

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 781 - L2 Version 3
Chandra X-Ray Center

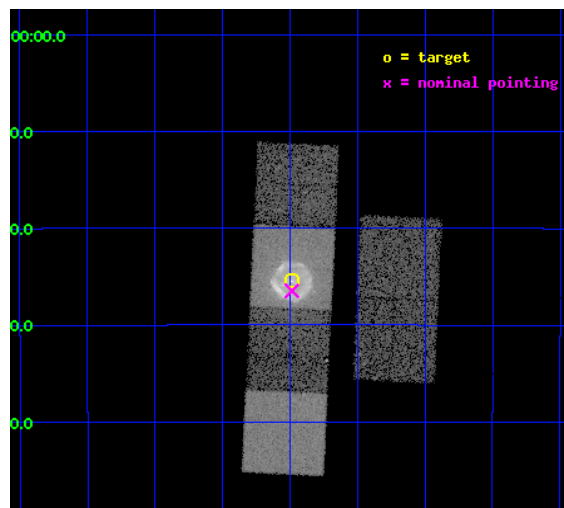
L2 Processing Date : Sep 2 2012

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1 Front

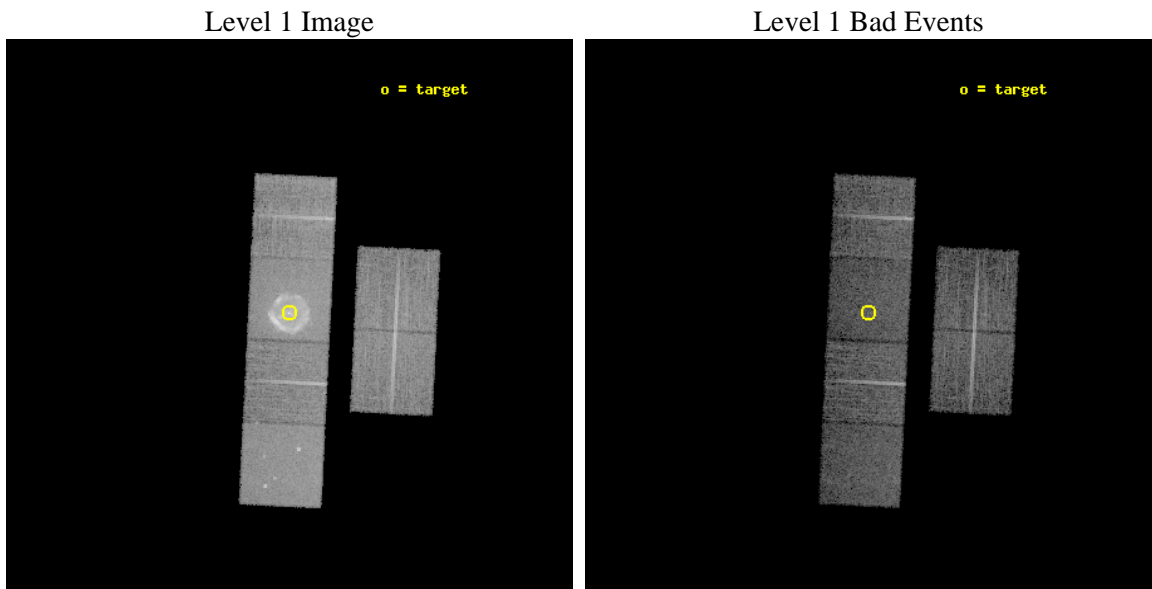
seq_num	500077	Sequence number
obs_id	781	Observation id
title	THE HISTORIC SUPERNOVA REMNANT SYSTEM - G11.2-0.3	Proposal title
observer	Dr. Victoria Kaspi	Principal investigator
object	G11.2-0.3	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	272.8725	Observer's specified target RA [deg]
dec_targ	-19.423611	Observer's specified target Dec [deg]
ra_nom	272.87153785381	Nominal RA [deg]
dec_nom	-19.441230514776	Nominal Dec [deg]
roll_nom	272.77042588177	Nominal Roll [deg]
revision	3	Processing version of data
ontime	10101.672414944	Sum of GTIs [s]
livetime	9973.7589563287	Livetime [s]
ontime2	10101.713454947	Sum of GTIs [s]
ontime3	10101.549294949	Sum of GTIs [s]
ontime5	10101.63137494	Sum of GTIs [s]
ontime6	10101.590334952	Sum of GTIs [s]
ontime7	10101.672414944	Sum of GTIs [s]
ontime8	10101.508254945	Sum of GTIs [s]
l2events	159019	Number of level 2 events



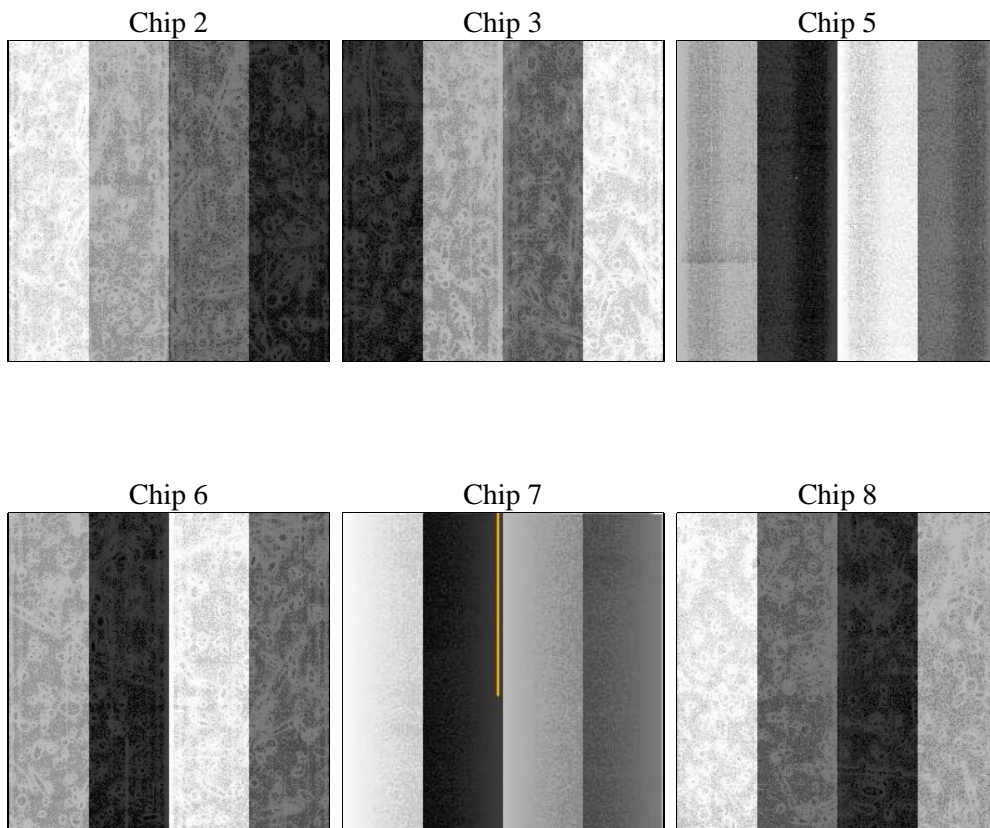
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	10101.672414944	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime2	10101.713454947	Sum of GTIs [s]
date	2012-09-02T09:43:30	Date and time of file creation	ontime3	10101.549294949	Sum of GTIs [s]
revision	3	Processing version of data	ontime5	10101.63137494	Sum of GTIs [s]
			ontime6	10101.590334952	Sum of GTIs [s]
			ontime7	10101.672414944	Sum of GTIs [s]
			ontime8	10101.508254945	Sum of GTIs [s]
			l1events	503588	Number of level 1 events

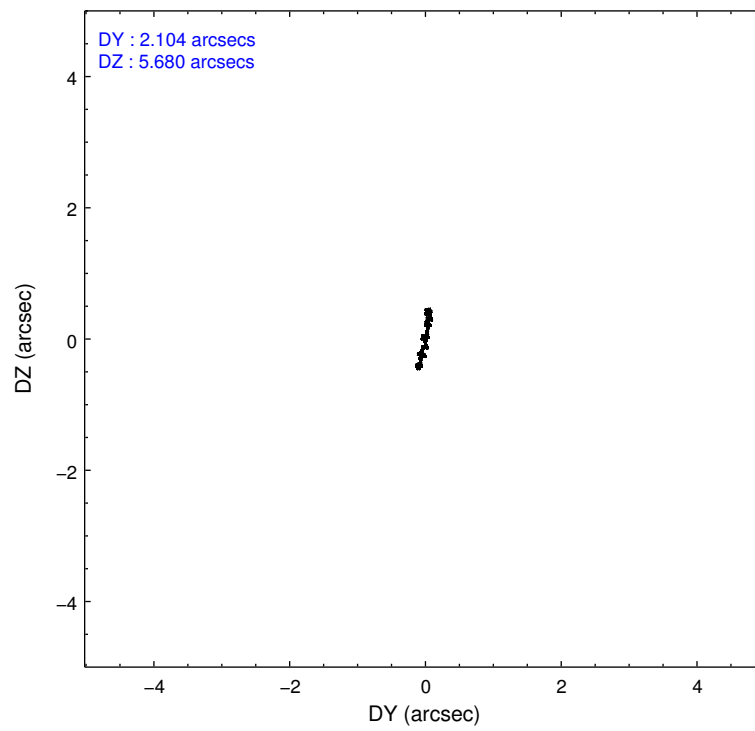
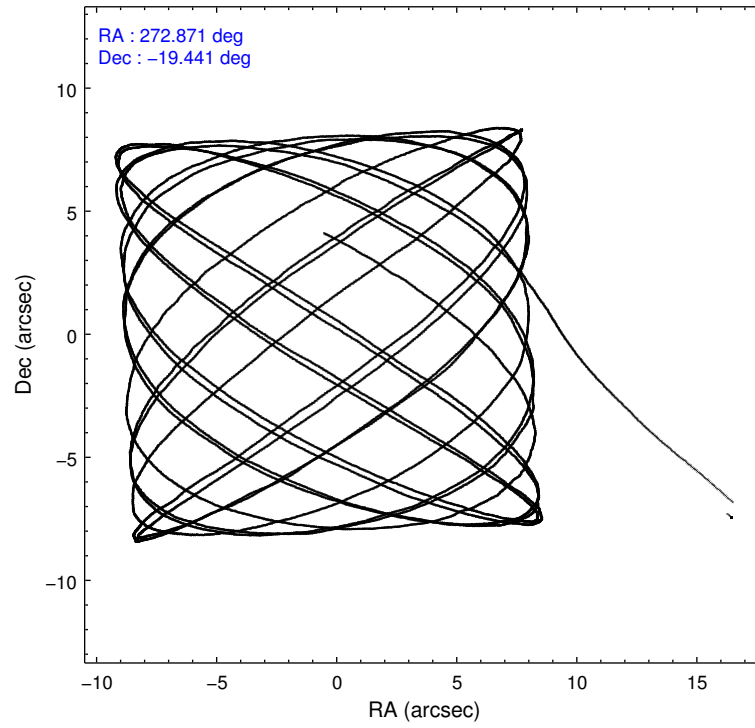
2.1.4 Events

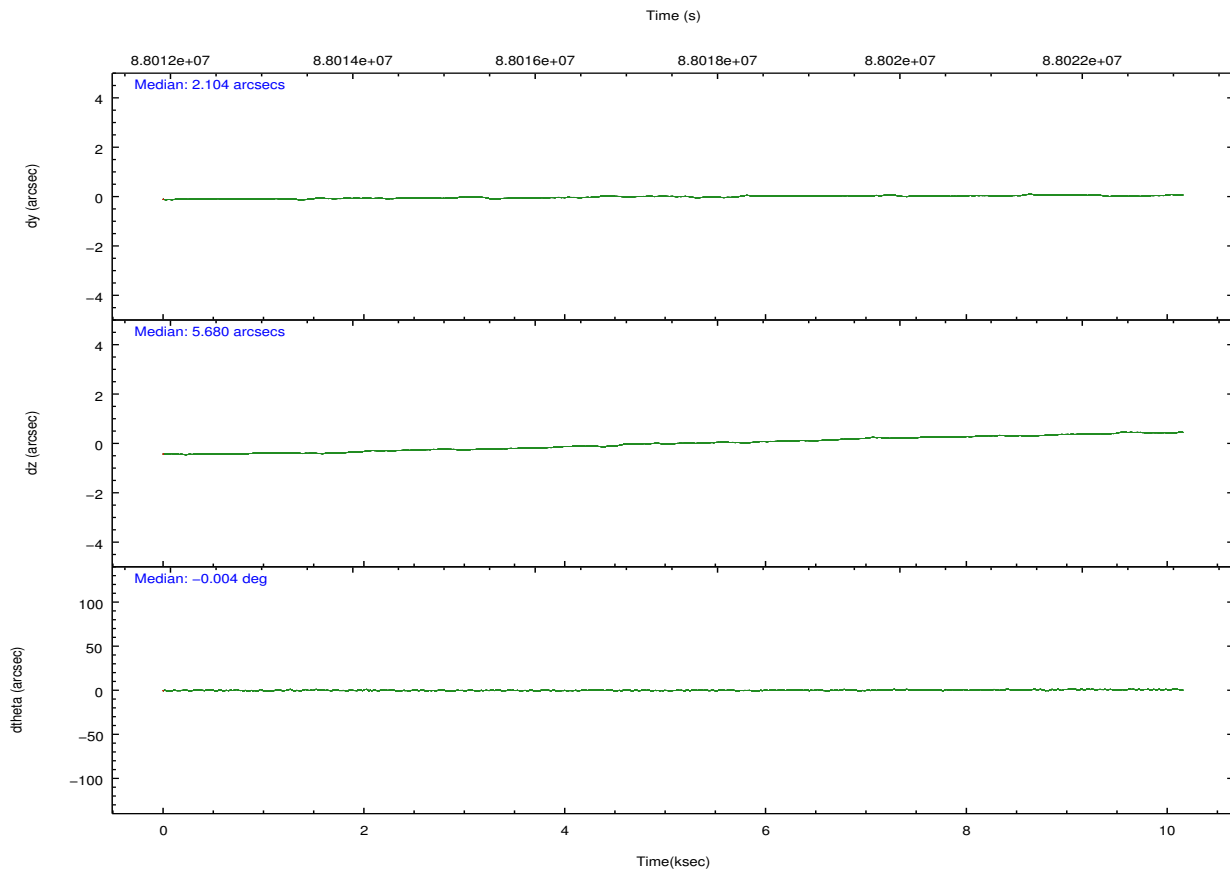
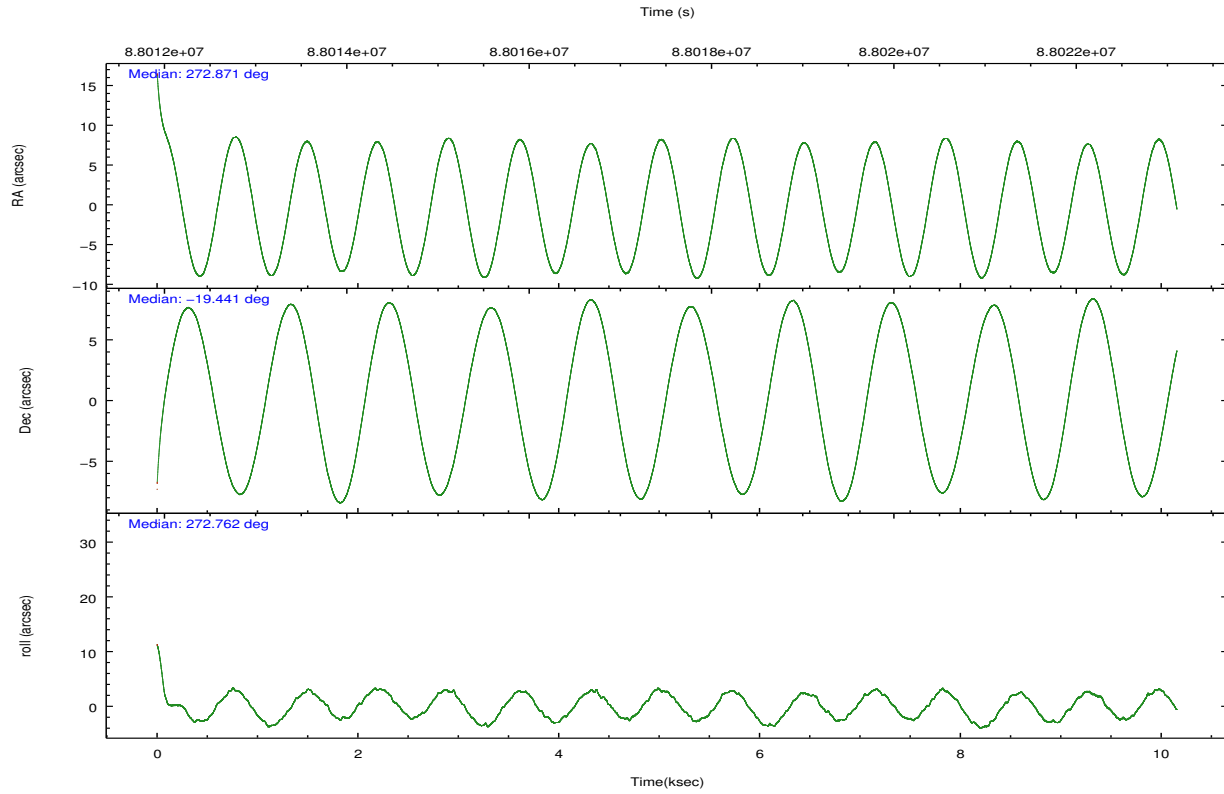
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	67464	65650	86803	66446	137401	79824	grade 0 events	3923	4121	5250	4747	17985	6370
rejected events	59291	57385	46073	57014	46006	62331		5%	6%	6%	7%	13%	7%
rejected %	87%	87%	53%	85%	33%	78%	grade 1 events	34	35	152	38	92	48
								0%	0%	0%	0%	0%	0%
							grade 2 events	1580	1451	11312	1716	22195	3574
								2%	2%	13%	2%	16%	4%
							grade 3 events	684	679	1877	845	10070	1735
								1%	1%	2%	1%	7%	2%
							grade 4 events	689	694	1826	750	9866	1627
								1%	1%	2%	1%	7%	2%
							grade 5 events	2059	2365	6599	2667	7932	3104
								3%	3%	7%	4%	5%	3%
							grade 6 events	1302	1321	20475	1377	31301	4188
								1%	2%	23%	2%	22%	5%
							grade 7 events	57193	54984	39312	54306	37960	59178
								84%	83%	45%	81%	27%	74%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	272.855615	272.8715378538089	Subarray requested	NONE	NONE
[deg] Pointing Dec	-19.418332	-19.44123051477574	Alternating exposures requested	N	N
[deg] Pointing Roll	272.608488	272.7704258817666	[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)	88012589.184000	88011553.196859			
Observation start date	2000-10-15T15:55:25	2000-10-15T15:39:13			
[s] Observation end time (MET)	88022589.184000	88023442.684808			
Observation end date	2000-10-15T18:42:05	2000-10-15T18:57:22			
Read mode	TIMED	TIMED			

2.3 Aspect



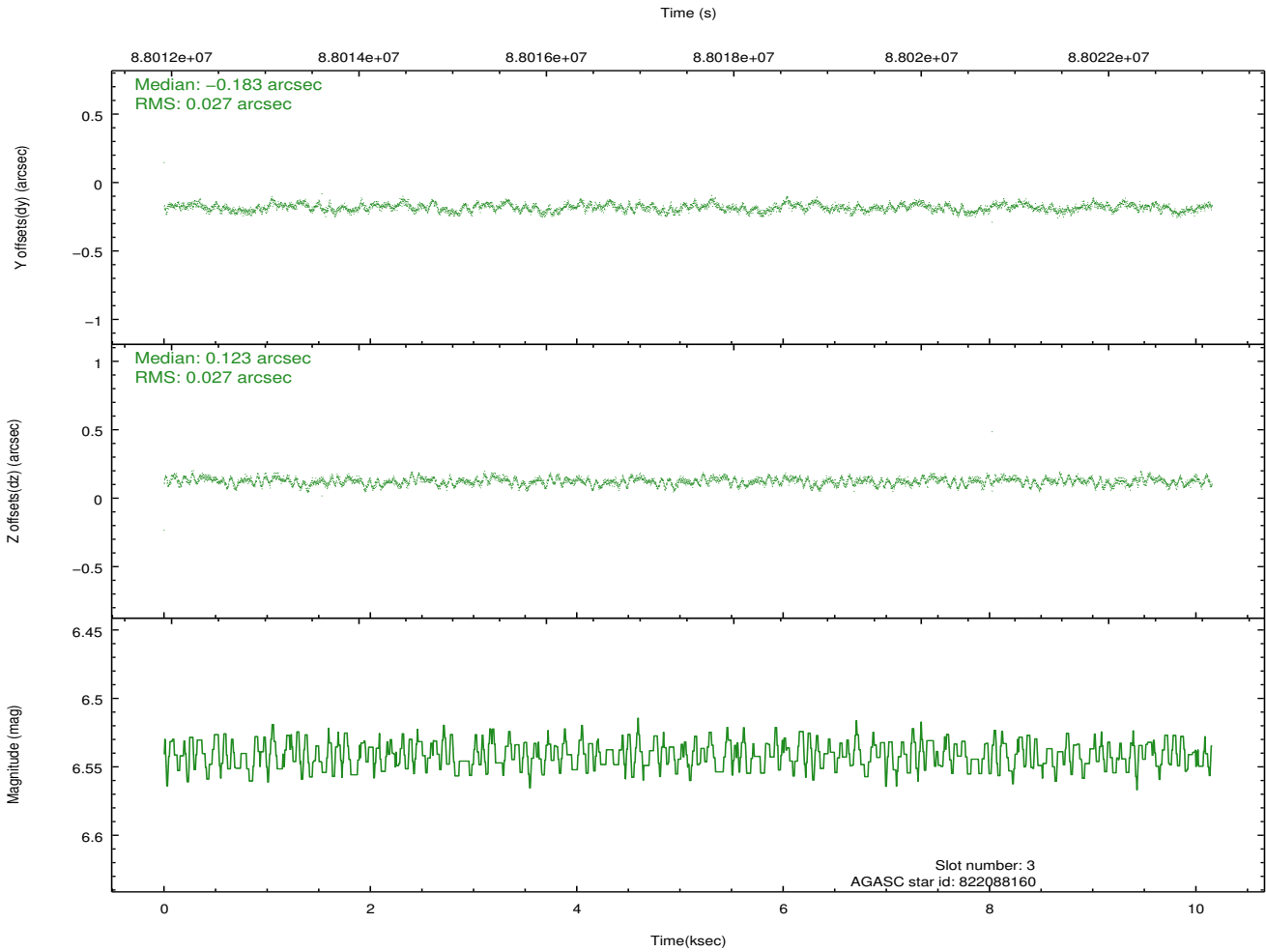
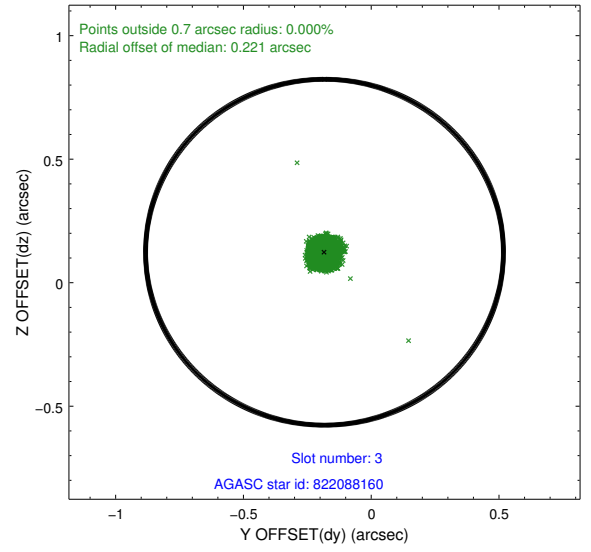
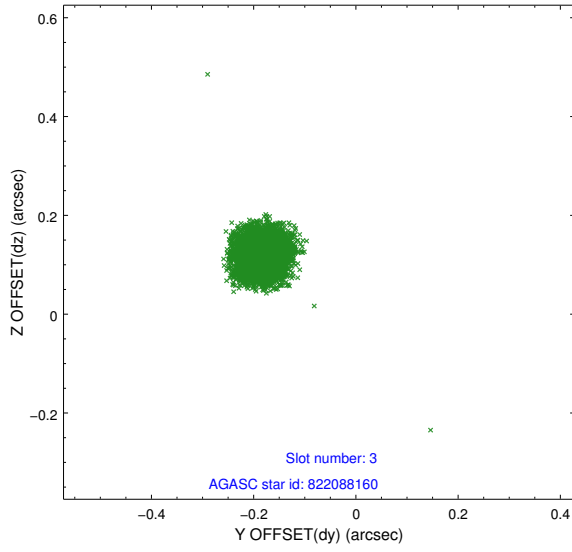


Slot Statistics

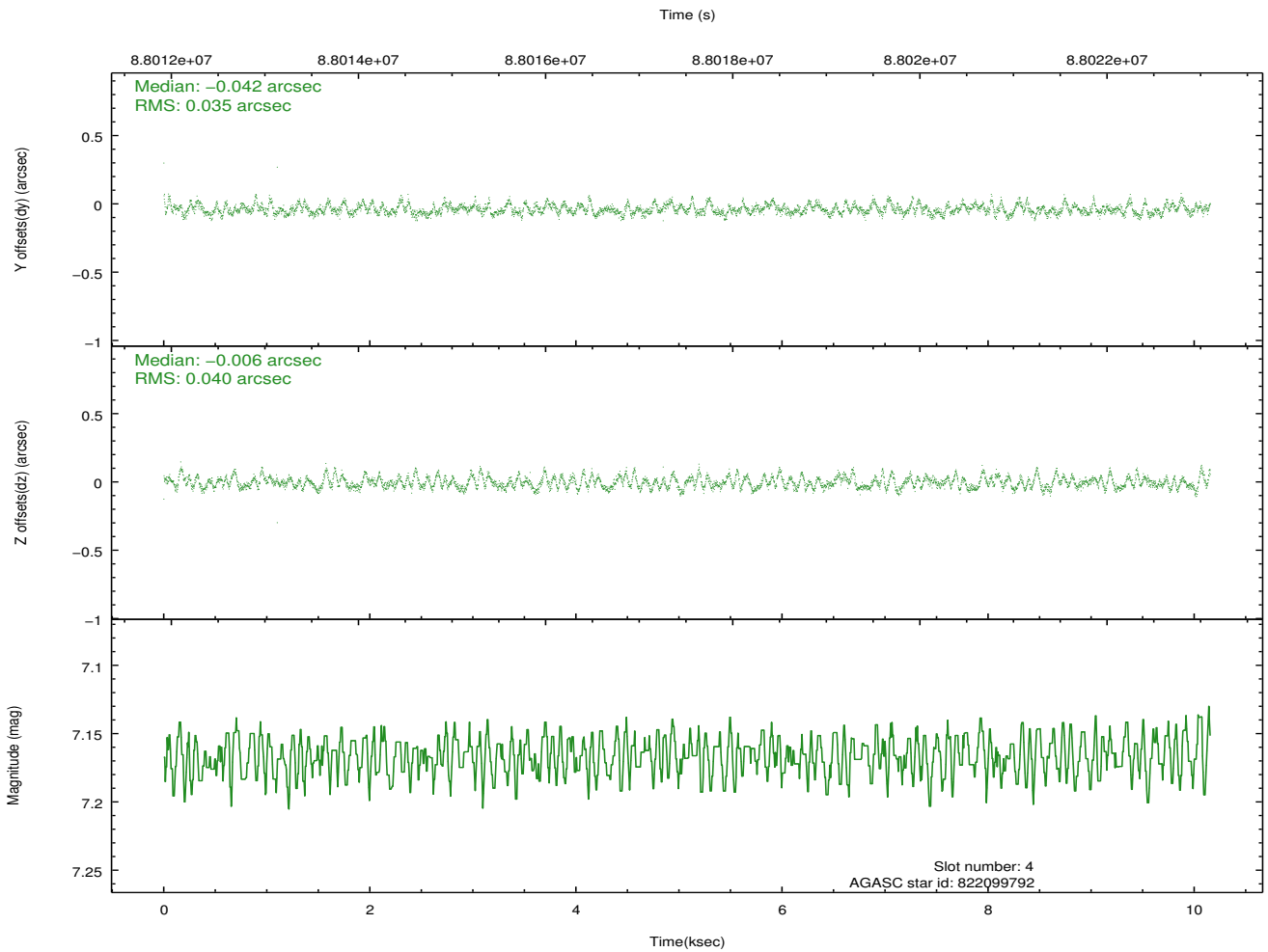
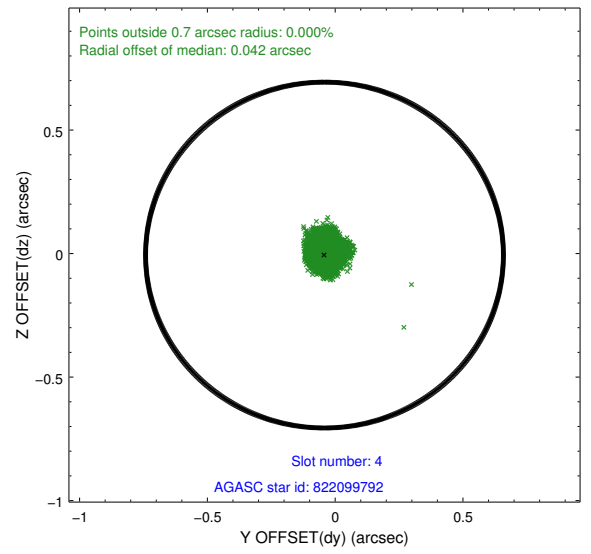
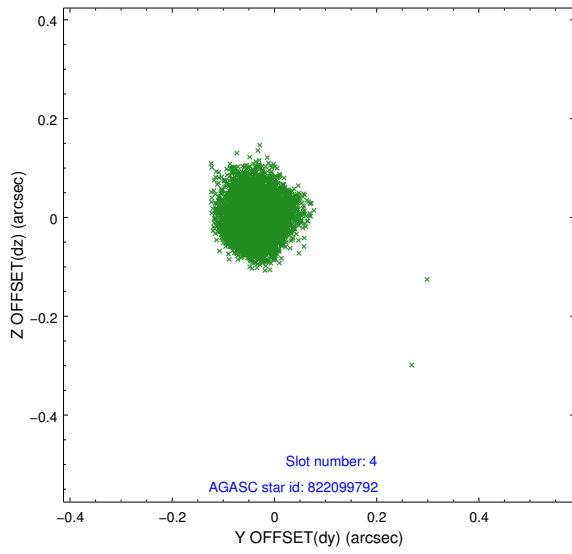
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-3	7.36	2477	-0.080	-0.049	0.019	0.028	0.000000	0.000000	58.43	-1855.90
1	FID	ACIS-S-4	7.20	2476	0.013	0.066	0.012	0.017	0.000000	0.000000	2158.68	181.18
2	FID	ACIS-S-5	7.24	2477	0.039	-0.007	0.010	0.016	0.000000	0.000000	-1806.84	175.40
3	GUIDE	822088160	6.54	4953	-0.183	0.123	0.040	0.063	272.729284	-18.869551	-1993.70	-339.92
4	GUIDE	822099792	7.17	4953	-0.042	-0.006	0.056	0.089	273.061248	-19.432823	83.19	695.18
5	GUIDE	822091704	8.09	4950	-0.172	-0.145	0.058	0.094	272.220028	-18.943658	-1802.10	-2084.44
6	GUIDE	822101160	8.46	4951	0.264	-0.095	0.063	0.111	272.245889	-20.018987	2069.64	-2158.92
7	GUIDE	822098064	8.27	4949	0.132	0.128	0.049	0.079	273.233974	-19.745214	1235.13	1227.18

2.4 Star Slots

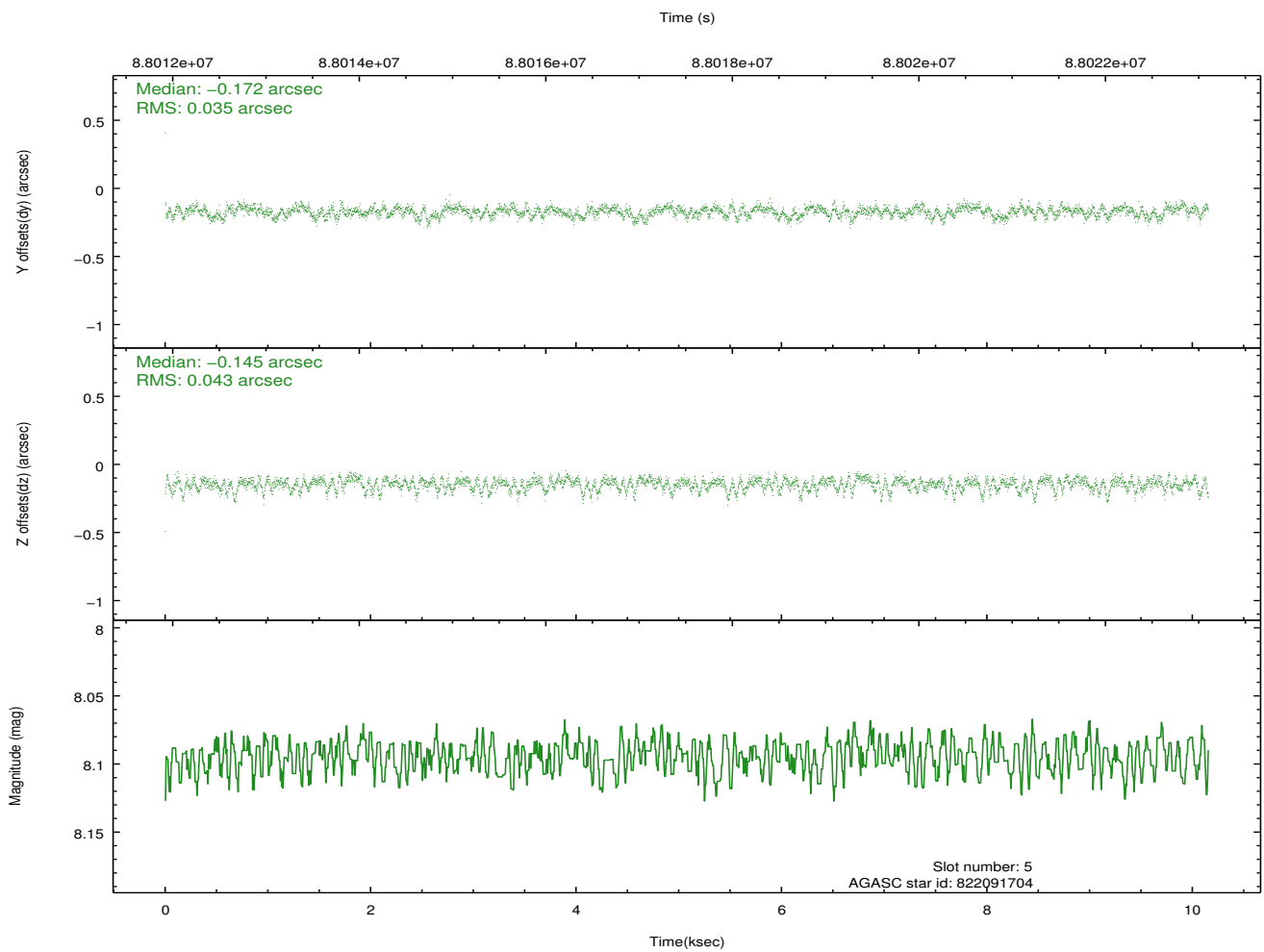
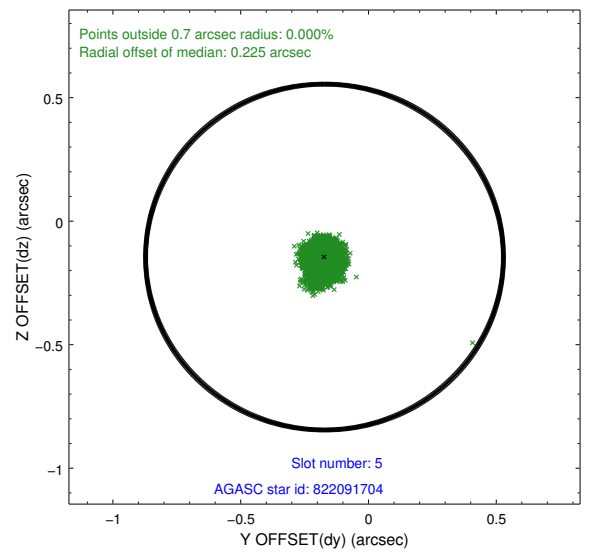
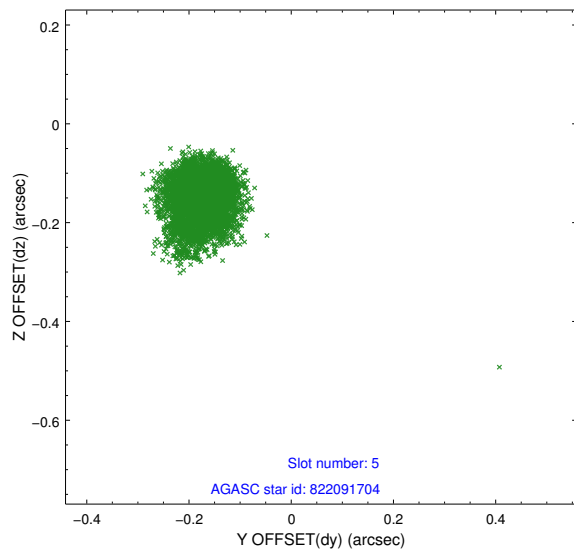
2.4.1 Slot 3



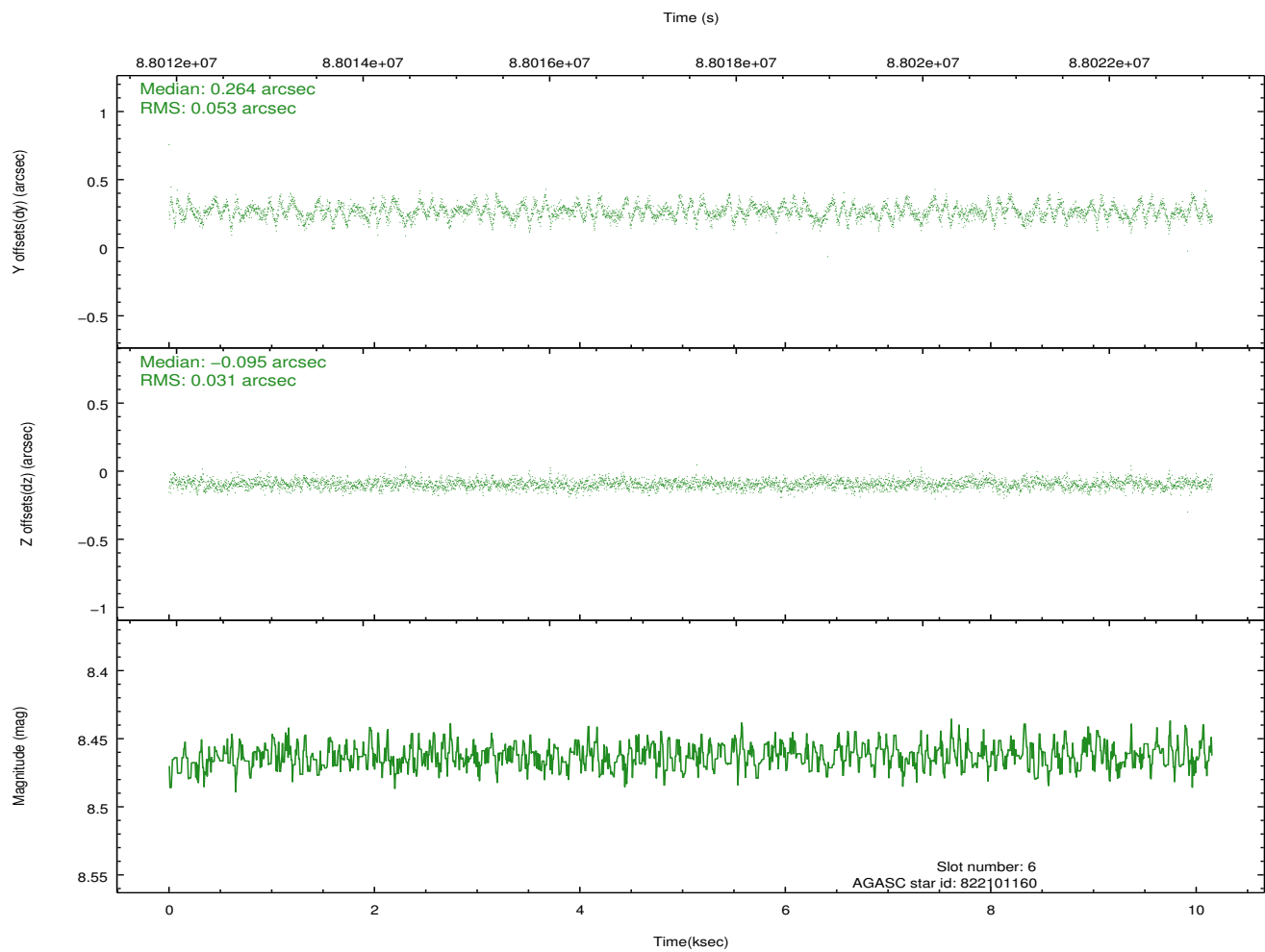
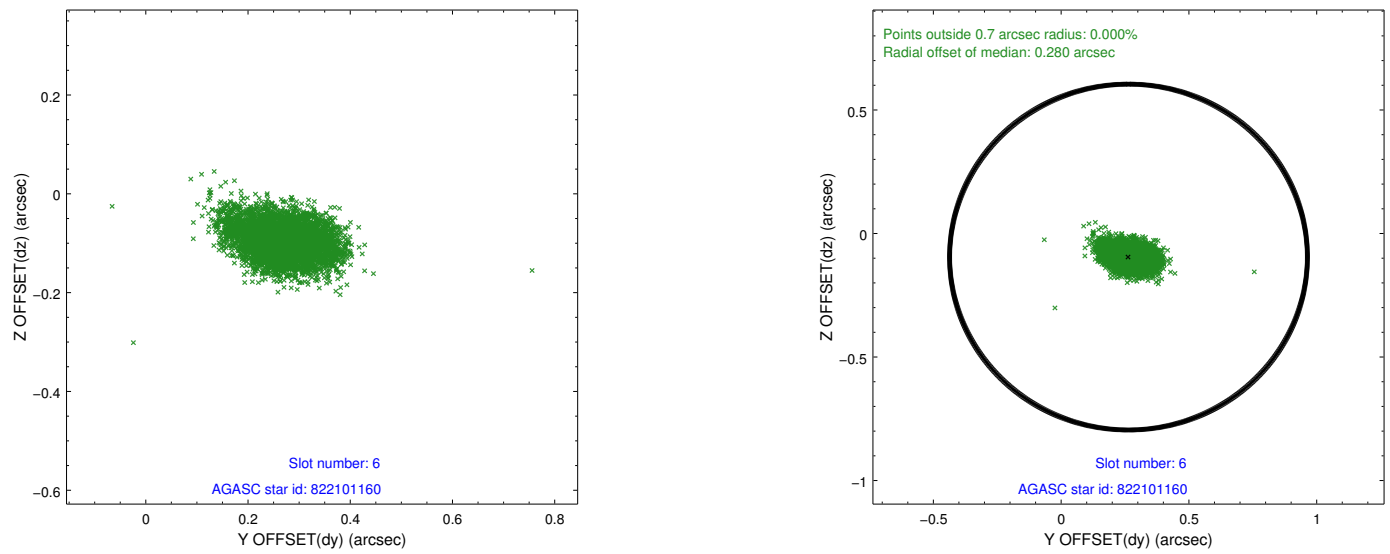
2.4.2 Slot 4



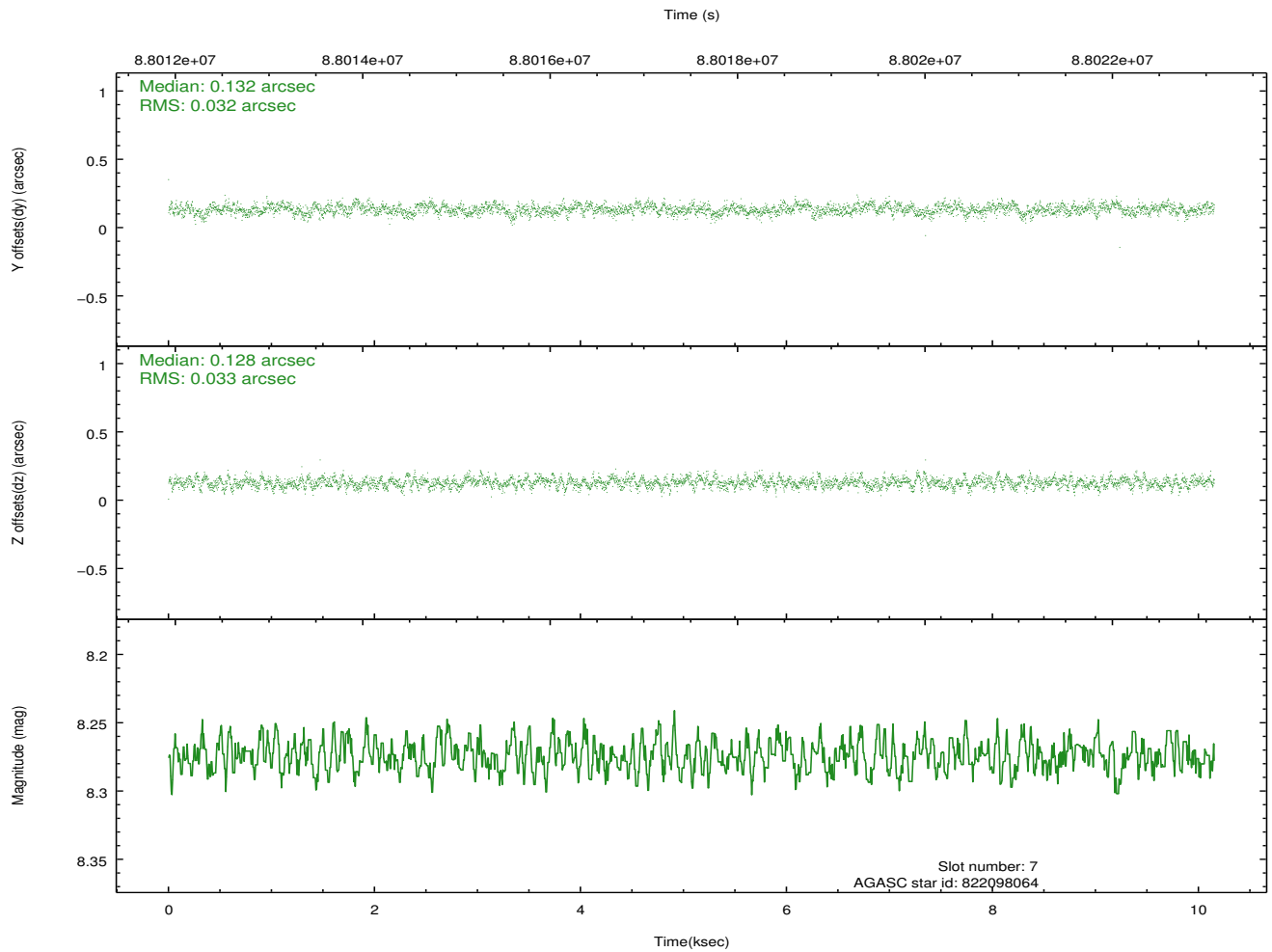
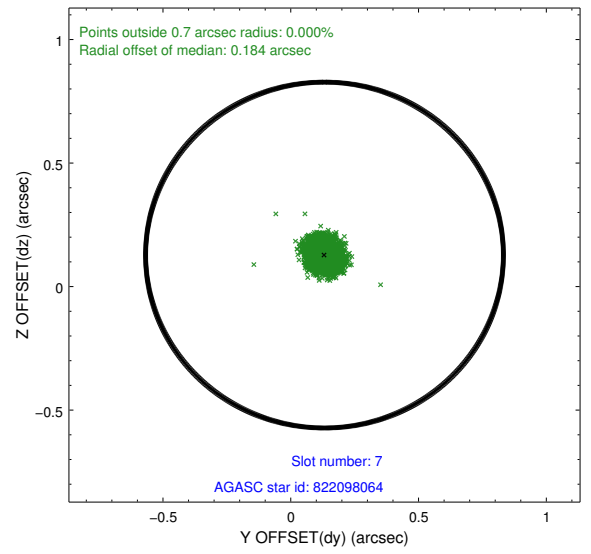
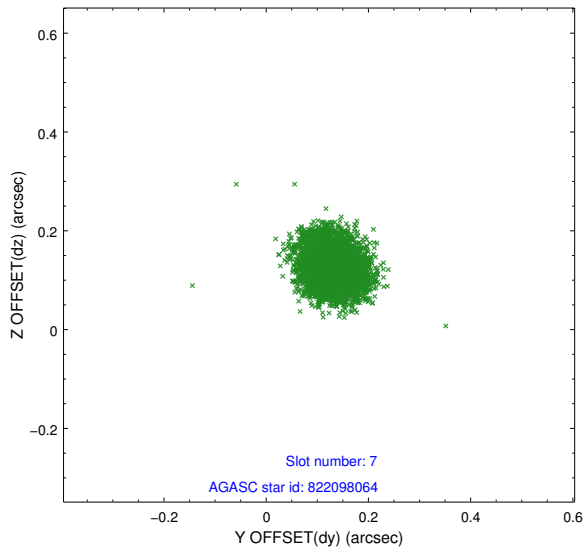
2.4.3 Slot 5



2.4.4 Slot 6

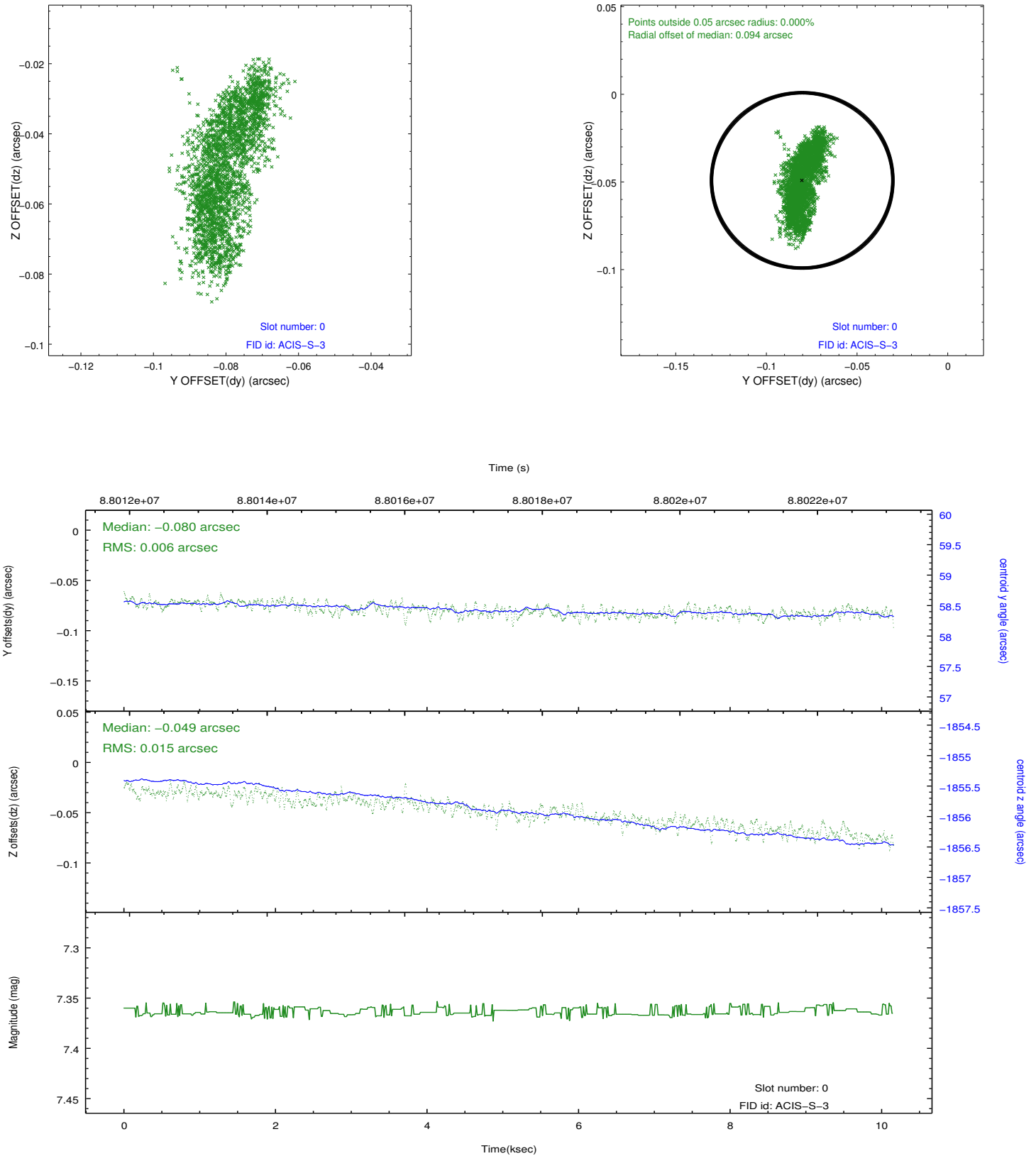


2.4.5 Slot 7

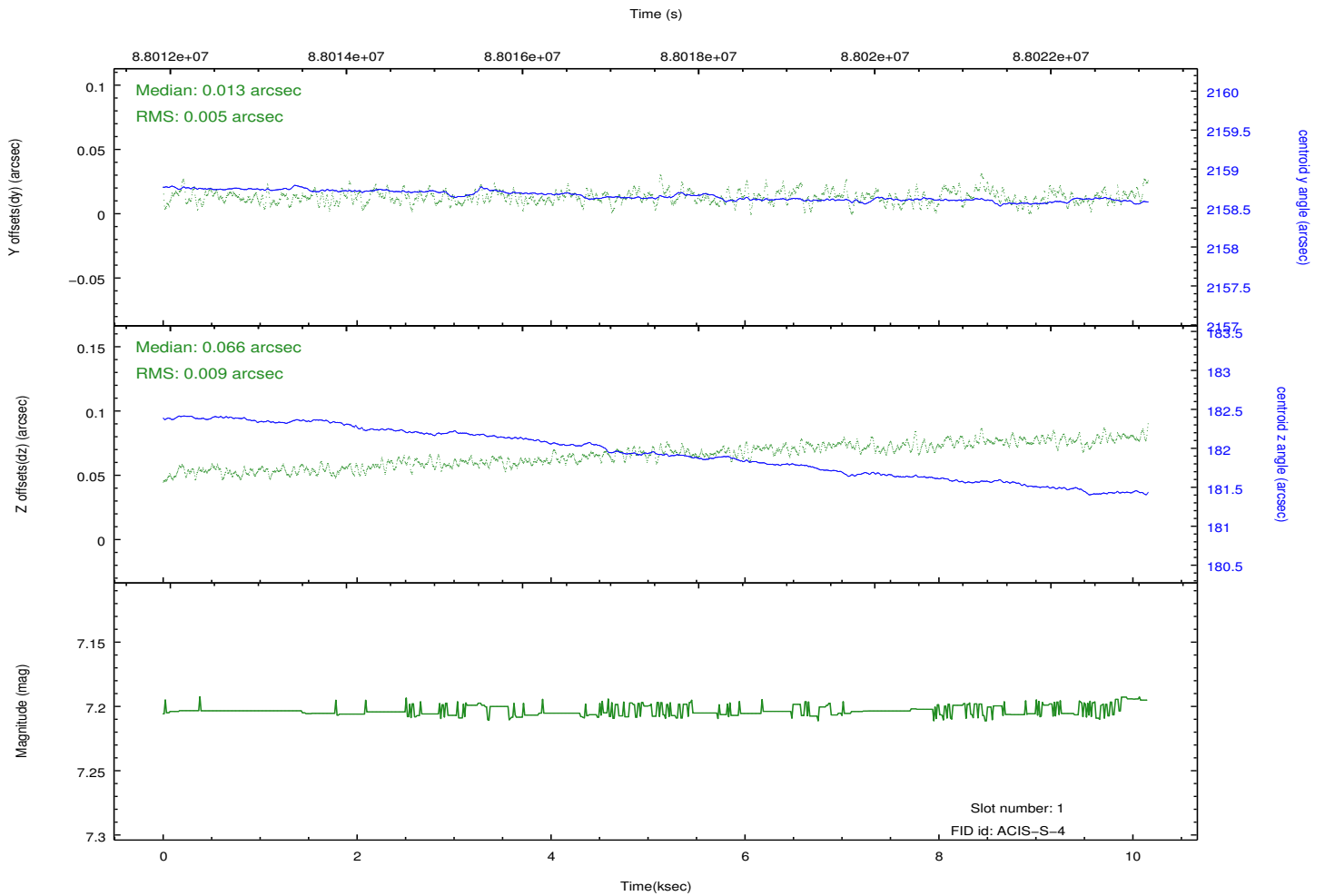
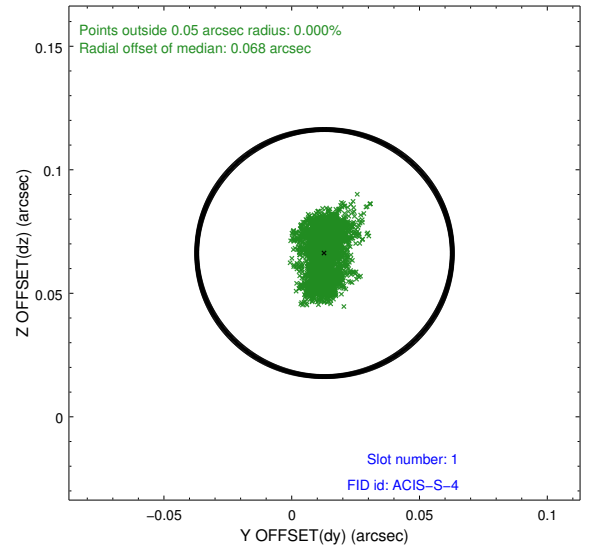
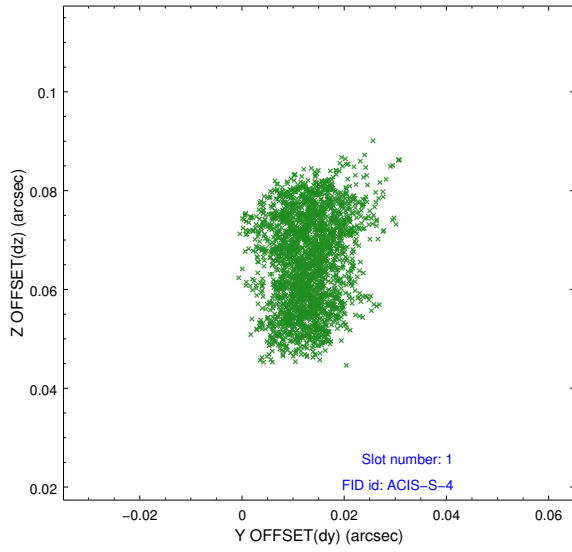


2.5 FID Slots

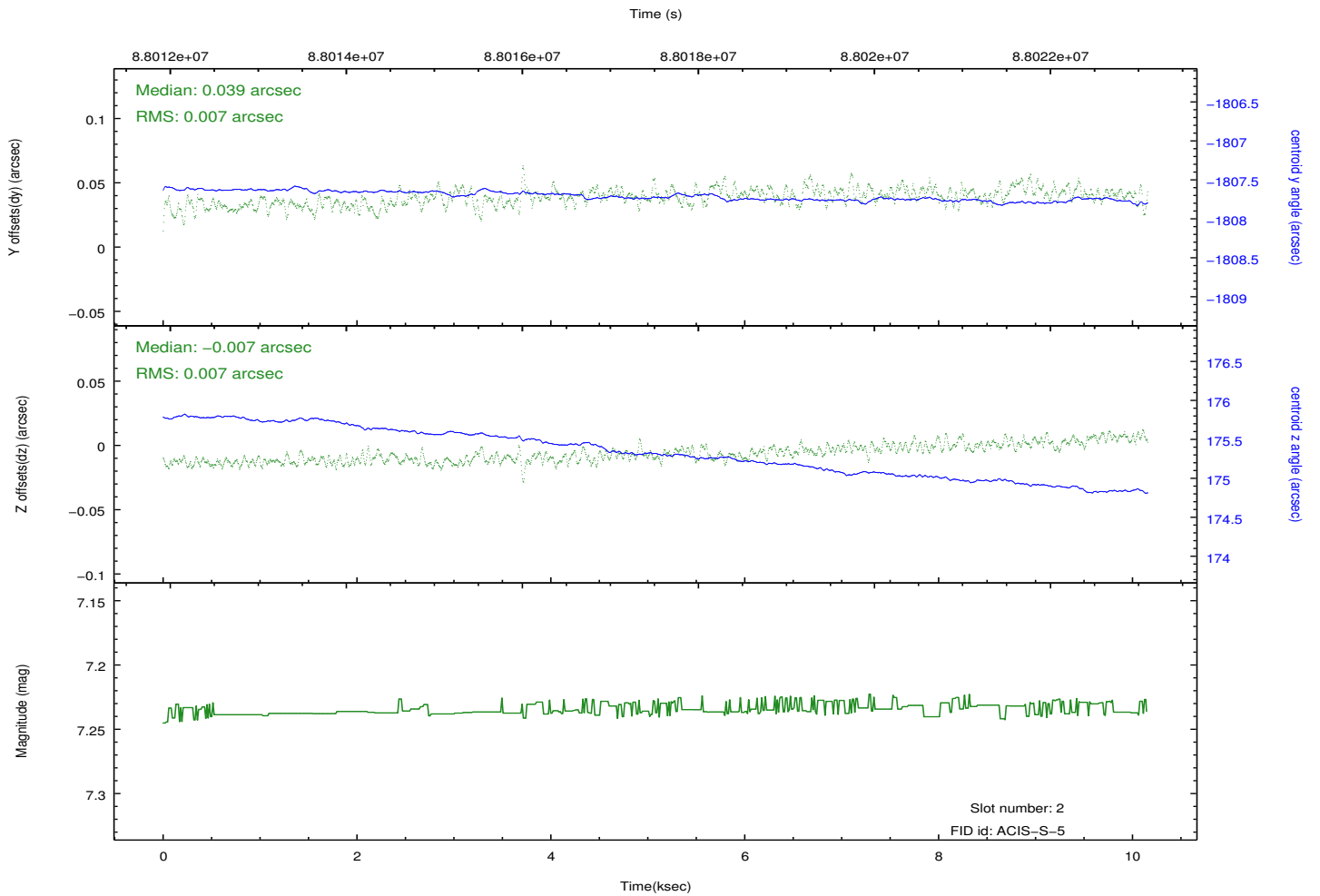
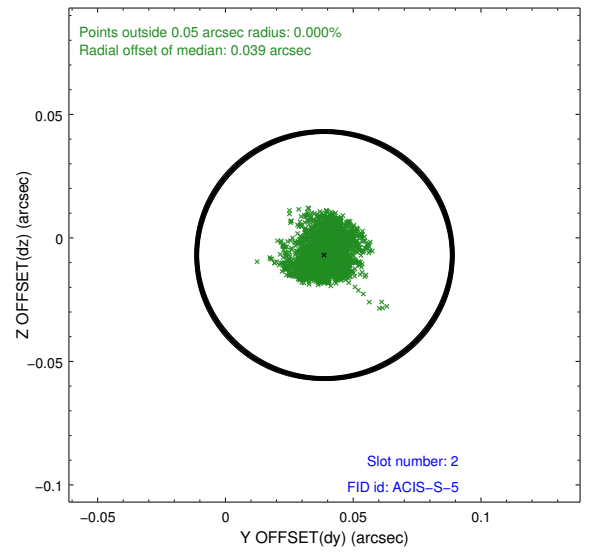
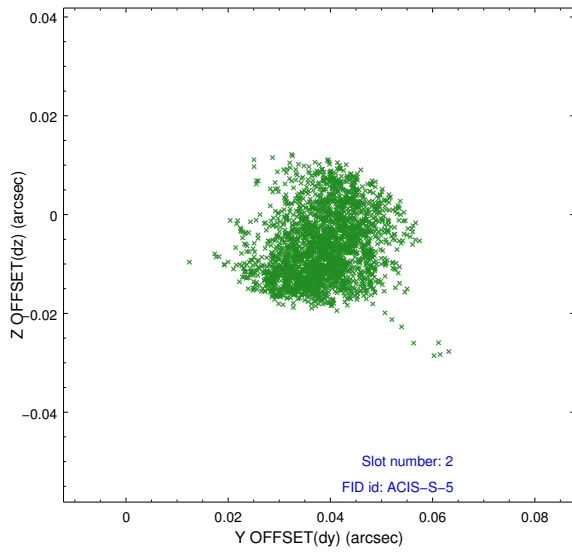
2.5.1 Slot 0



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)	2012.09.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.102

A.2 Comments