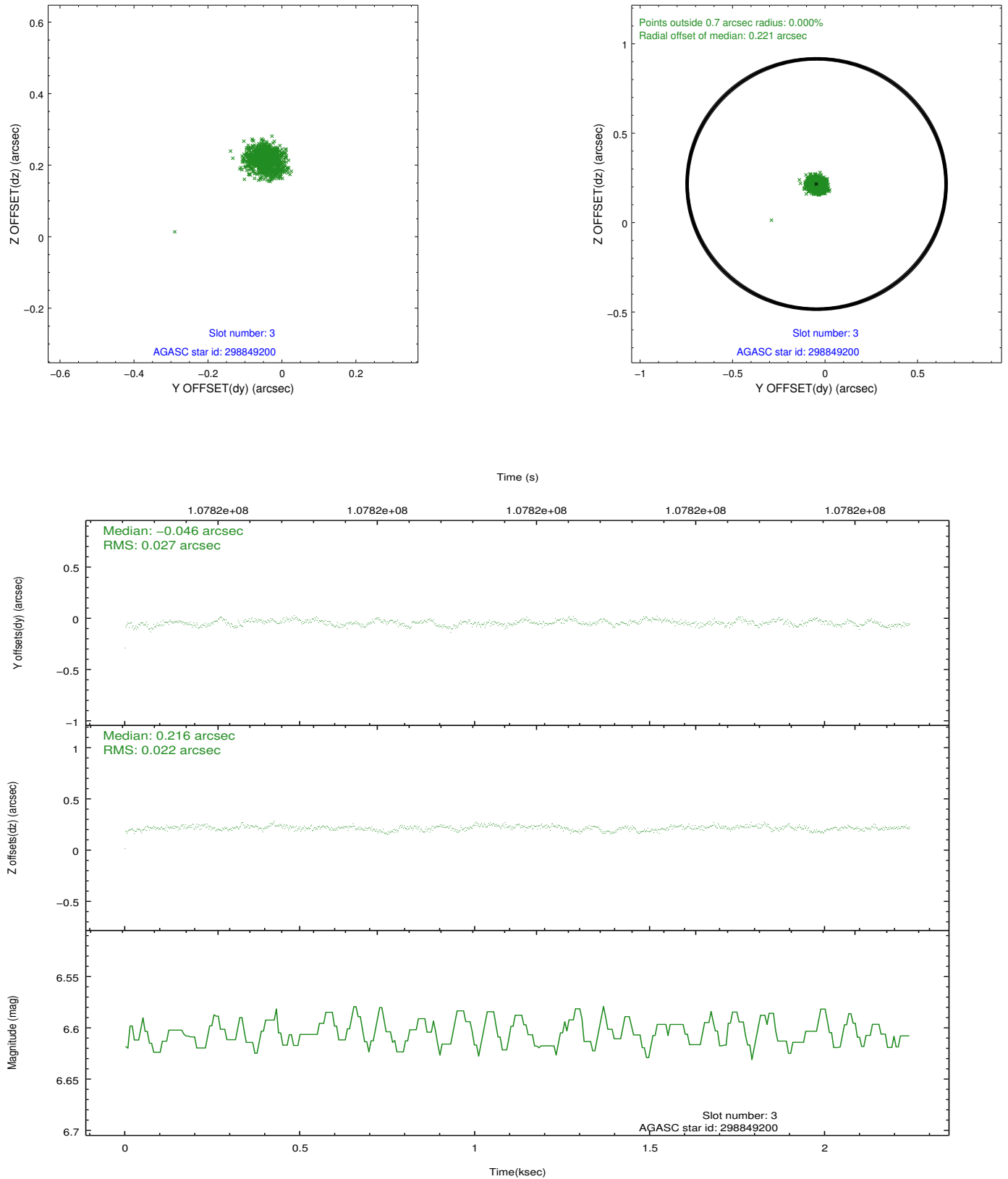


Slot Statistics

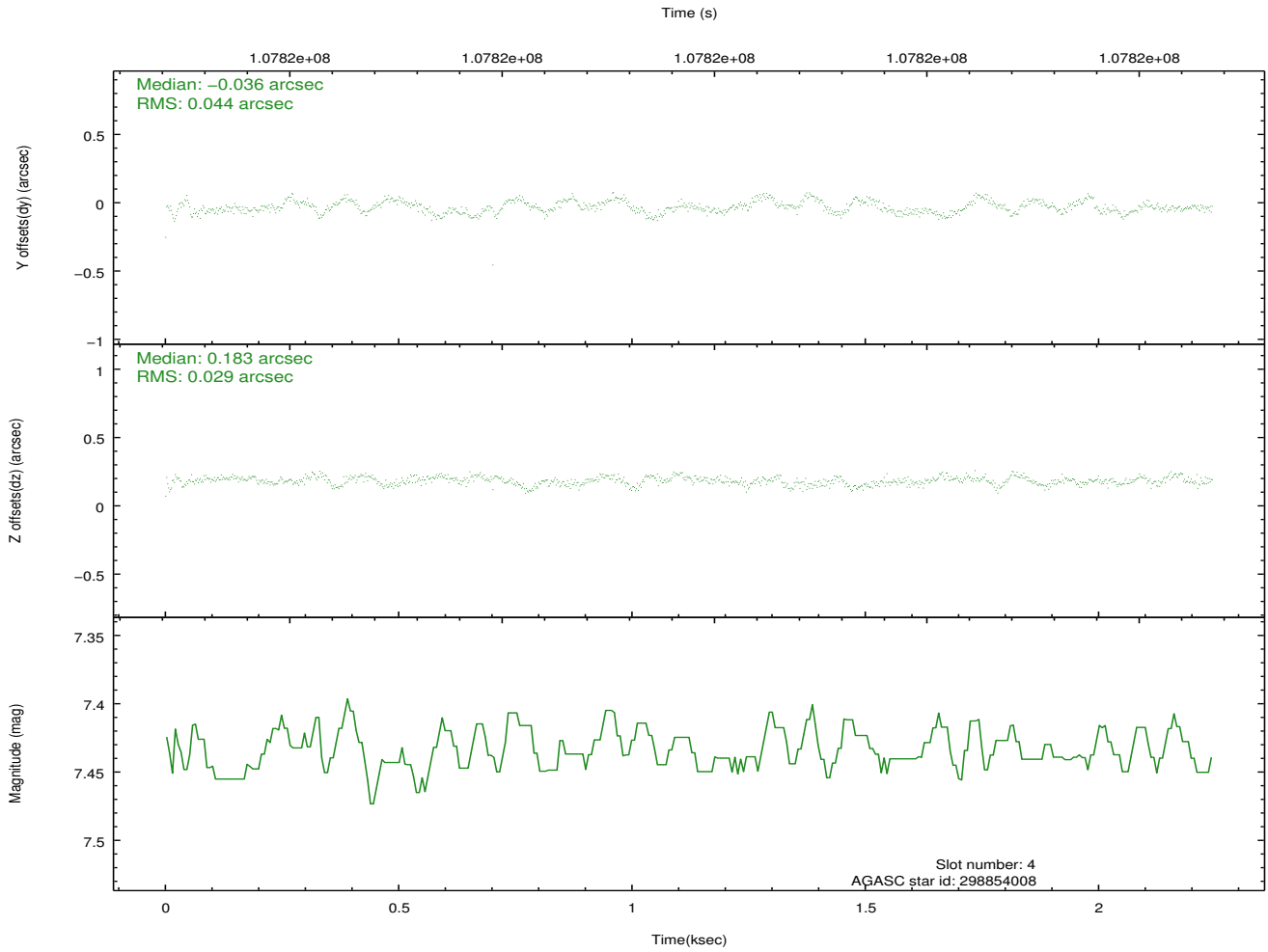
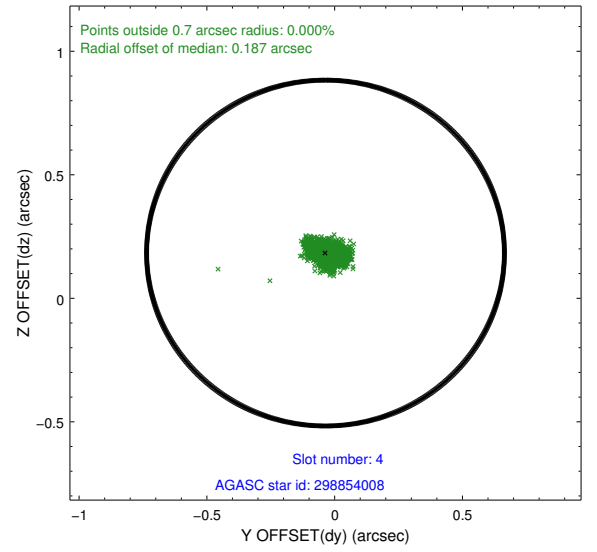
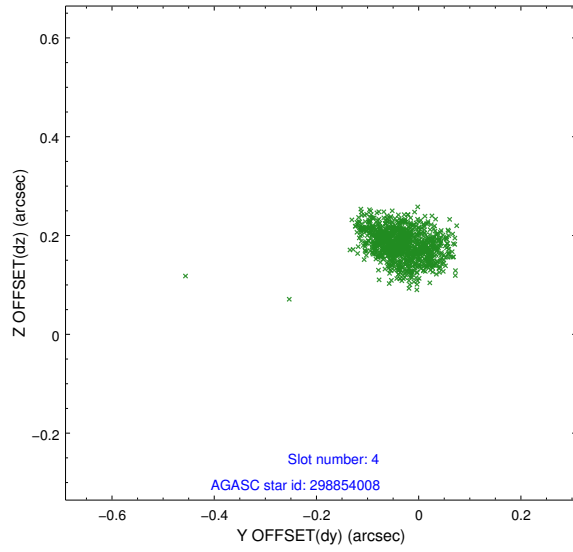
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	548	-0.024	0.016	0.006	0.010	0.000000	0.000000	-755.34	-1726.79
1	FID	ACIS-S-4	7.20	548	-0.048	0.007	0.004	0.009	0.000000	0.000000	2156.56	178.77
2	FID	ACIS-S-5	7.24	548	0.041	-0.015	0.006	0.010	0.000000	0.000000	-1804.43	175.61
3	GUIDE	298849200	6.61	1095	-0.046	0.216	0.036	0.059	12.977526	32.366996	265.51	-1569.52
4	GUIDE	298854008	7.44	1095	-0.036	0.183	0.056	0.090	12.853740	32.657078	1331.48	-1261.29
5	GUIDE	298849872	8.04	1095	0.099	0.172	0.053	0.089	12.577510	32.059574	-759.61	-283.99
6	GUIDE	298846552	8.79	1095	-0.054	-0.289	0.085	0.142	11.679811	32.494360	991.16	2332.44
7	GUIDE	298846328	8.91	1093	0.045	-0.279	0.079	0.125	11.741886	32.076389	-521.77	2257.72

2.4 Star Slots

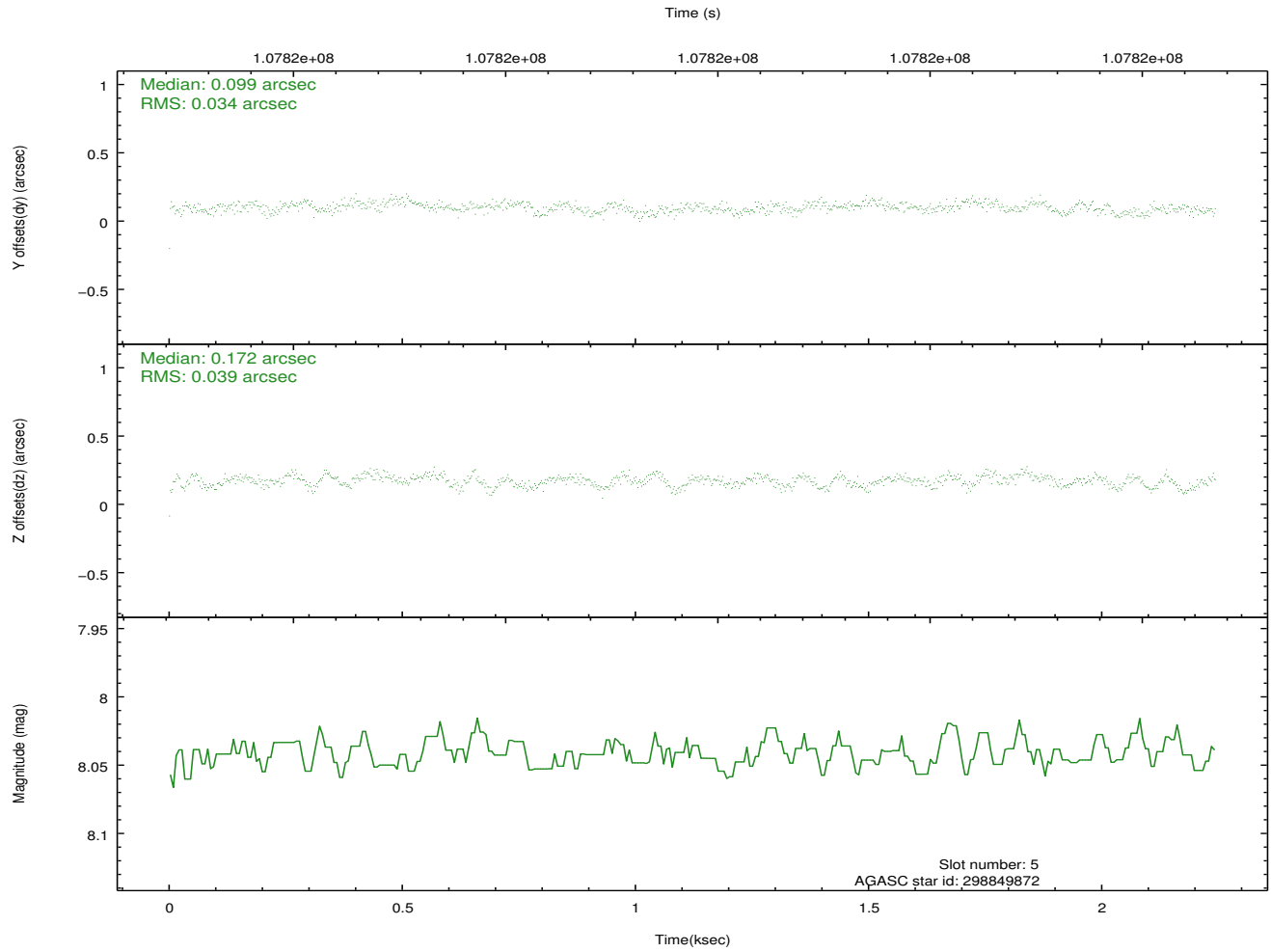
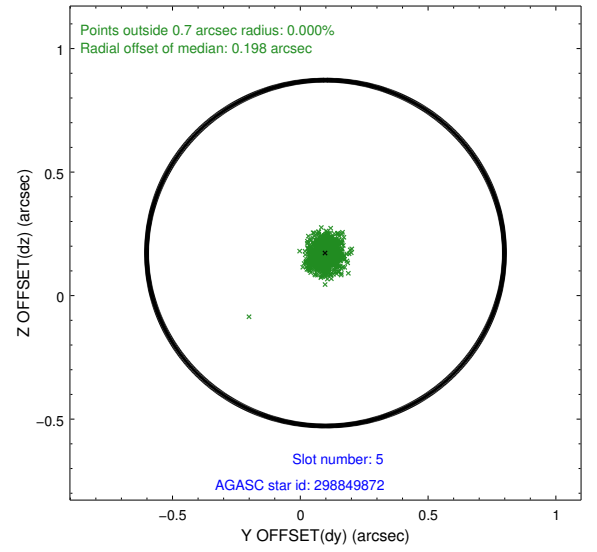
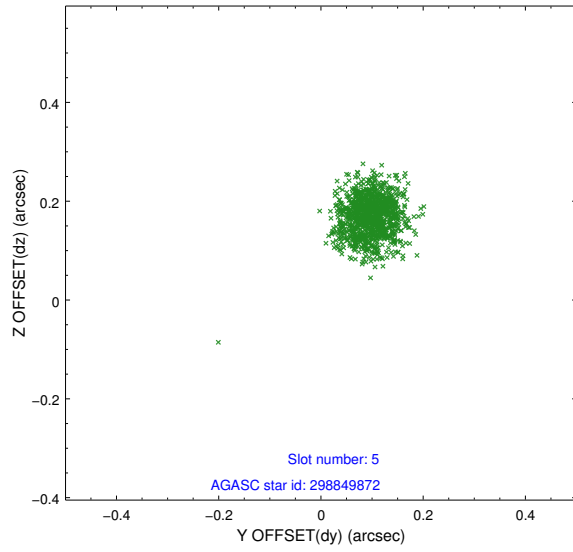
2.4.1 Slot 3



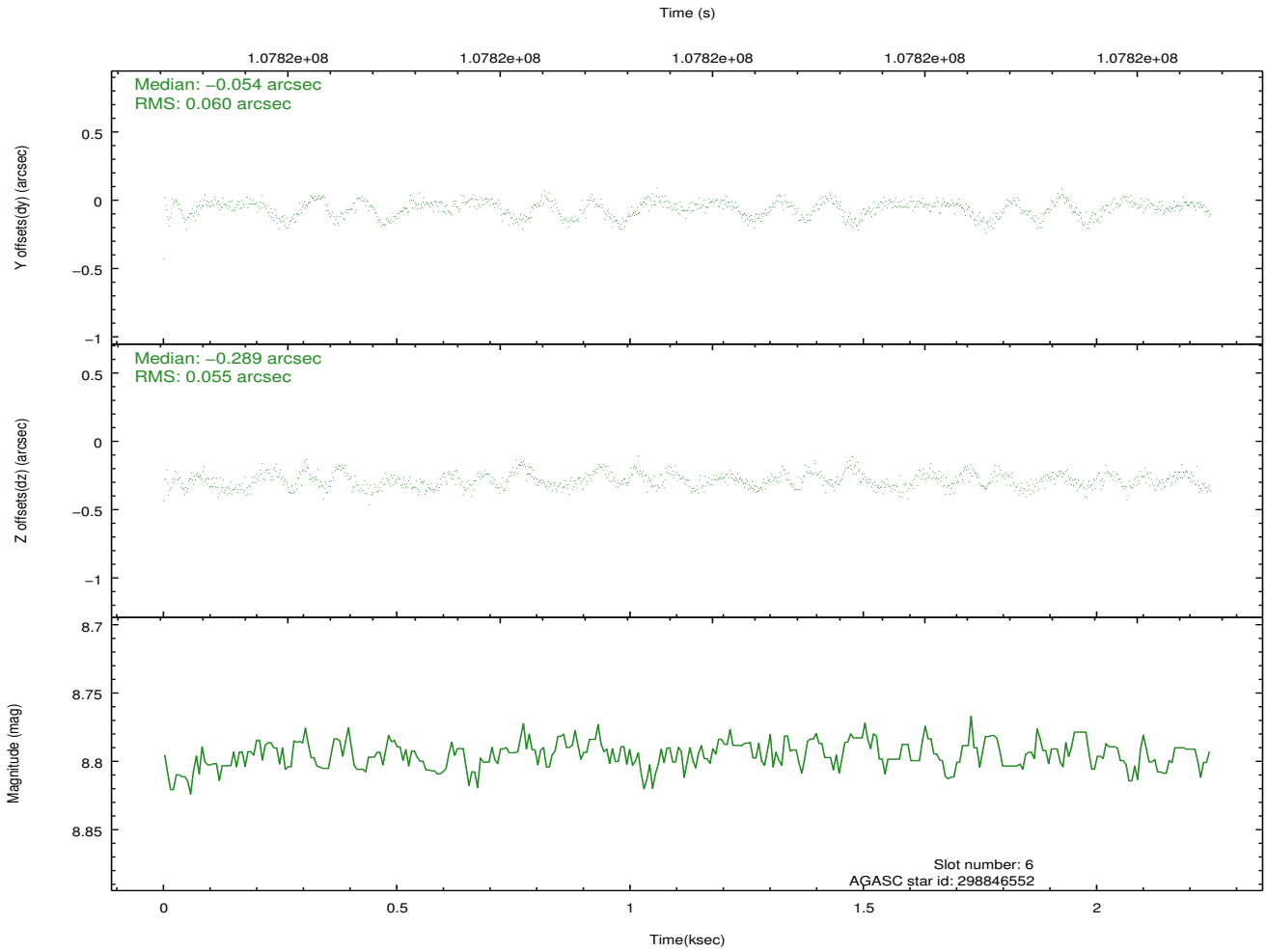
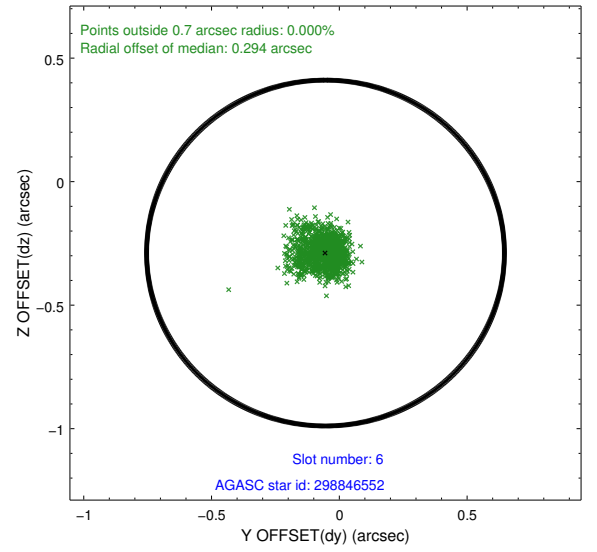
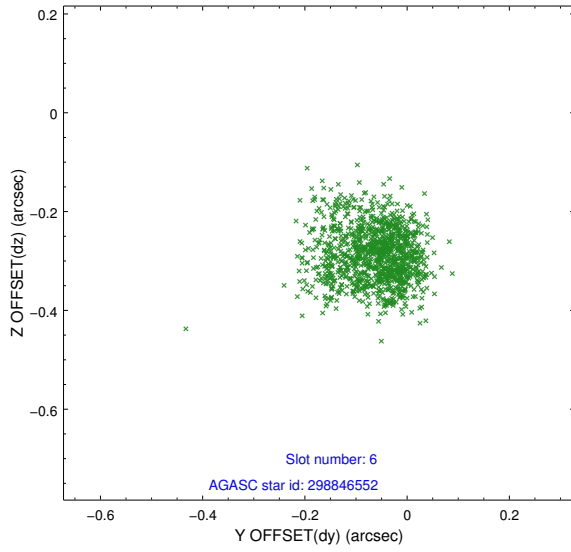
2.4.2 Slot 4



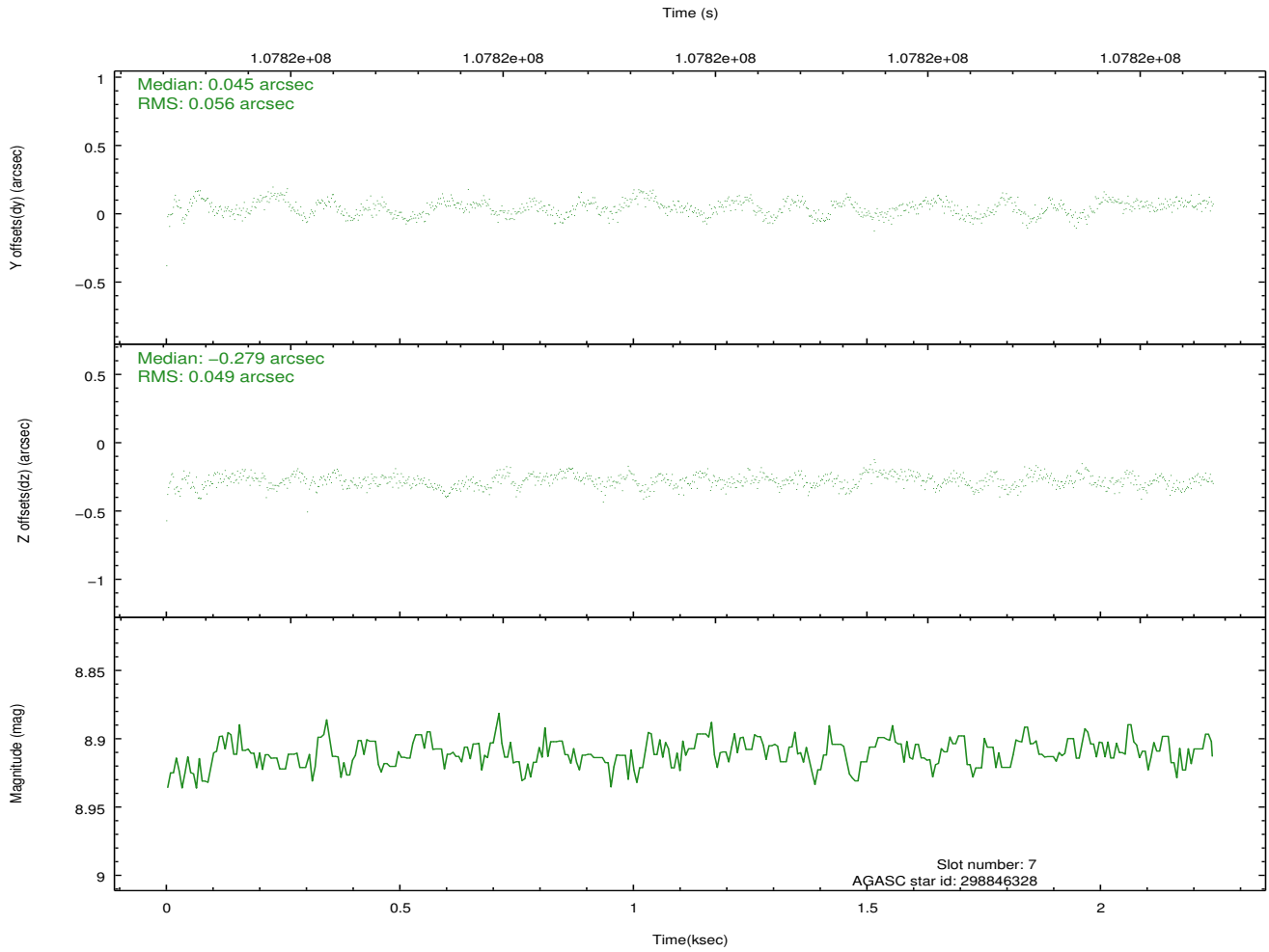
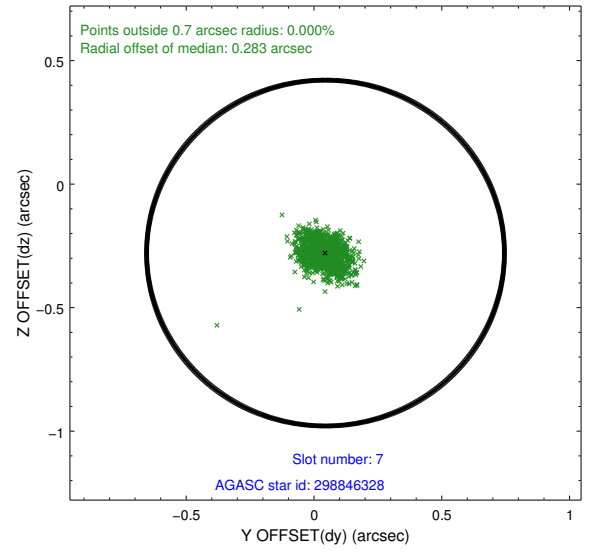
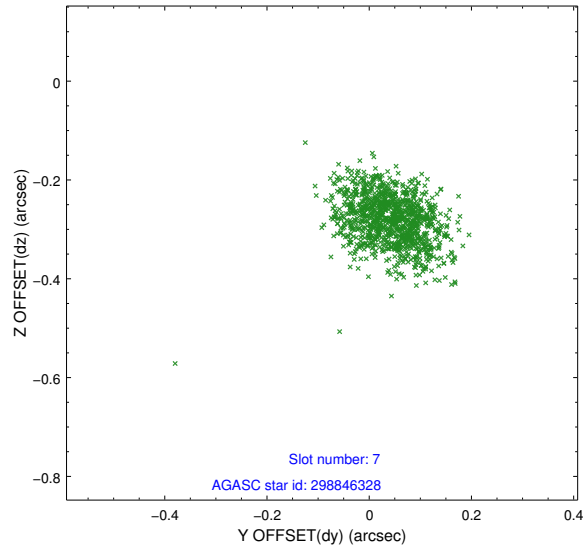
2.4.3 Slot 5



2.4.4 Slot 6

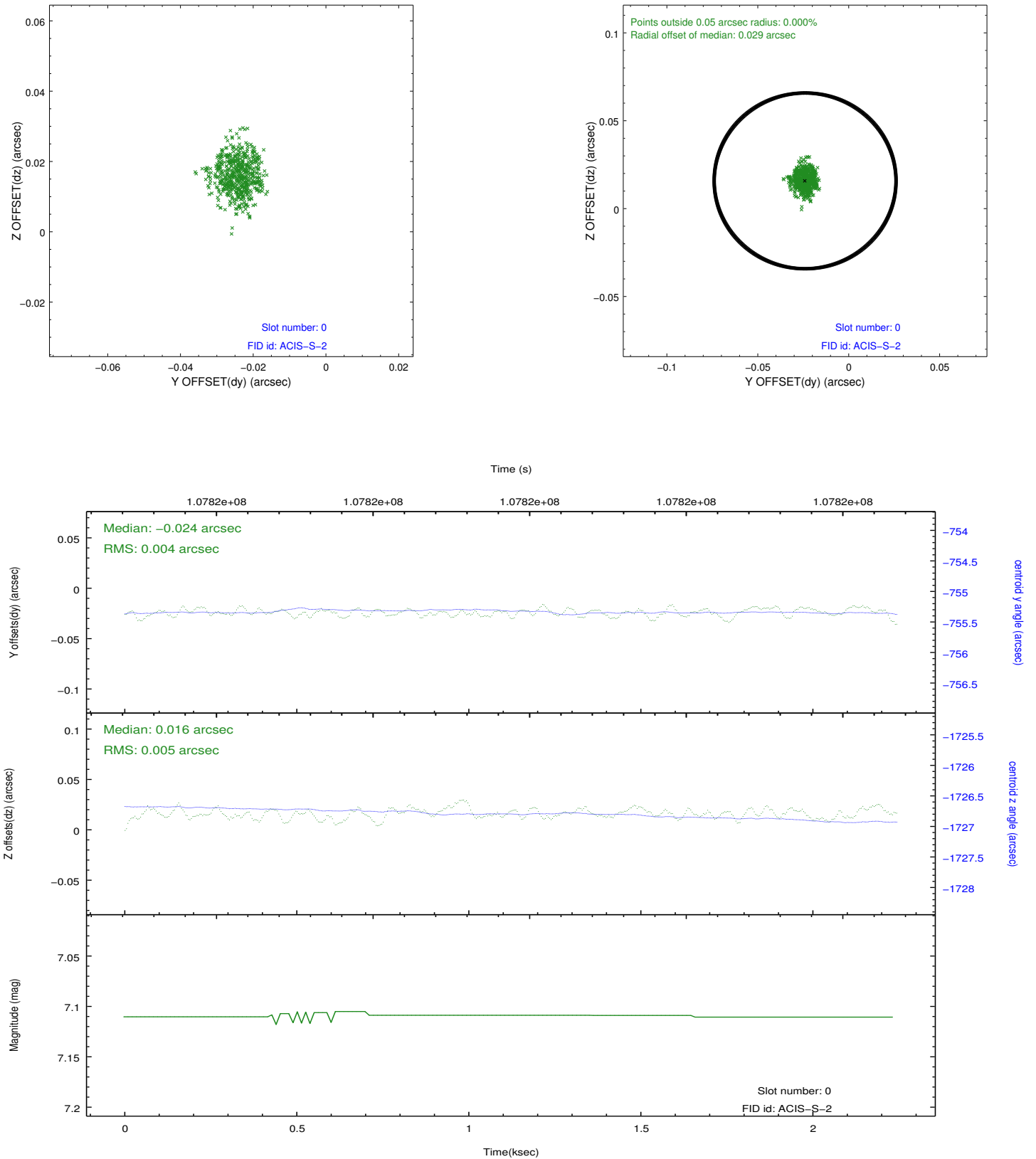


2.4.5 Slot 7

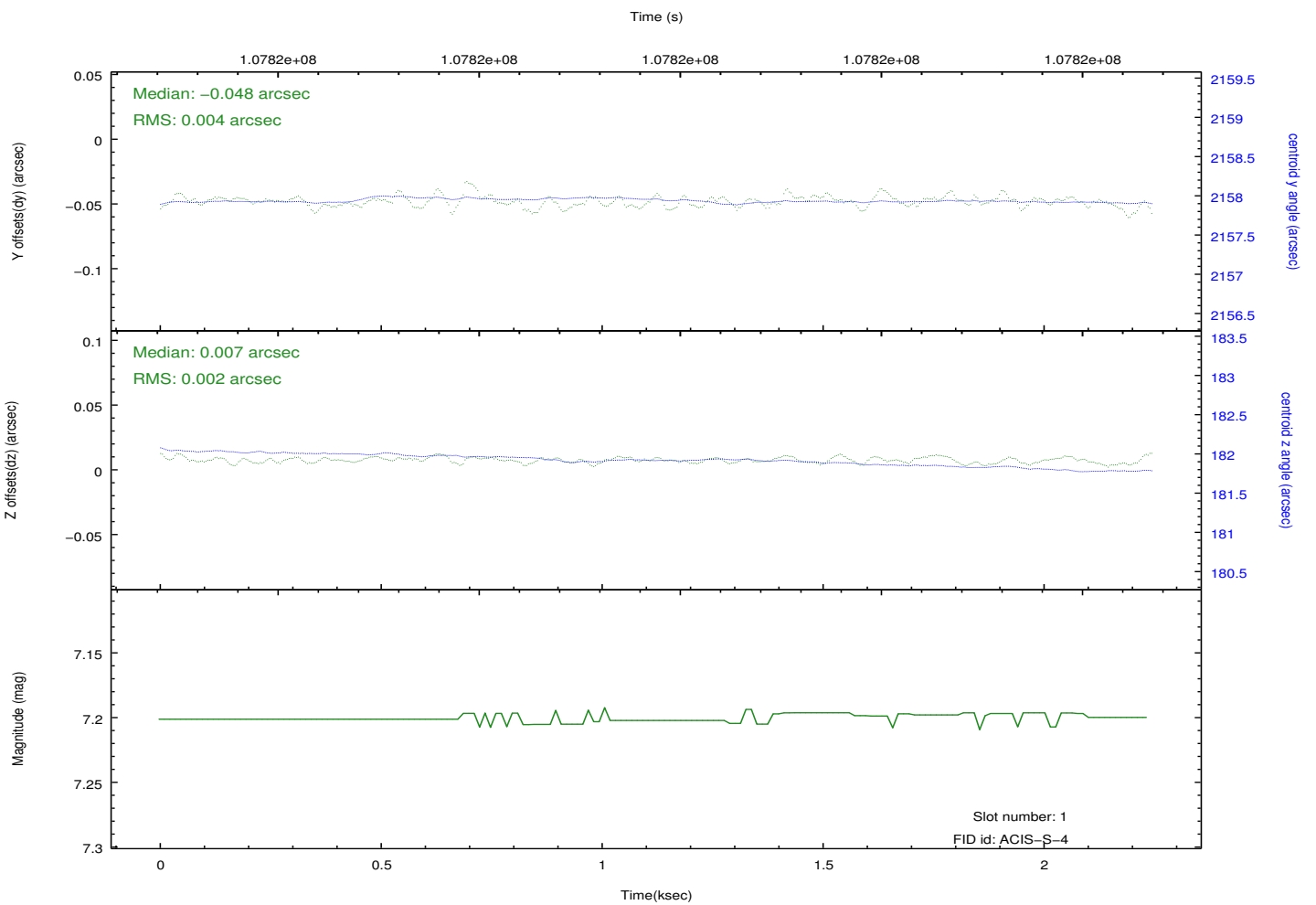
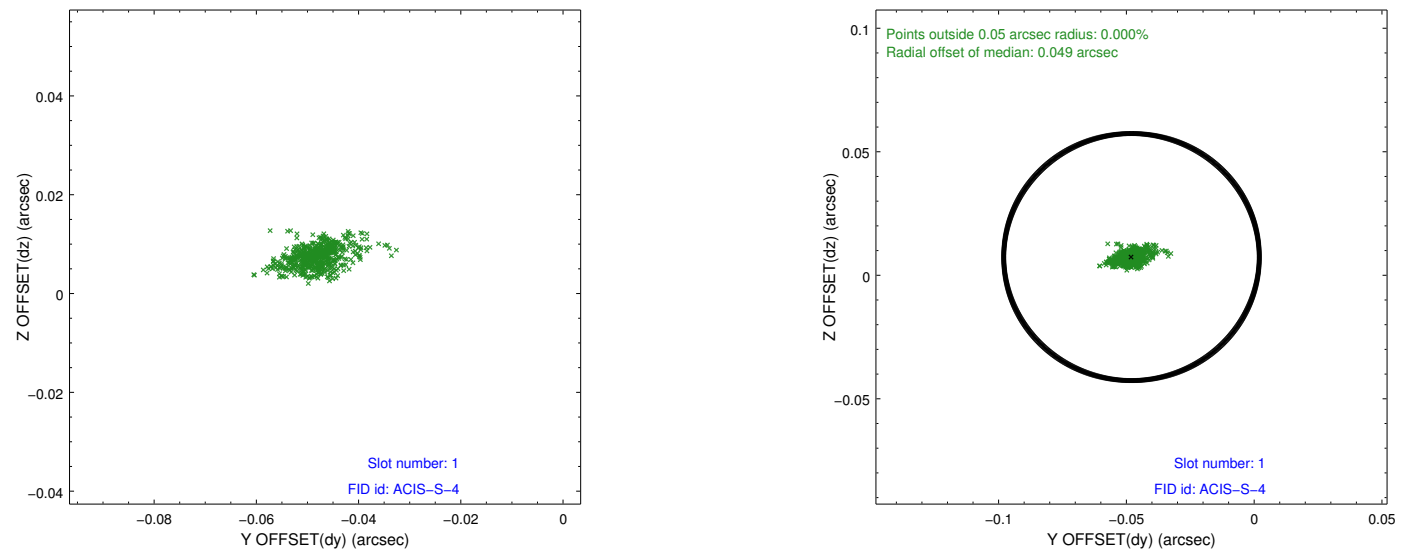


2.5 FID Slots

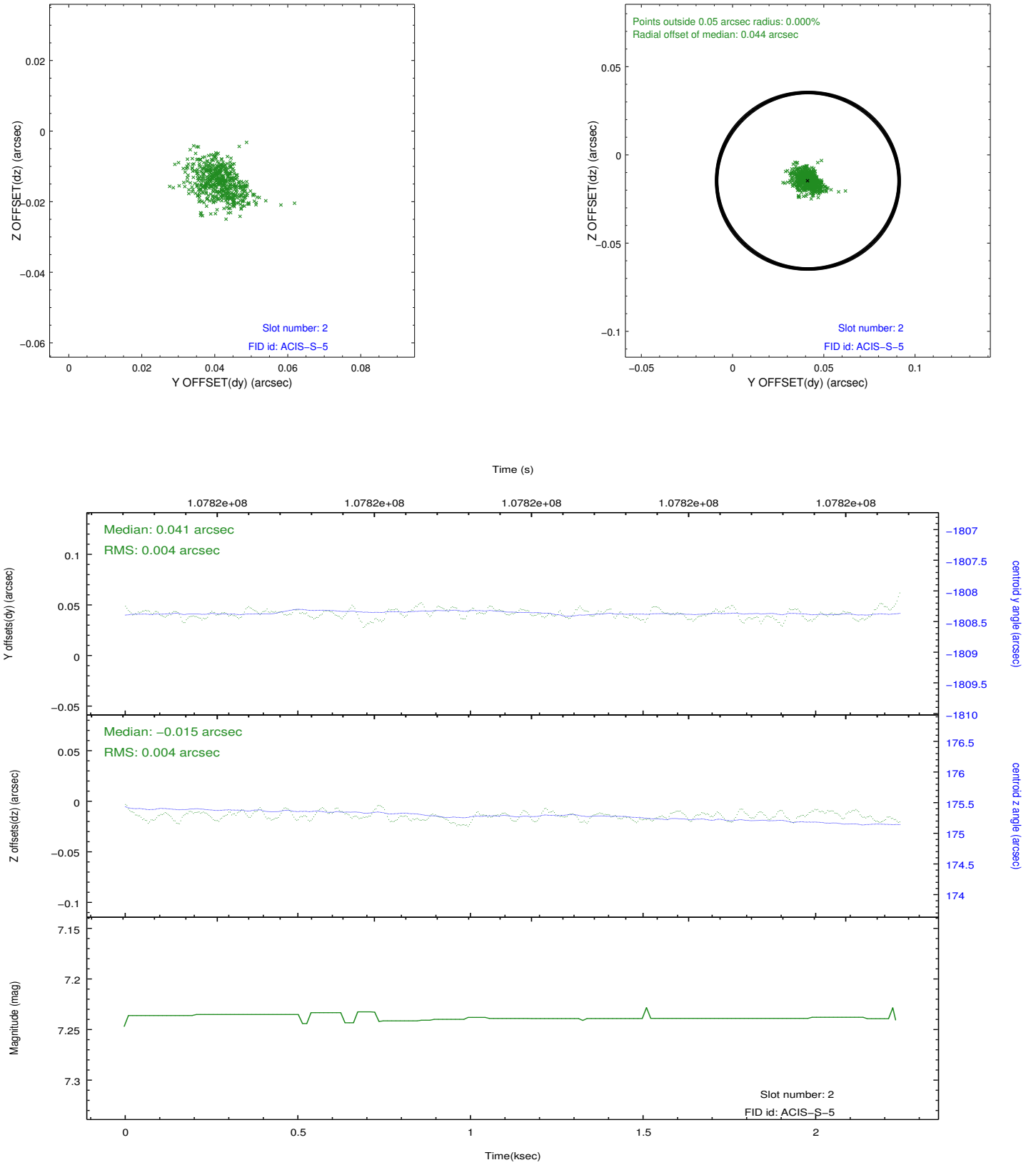
2.5.1 Slot 0



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)	2012.09.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.2

A.2 Comments