

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2322 - L2 Version 3
Chandra X-Ray Center

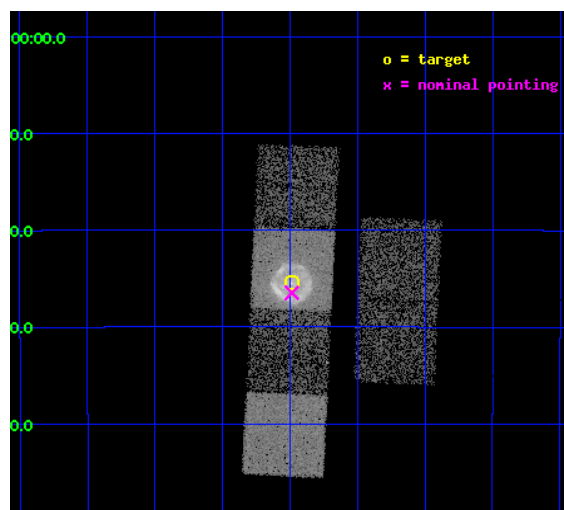
L2 Processing Date : Sep 2 2012

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1 Front

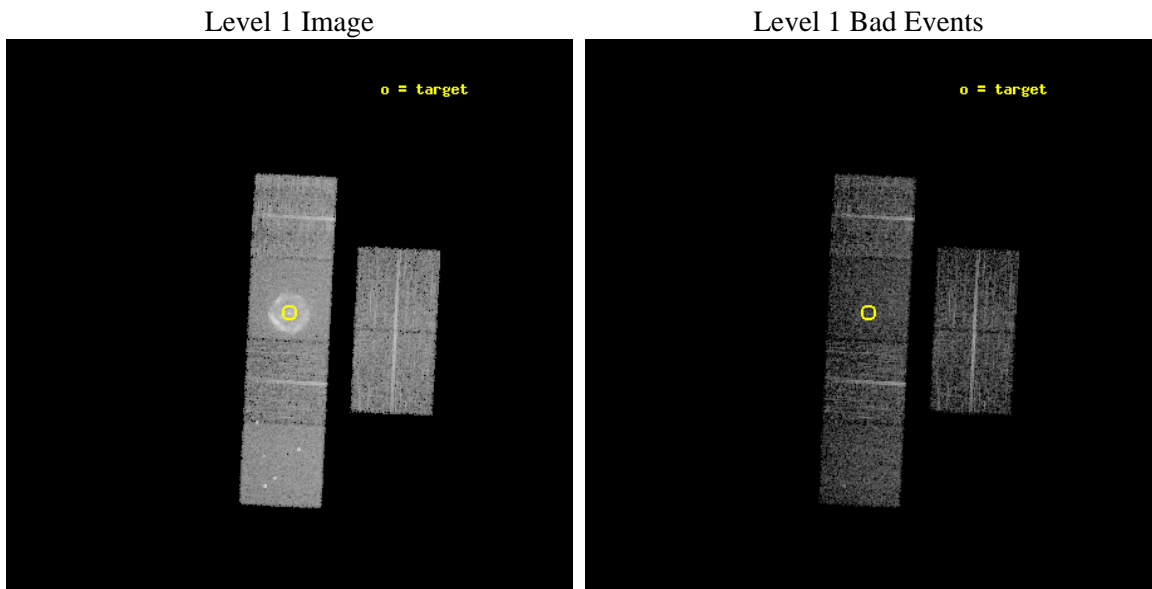
seq_num	500077	Sequence number
obs_id	2322	Observation id
title	THE HISTORIC SUPERNOVA REMNANT SYSTEM - G11.2-0.3	Proposal title
observer	Dr. Victoria Kaspi	Principal investigator
object	G11.2-0.3	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	272.8725	Observer's specified target RA [deg]
dec_targ	-19.423611	Observer's specified target Dec [deg]
ra_nom	272.87150938076	Nominal RA [deg]
dec_nom	-19.441259165095	Nominal Dec [deg]
roll_nom	272.79982375047	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4912.0000045598	Sum of GTIs [s]
livetime	4849.8013028507	Livetime [s]
ontime2	4912.0000045598	Sum of GTIs [s]
ontime3	4912.0000045598	Sum of GTIs [s]
ontime5	4912.0000045598	Sum of GTIs [s]
ontime6	4908.7590143979	Sum of GTIs [s]
ontime7	4912.0000045598	Sum of GTIs [s]
ontime8	4912.0000045598	Sum of GTIs [s]
l2events	77265	Number of level 2 events



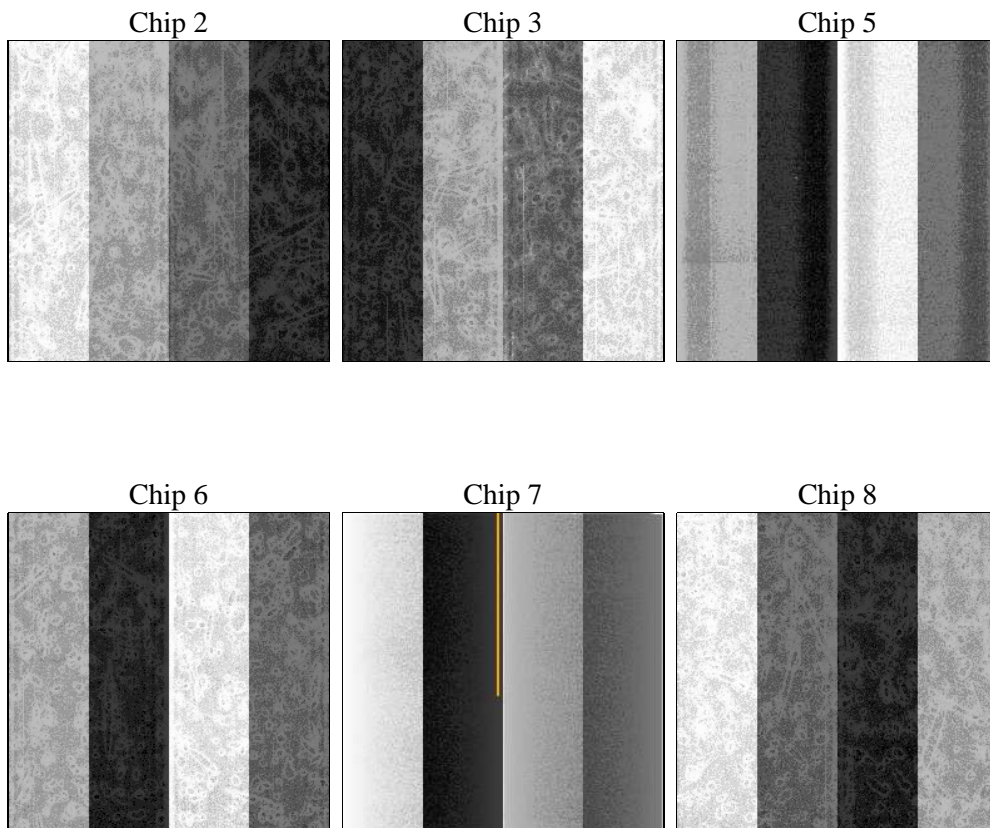
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4912.0000045598	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime2	4912.0000045598	Sum of GTIs [s]
date	2012-09-02T09:39:53	Date and time of file creation	ontime3	4912.0000045598	Sum of GTIs [s]
revision	3	Processing version of data	ontime5	4912.0000045598	Sum of GTIs [s]
			ontime6	4908.7590143979	Sum of GTIs [s]
			ontime7	4912.0000045598	Sum of GTIs [s]
			ontime8	4912.0000045598	Sum of GTIs [s]
			l1events	248414	Number of level 1 events

2.1.4 Events

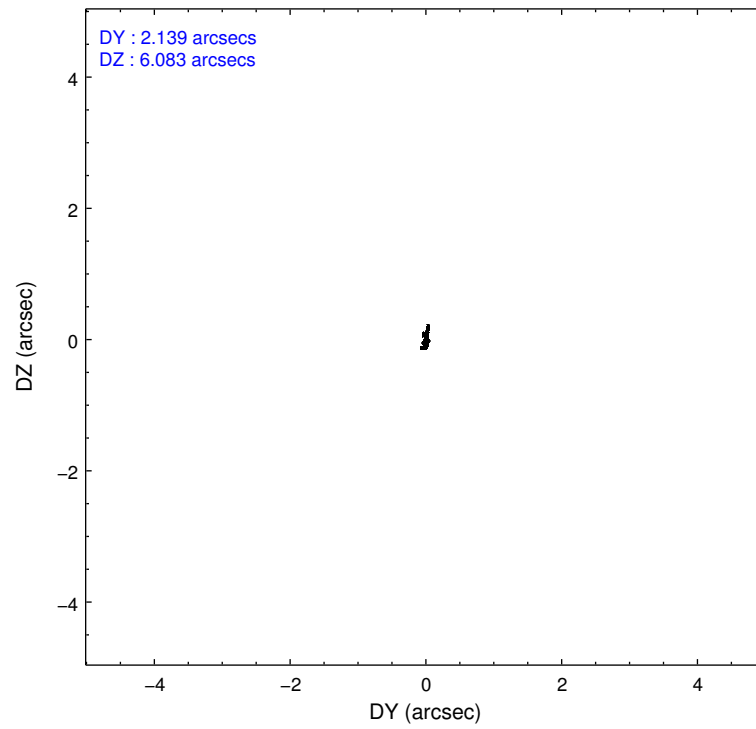
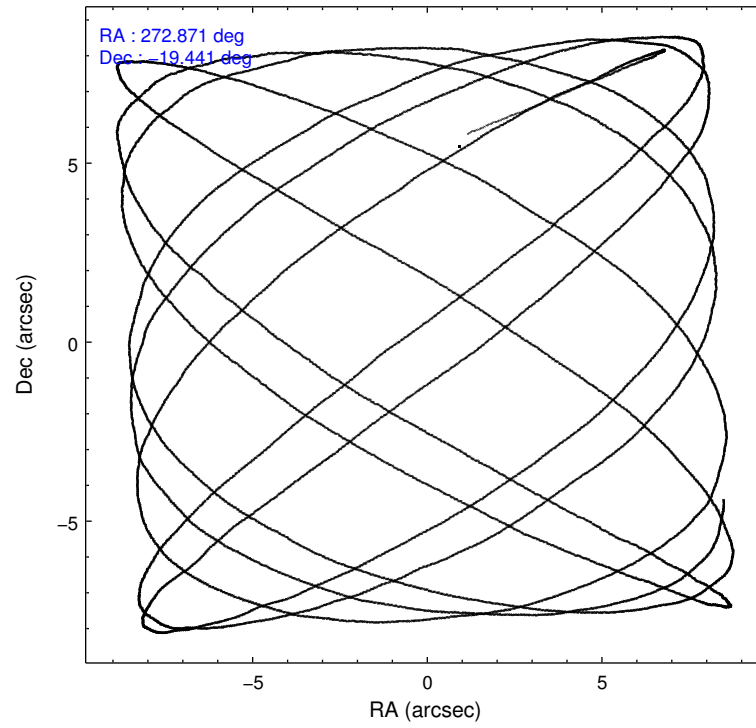
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	32503	31467	43278	32772	66674	41720	grade 0 events	1927	1952	3120	2241	8742	3322
rejected events	28544	27502	22745	28190	22328	32434		5%	6%	7%	6%	13%	7%
rejected %	87%	87%	52%	86%	33%	77%	grade 1 events	9	15	165	20	42	16
								0%	0%	0%	0%	0%	0%
							grade 2 events	757	713	5631	819	10755	1893
								2%	2%	13%	2%	16%	4%
							grade 3 events	339	328	894	430	4942	968
								1%	1%	2%	1%	7%	2%
							grade 4 events	337	326	903	424	4749	877
								1%	1%	2%	1%	7%	2%
							grade 5 events	1045	1130	3257	1198	3894	1695
								3%	3%	7%	3%	5%	4%
							grade 6 events	603	648	10014	684	15234	2236
								1%	2%	23%	2%	22%	5%
							grade 7 events	27486	26355	19294	26956	18316	30713
								84%	83%	44%	82%	27%	73%

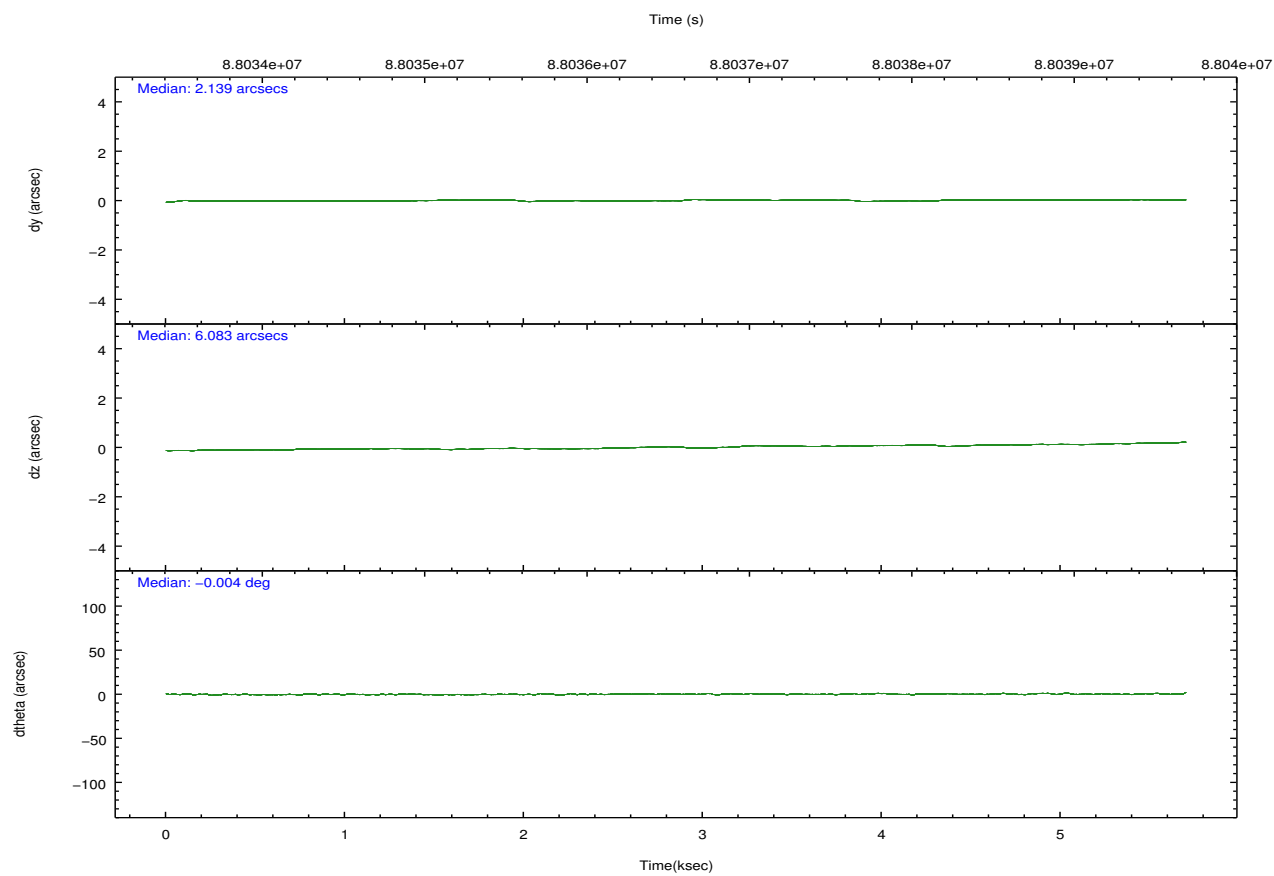
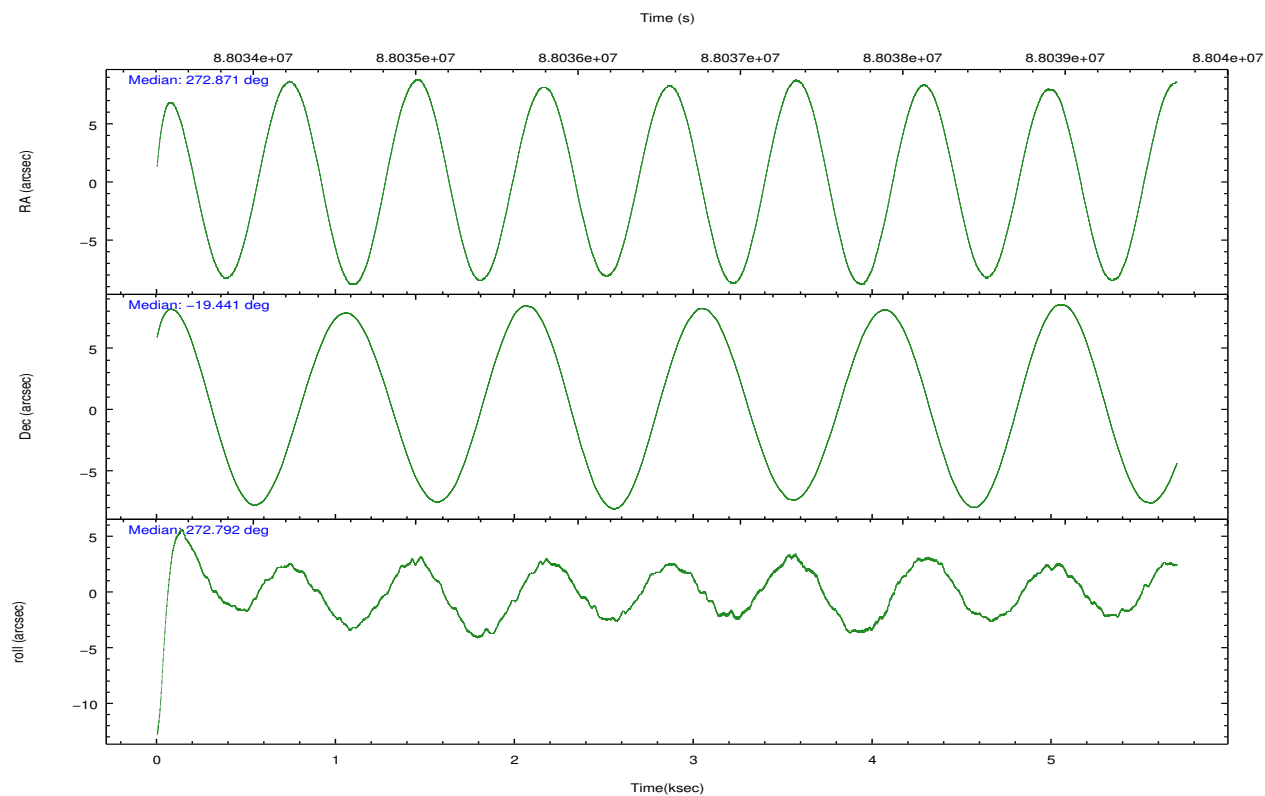
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-235678	ACIS-235678
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	POINTING	POINTING
[deg] Pointing RA	272.855611	272.871509380758
[deg] Pointing Dec	-19.418342	-19.44125916509506
[deg] Pointing Roll	272.637938	272.7998237504682
[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)	88034400.184000	88033186.33517601
Observation start date	2000-10-15T21:58:56	2000-10-15T21:39:46
[s] Observation end time (MET)	88039400.184000	88039834.997927
Observation end date	2000-10-15T23:22:16	2000-10-15T23:30:34
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	3.2

2.3 Aspect



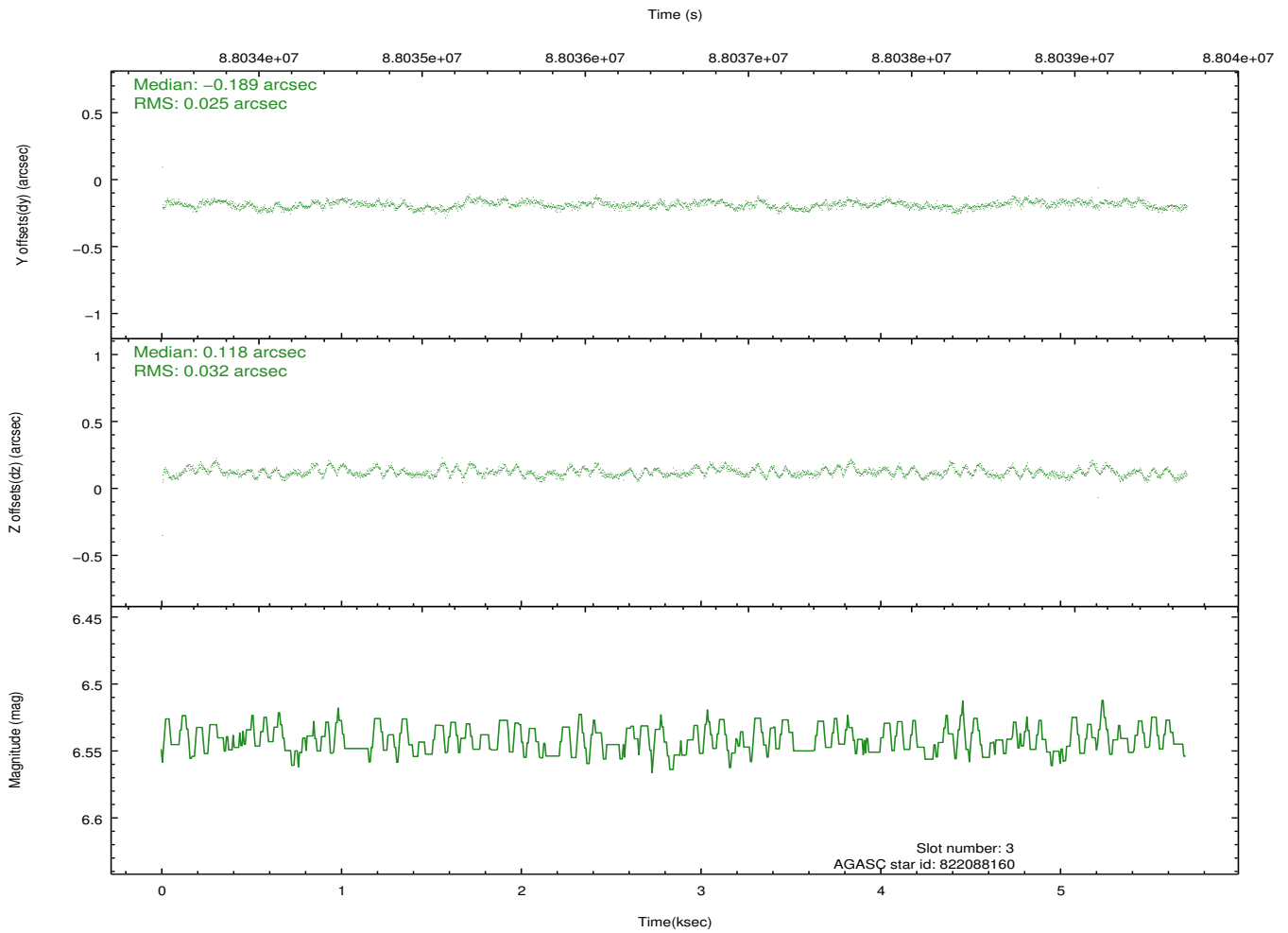
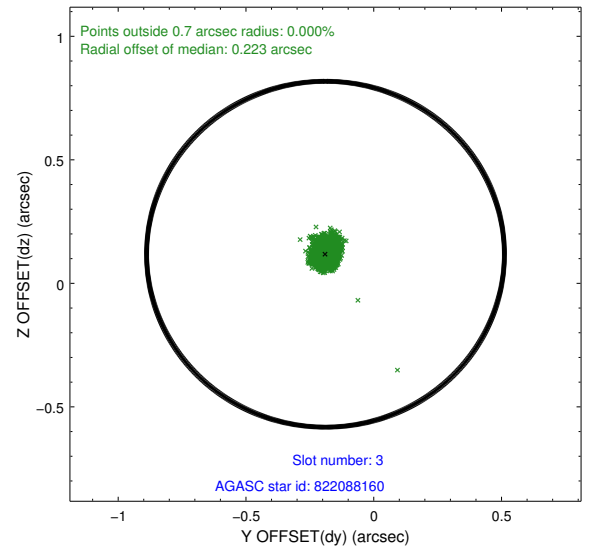
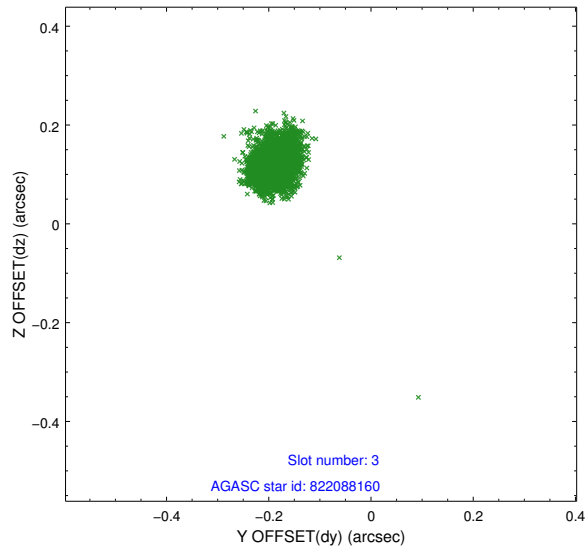


Slot Statistics

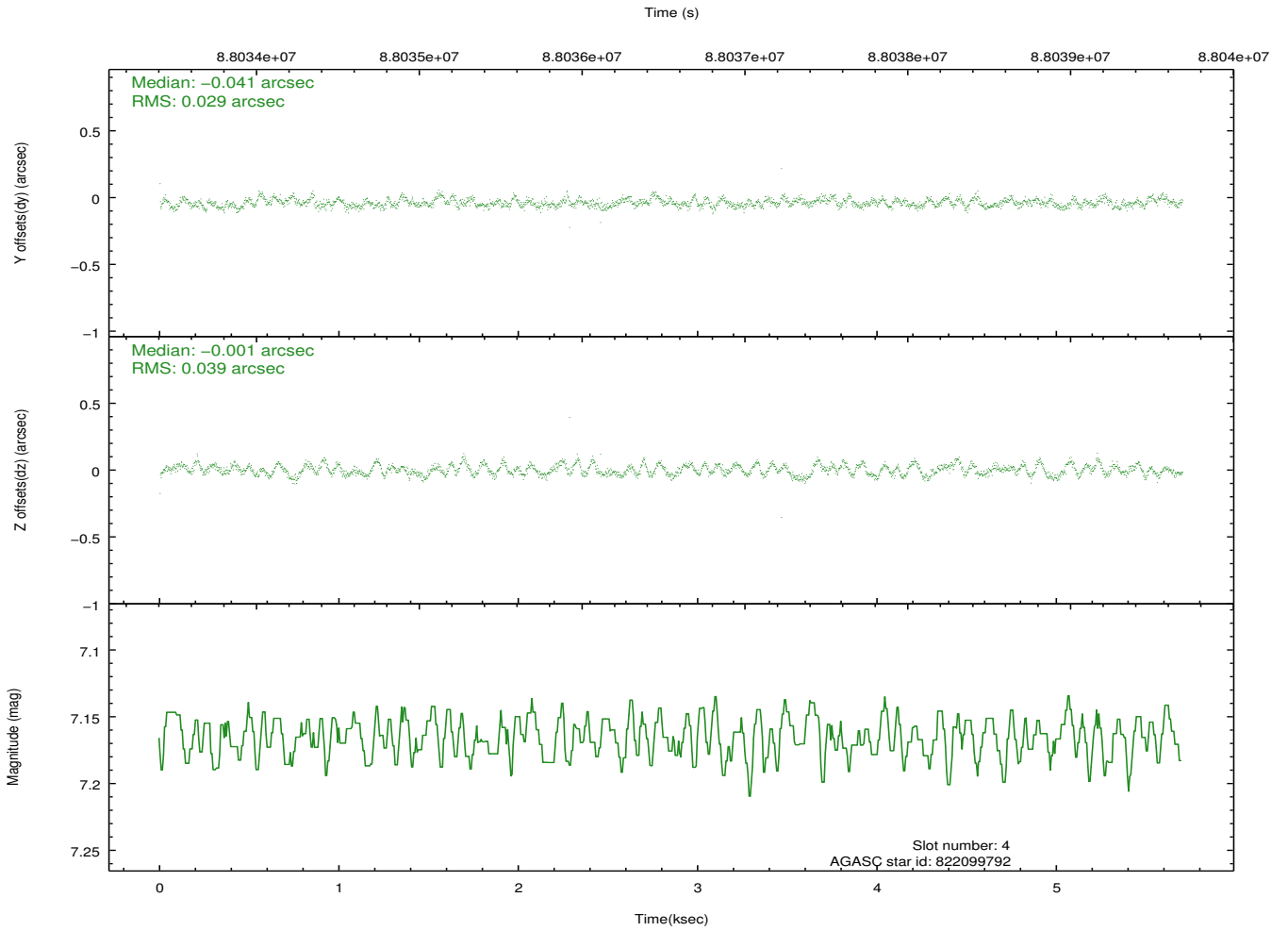
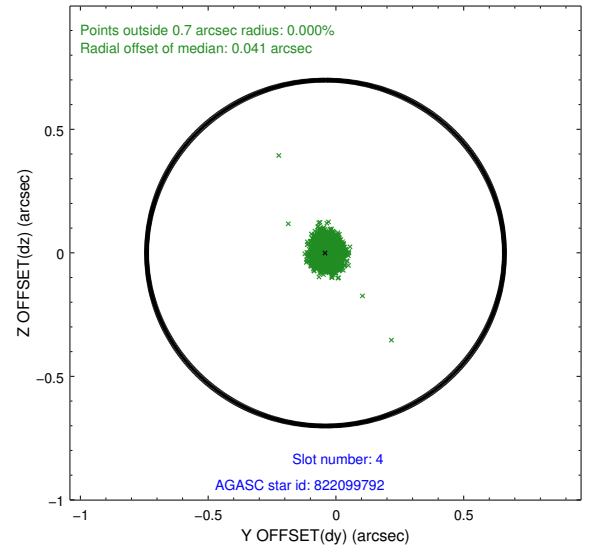
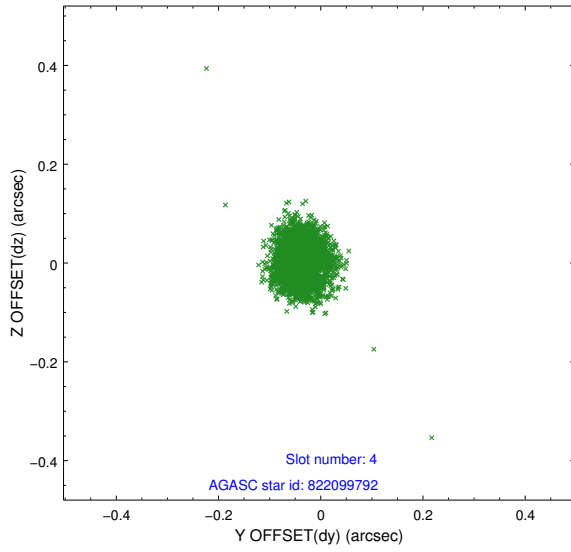
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-3	7.36	1390	-0.081	-0.072	0.009	0.014	0.000000	0.000000	58.37	-1856.37
1	FID	ACIS-S-4	7.20	1390	0.009	0.077	0.006	0.011	0.000000	0.000000	2158.64	180.16
2	FID	ACIS-S-5	7.23	1391	0.044	0.004	0.007	0.011	0.000000	0.000000	-1806.21	175.03
3	GUIDE	822088160	6.54	2782	-0.189	0.118	0.042	0.068	272.729284	-18.869551	-1993.60	-338.70
4	GUIDE	822099792	7.17	2782	-0.041	-0.001	0.050	0.078	273.061248	-19.432823	83.51	695.29
5	GUIDE	822091704	8.10	2777	-0.185	-0.148	0.058	0.093	272.220028	-18.943658	-1802.88	-2083.21
6	GUIDE	822101160	8.46	2781	0.284	-0.105	0.066	0.109	272.245889	-20.018987	2068.56	-2160.11
7	GUIDE	822098064	8.27	2780	0.131	0.136	0.060	0.093	273.233974	-19.745214	1236.38	1226.43

2.4 Star Slots

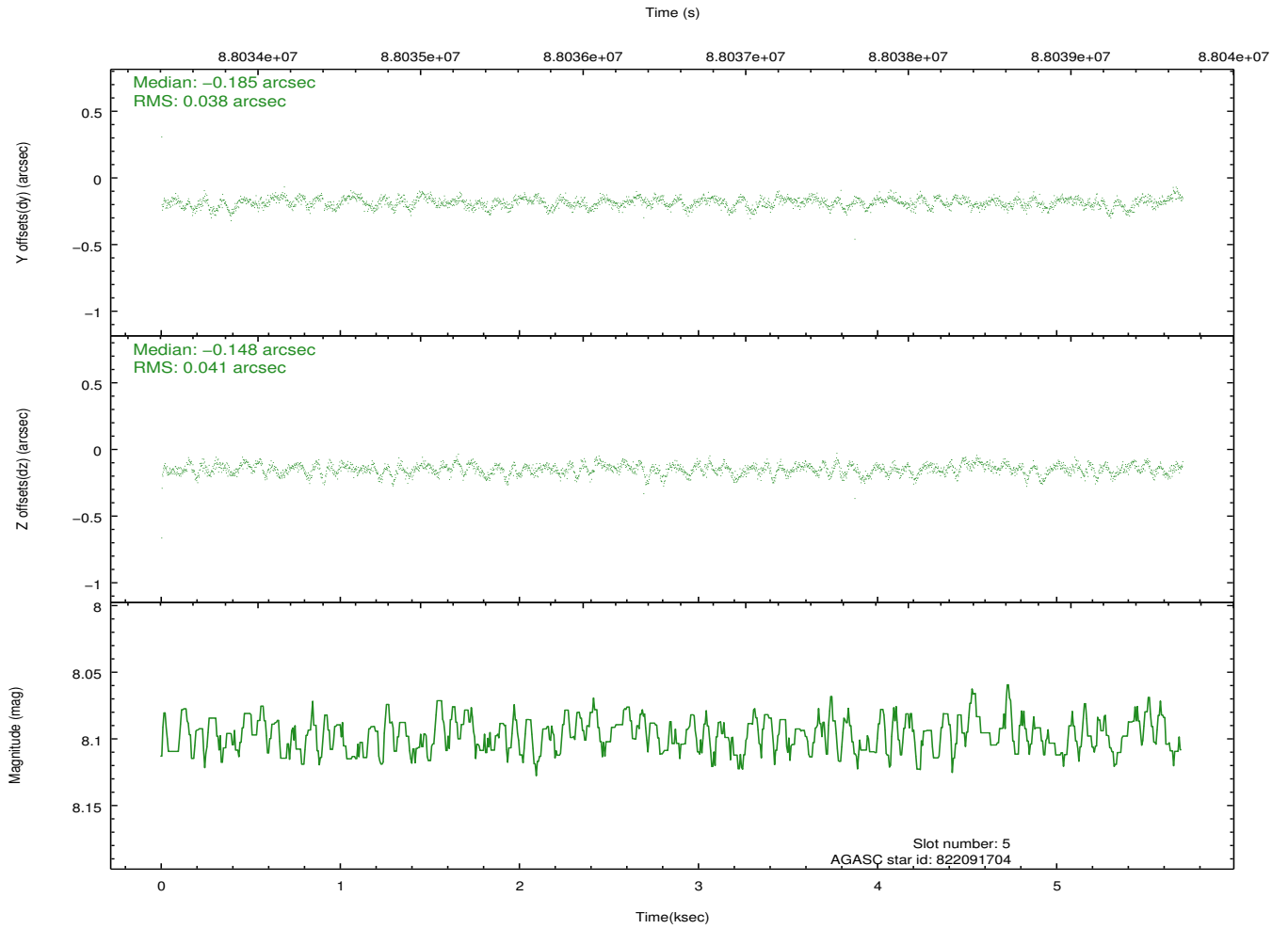
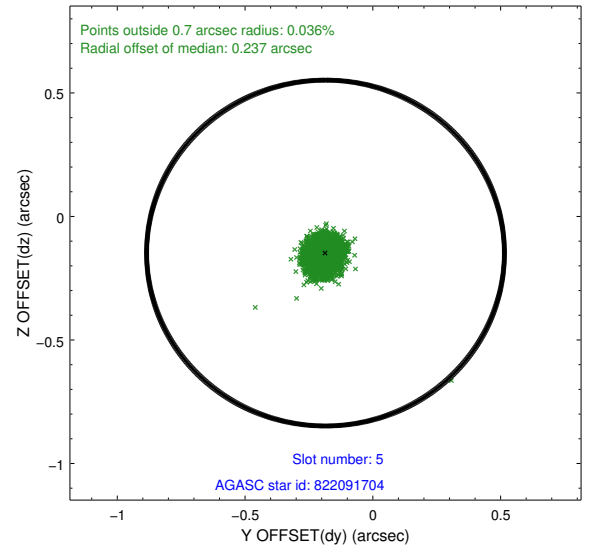
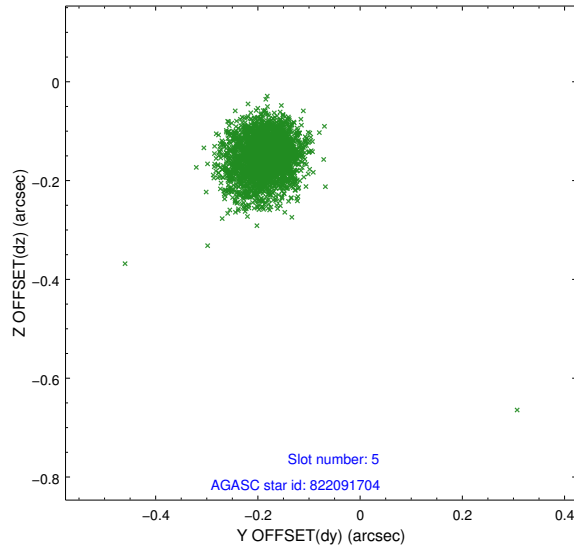
2.4.1 Slot 3



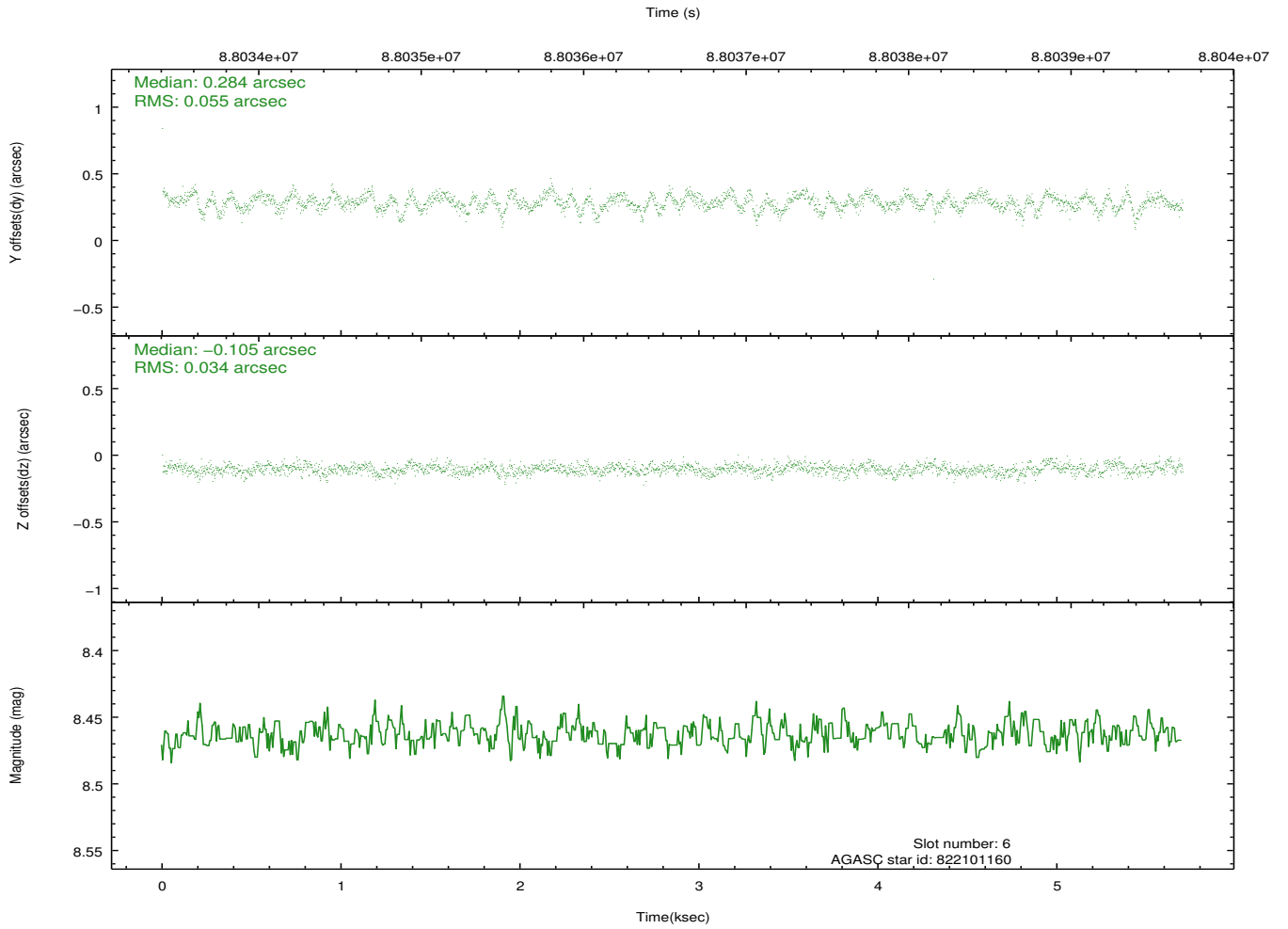
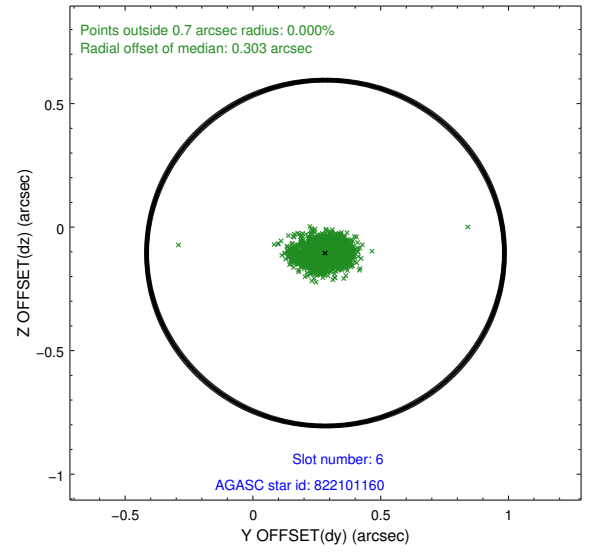
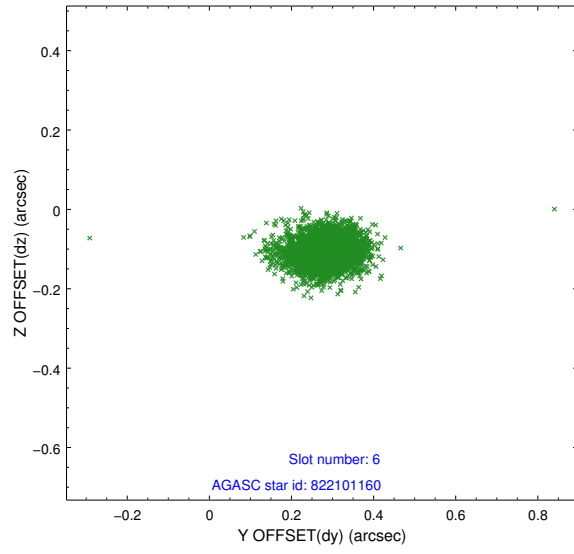
2.4.2 Slot 4



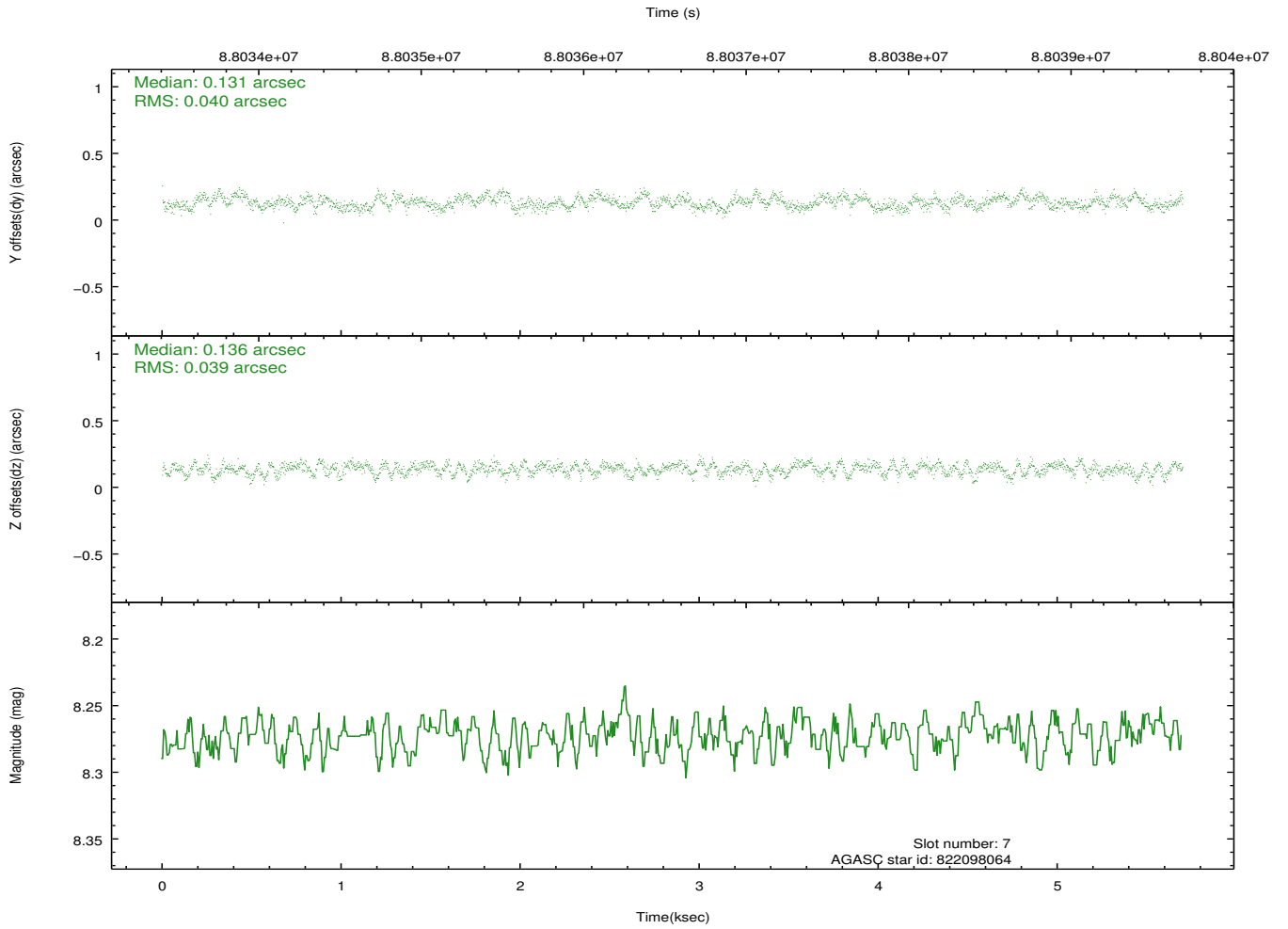
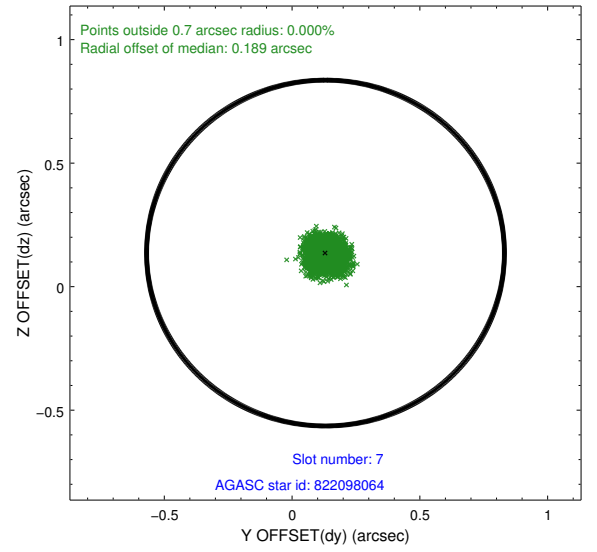
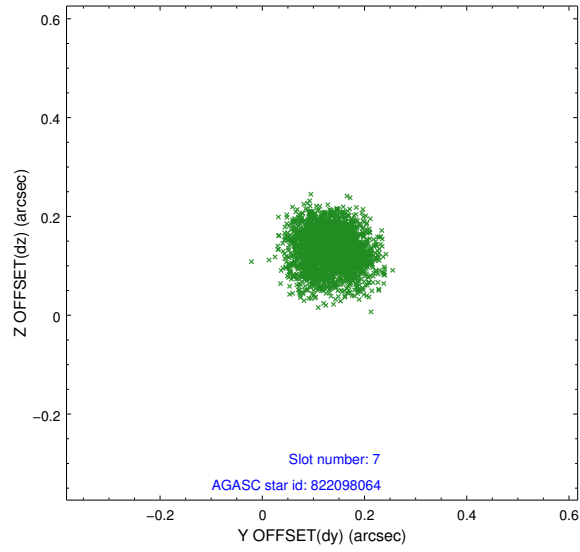
2.4.3 Slot 5



2.4.4 Slot 6

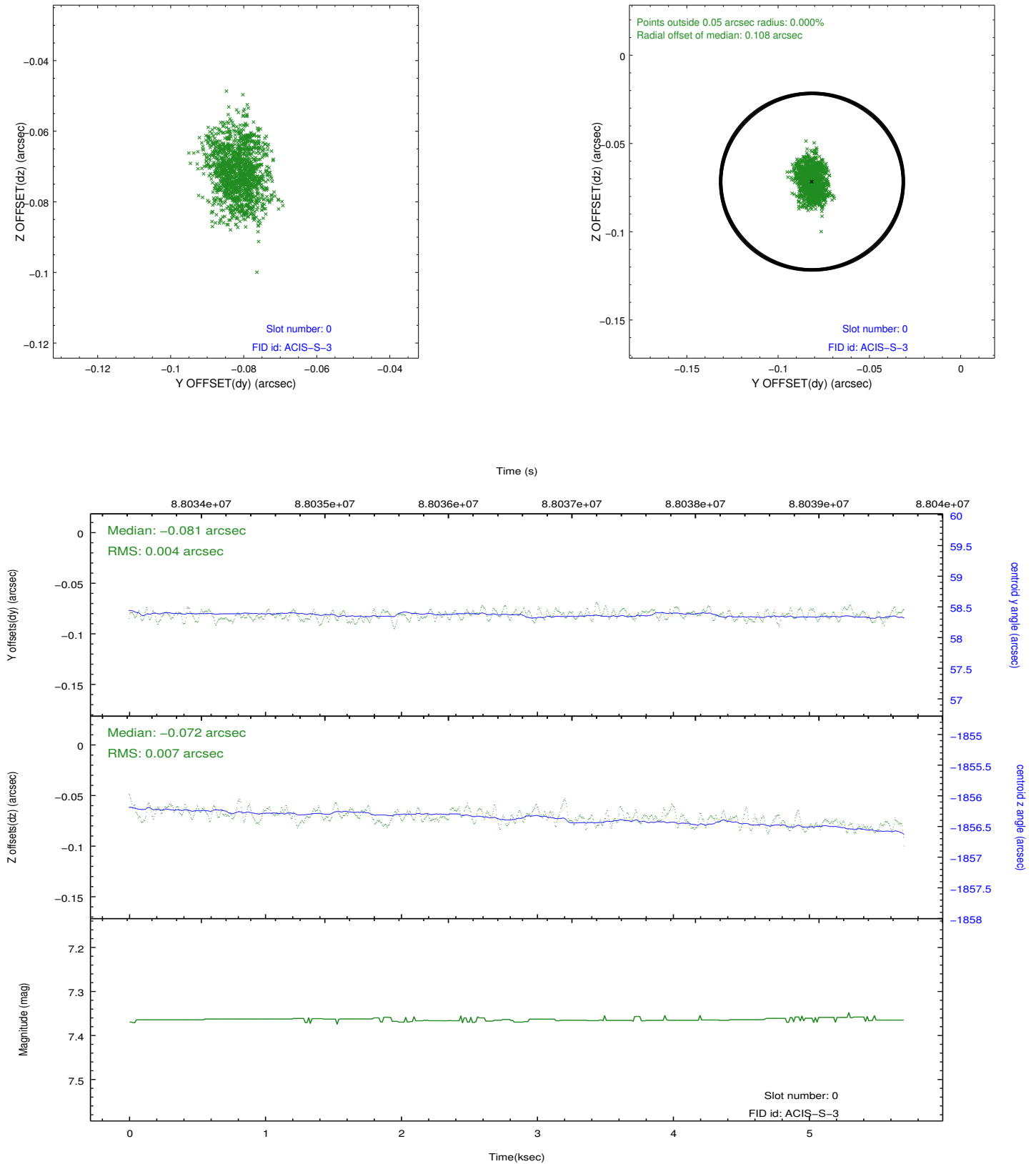


2.4.5 Slot 7

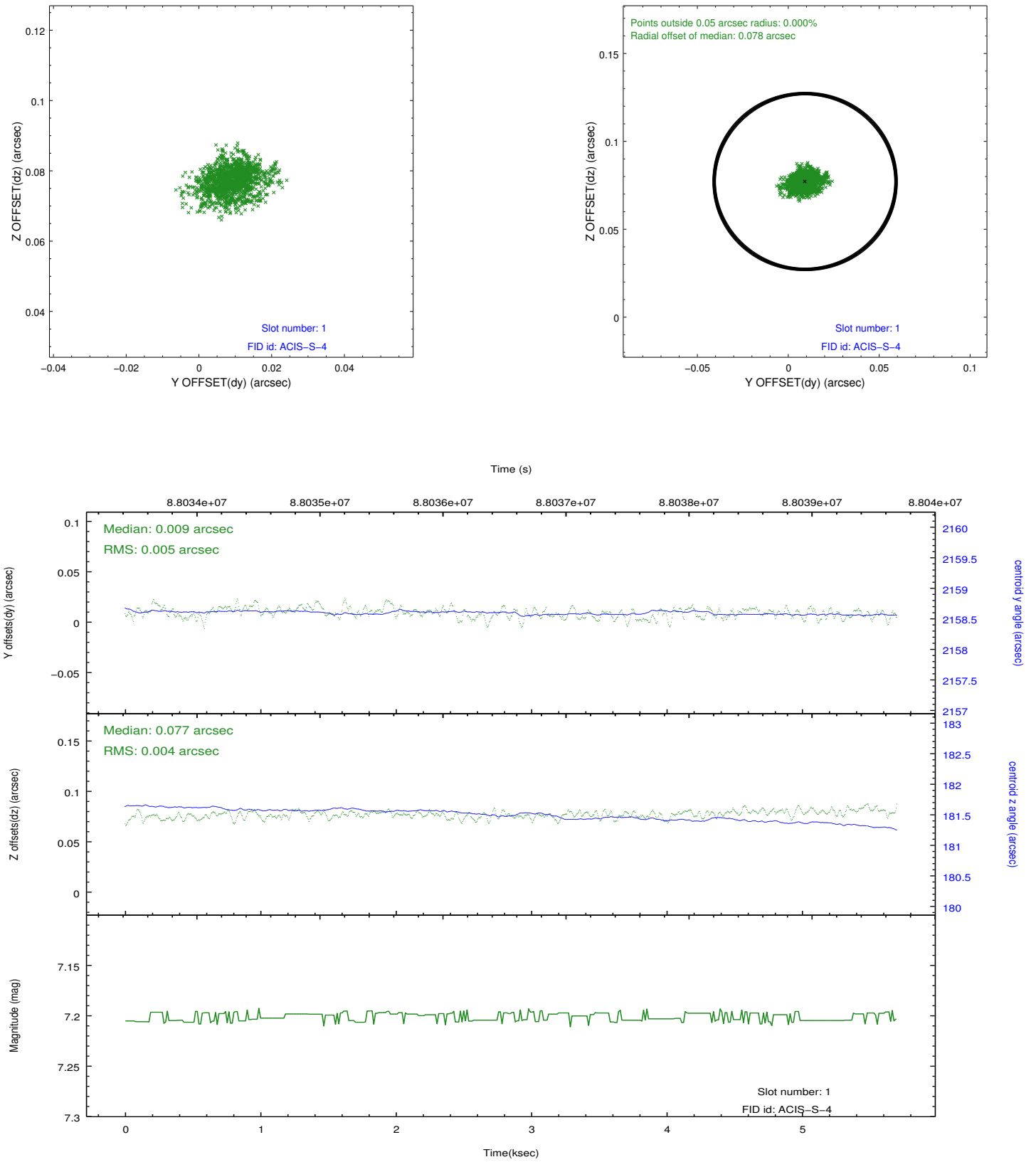


2.5 FID Slots

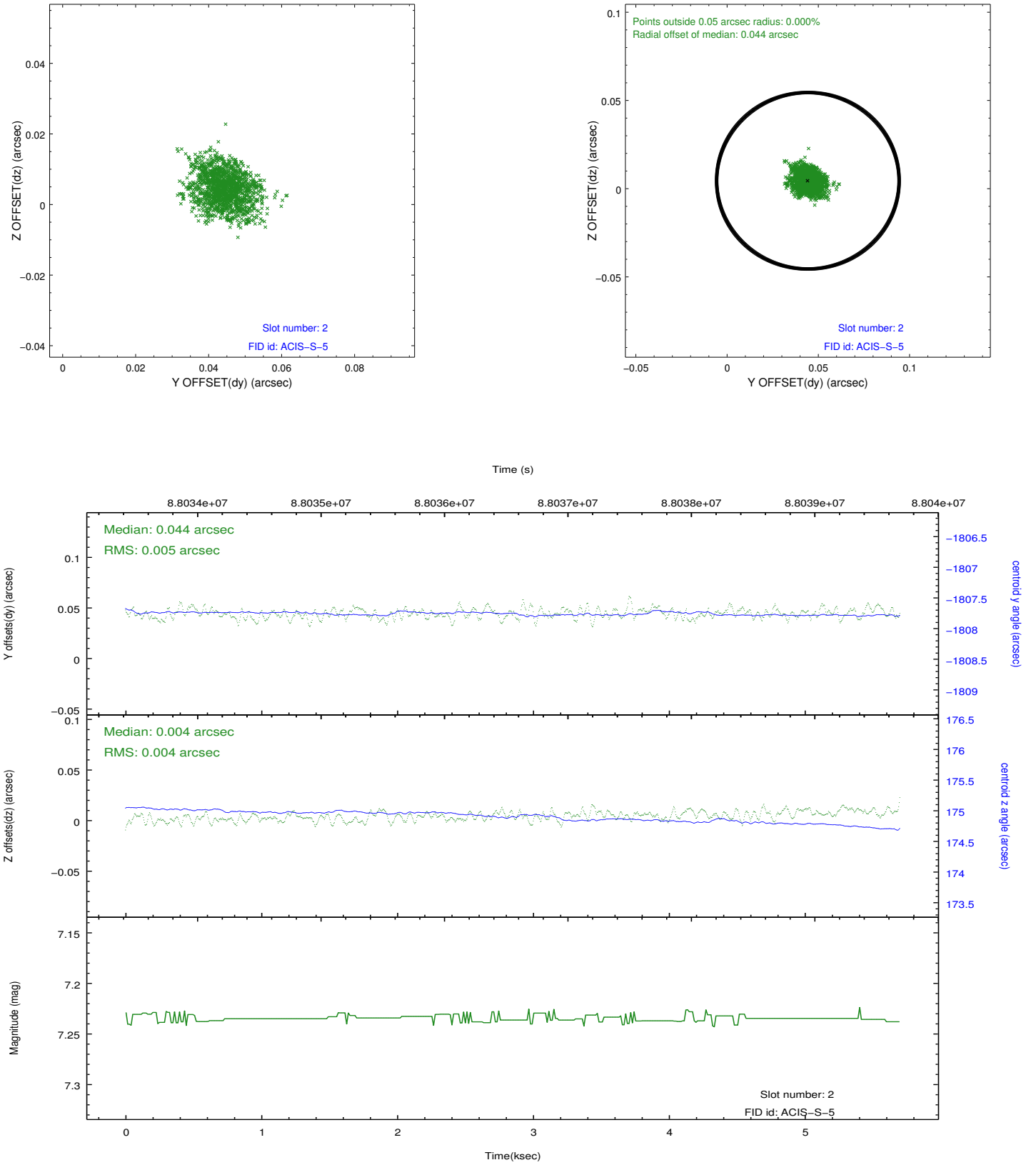
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.09.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.915

A.2 Comments