

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13551 - L2 Version 2
Chandra X-Ray Center

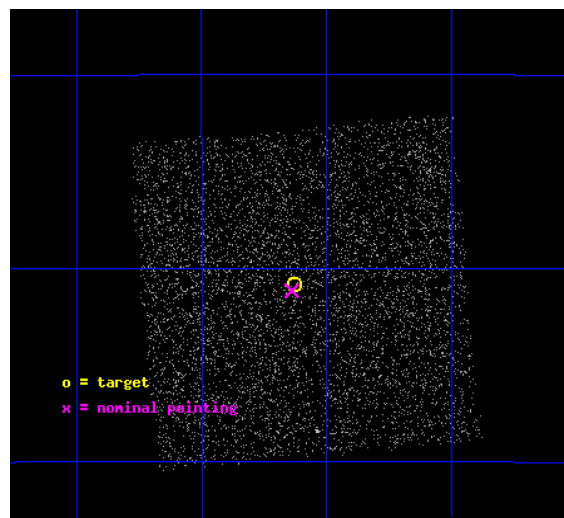
L2 Processing Date : Feb 25 2012

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1 Front

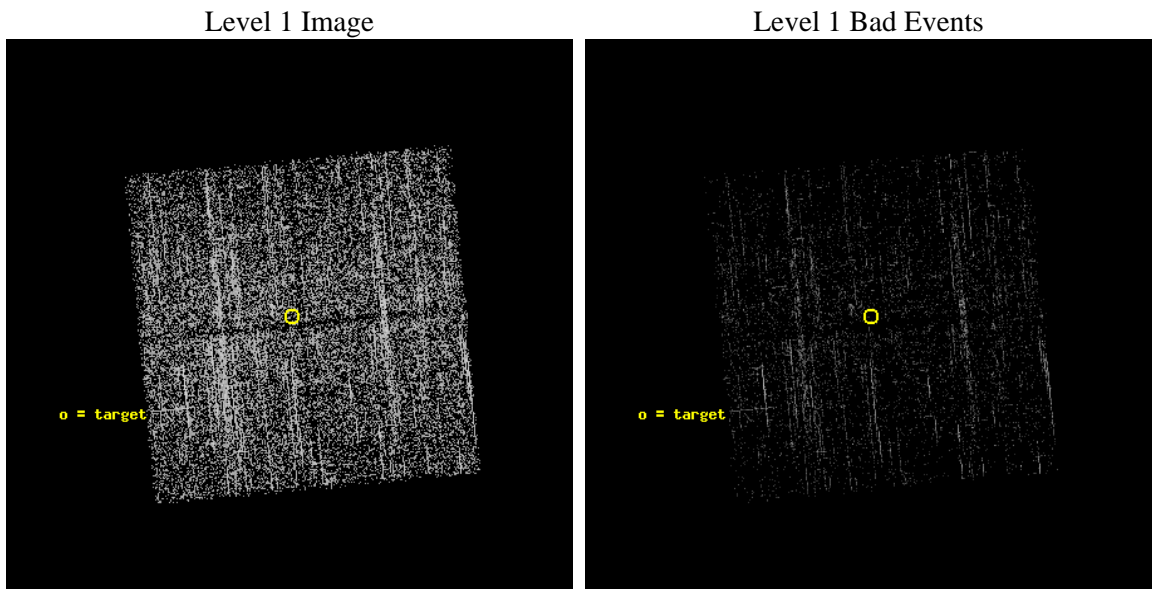
seq_num	401327	Sequence number
obs_id	13551	Observation id
title	Completing the Galactic Bulge Survey: categorizing the plethora of faint X-ray sources in the Galactic Bulge	Proposal title
observer	dr P Jonker	Principal investigator
object	GBS13-3	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	268.65782	Observer's specified target RA [deg]
dec_targ	-29.347388	Observer's specified target Dec [deg]
ra_nom	268.65988935804	Nominal RA [deg]
dec_nom	-29.352740047025	Nominal Dec [deg]
roll_nom	264.5760334737	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1971.6000151634	Sum of GTIs [s]
livetime	1945.8396094945	Livetime [s]
ontime0	1971.6000151634	Sum of GTIs [s]
ontime1	1971.6000151634	Sum of GTIs [s]
ontime2	1971.6000151634	Sum of GTIs [s]
ontime3	1971.6000151634	Sum of GTIs [s]
l2events	6934	Number of level 2 events



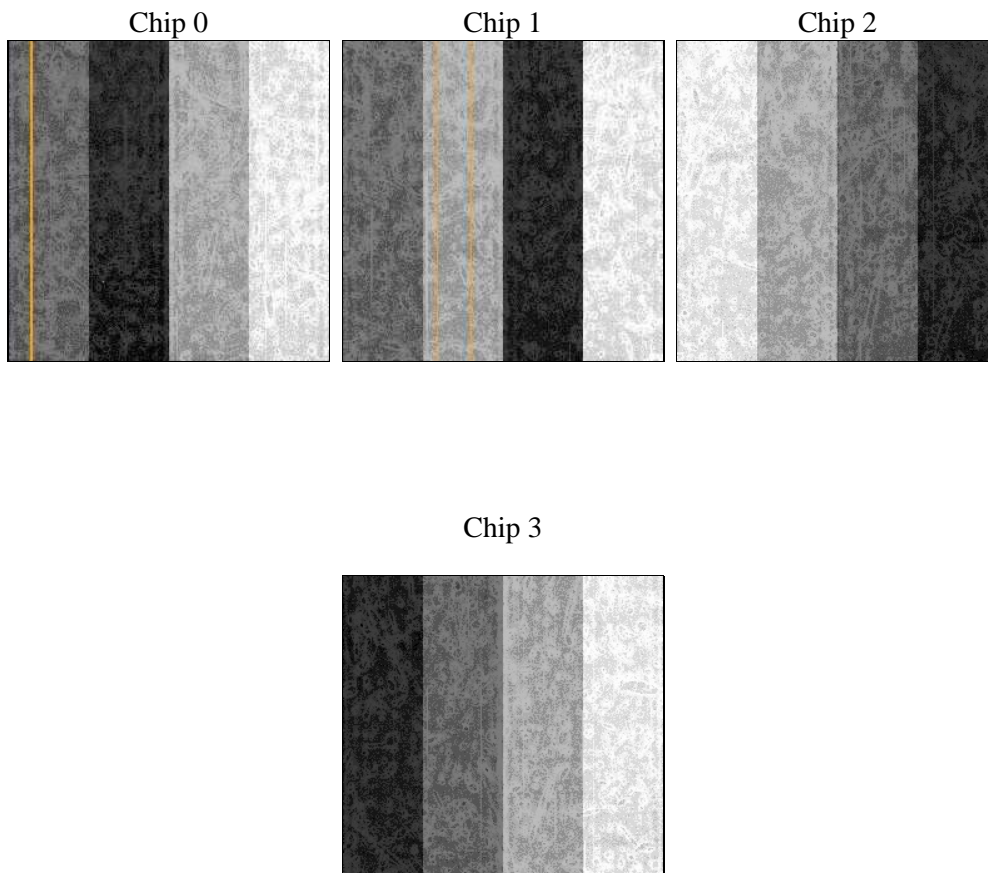
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2180.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	1971.6000151634	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	1971.6000151634	Sum of GTIs [s]
date	2012-02-26T01:21:16	Date and time of file creation	ontime1	1971.6000151634	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	1971.6000151634	Sum of GTIs [s]
			ontime3	1971.6000151634	Sum of GTIs [s]
			l1events	47854	Number of level 1 events

2.1.4 Events

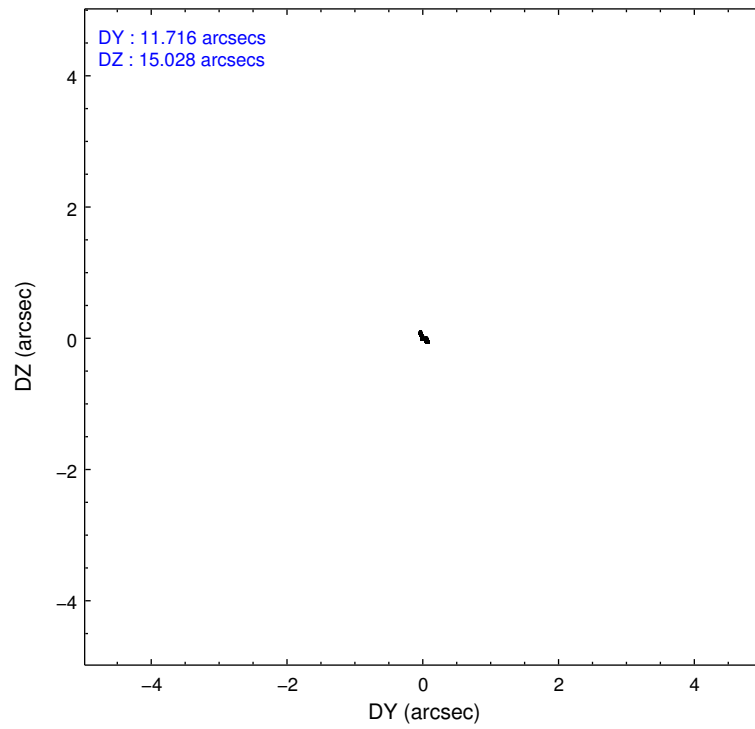
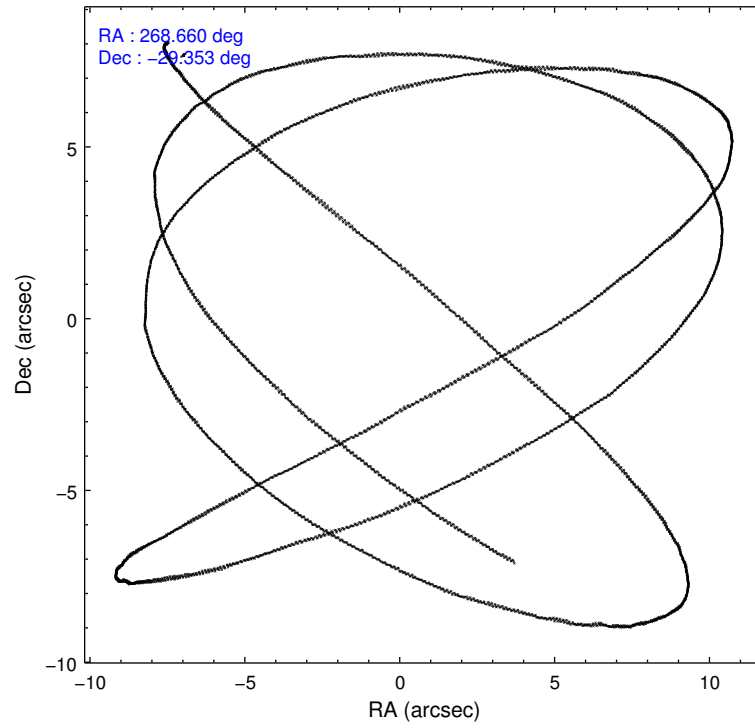
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	11334	11468	13408	11644
rejected events	9372	9521	11338	9658
rejected %	82%	83%	84%	82%

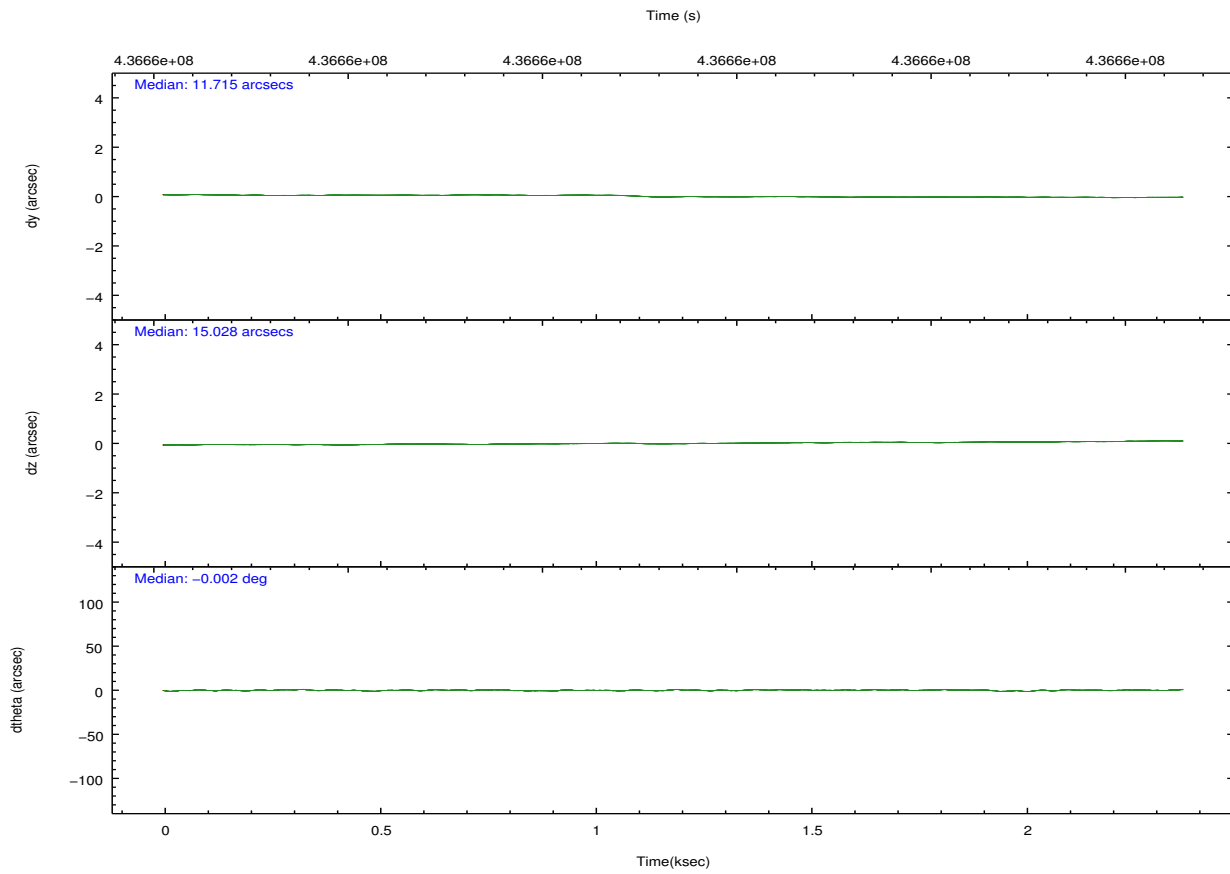
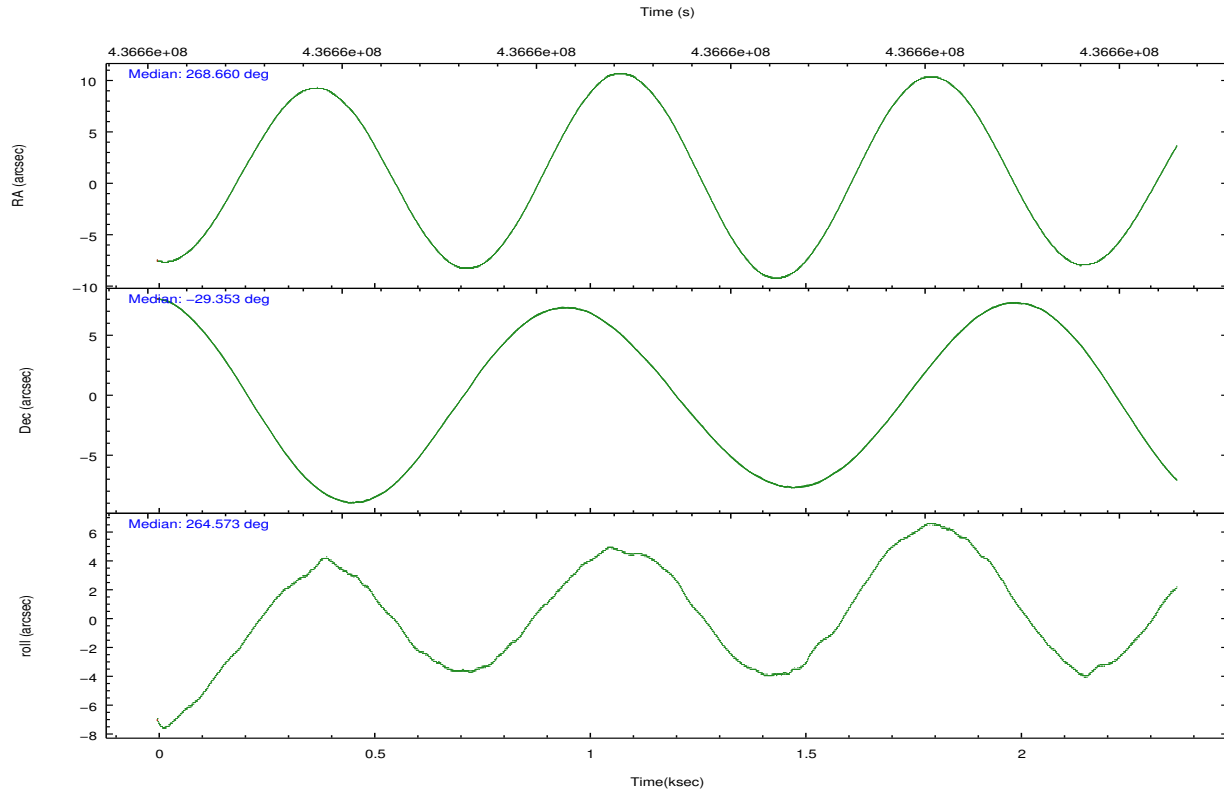
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	909	913	896	919
	8%	7%	6%	7%
grade 1 events	1	7	8	6
	0%	0%	0%	0%
grade 2 events	378	379	450	348
	3%	3%	3%	2%
grade 3 events	191	175	182	166
	1%	1%	1%	1%
grade 4 events	149	141	164	163
	1%	1%	1%	1%
grade 5 events	572	593	496	626
	5%	5%	3%	5%
grade 6 events	341	345	382	392
	3%	3%	2%	3%
grade 7 events	8793	8915	10830	9024
	77%	77%	80%	77%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-0123	ACIS-0123	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	268.646780	268.6598893580431	Subarray requested	NONE	NONE
[deg] Pointing Dec	-29.327850	-29.35274004702502	Alternating exposures requested	N	N
[deg] Pointing Roll	264.360944	264.5760334736987	[s] Primary exposure time	0.000000	3.1
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.001439871863259334			
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	436657332.184000	436656956.50156			
Observation start date	2011-11-02T21:41:06	2011-11-02T21:35:56			
[s] Observation end time (MET)	436659512.184000	436659646.6142			
Observation end date	2011-11-02T22:17:26	2011-11-02T22:20:46			
Read mode	TIMED	TIMED			

2.3 Aspect



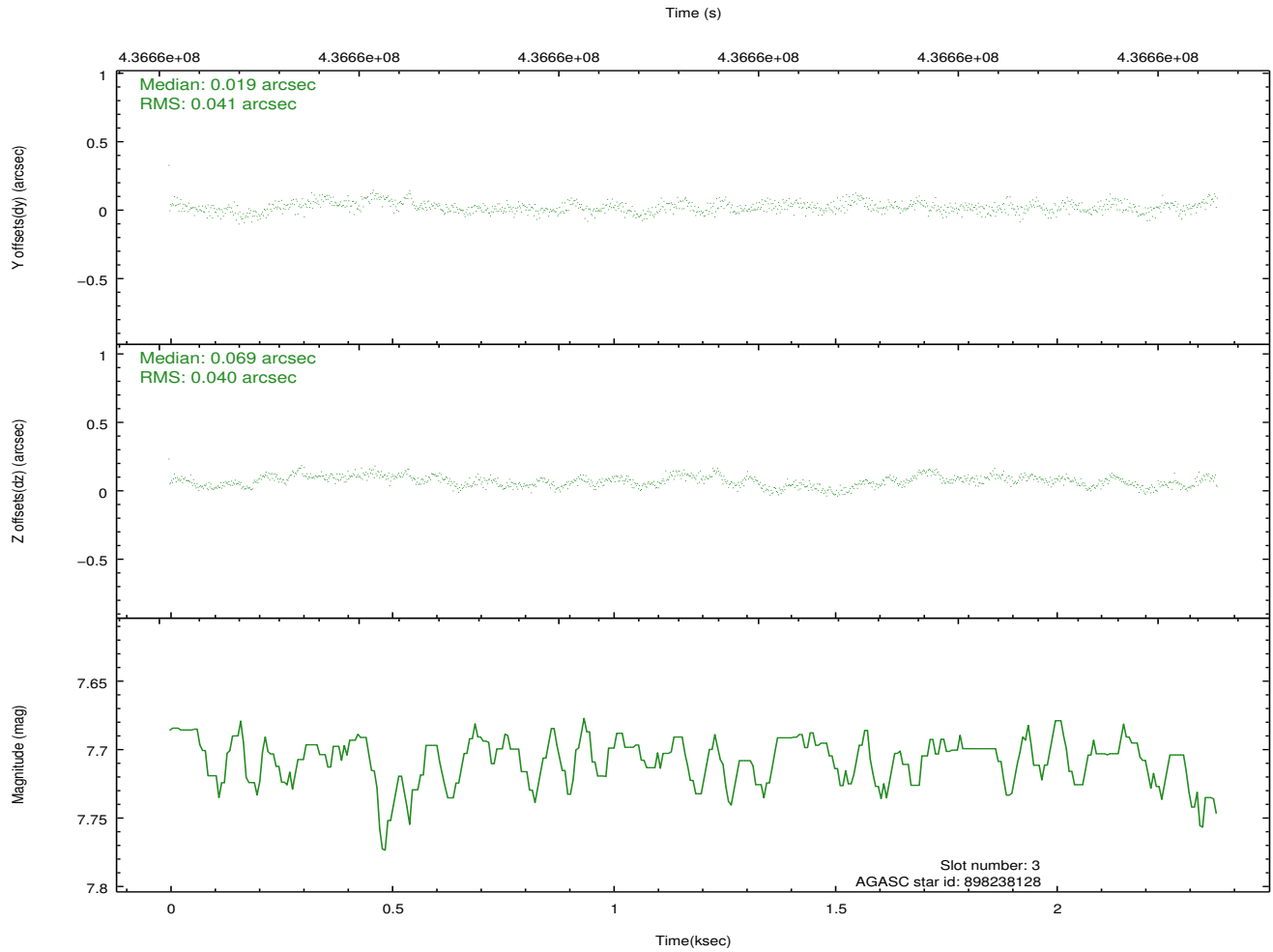
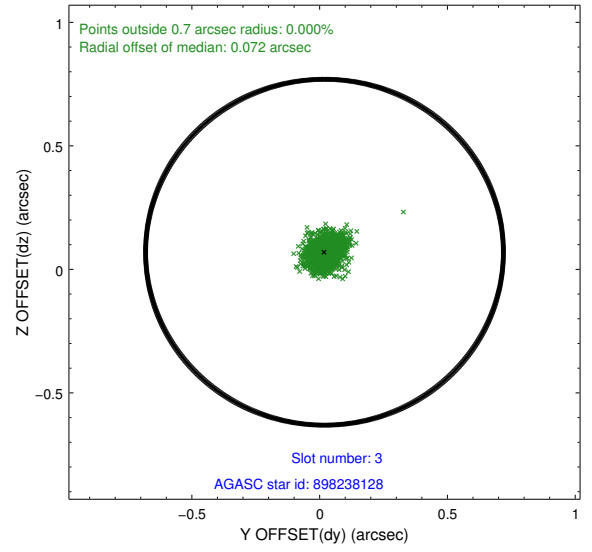
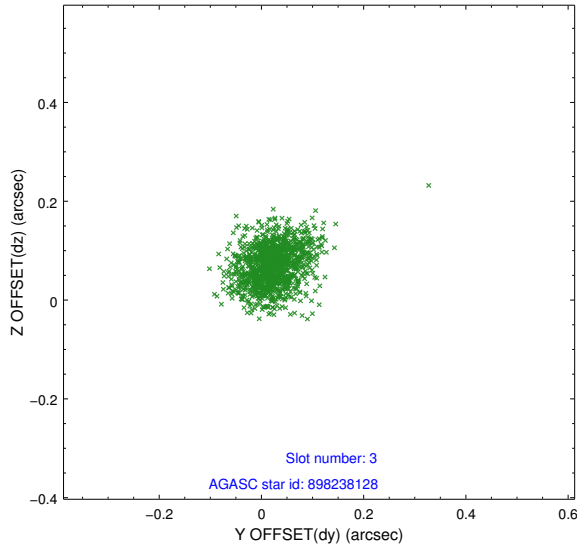


Slot Statistics

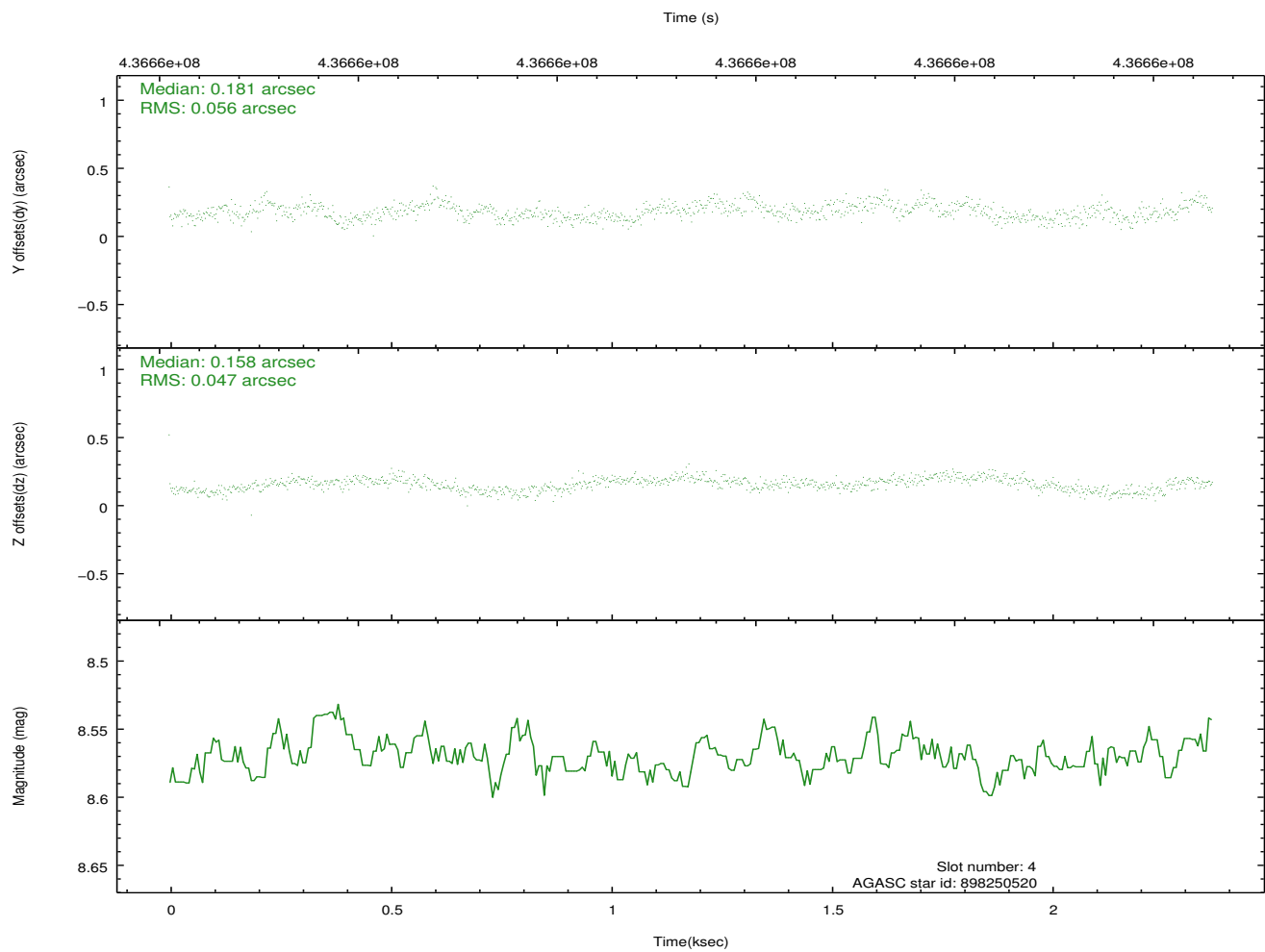
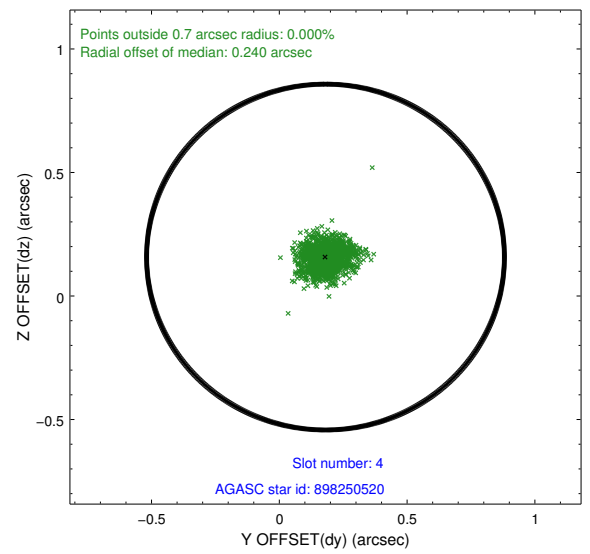
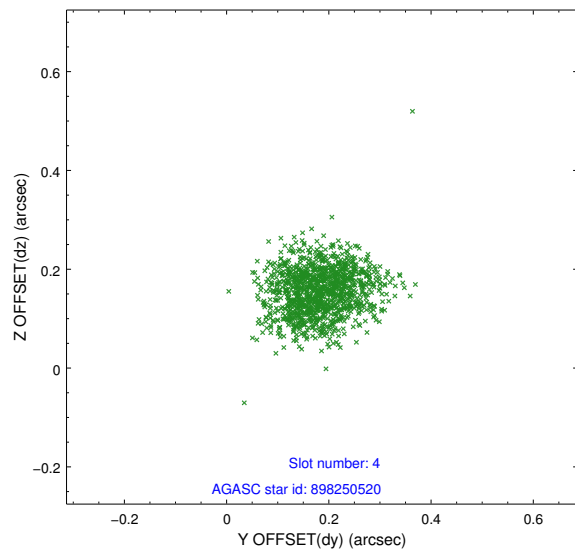
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.03	578	0.041	-0.026	0.007	0.013	0.000000	0.000000	927.86	-838.66
1	FID	ACIS-I-5	7.03	577	-0.195	0.047	0.007	0.011	0.000000	0.000000	-1818.97	1057.51
2	FID	ACIS-I-6	7.03	578	0.062	0.049	0.007	0.013	0.000000	0.000000	390.43	1705.14
3	GUIDE	898238128	7.70	1155	0.019	0.069	0.060	0.098	268.450740	-28.688500	-2228.48	-841.81
4	GUIDE	898250520	8.57	1155	0.181	0.158	0.078	0.121	268.903830	-29.977602	2248.91	1027.62
5	GUIDE	898243552	8.73	1155	-0.561	-0.282	0.110	0.173	267.970066	-28.622317	-2309.35	-2376.23
6	GUIDE	898248800	8.25	1153	0.297	-0.065	0.078	0.130	267.977609	-29.931731	2373.66	-1865.01
7	GUIDE	967050920	7.63	1154	0.058	0.131	0.058	0.099	268.870727	-30.021750	2420.75	939.40

2.4 Star Slots

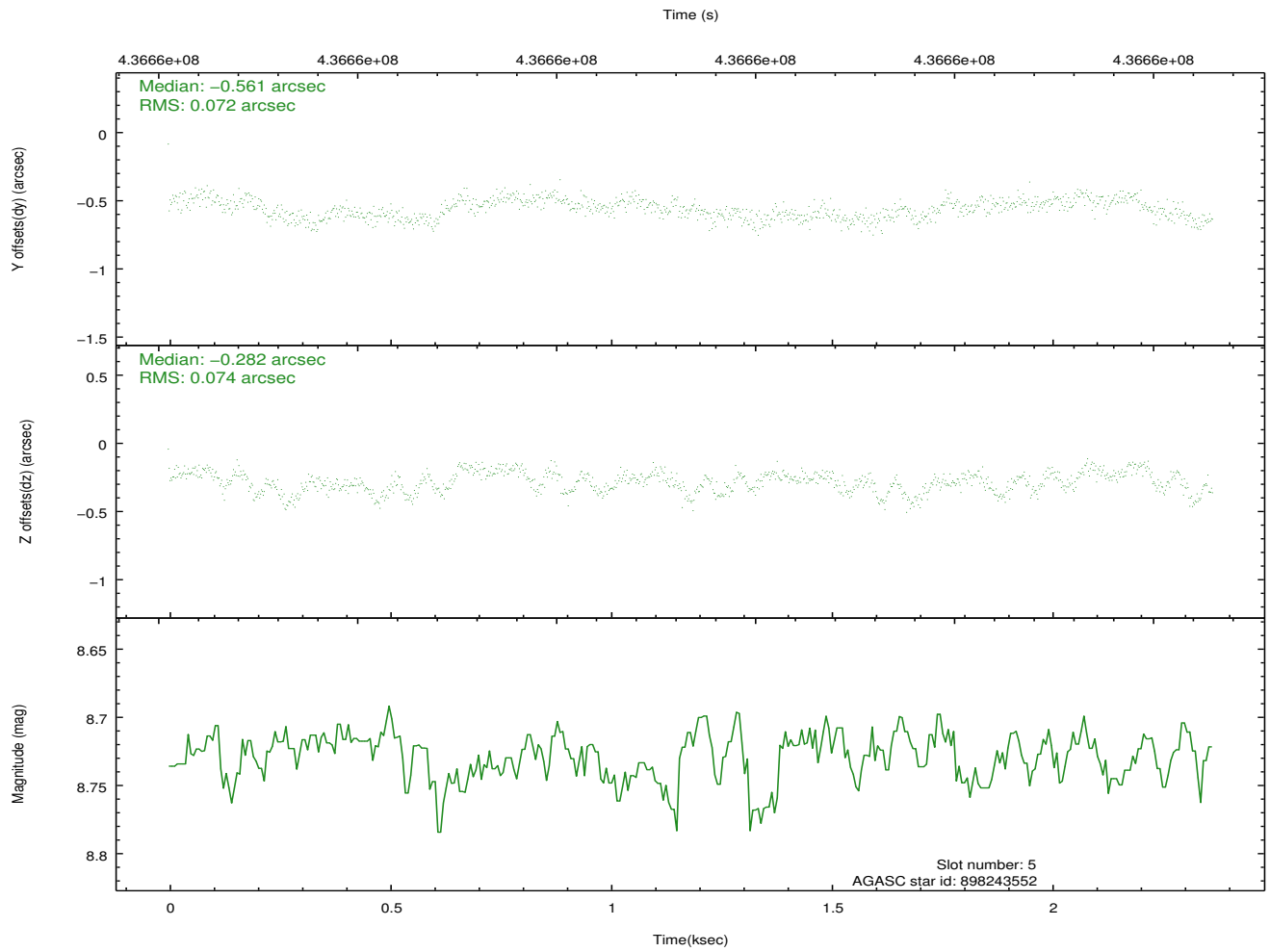
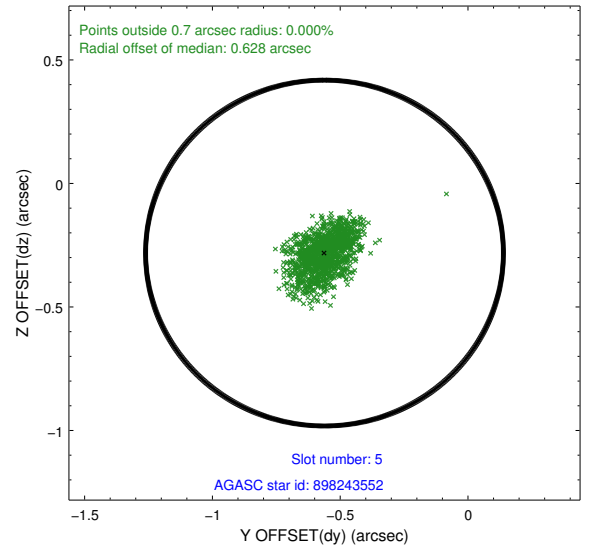
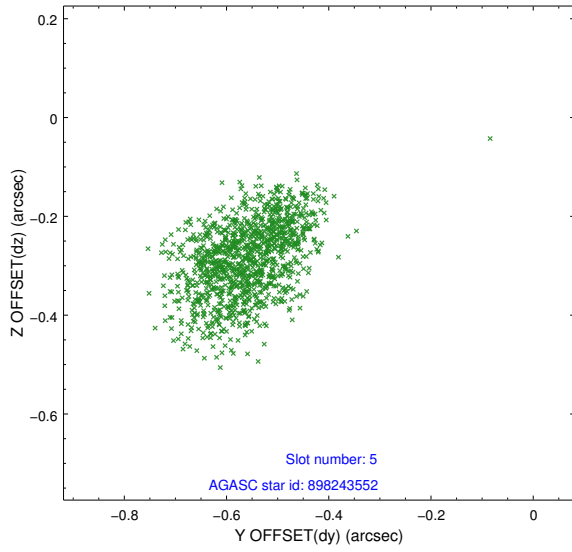
2.4.1 Slot 3



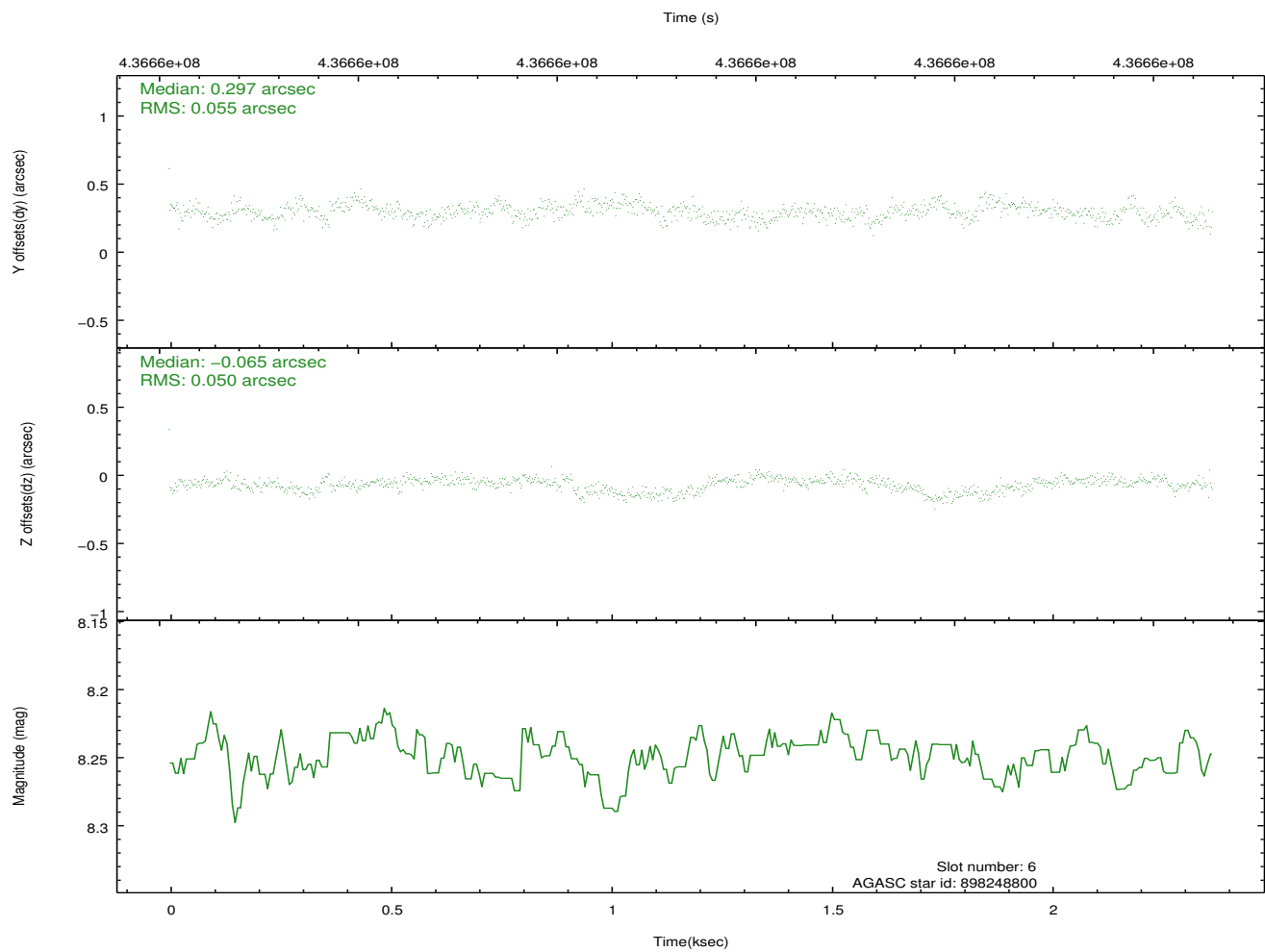
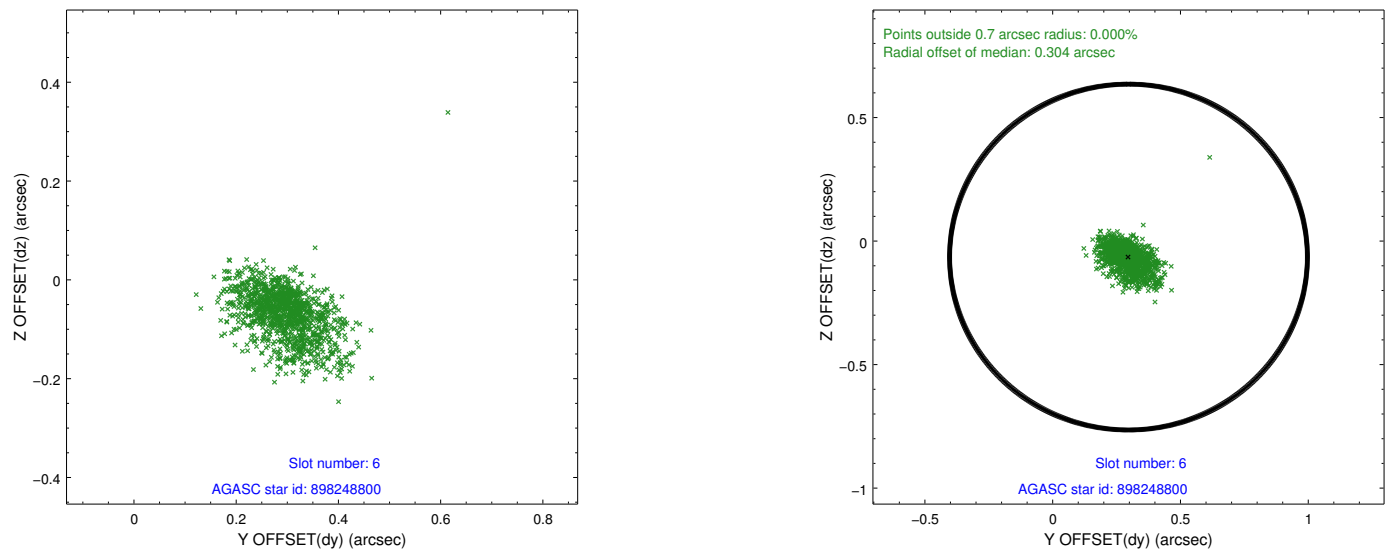
2.4.2 Slot 4



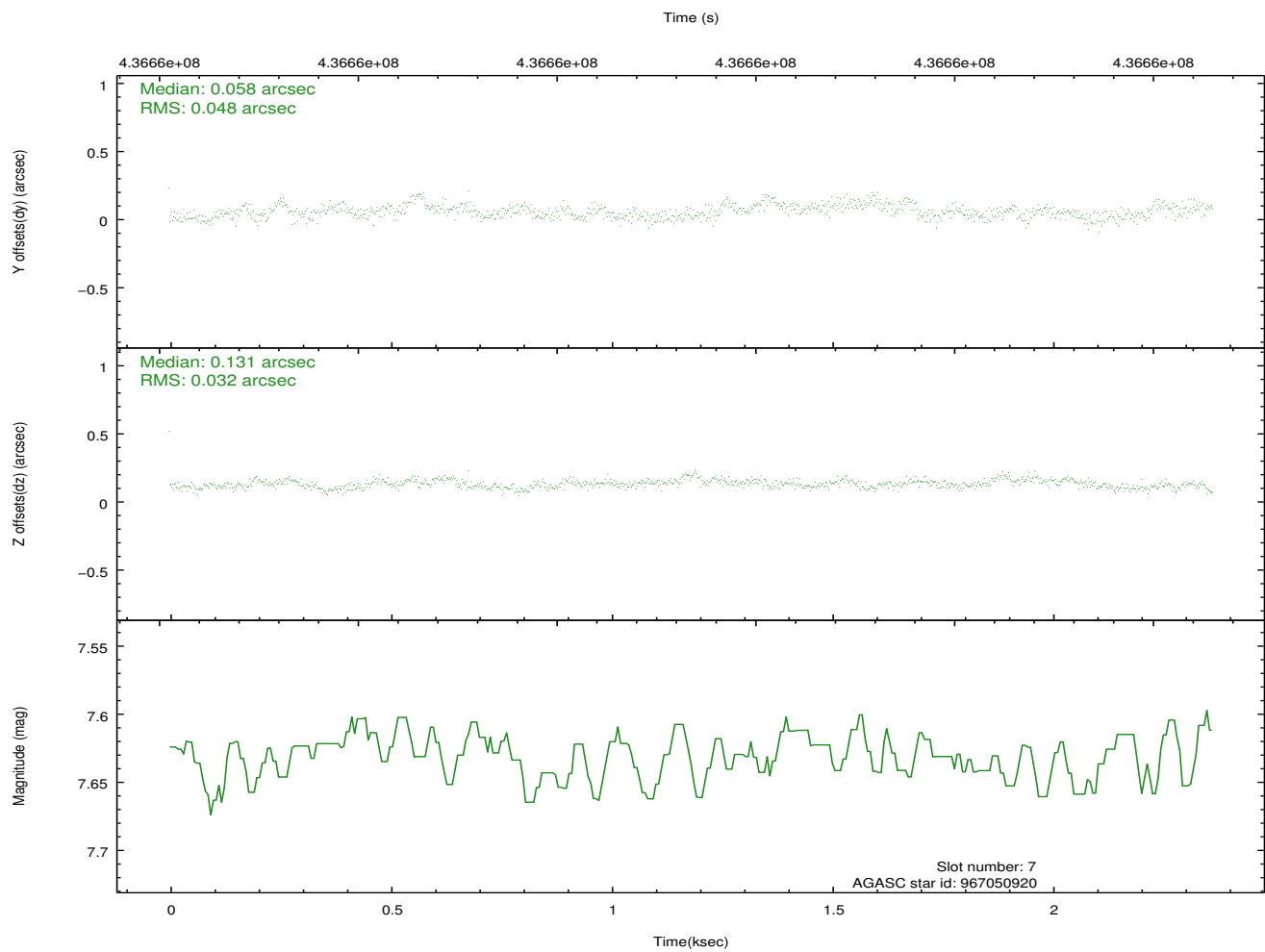
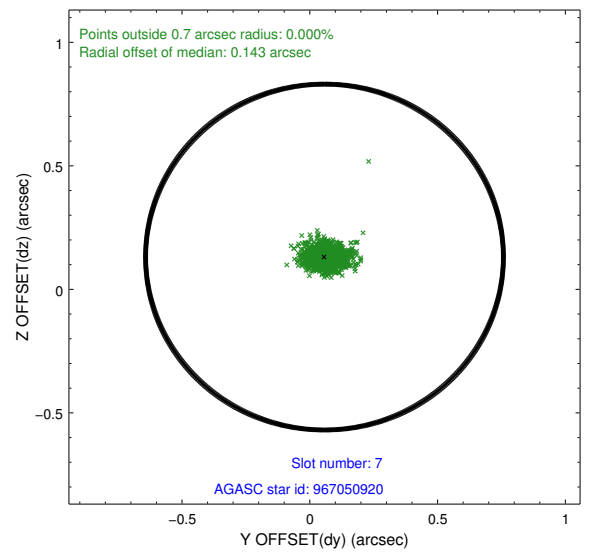
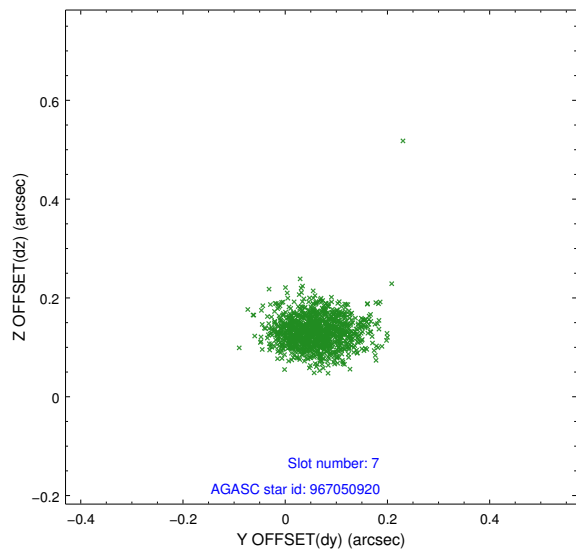
2.4.3 Slot 5



2.4.4 Slot 6

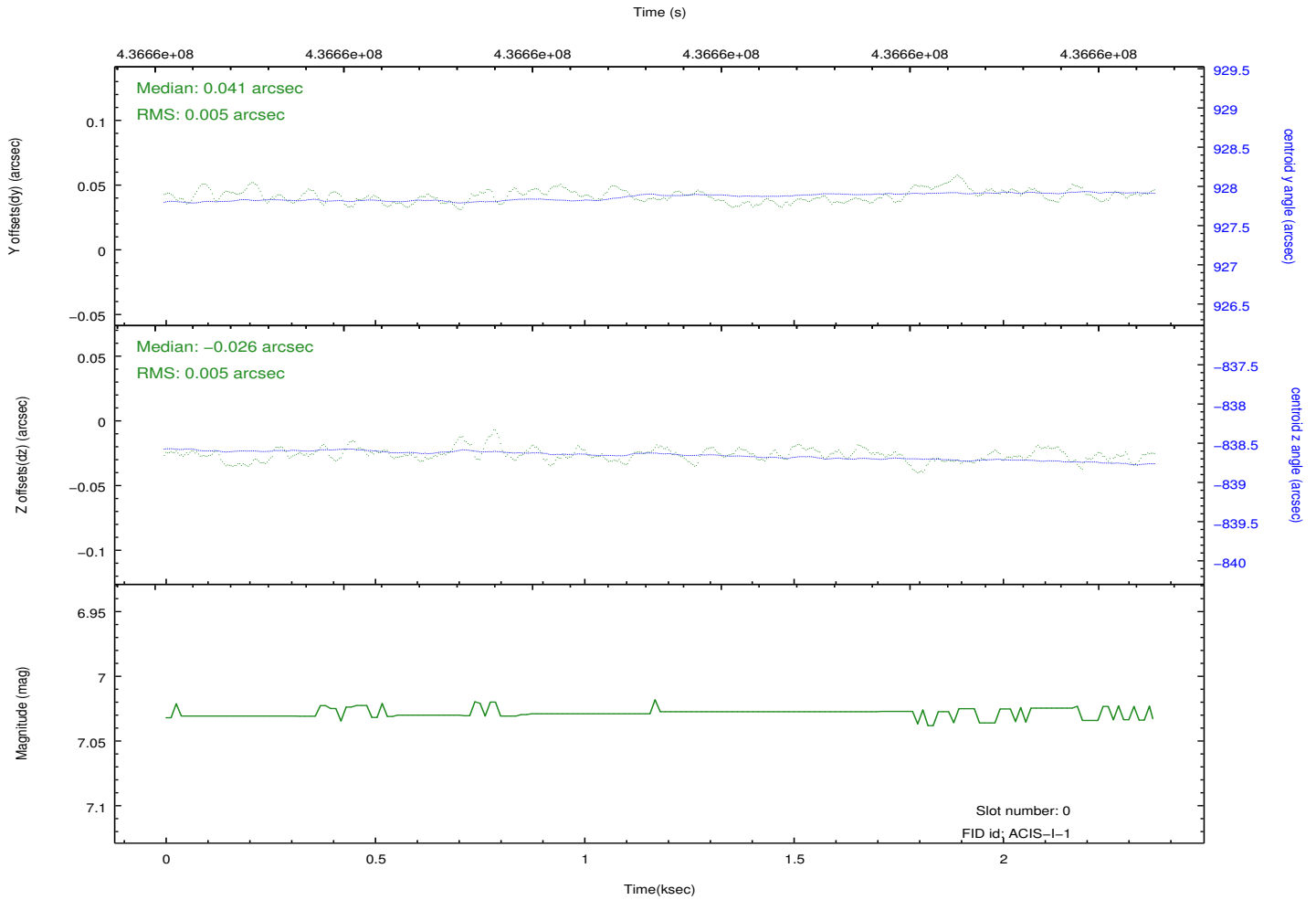
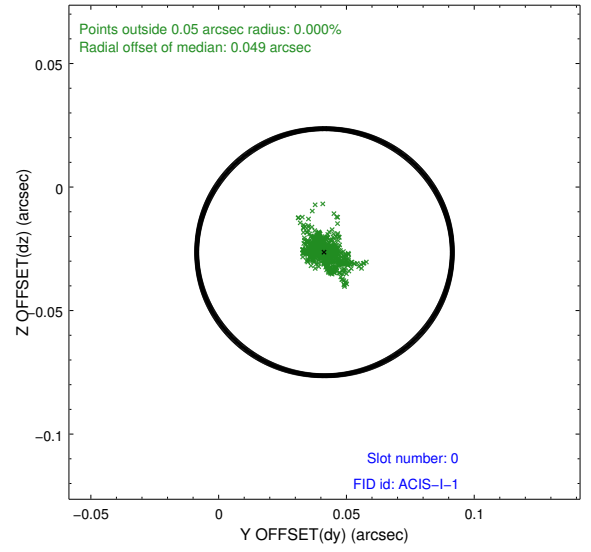
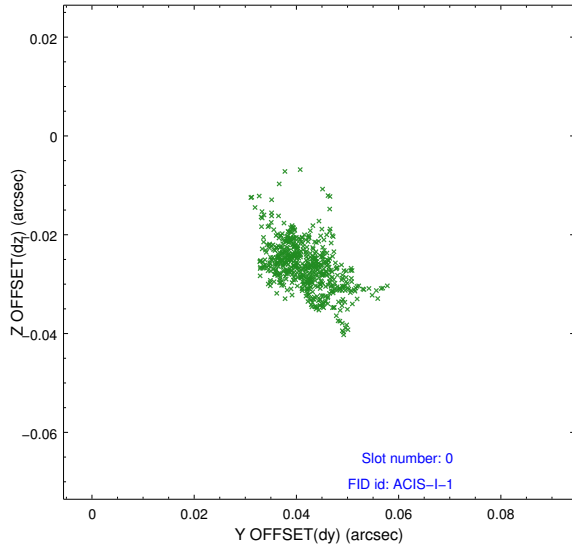


2.4.5 Slot 7

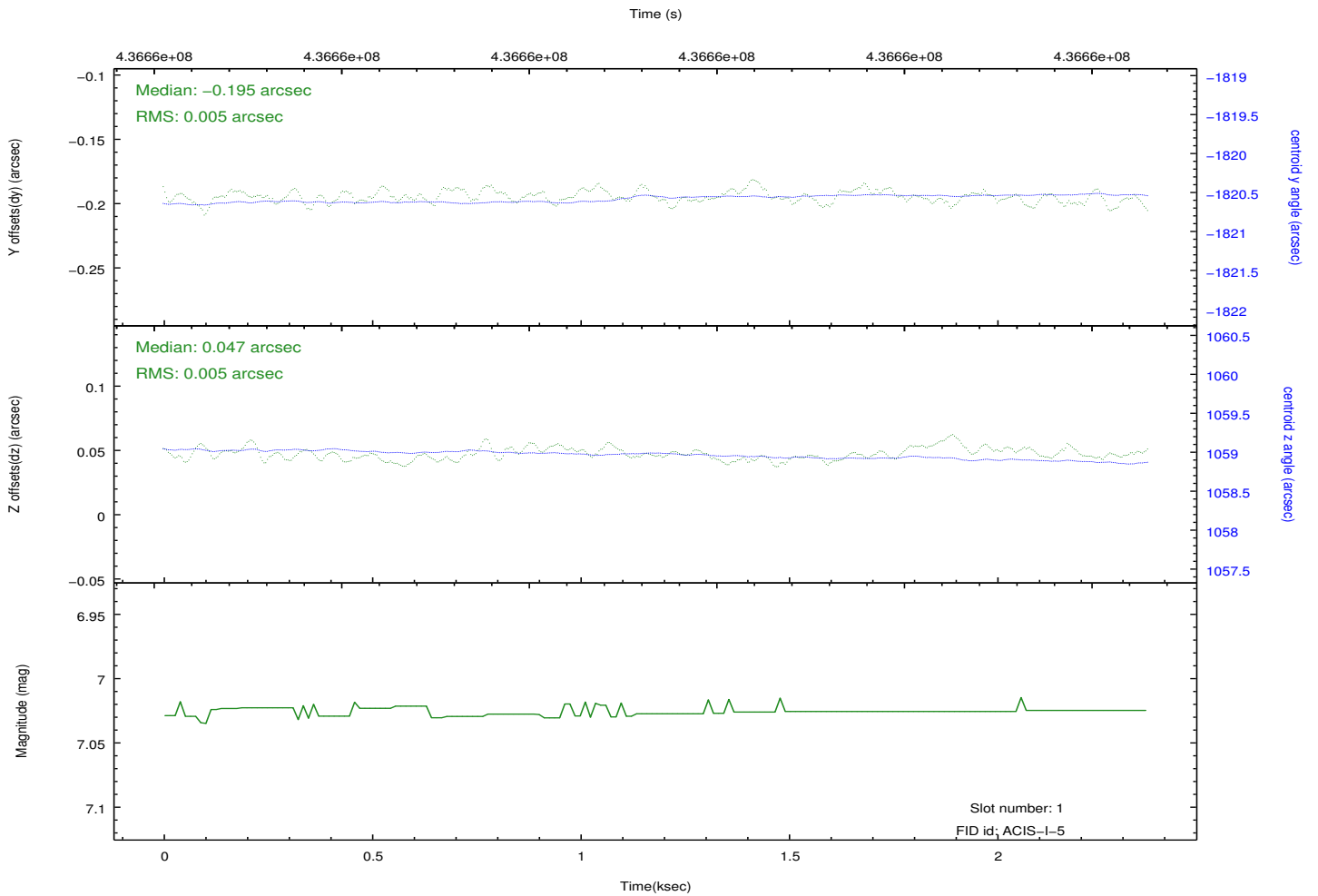
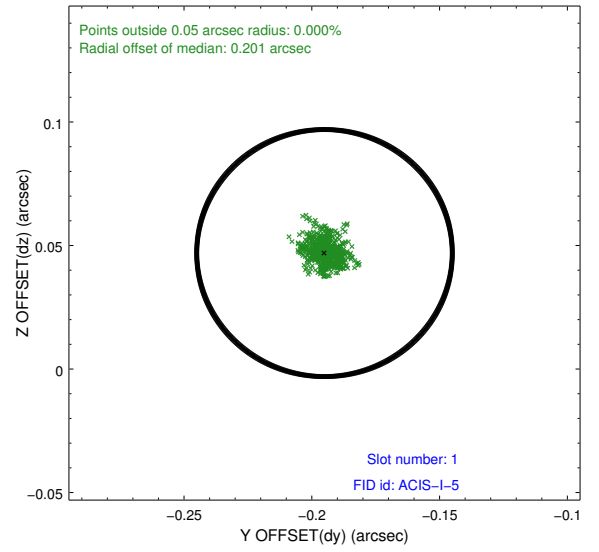
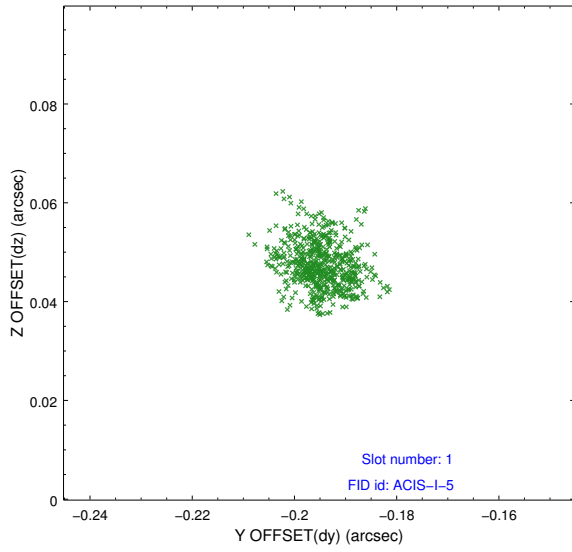


2.5 FID Slots

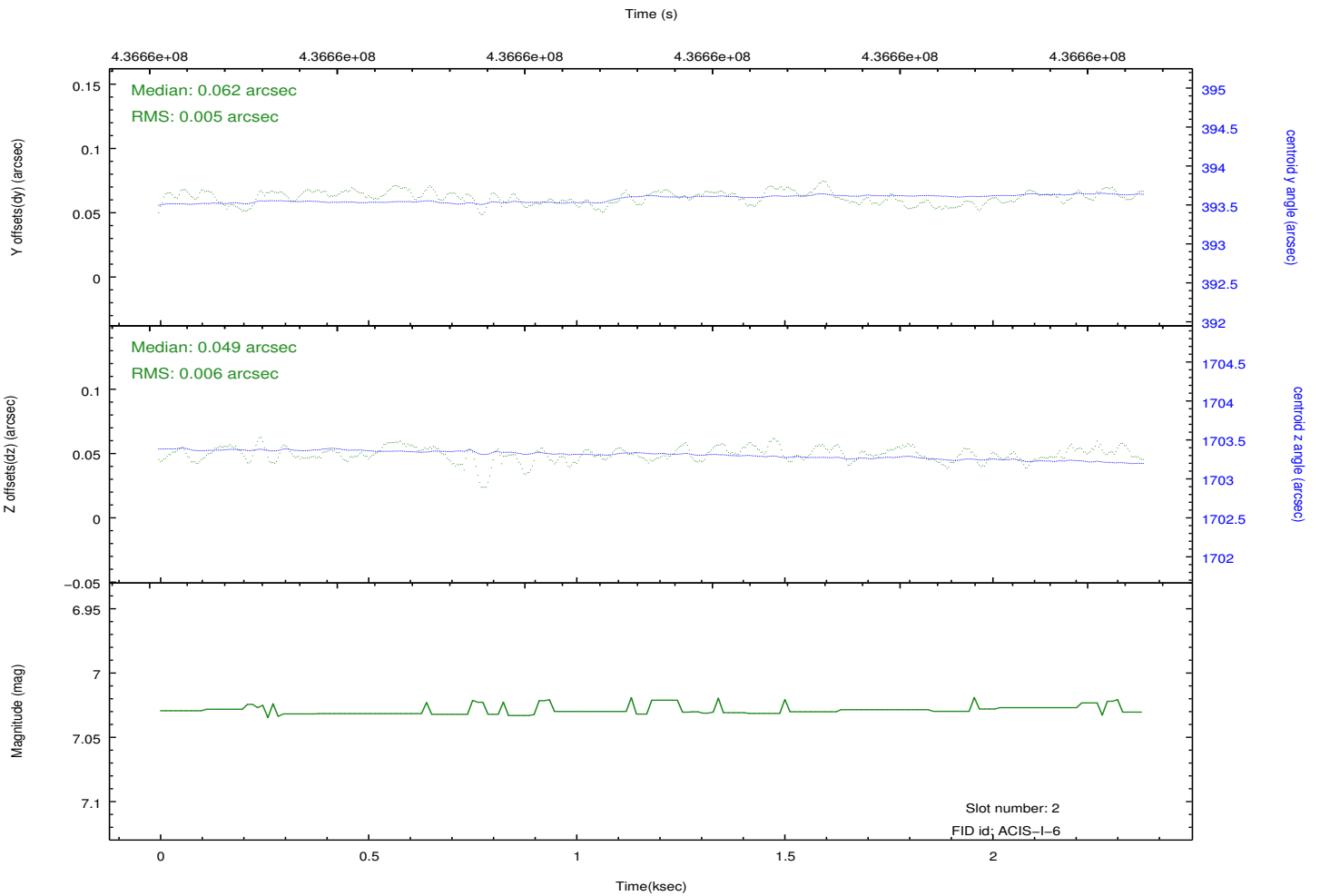
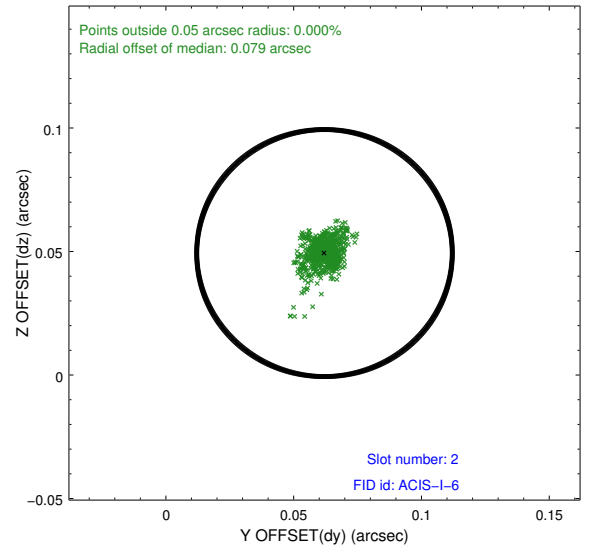
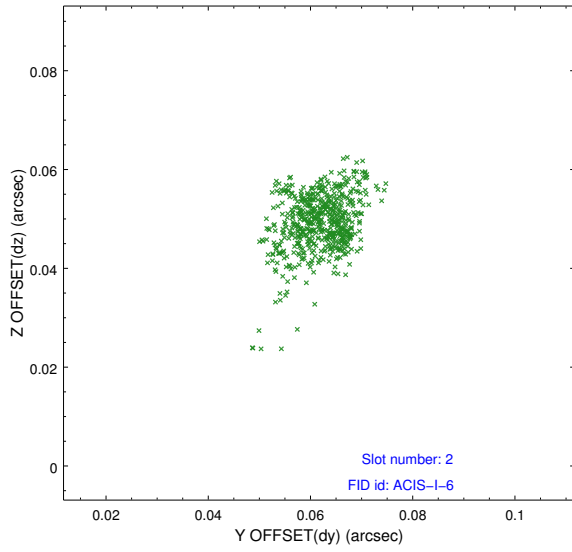
2.5.1 Slot 0



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)	2012.02.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.9716000151634

A.2 Comments

Joint Proposal: NOAO