

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6727 - L2 Version 2
Chandra X-Ray Center

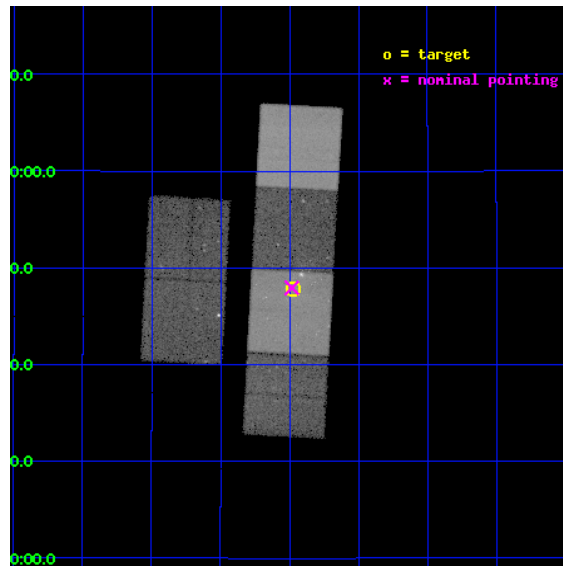
L2 Processing Date : Mar 25 2012

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1 Front

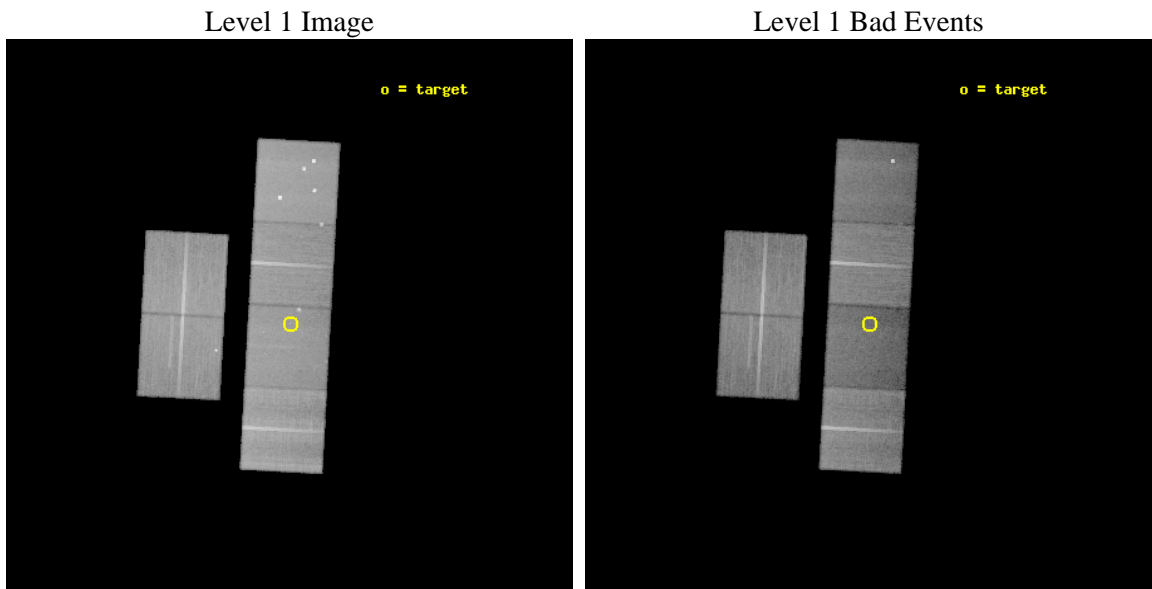
seq_num	500674	Sequence number
obs_id	6727	Observation id
title	Probing the Environment of Supernova 1979C in M100	Proposal title
observer	Dr Stefan Immler	Principal investigator
object	SN 1979C	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	185.744167	Observer's specified target RA [deg]
dec_targ	15.797694	Observer's specified target Dec [deg]
ra_nom	185.74581234084	Nominal RA [deg]
dec_nom	15.799029275526	Nominal Dec [deg]
roll_nom	93.136168812349	Nominal Roll [deg]
revision	2	Processing version of data
ontime	38351.999857128	Sum of GTIs [s]
liveltime	37866.363742135	Livetime [s]
ontime2	38345.51788646	Sum of GTIs [s]
ontime3	38348.758856833	Sum of GTIs [s]
ontime5	38351.999857128	Sum of GTIs [s]
ontime6	38348.758856863	Sum of GTIs [s]
ontime7	38351.999857128	Sum of GTIs [s]
ontime8	38348.758866847	Sum of GTIs [s]
l2events	368548	Number of level 2 events



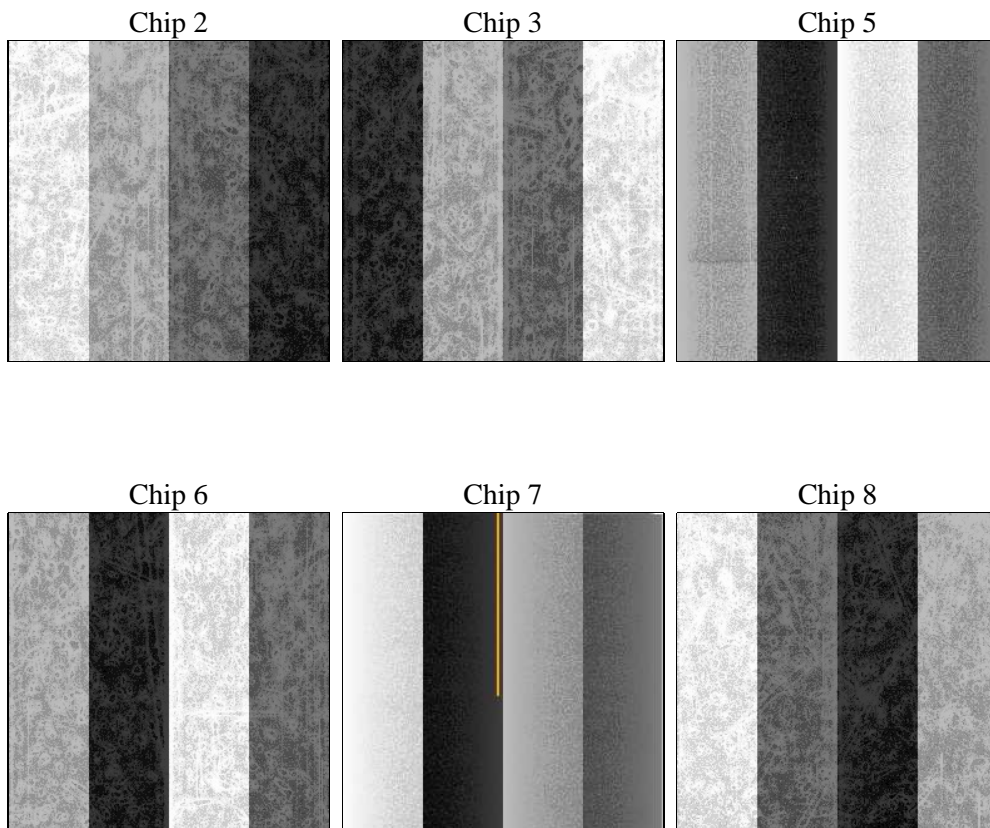
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	38400.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	38351.999857128	Sum of GTIs [s]
caldbver	4.4.8	 	ontime2	38345.51788646	Sum of GTIs [s]
date	2012-03-25T17:30:26	Date and time of file creation	ontime3	38348.758856833	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	38351.999857128	Sum of GTIs [s]
			ontime6	38348.758856863	Sum of GTIs [s]
			ontime7	38351.999857128	Sum of GTIs [s]
			ontime8	38348.758866847	Sum of GTIs [s]
			l1events	1704603	Number of level 1 events

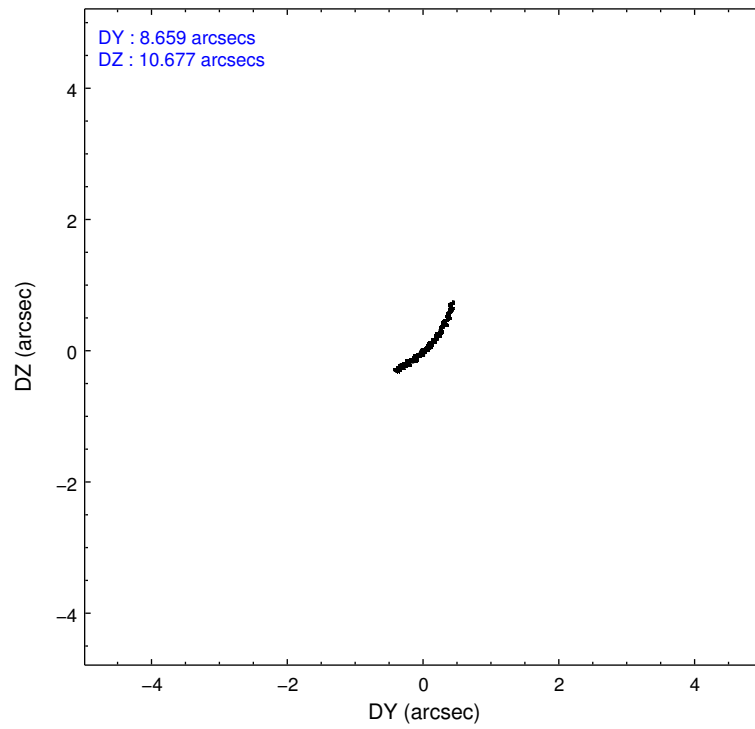
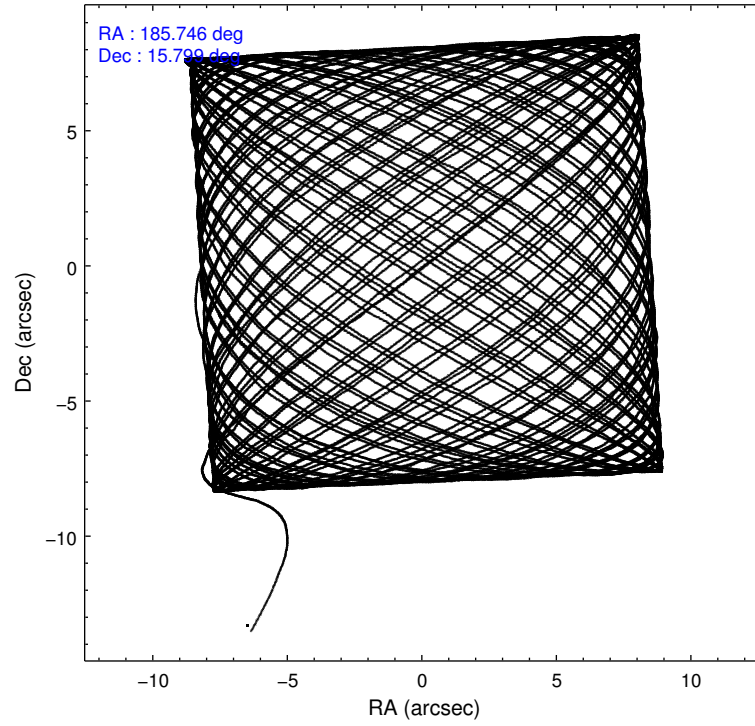
2.1.4 Events

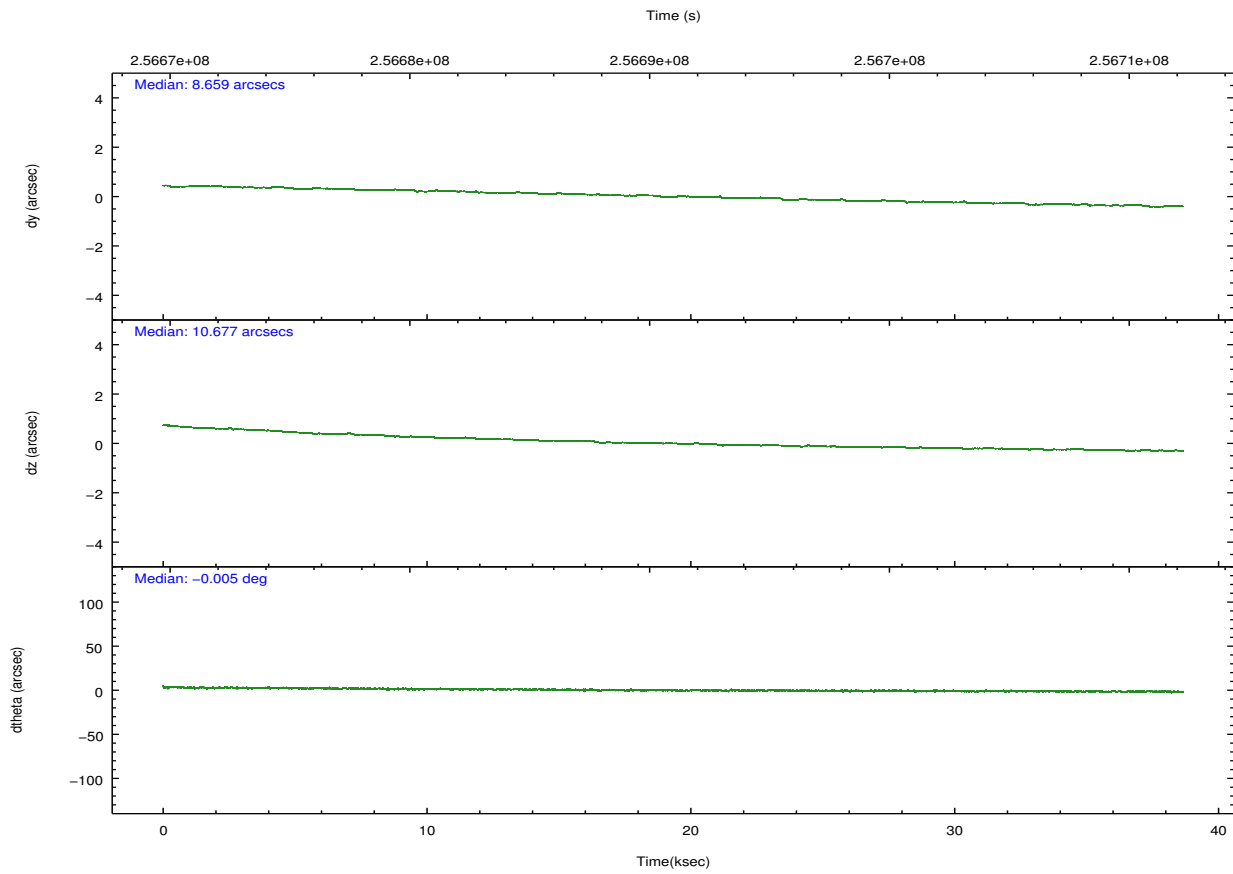
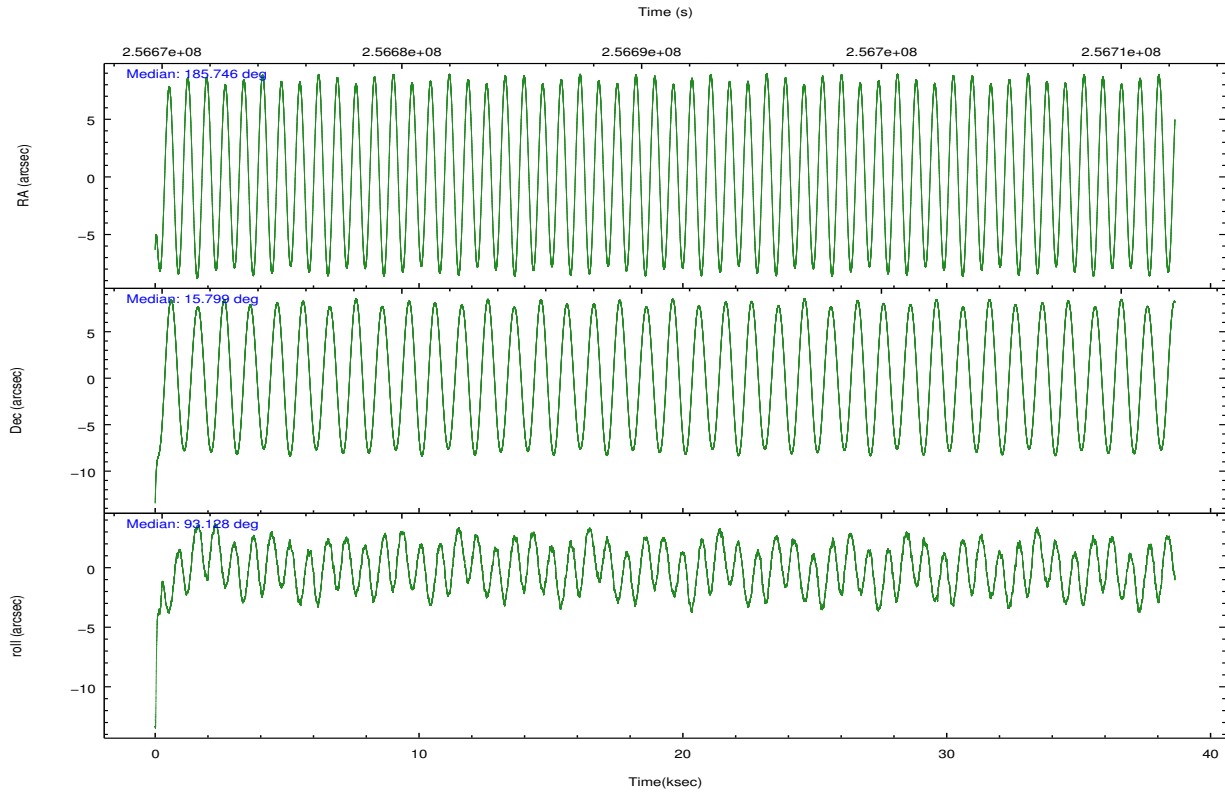
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	282320	258242	337293	258052	249544	319152	grade 0 events	9221	10784	32012	9970	13422	20915
rejected events	257613	232229	153135	231595	124005	243300		3%	4%	9%	3%	5%	6%
rejected %	91%	89%	45%	89%	49%	76%	grade 1 events	182	141	537	127	251	235
								0%	0%	0%	0%	0%	0%
							grade 2 events	5938	5243	51776	5659	26763	17823
								2%	2%	15%	2%	10%	5%
							grade 3 events	2604	2829	7955	2946	12492	8555
								0%	1%	2%	1%	5%	2%
							grade 4 events	2714	2705	7957	2854	12053	7925
								0%	1%	2%	1%	4%	2%
							grade 5 events	6743	8648	26858	8553	26634	13230
								2%	3%	7%	3%	10%	4%
							grade 6 events	4234	4455	84497	5032	60826	20640
								1%	1%	25%	1%	24%	6%
							grade 7 events	250684	223437	125701	222911	97103	229829
								88%	86%	37%	86%	38%	72%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-235678	ACIS-235678	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	185.761618	185.7458123408437	Subarray requested	NONE	NONE
[deg] Pointing Dec	15.776425	15.79902927552551	Alternating exposures requested	N	N
[deg] Pointing Roll	92.975238	93.1361688123491	[s] Primary exposure time	0.000000	3.2
[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)	256671898.184000	256670901.83621			
Observation start date	2006-02-18T17:43:53	2006-02-18T17:28:21			
[s] Observation end time (MET)	256710298.184000	256711273.00058			
Observation end date	2006-02-19T04:23:53	2006-02-19T04:41:13			
Read mode	TIMED	TIMED			

2.3 Aspect



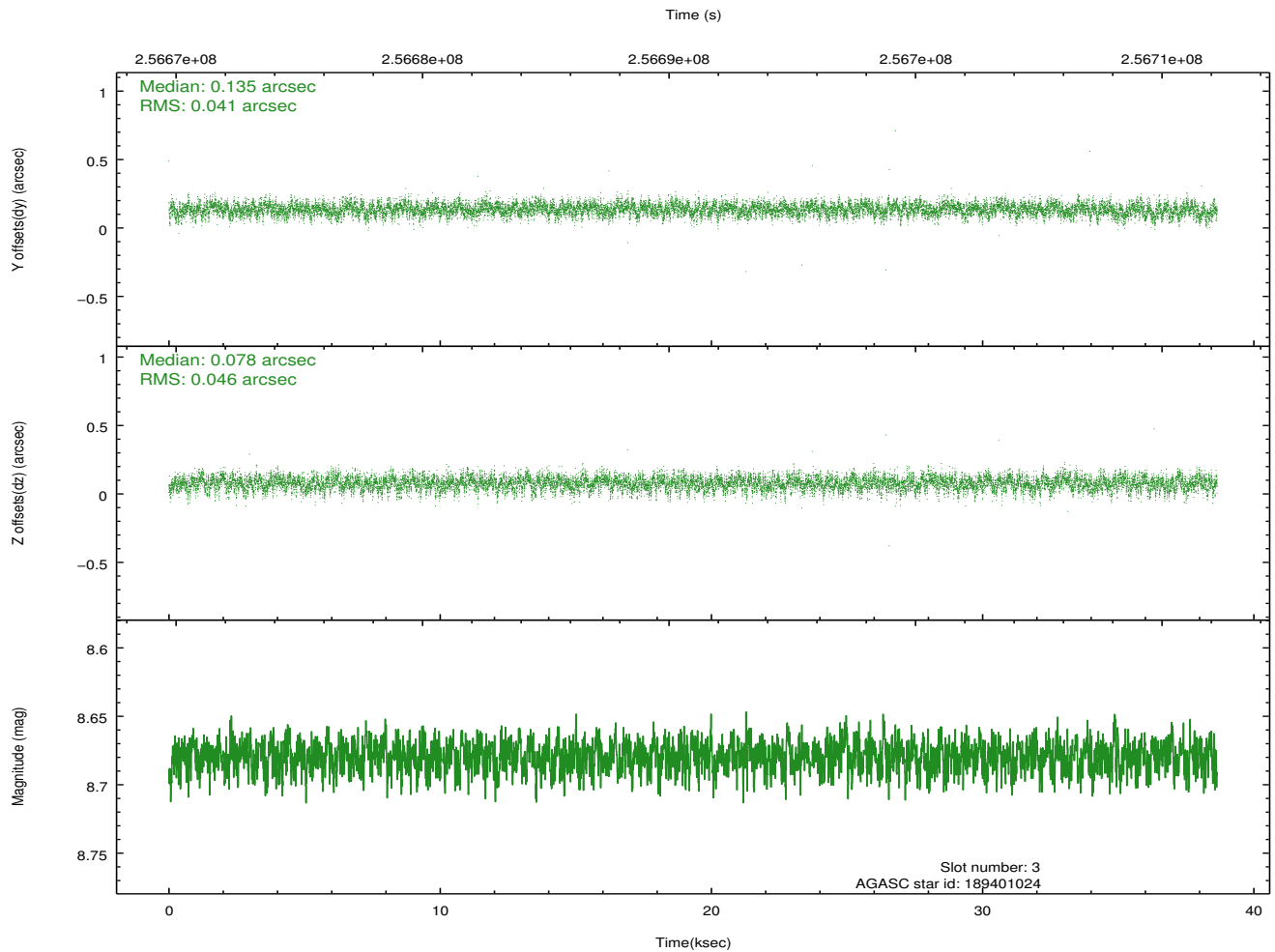
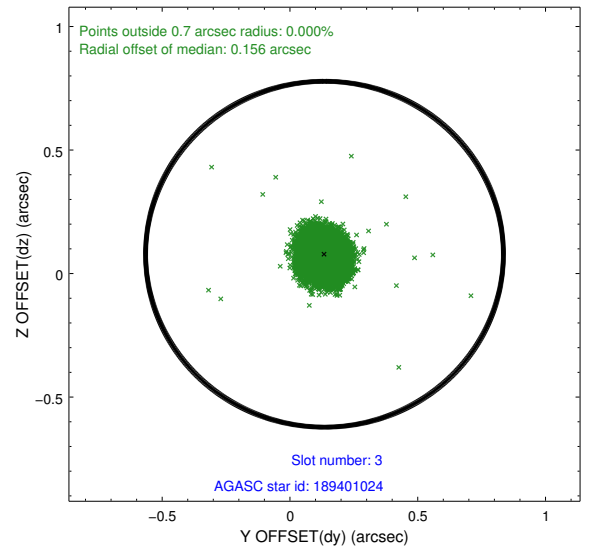
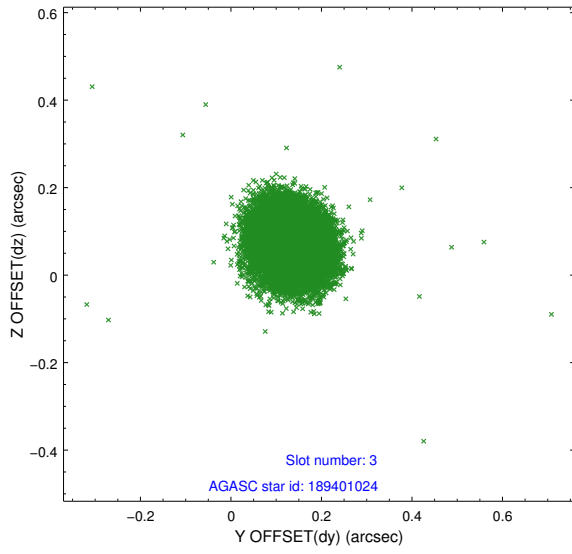


Slot Statistics

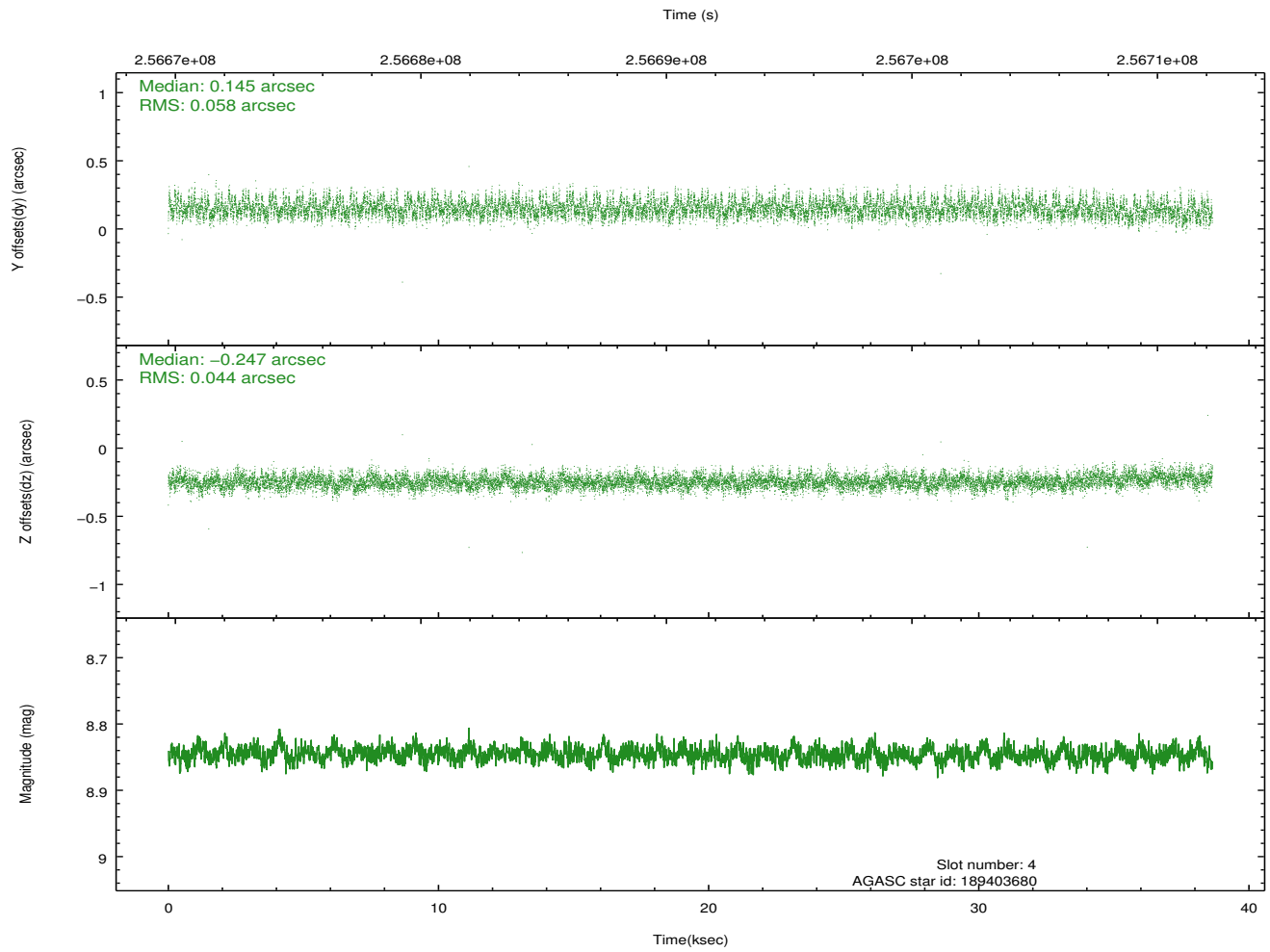
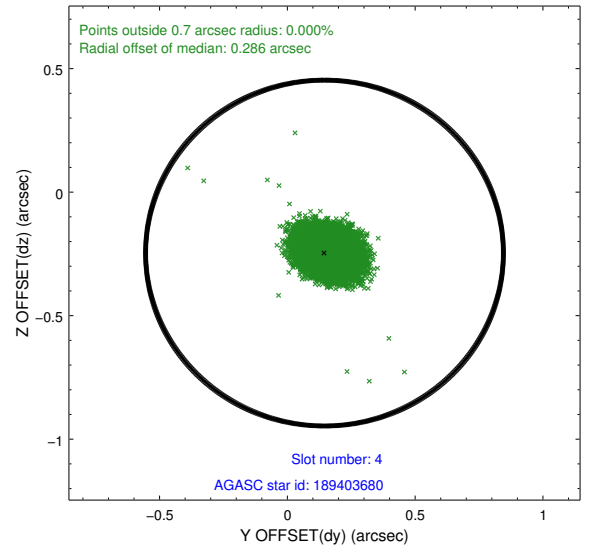
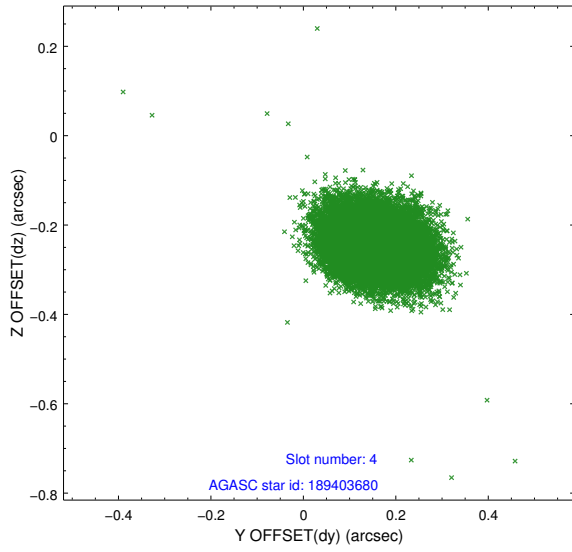
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	9427	0.057	-0.071	0.013	0.023	0.000000	0.000000	934.62	-1727.71
1	FID	ACIS-S-5	7.24	9427	-0.130	0.024	0.011	0.019	0.000000	0.000000	-1814.54	169.93
2	FID	ACIS-S-6	7.36	9427	0.051	0.059	0.011	0.019	0.000000	0.000000	400.16	813.94
3	GUIDE	189401024	8.68	18848	0.135	0.078	0.064	0.106	185.977630	15.617765	-608.39	-718.09
4	GUIDE	189403680	8.85	18843	0.145	-0.247	0.077	0.126	185.171503	15.144043	-2164.35	2165.47
5	GUIDE	189411792	7.92	18855	-0.091	0.134	0.065	0.101	186.226855	16.194788	1422.71	-1683.87
6	GUIDE	189412616	8.89	18836	-0.078	-0.017	0.080	0.130	185.986854	16.417322	2263.21	-895.72
7	GUIDE	189413016	8.14	18845	-0.115	0.053	0.066	0.103	186.364497	16.171398	1315.36	-2155.24

2.4 Star Slots

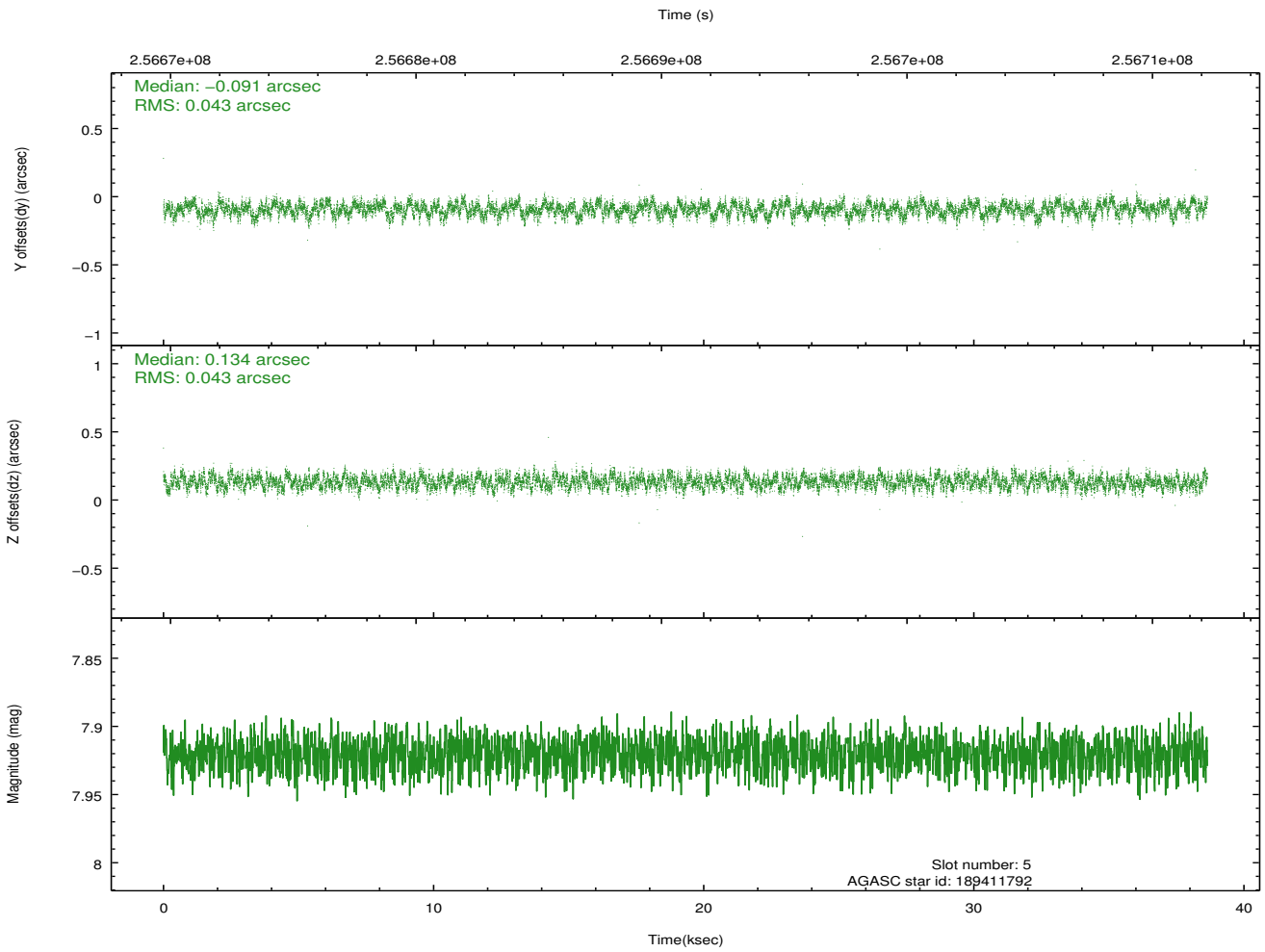
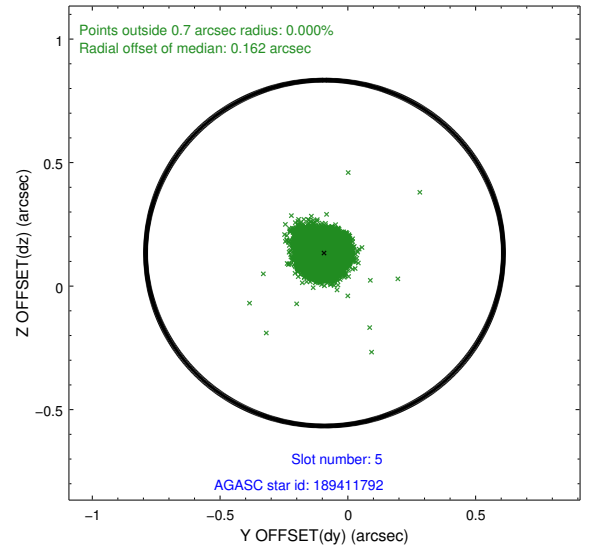
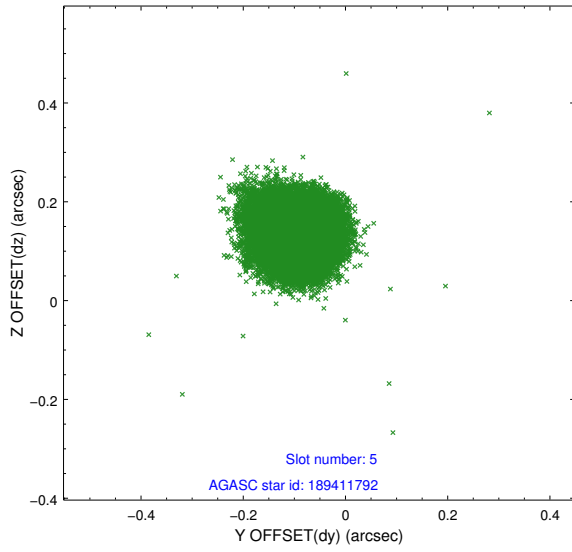
2.4.1 Slot 3



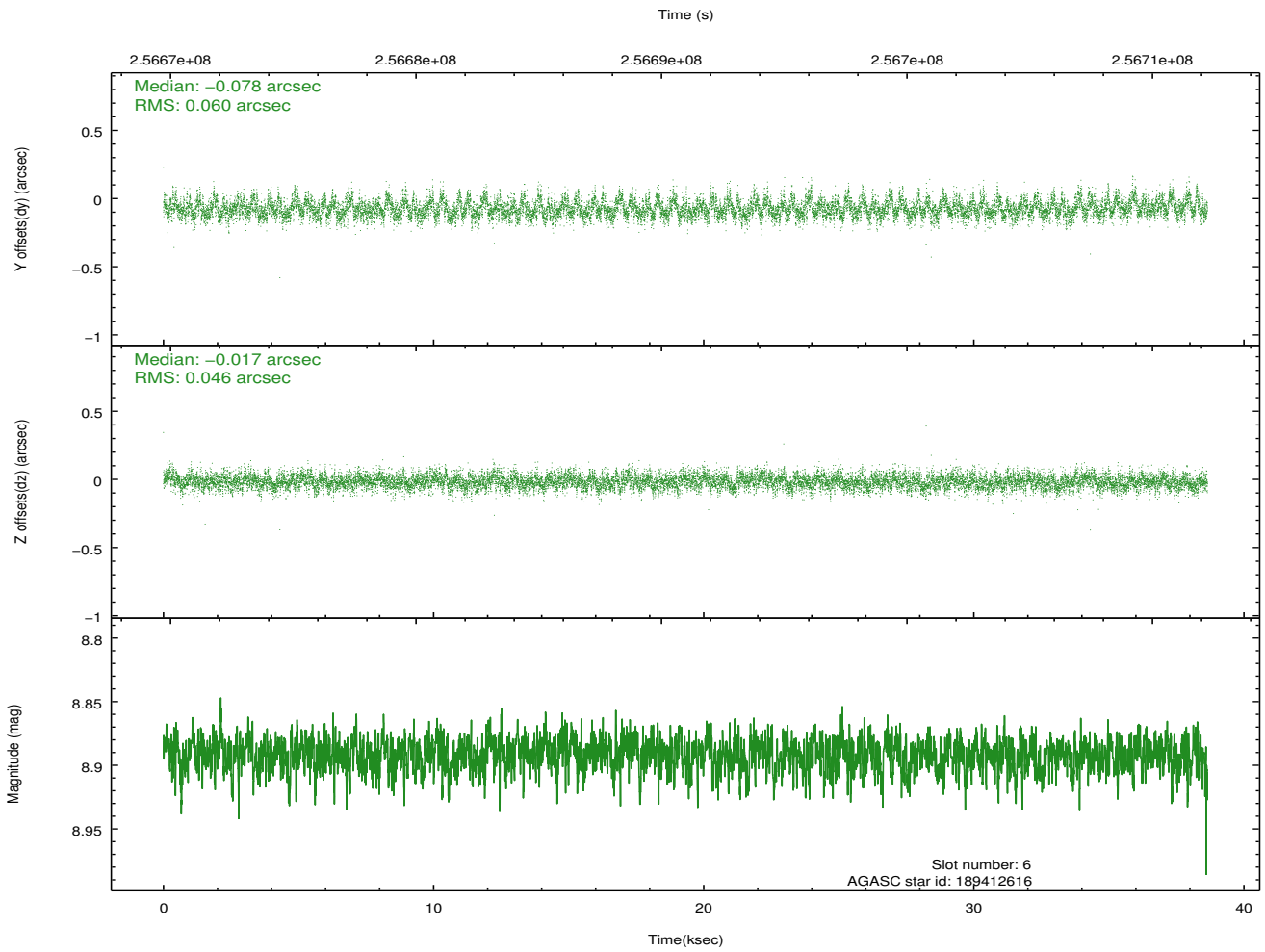
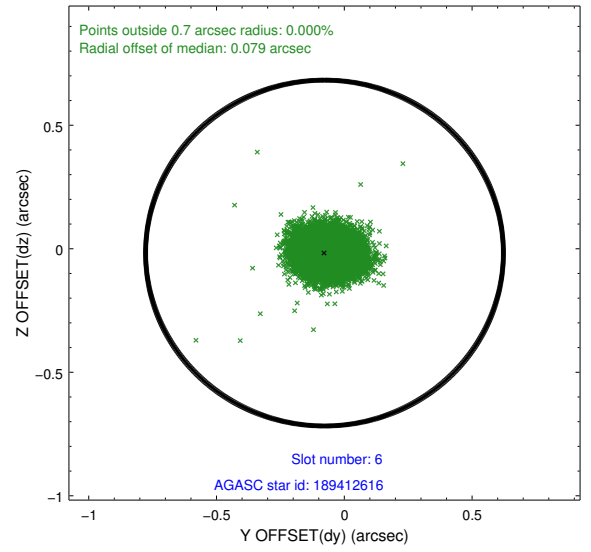
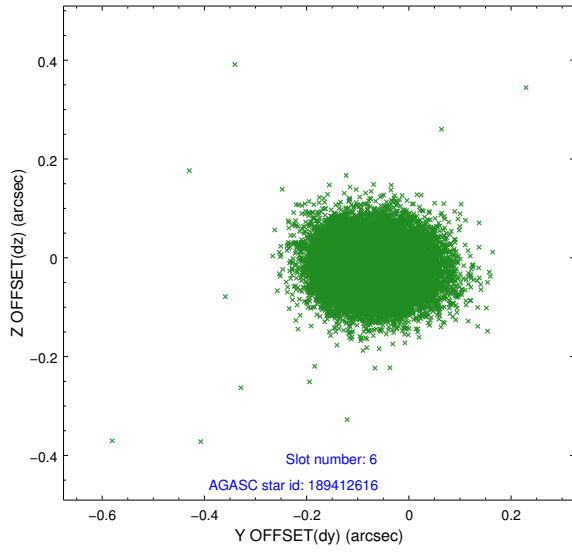
2.4.2 Slot 4



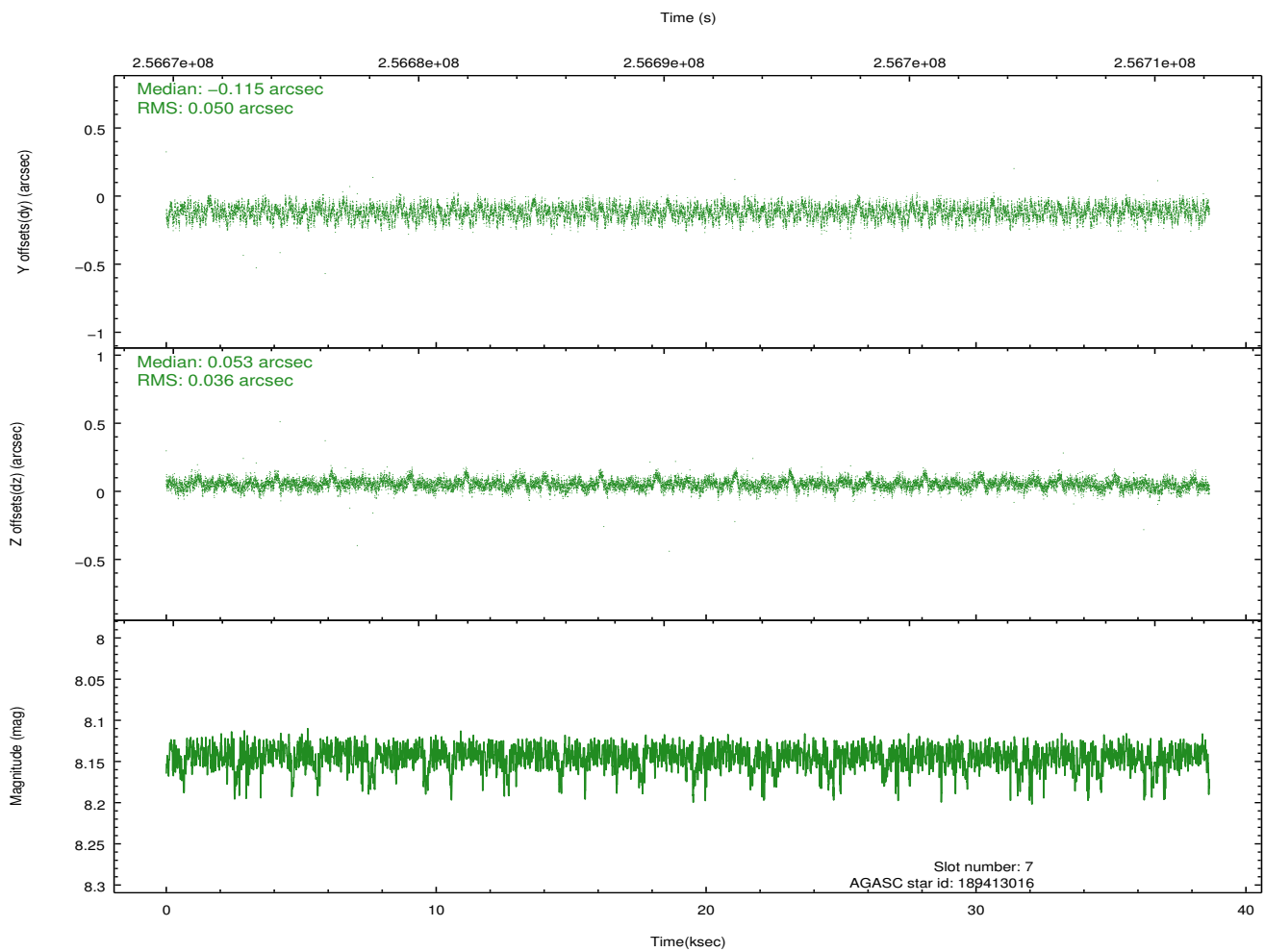
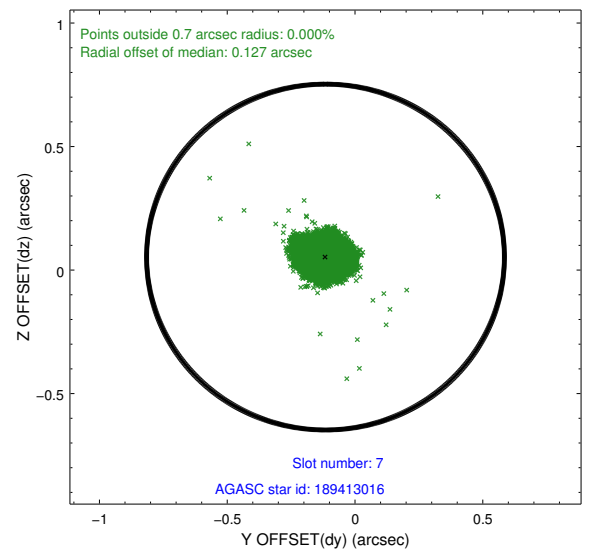
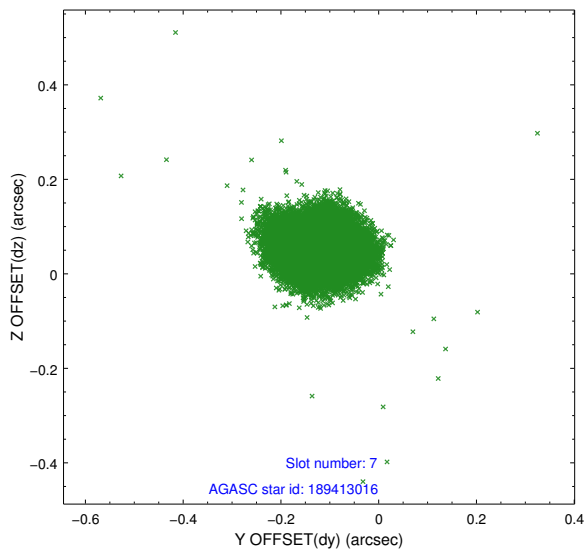
2.4.3 Slot 5



2.4.4 Slot 6

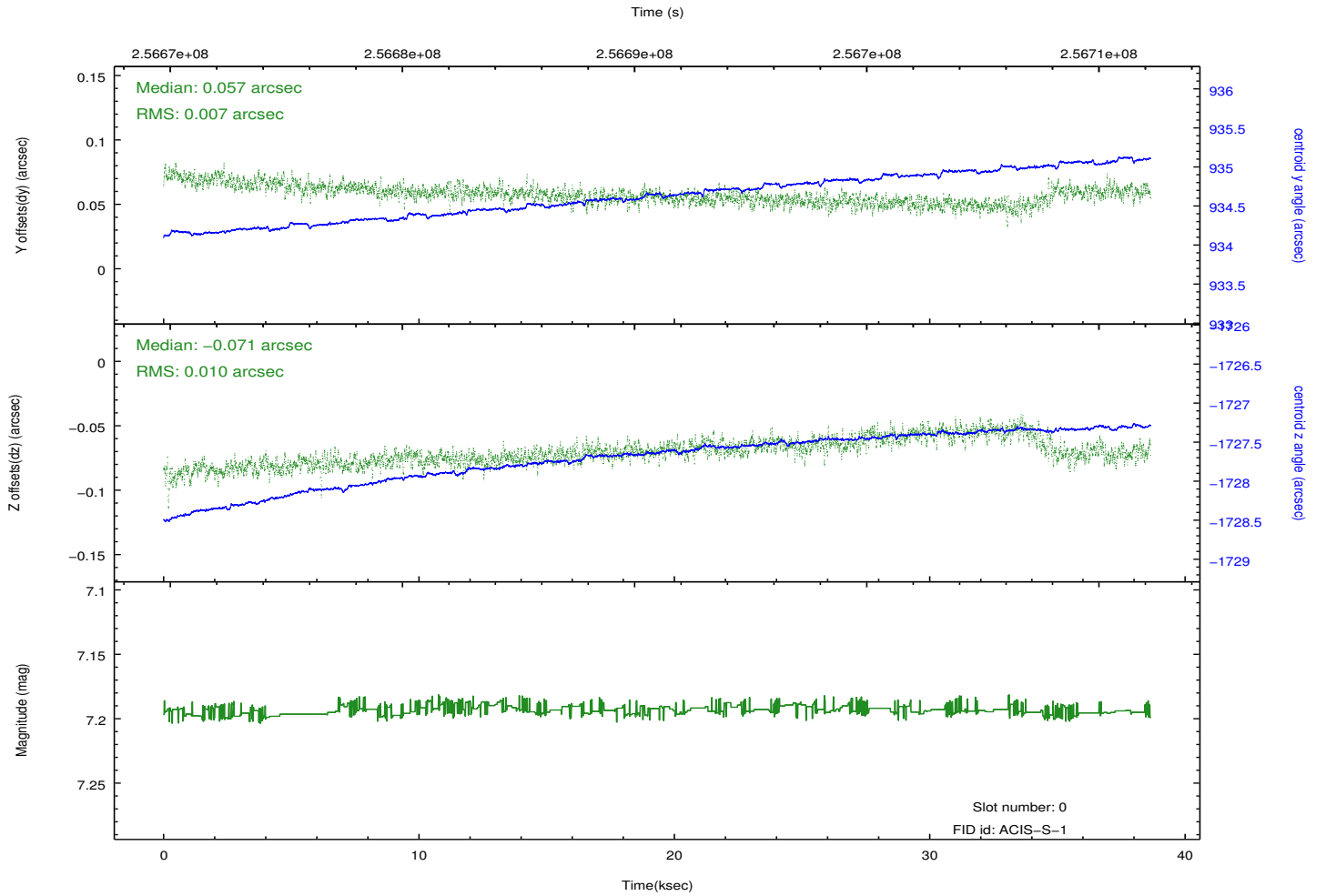
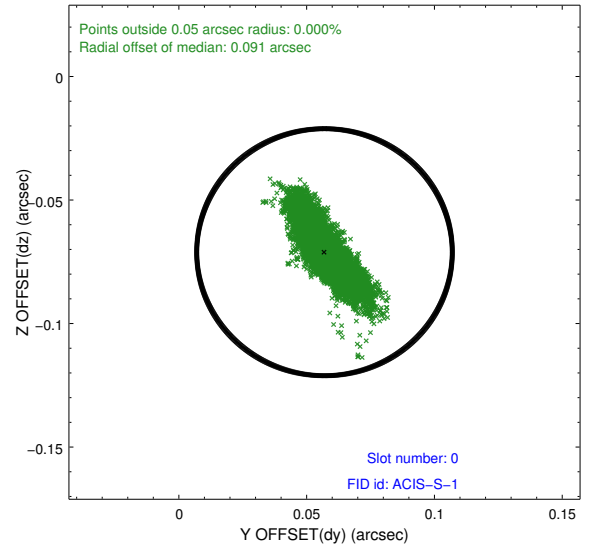
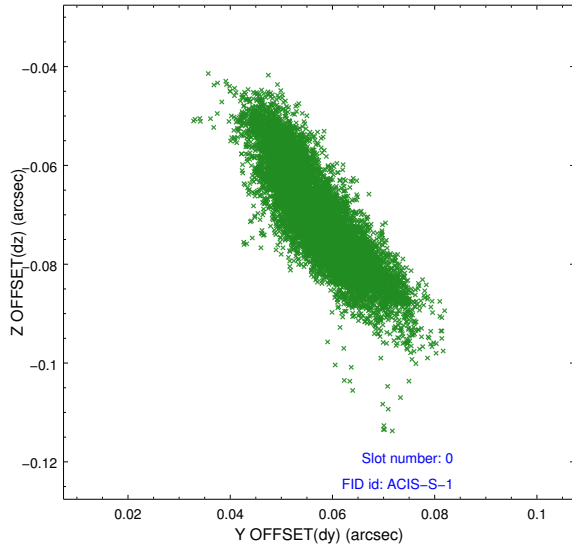


2.4.5 Slot 7

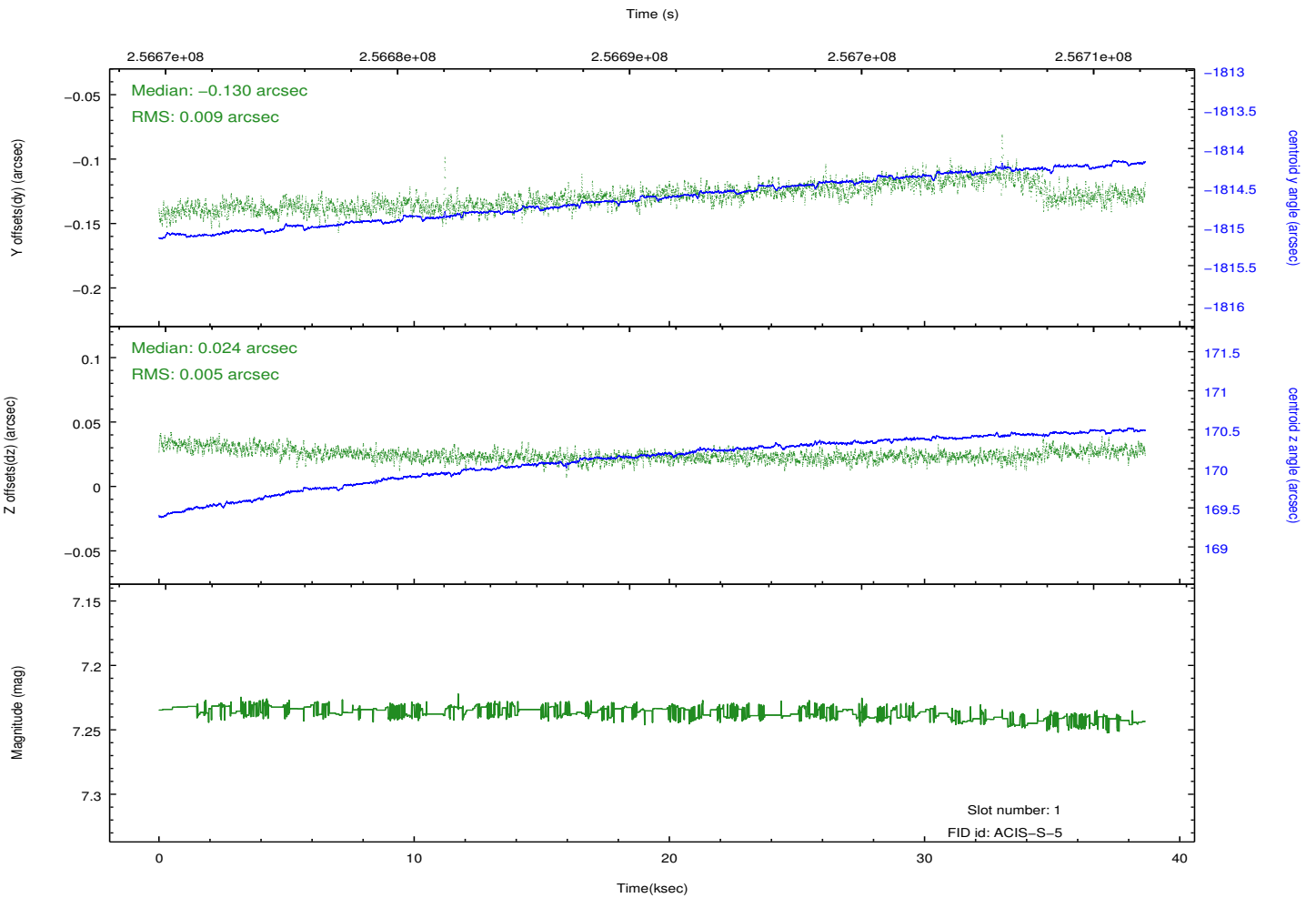
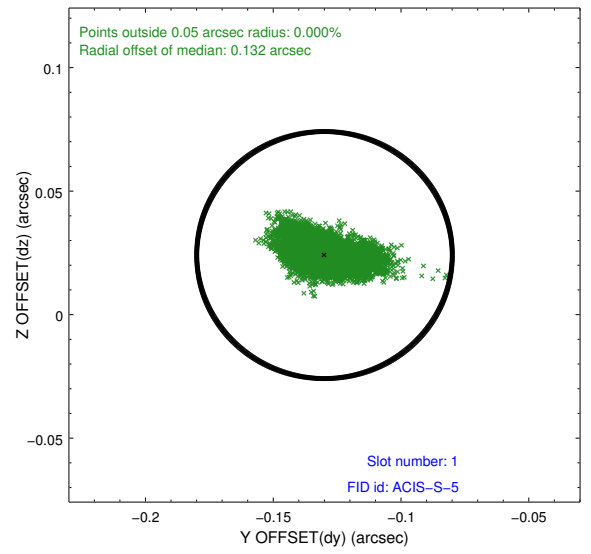
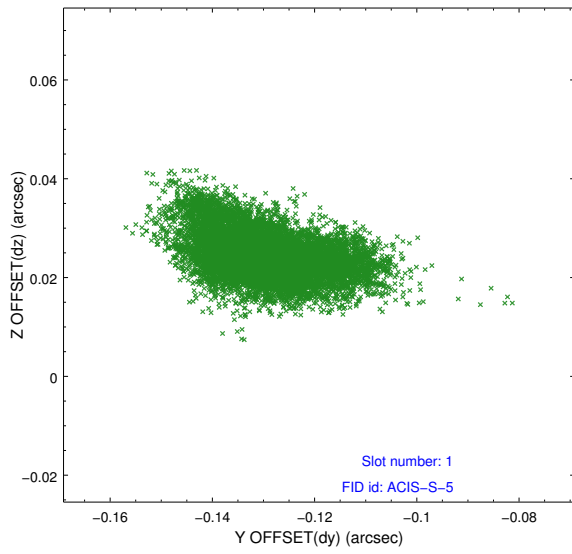


2.5 FID Slots

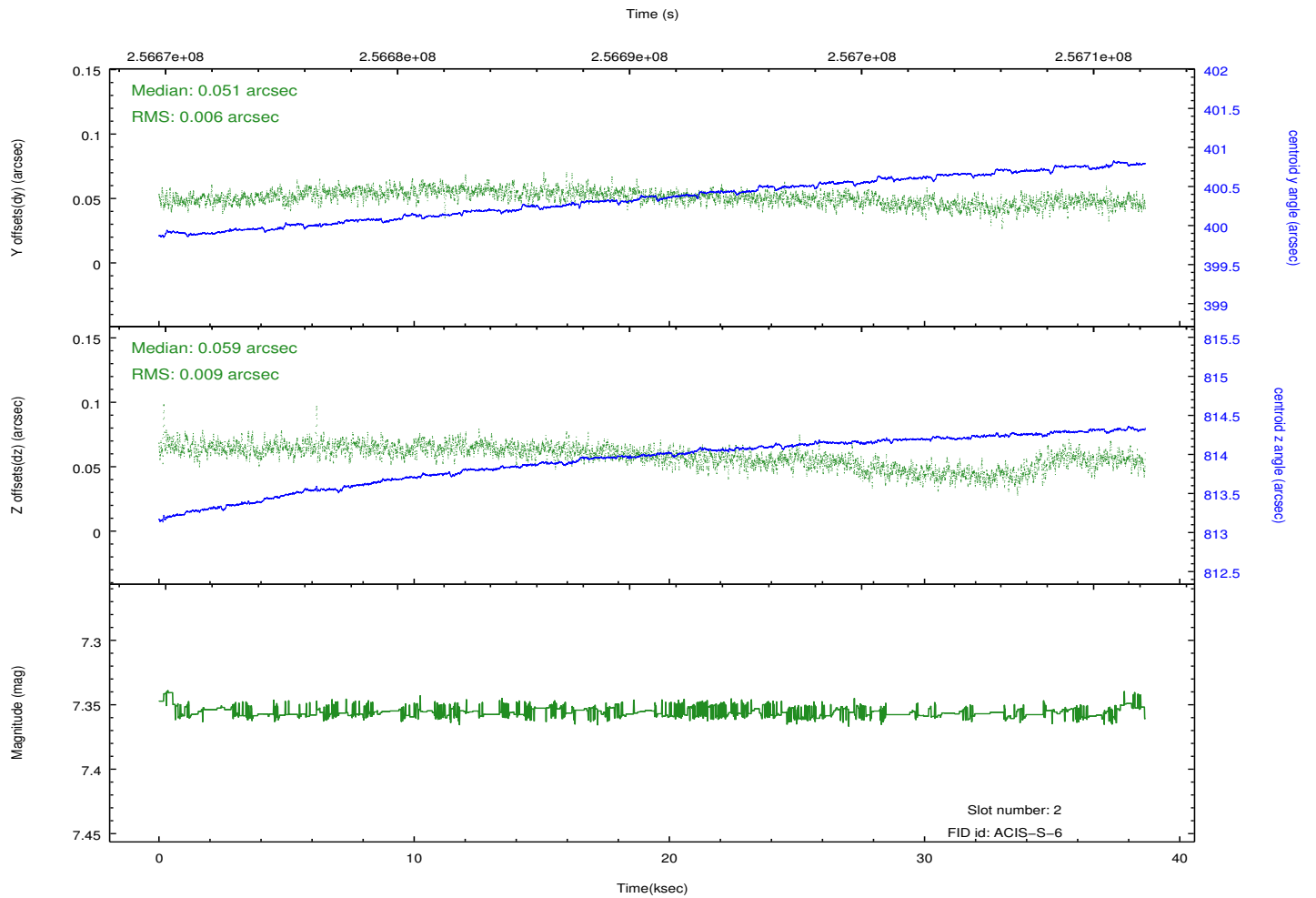
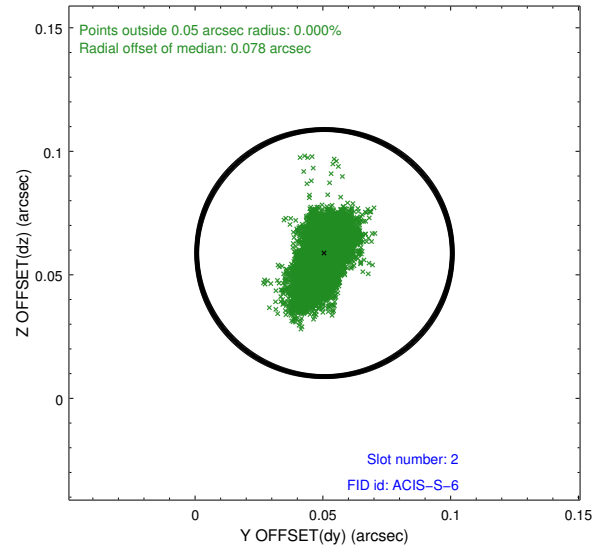
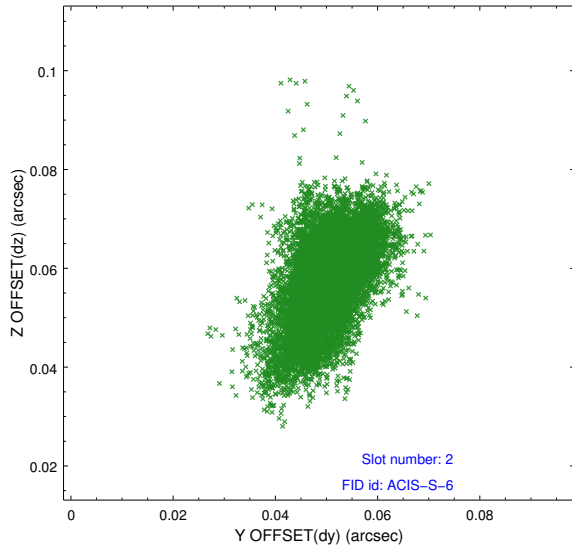
2.5.1 Slot 0



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)	2012.03.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	38.3519998

A.2 Comments