

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3508 - L2 Version 3
Chandra X-Ray Center

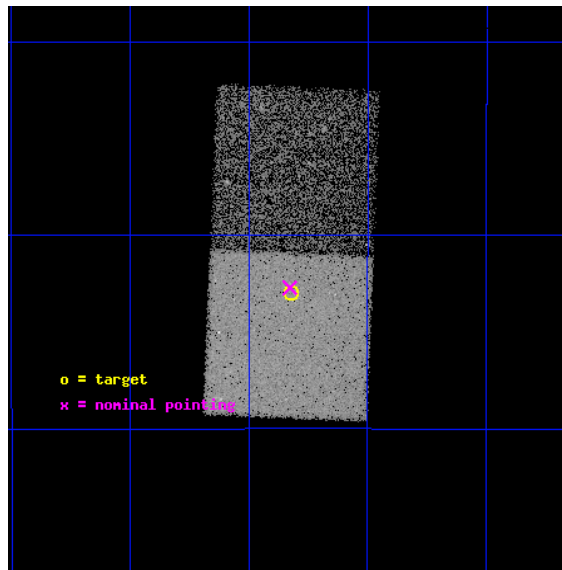
L2 Processing Date : Oct 22 2012

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1 Front

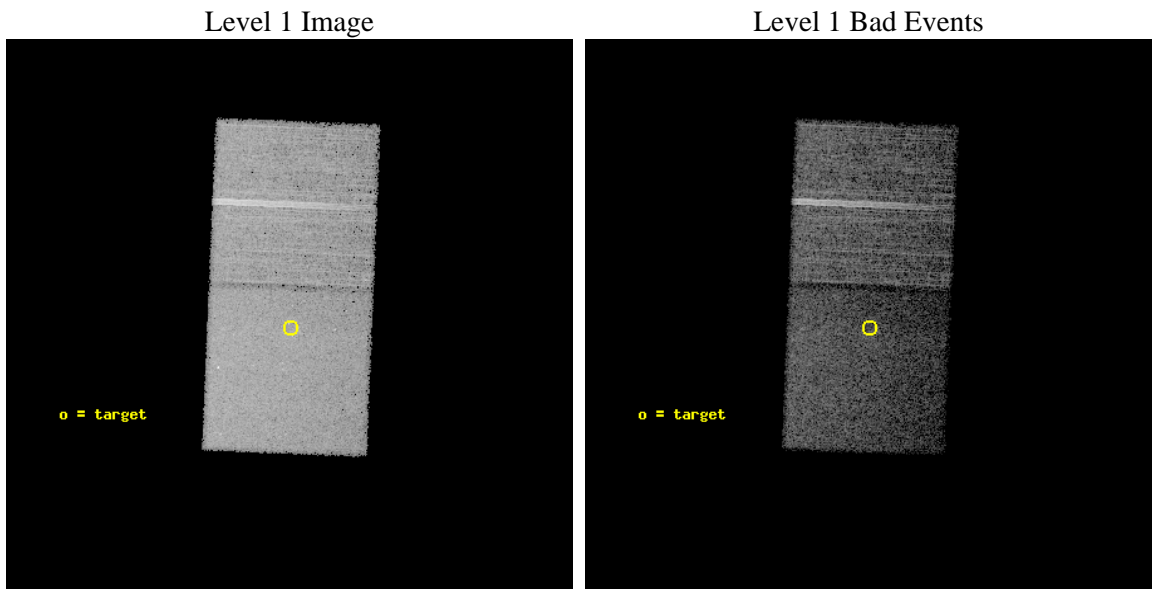
seq_num	400261	Sequence number
obs_id	3508	Observation id
title	NEUTRON STARS IN QUIESCENCE	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	2S1711-339	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	258.58	Observer's specified target RA [deg]
dec_targ	-34.049444	Observer's specified target Dec [deg]
ra_nom	258.58183971032	Nominal RA [deg]
dec_nom	-34.045392797117	Nominal Dec [deg]
roll_nom	92.361993097779	Nominal Roll [deg]
revision	3	Processing version of data
ontime	25344.0	Sum of GTIs [s]
liveltime	25001.973009234	Livetime [s]
ontime6	25340.959039718	Sum of GTIs [s]
ontime7	25344.0	Sum of GTIs [s]
l2events	80207	Number of level 2 events



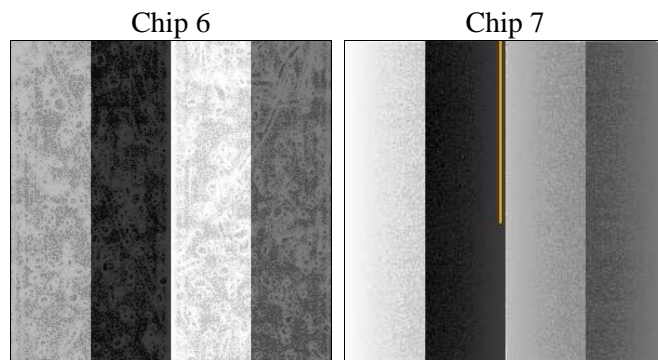
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	25200.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	25344.0	Sum of GTIs [s]
caldsver	4.5.2	 	ontime6	25340.959039718	Sum of GTIs [s]
date	2012-10-22T05:20:44	Date and time of file creation	ontime7	25344.0	Sum of GTIs [s]
revision	3	Processing version of data	l1events	305395	Number of level 1 events

2.1.4 Events

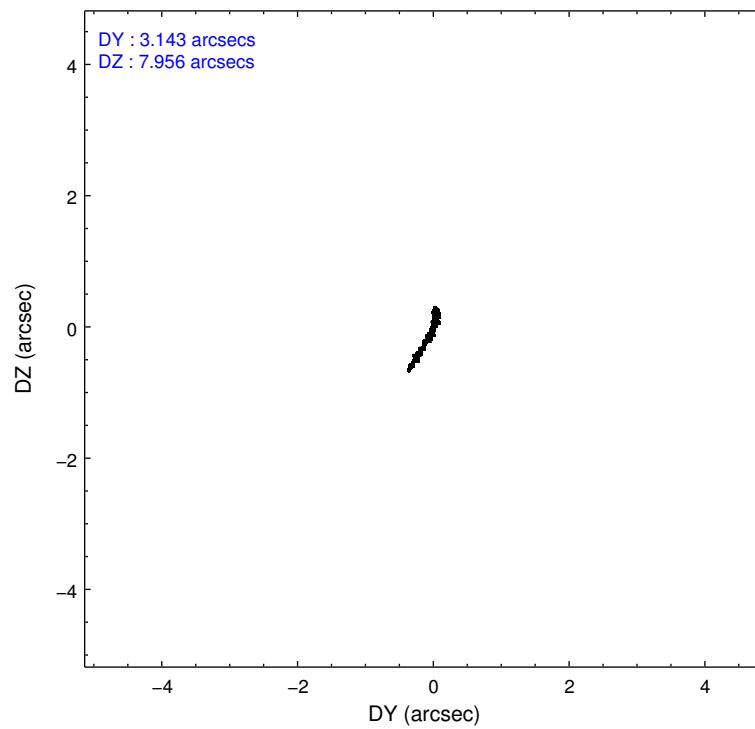
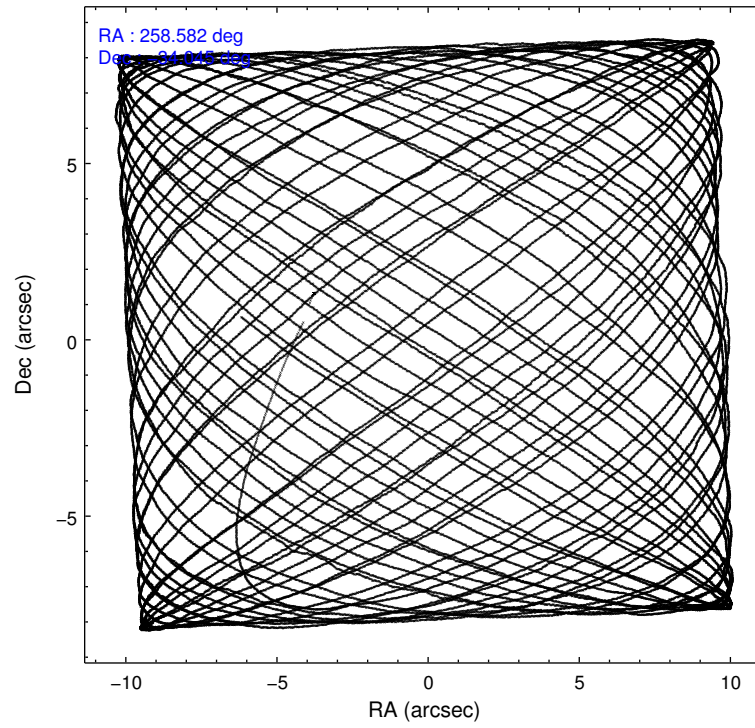
	ccd 6	ccd 7
level 1 events	148641	156754
rejected events	133349	88810
rejected %	89%	56%

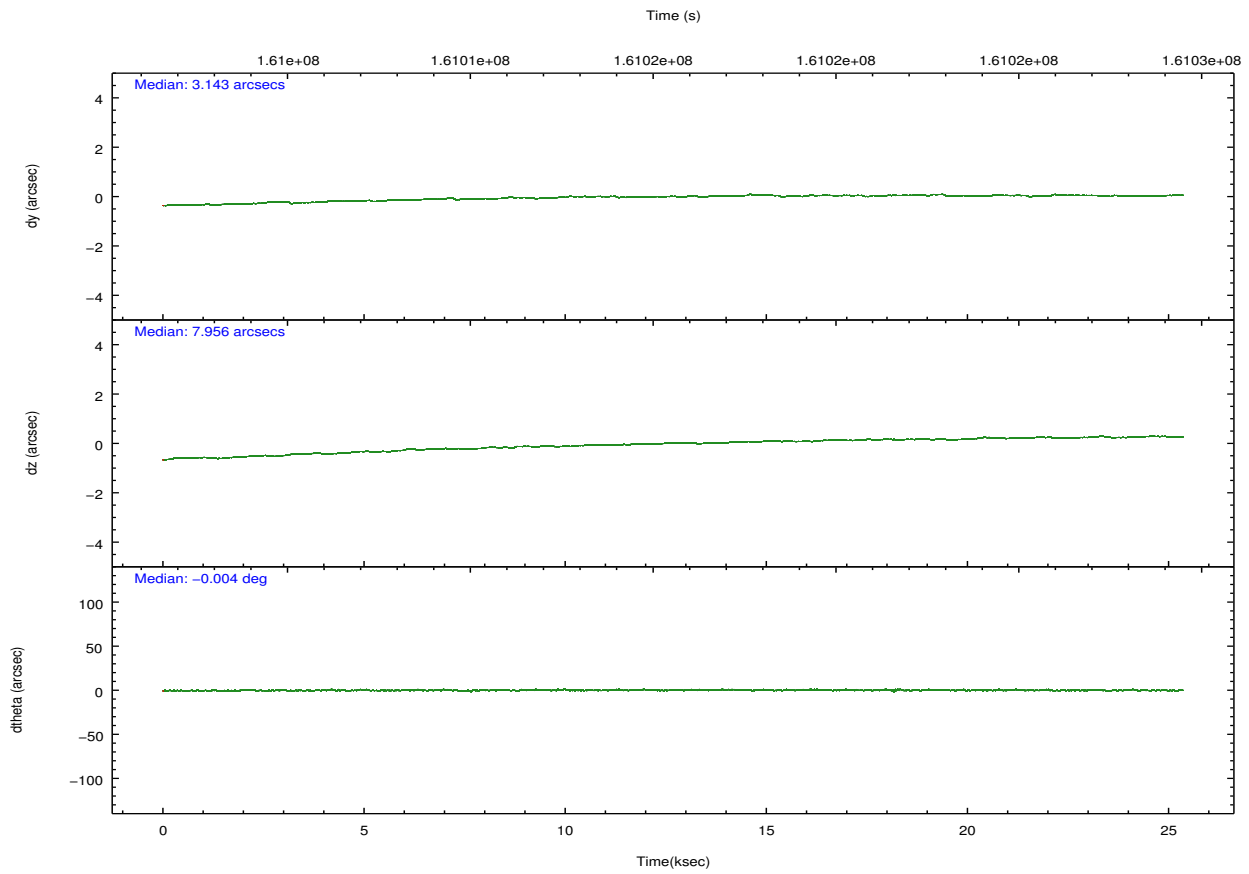
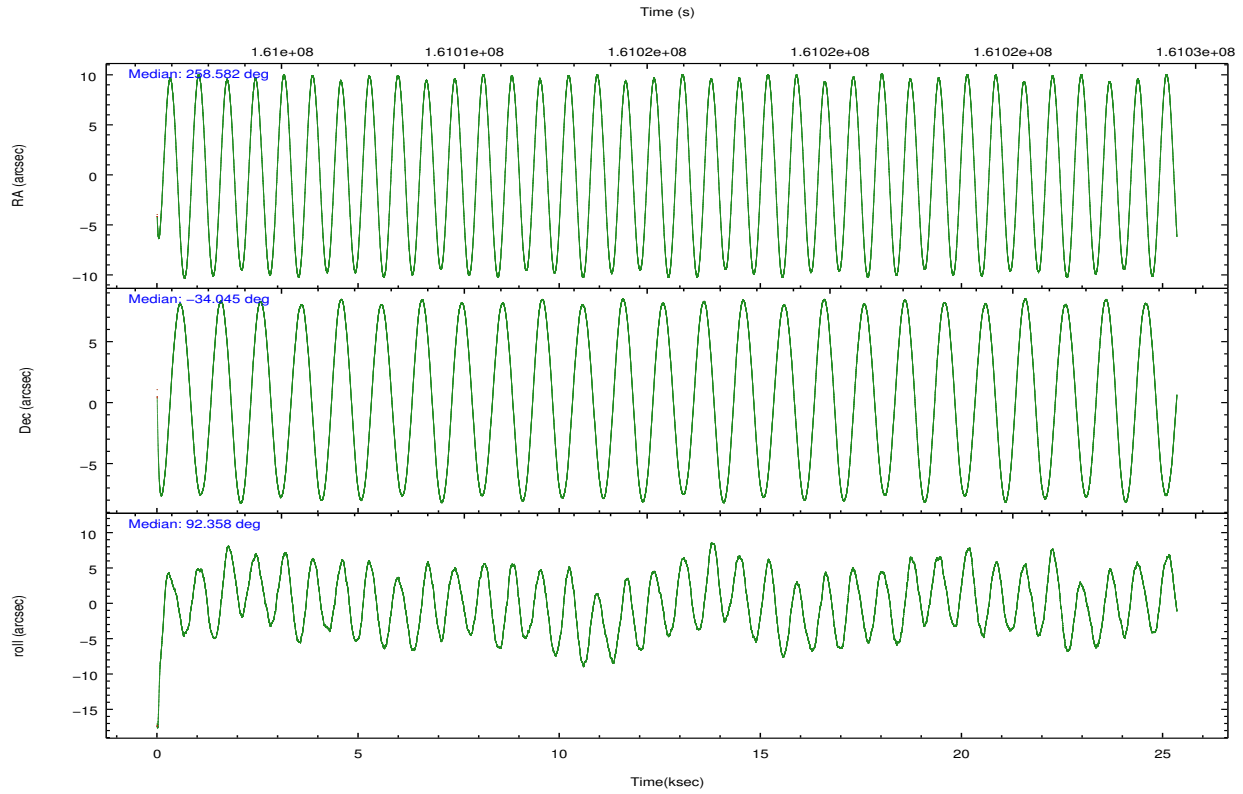
	ccd 6	ccd 7
grade 0 events	5994	6478
	4%	4%
grade 1 events	57	113
	0%	0%
grade 2 events	3176	13162
	2%	8%
grade 3 events	1717	6273
	1%	4%
grade 4 events	1661	6201
	1%	3%
grade 5 events	5757	16706
	3%	10%
grade 6 events	3171	37713
	2%	24%
grade 7 events	127108	70108
	85%	44%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-67	ACIS-67	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	258.599795	258.5818397103167	Subarray requested	NONE	NONE
[deg] Pointing Dec	-34.068156	-34.04539279711686	Alternating exposures requested	N	N
[deg] Pointing Roll	92.215431	92.36199309777925	[s] Primary exposure time	0.000000	3
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	161003022.184000	161001890.16529			
Observation start date	2003-02-07T11:02:38	2003-02-07T10:44:50			
[s] Observation end time (MET)	161028222.184000	161029073.67893			
Observation end date	2003-02-07T18:02:38	2003-02-07T18:17:53			
Read mode	TIMED	TIMED			

2.3 Aspect



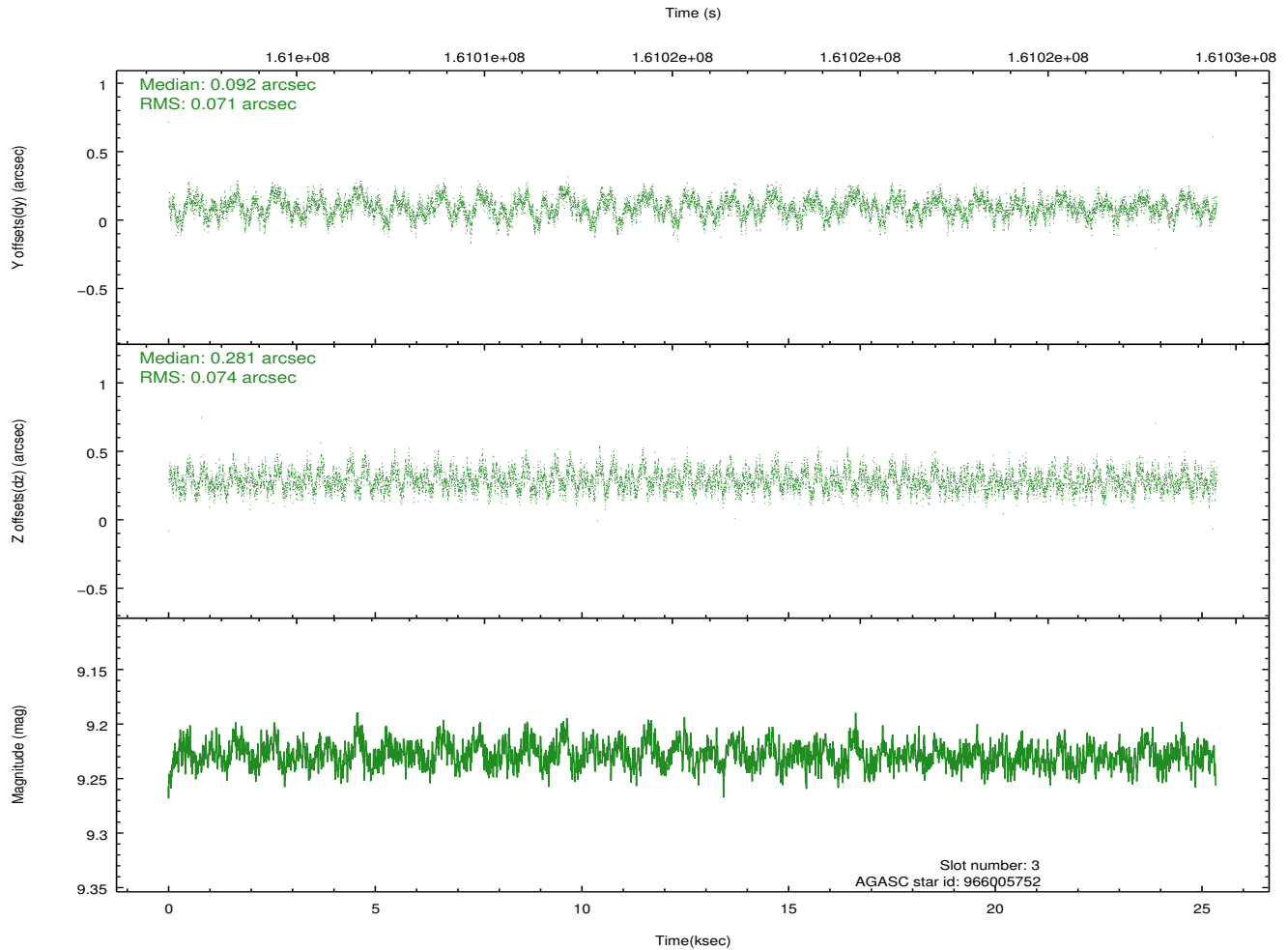
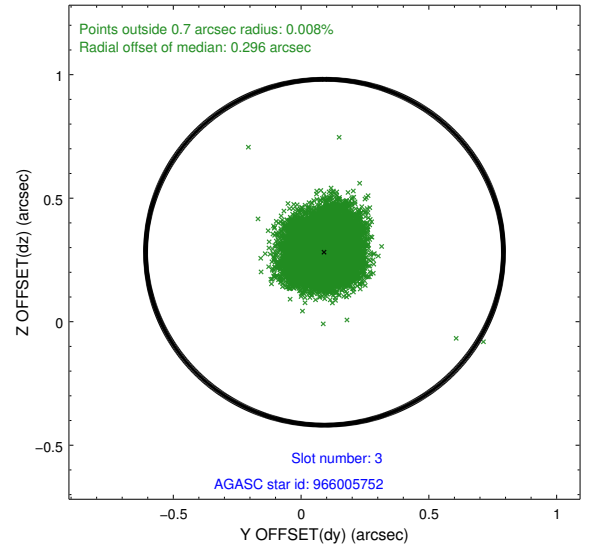
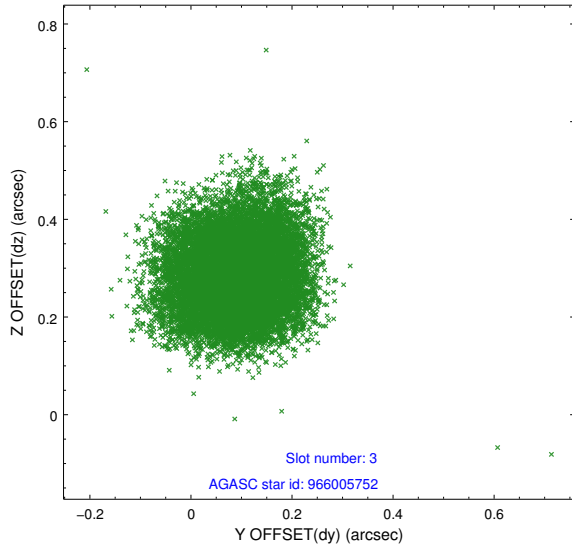


Slot Statistics

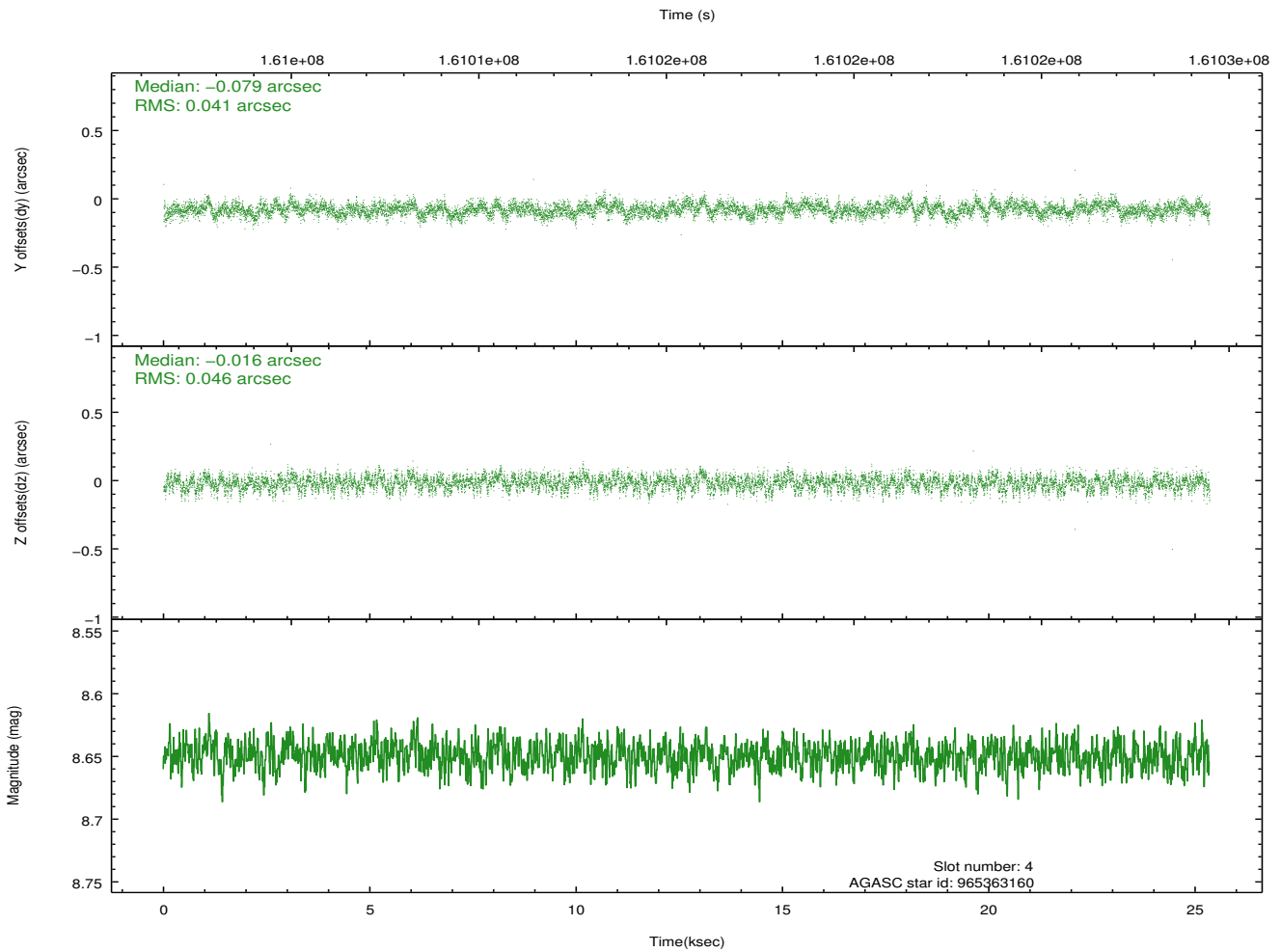
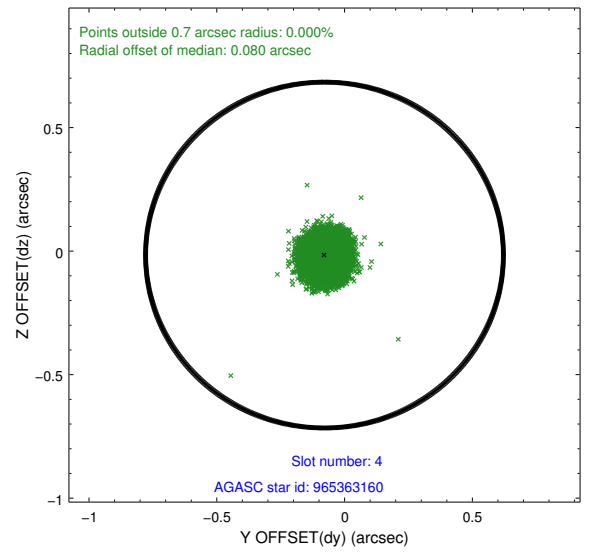
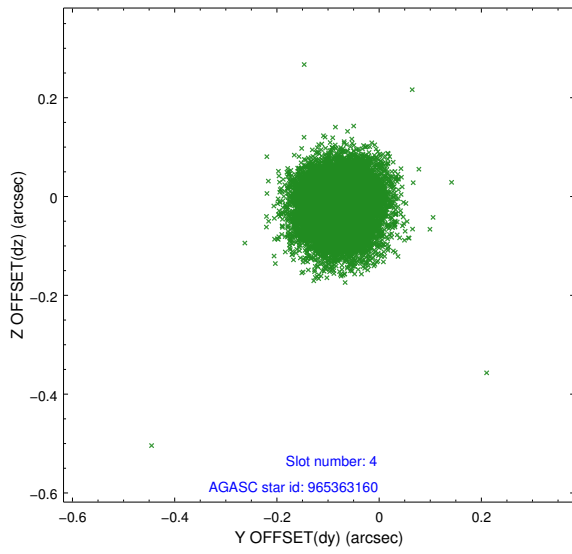
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	6183	-0.008	-0.012	0.009	0.016	0.000000	0.000000	-755.74	-1729.09
1	FID	ACIS-S-4	7.20	6183	-0.007	0.007	0.009	0.016	0.000000	0.000000	2157.49	179.29
2	FID	ACIS-S-5	7.24	6182	-0.017	0.014	0.010	0.021	0.000000	0.000000	-1808.44	173.11
3	GUIDE	966005752	9.23	12361	0.092	0.281	0.110	0.172	259.407587	-34.580367	-1944.26	-2320.57
4	GUIDE	965363160	8.65	12366	-0.079	-0.016	0.066	0.105	258.200115	-33.678909	1444.12	1142.49
5	GUIDE	965878312	9.48	12347	-0.045	-0.320	0.105	0.166	257.833869	-34.244132	-553.36	2302.38
6	GUIDE	966005376	9.59	12360	0.180	0.150	0.103	0.165	258.892252	-34.492869	-1562.22	-807.54
7	GUIDE	965873176	8.58	12364	-0.148	-0.097	0.093	0.146	258.244011	-33.915164	589.48	1040.97

2.4 Star Slots

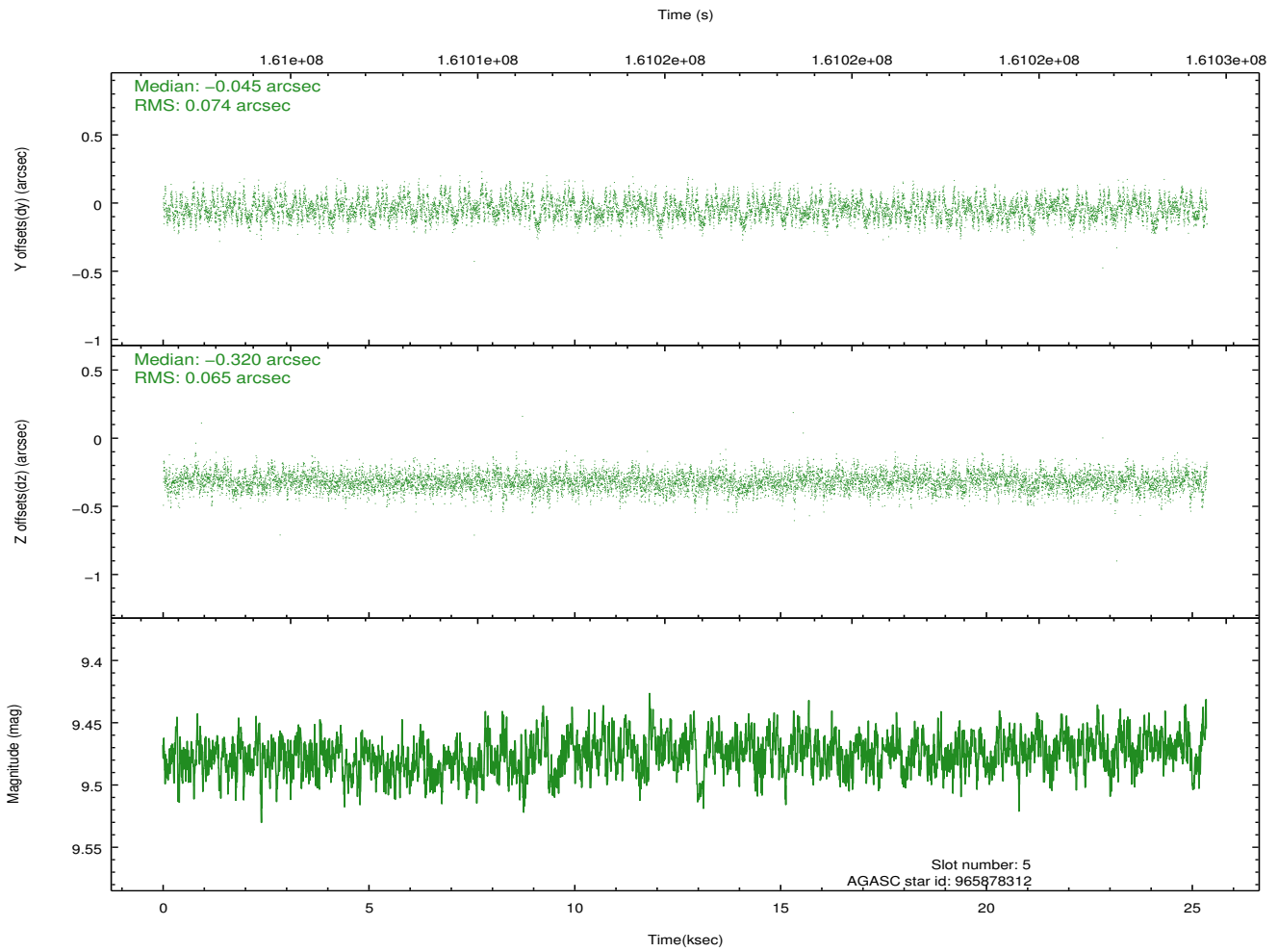
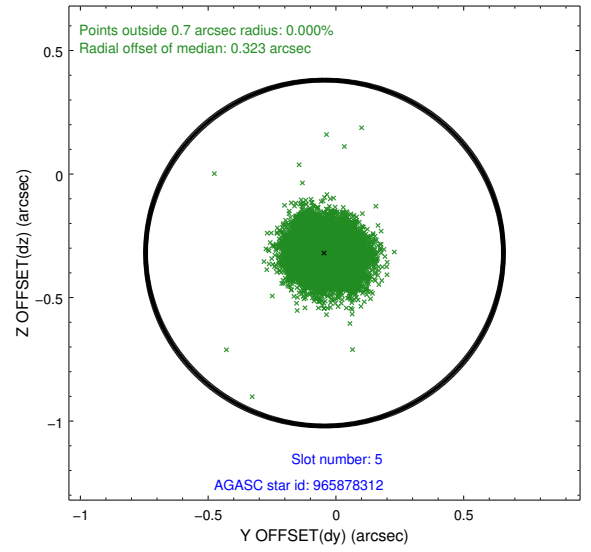
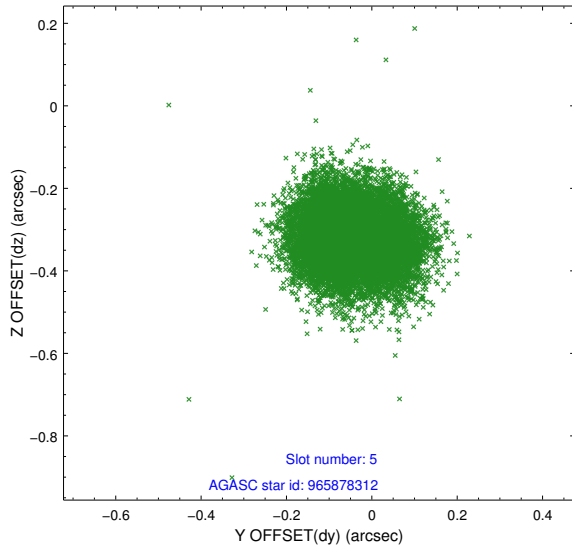
2.4.1 Slot 3



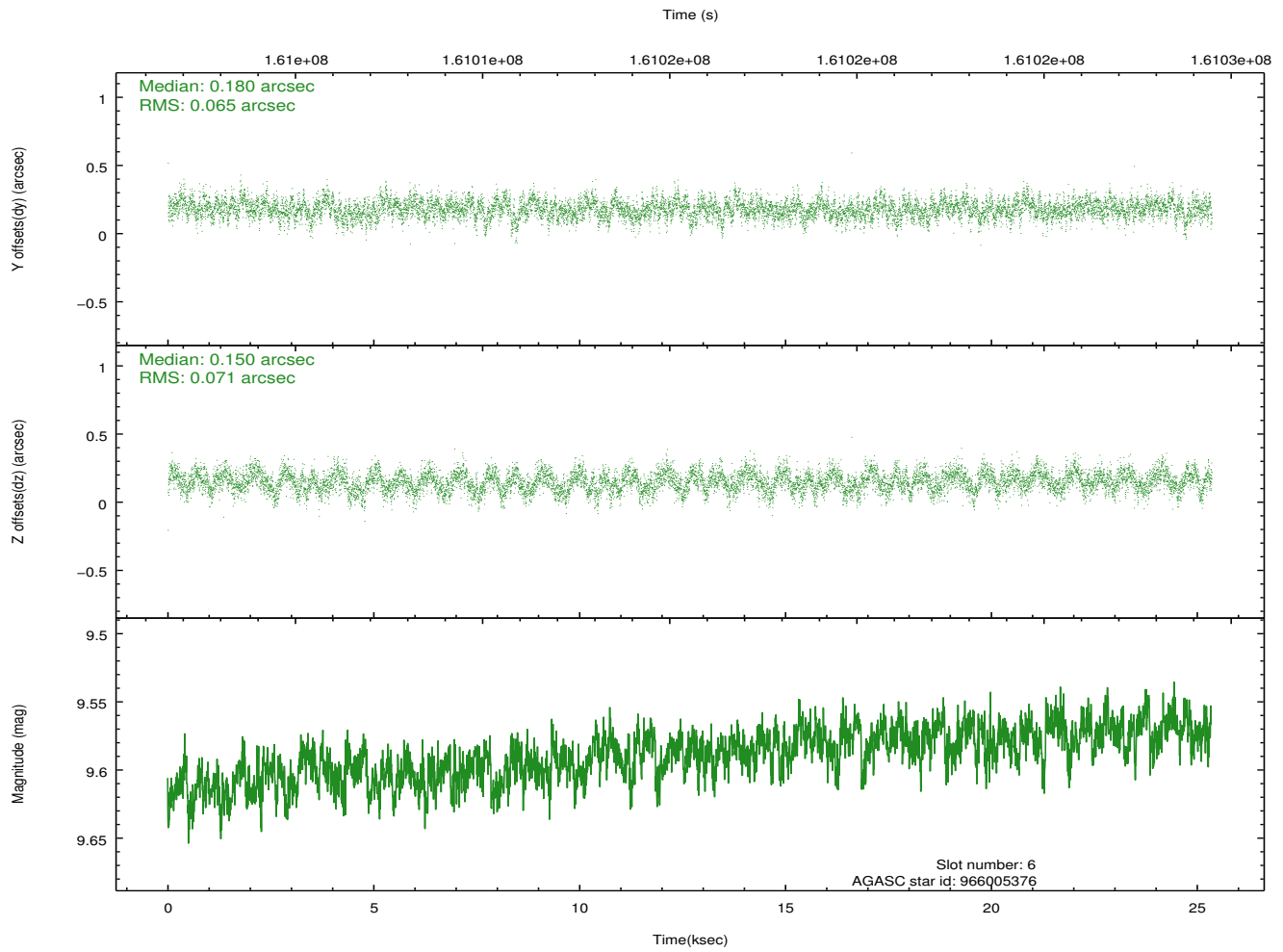
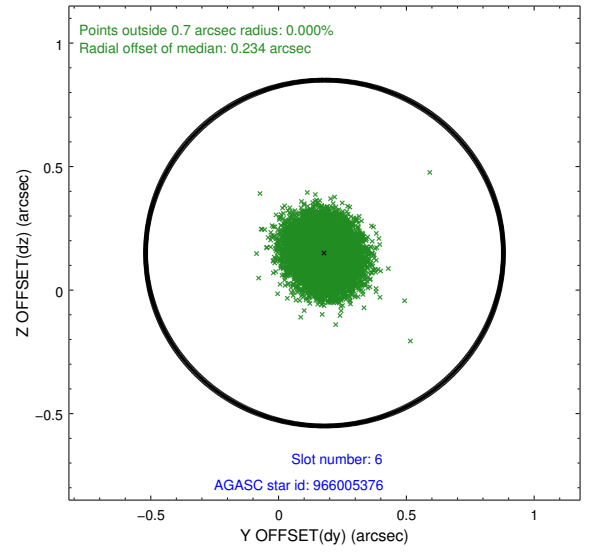
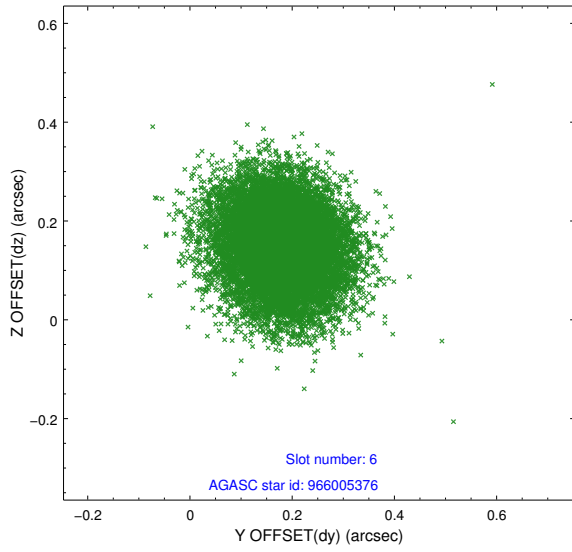
2.4.2 Slot 4



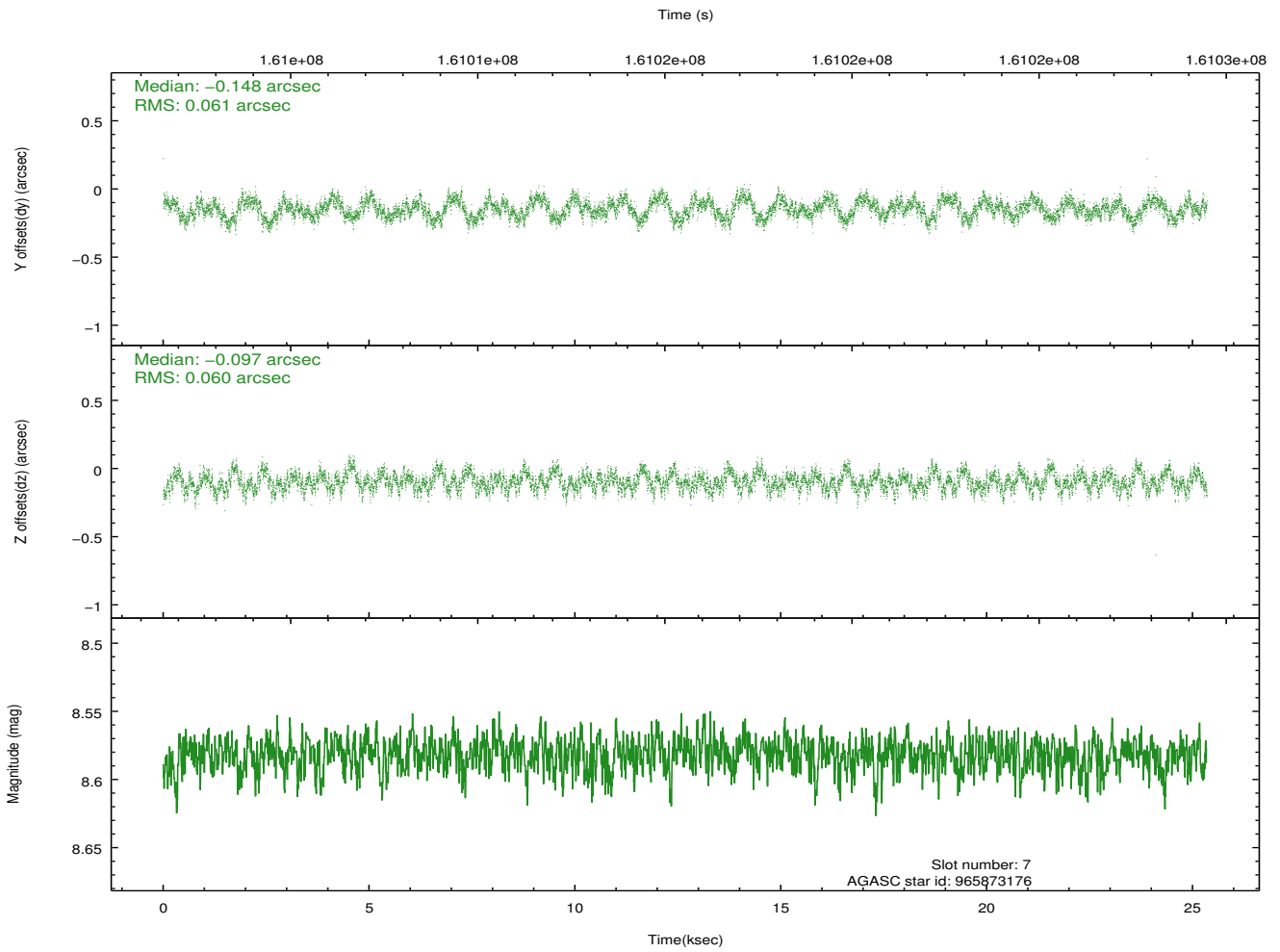
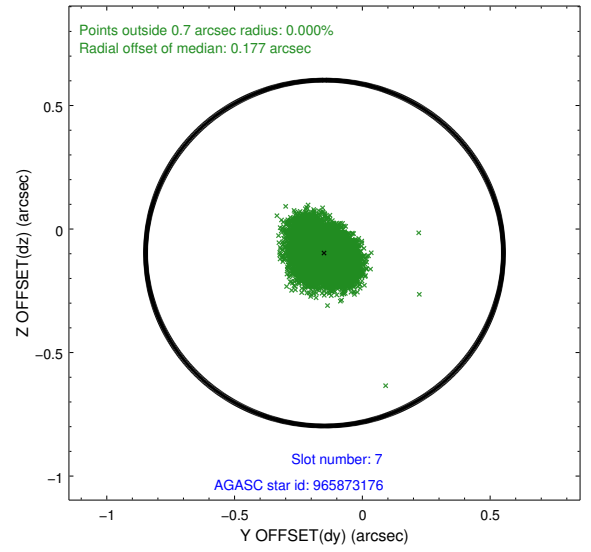
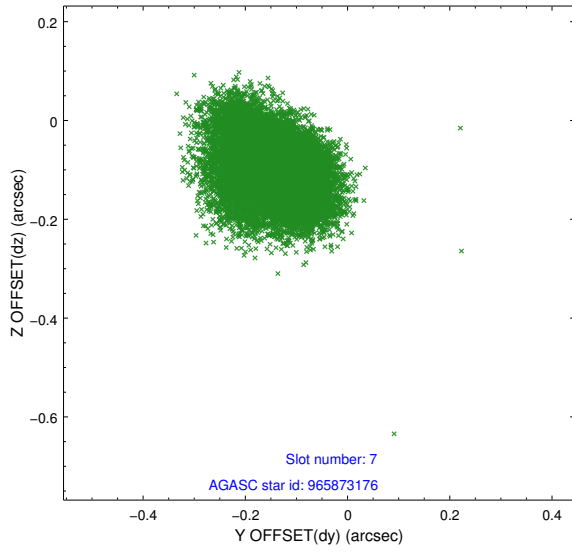
2.4.3 Slot 5



2.4.4 Slot 6

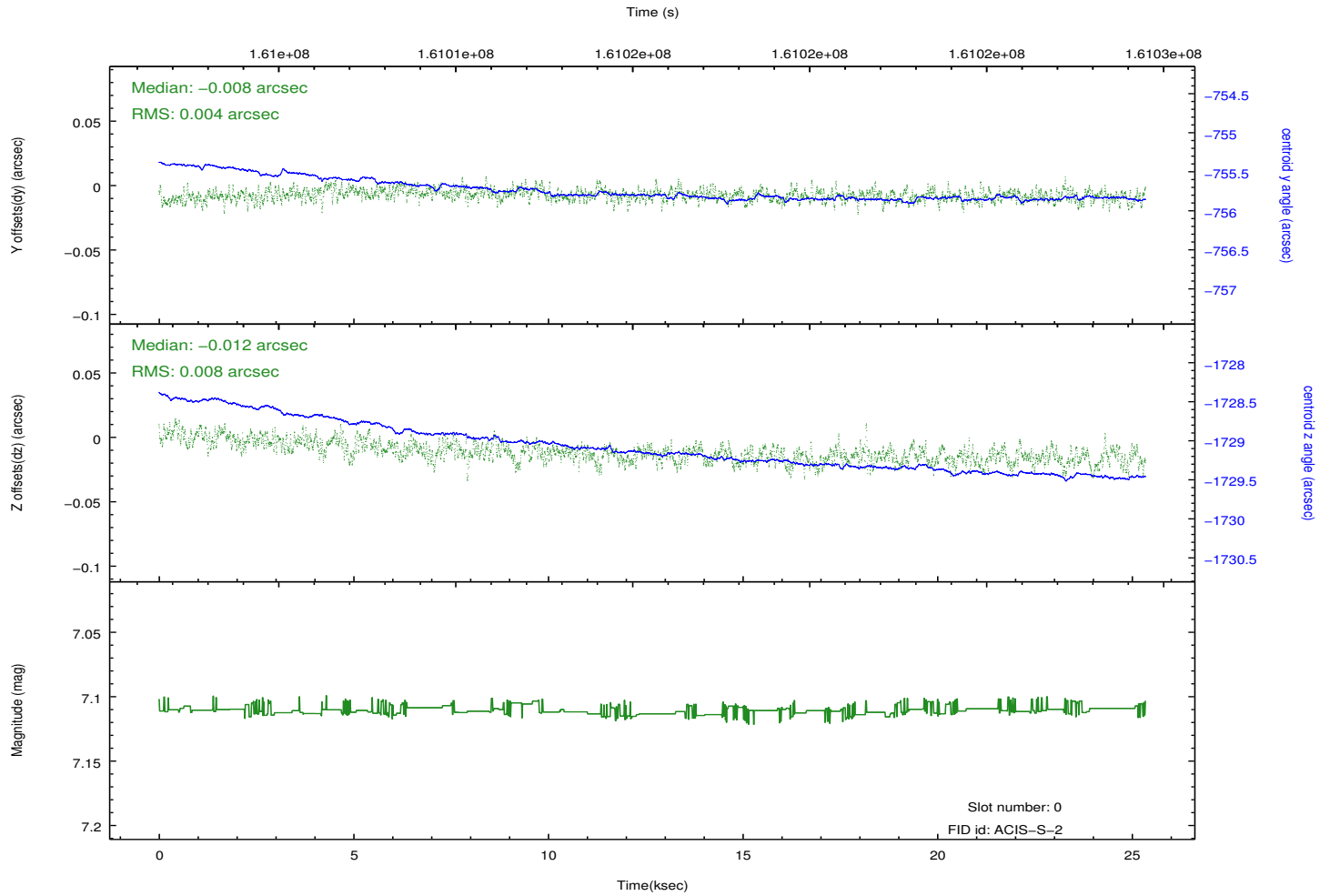
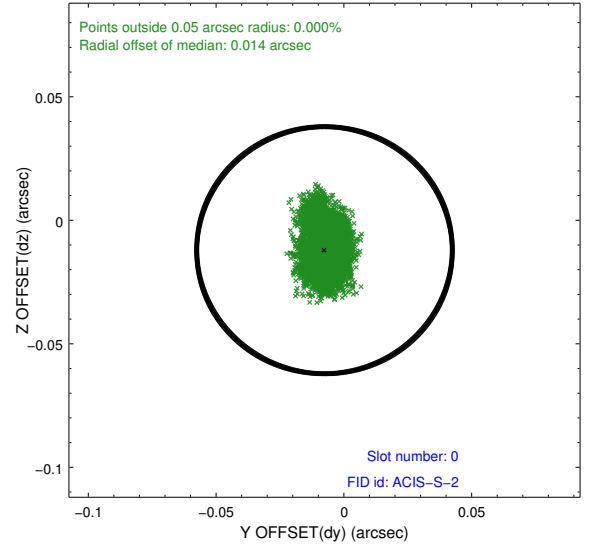
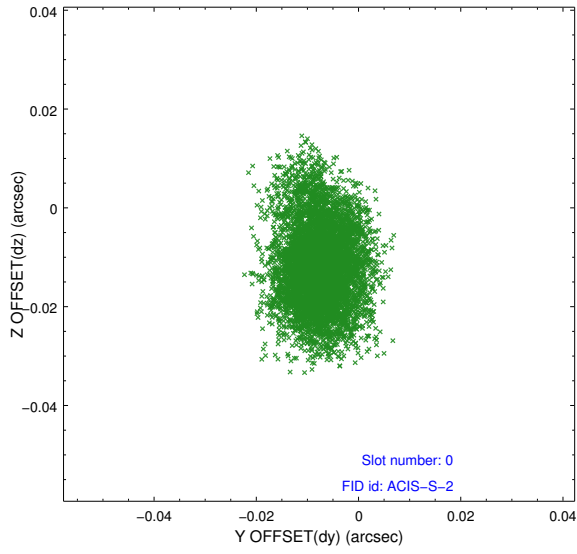


2.4.5 Slot 7

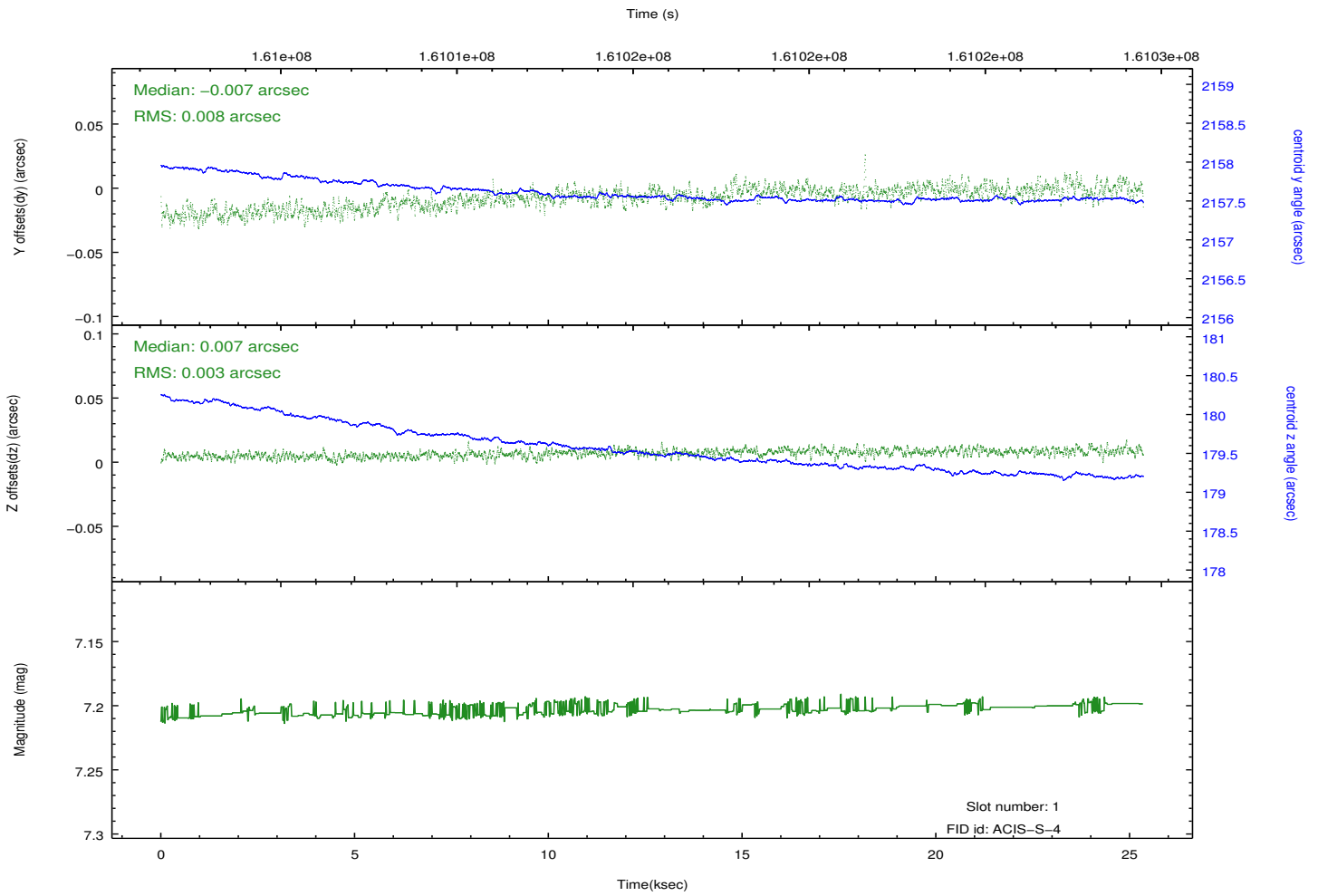
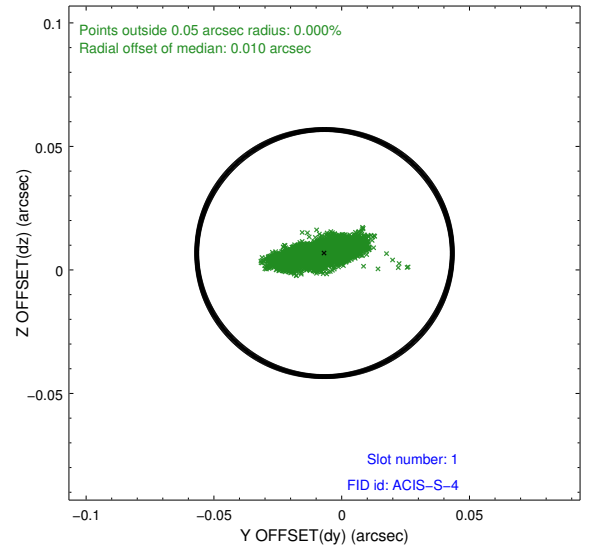
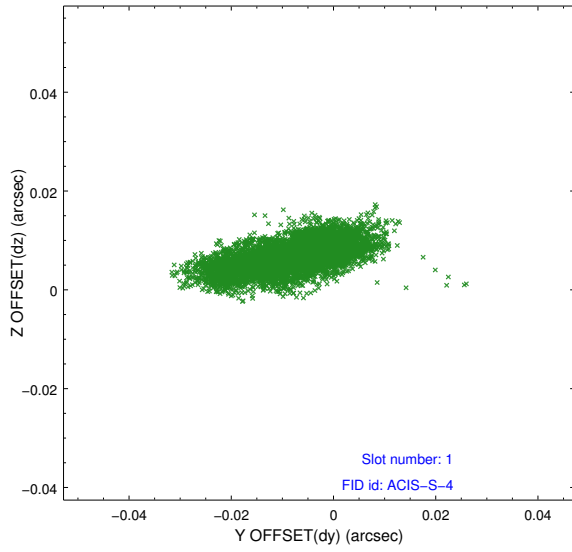


2.5 FID Slots

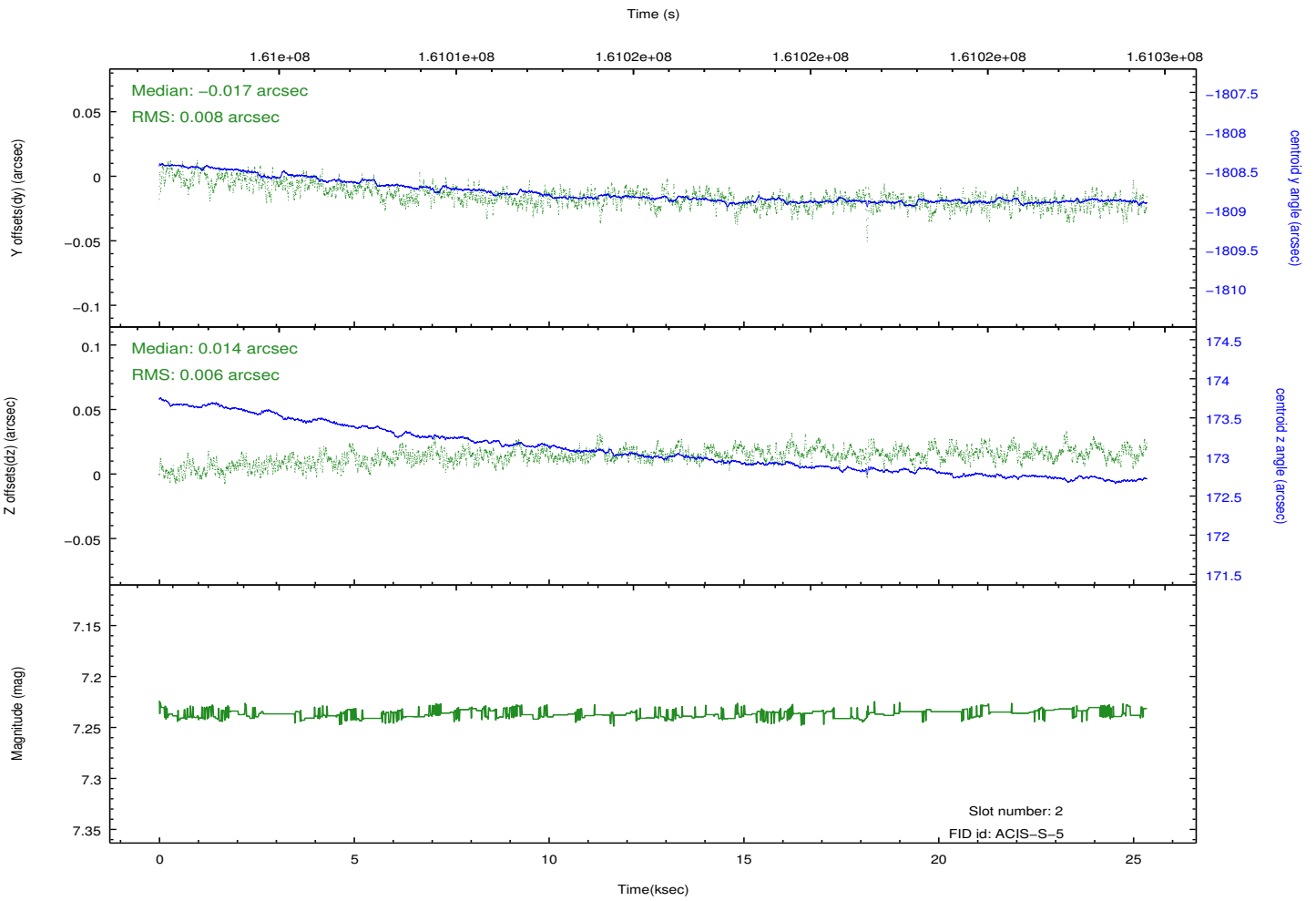
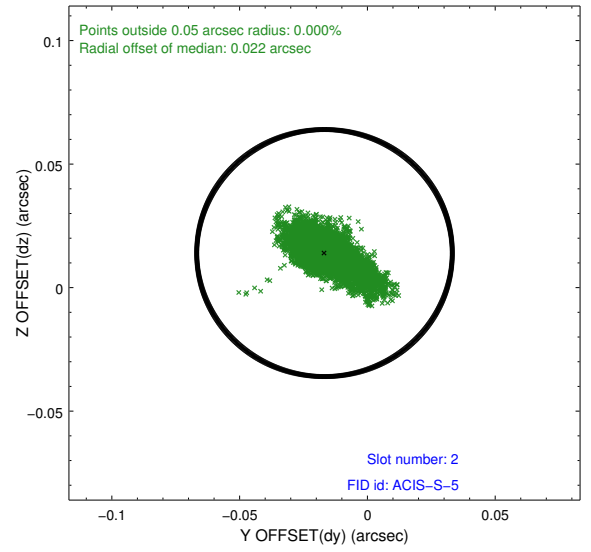
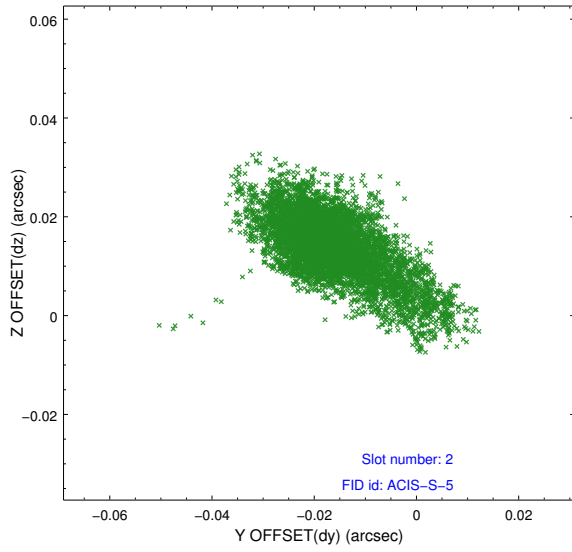
2.5.1 Slot 0



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)	2012.11.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.344

A.2 Comments