

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 7088 - L2 Version 2
Chandra X-Ray Center

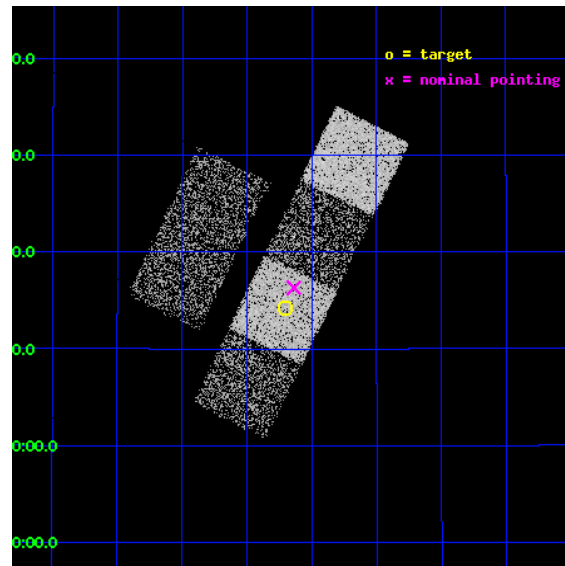
L2 Processing Date : Apr 10 2012

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1 Front

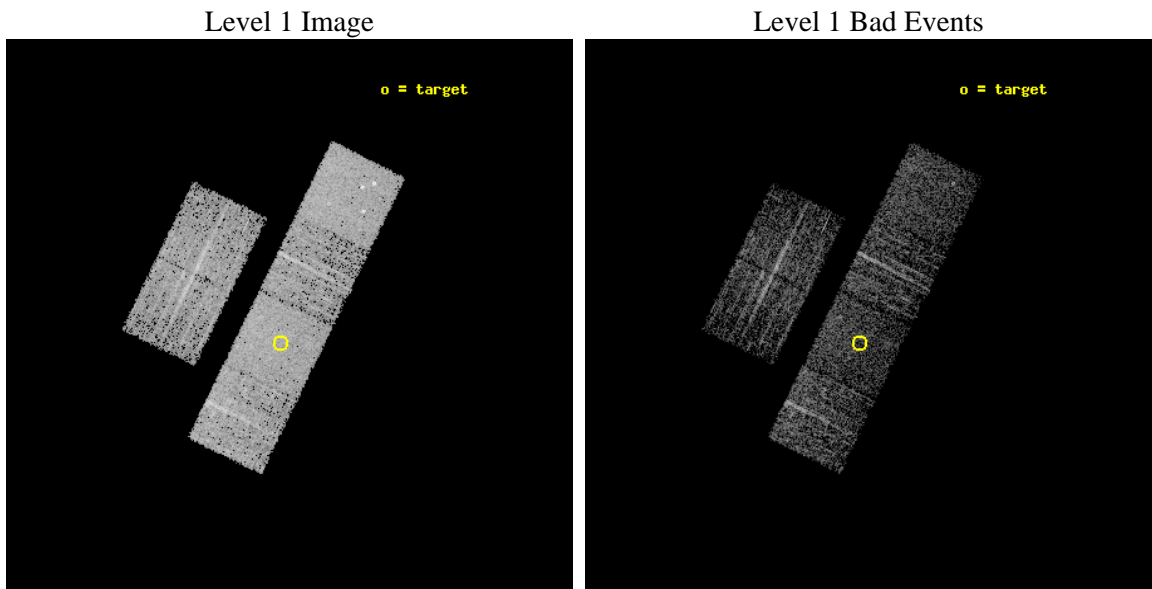
seq_num	600526	Sequence number
obs_id	7088	Observation id
title	A Complete Sample of ULX Host Galaxies	Proposal title
observer	Douglas Swartz	Principal investigator
object	NGC 1156	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	44.925833	Observer's specified target RA [deg]
dec_targ	25.237194	Observer's specified target Dec [deg]
ra_nom	44.909418890225	Nominal RA [deg]
dec_nom	25.271827546135	Nominal Dec [deg]
roll_nom	116.07593751278	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1954.2393622398	Sum of GTIs [s]
livetime	1929.4936067335	Livetime [s]
ontime2	1954.2804022431	Sum of GTIs [s]
ontime3	1954.1162422299	Sum of GTIs [s]
ontime5	1954.1983222365	Sum of GTIs [s]
ontime6	1954.1572822332	Sum of GTIs [s]
ontime7	1954.2393622398	Sum of GTIs [s]
ontime8	1954.0752022266	Sum of GTIs [s]
l2events	28336	Number of level 2 events



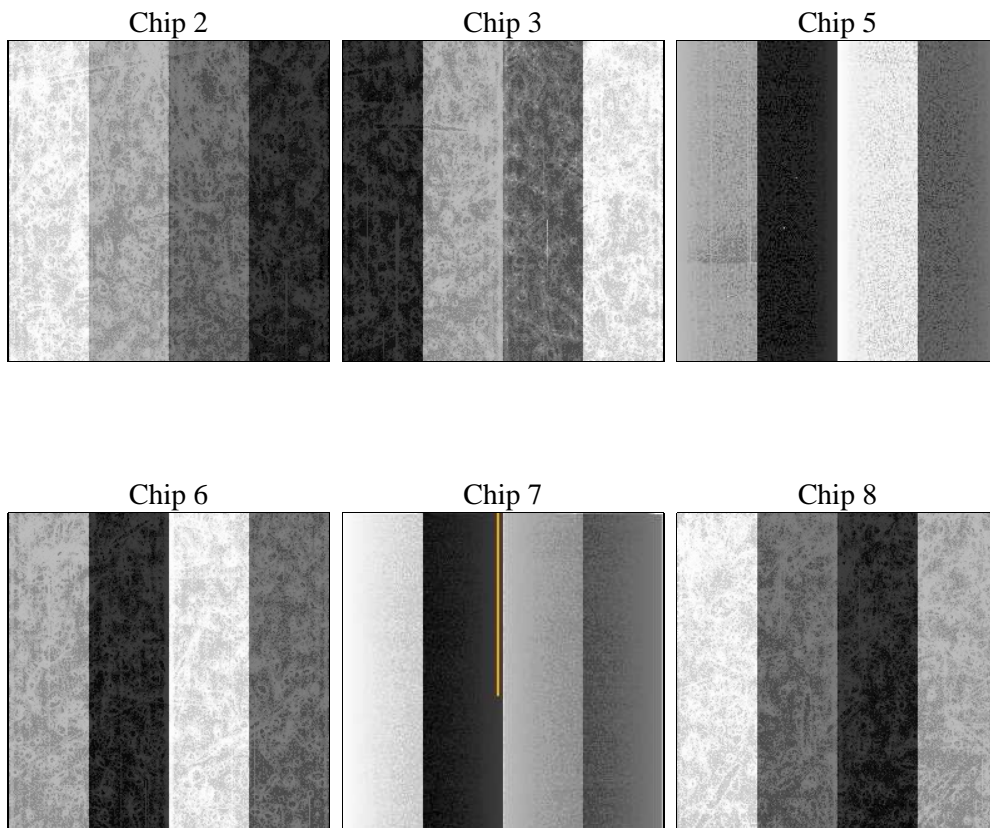
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	1954.2393622398	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	1954.2804022431	Sum of GTIs [s]
date	2012-04-10T23:46:38	Date and time of file creation	ontime3	1954.1162422299	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	1954.1983222365	Sum of GTIs [s]
			ontime6	1954.1572822332	Sum of GTIs [s]
			ontime7	1954.2393622398	Sum of GTIs [s]
			ontime8	1954.0752022266	Sum of GTIs [s]
			l1events	126684	Number of level 1 events

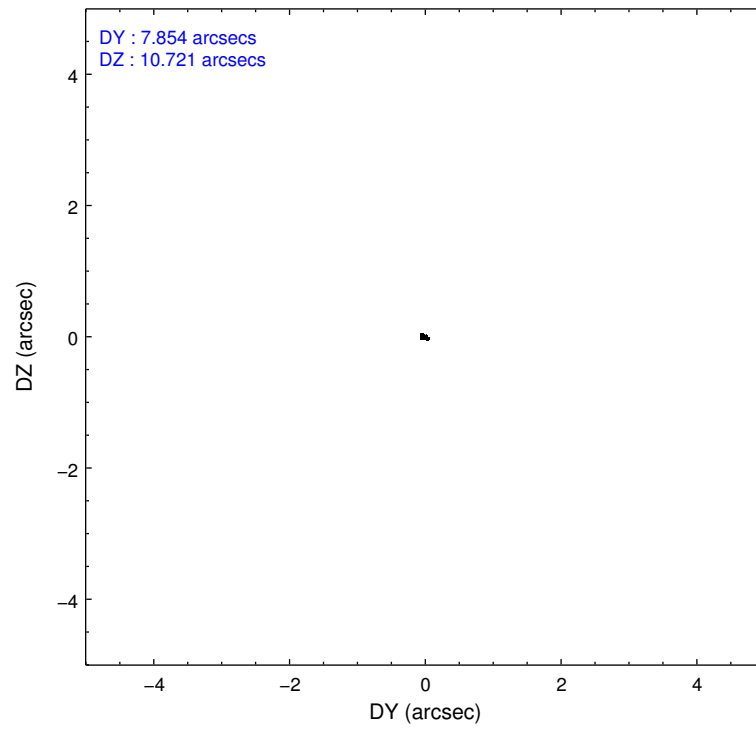
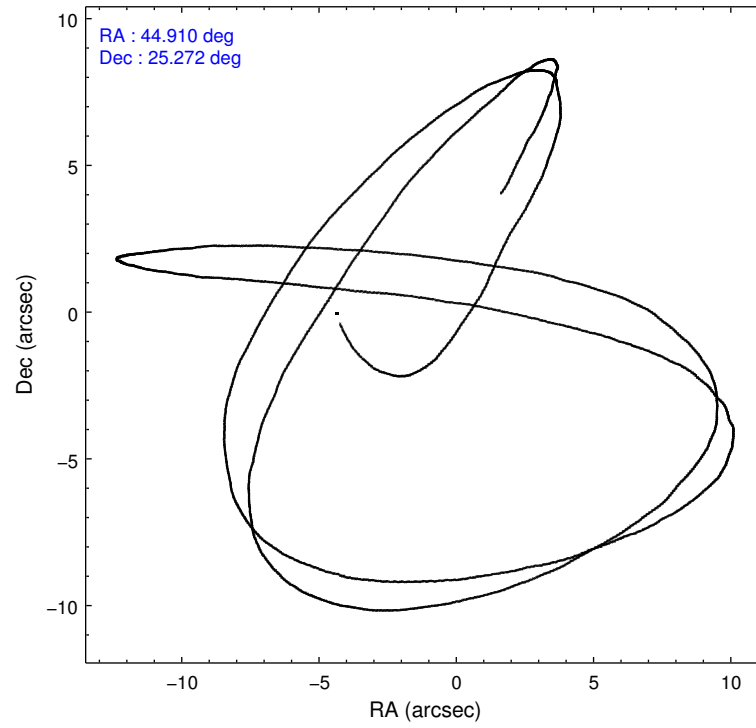
2.1.4 Events

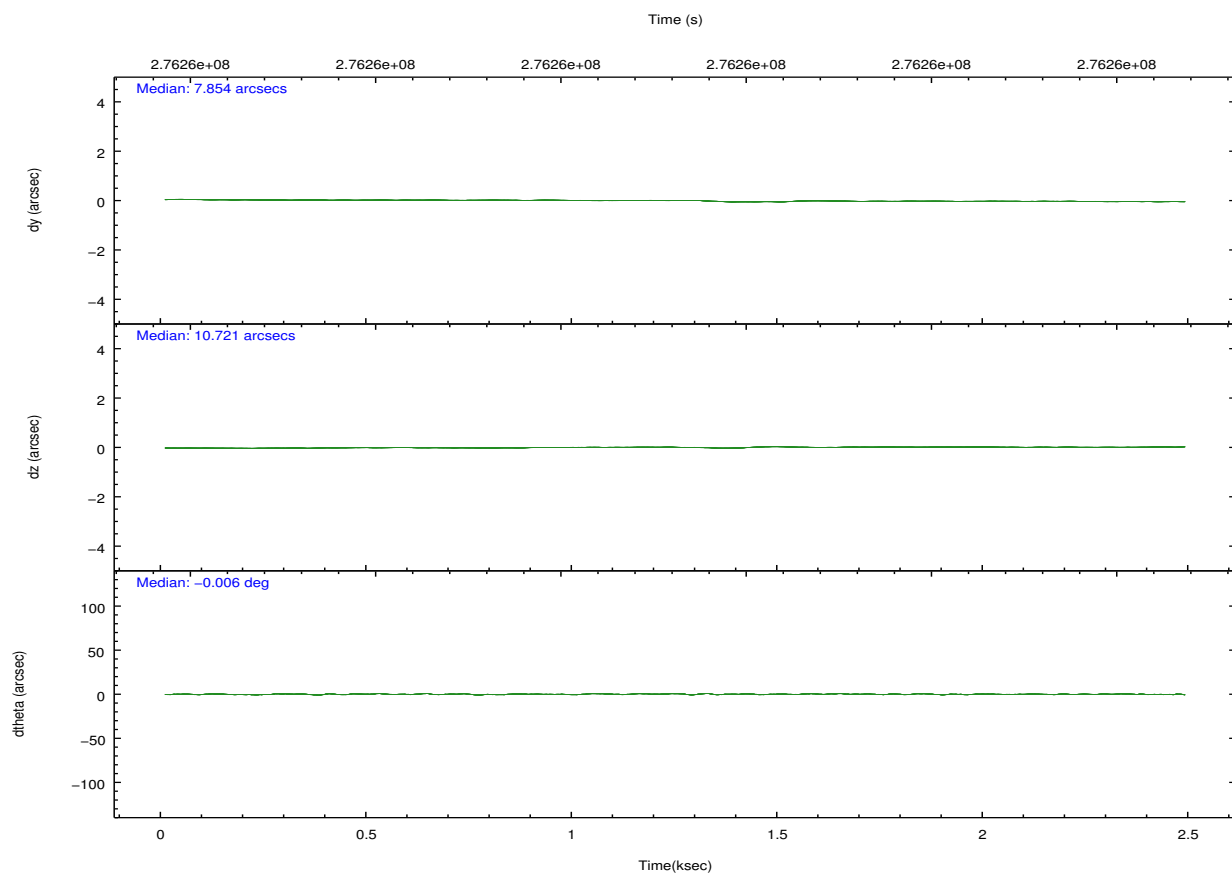
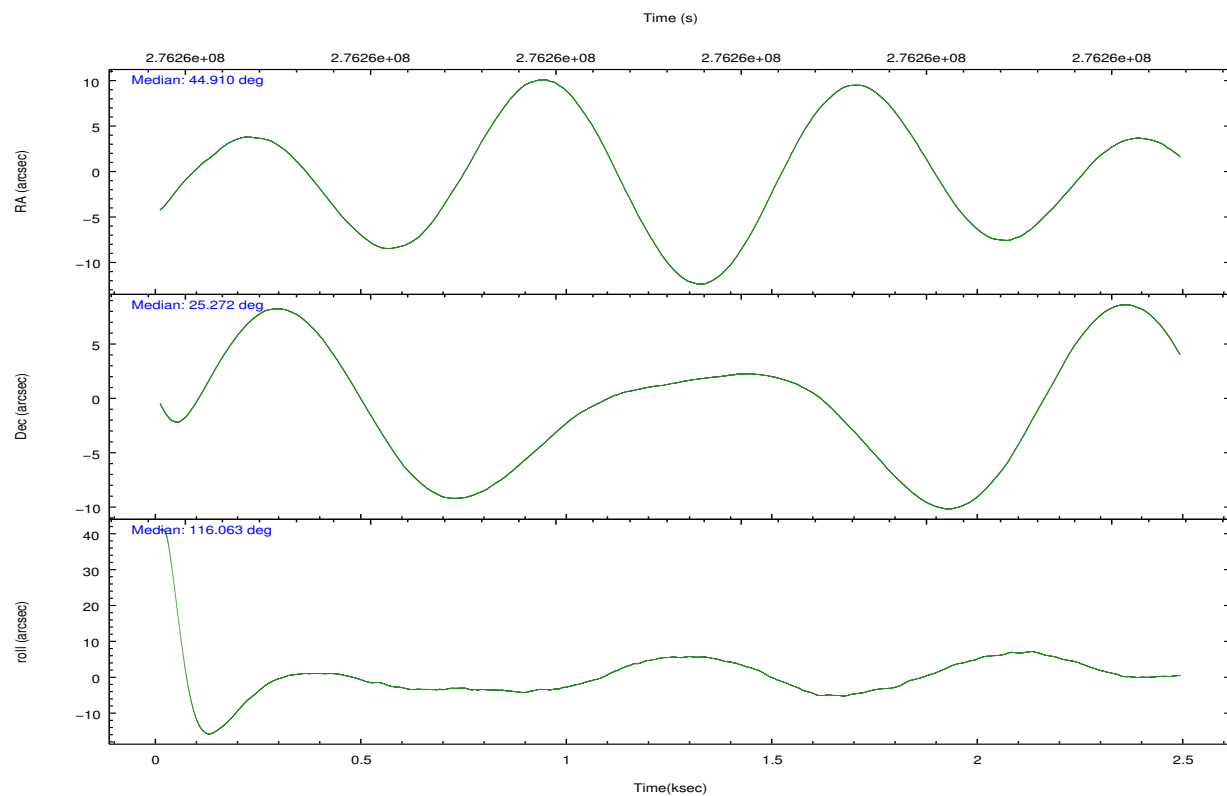
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	18052	17112	26565	18482	23518	22955	grade 0 events	980	895	1541	889	809	1570
rejected events	15907	15043	14138	16243	13721	18205		5%	5%	5%	4%	3%	6%
rejected %	88%	87%	53%	87%	58%	79%	grade 1 events	12	12	160	9	21	20
								0%	0%	0%	0%	0%	0%
							grade 2 events	420	384	3642	501	1976	1084
								2%	2%	13%	2%	8%	4%
							grade 3 events	223	209	383	224	739	467
								1%	1%	1%	1%	3%	2%
							grade 4 events	184	212	353	199	830	434
								1%	1%	1%	1%	3%	1%
							grade 5 events	669	802	1664	787	2174	1085
								3%	4%	6%	4%	9%	4%
							grade 6 events	340	376	6525	433	5459	1200
								1%	2%	24%	2%	23%	5%
							grade 7 events	15224	14222	12297	15440	11510	17095
								84%	83%	46%	83%	48%	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	44.934651	44.90941889022503	Subarray requested	NONE	NONE
[deg] Pointing Dec	25.256633	25.27182754613545	Alternating exposures requested	N	N
[deg] Pointing Roll	115.908220	116.0759375127759	[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)	276263053.184000	276261941.46474			
Observation start date	2006-10-03T11:43:08	2006-10-03T11:25:41			
[s] Observation end time (MET)	276265053.184000	276265443.88991			
Observation end date	2006-10-03T12:16:28	2006-10-03T12:24:03			
Read mode	TIMED	TIMED			

2.3 Aspect



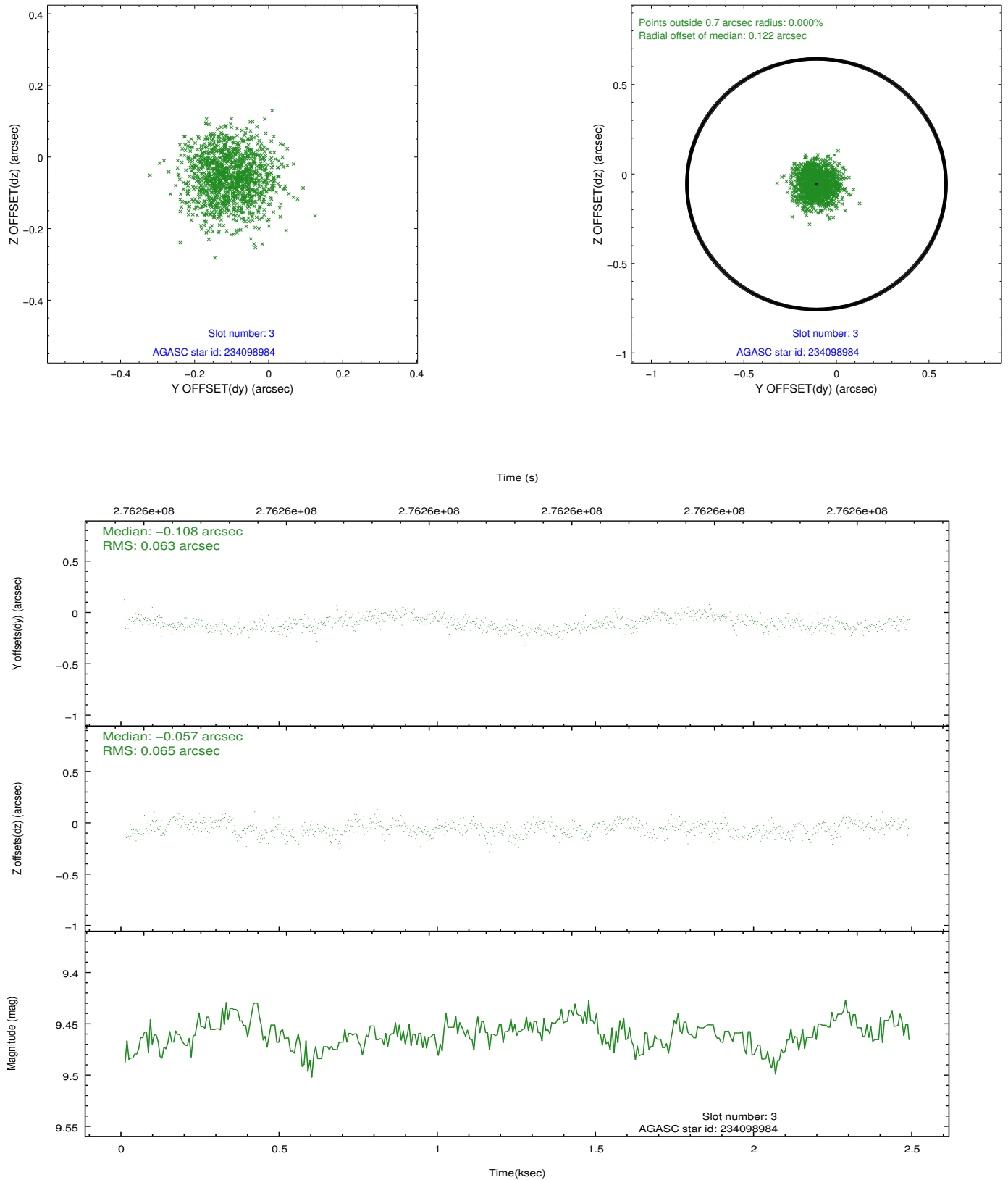


Slot Statistics

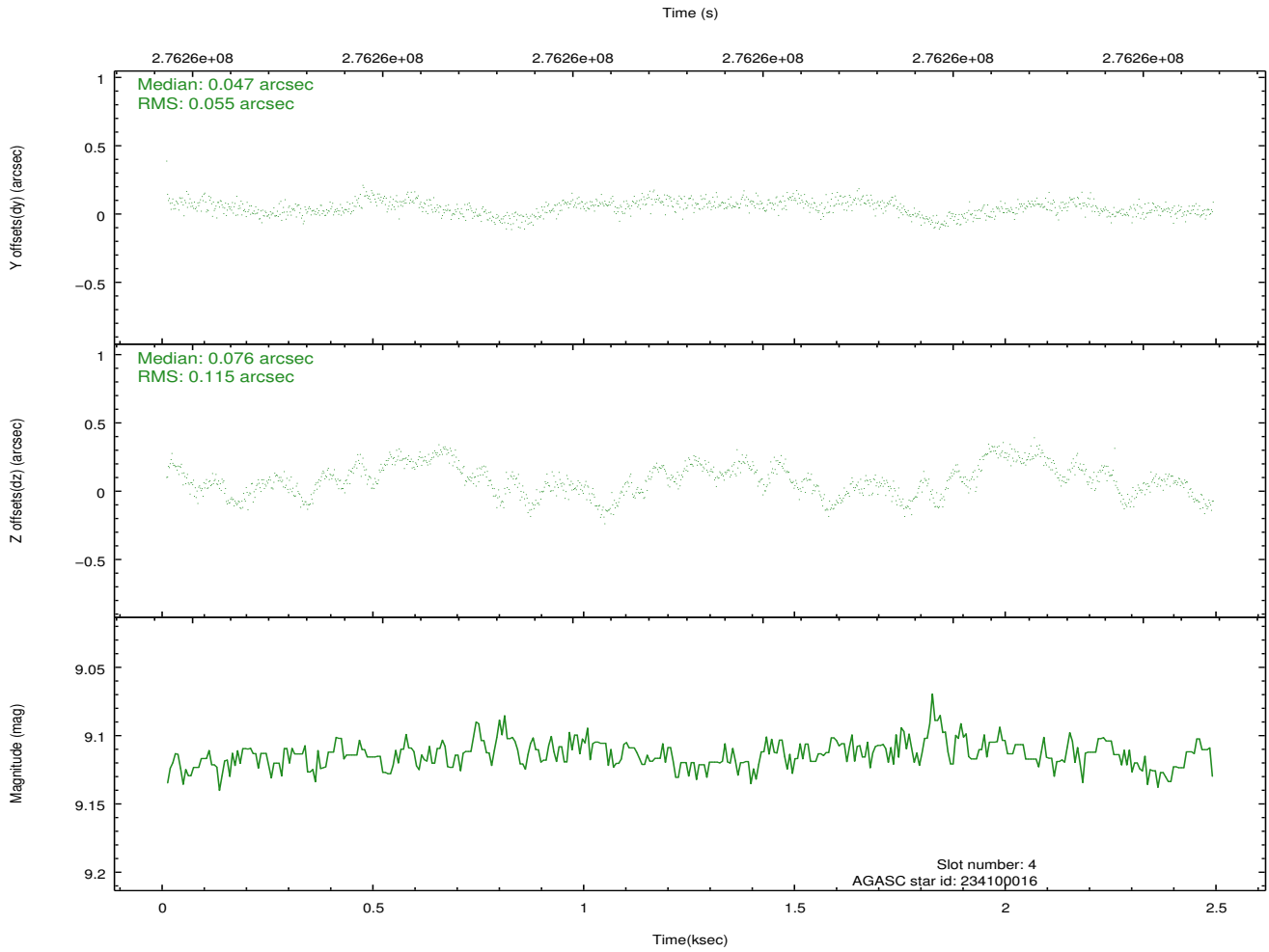
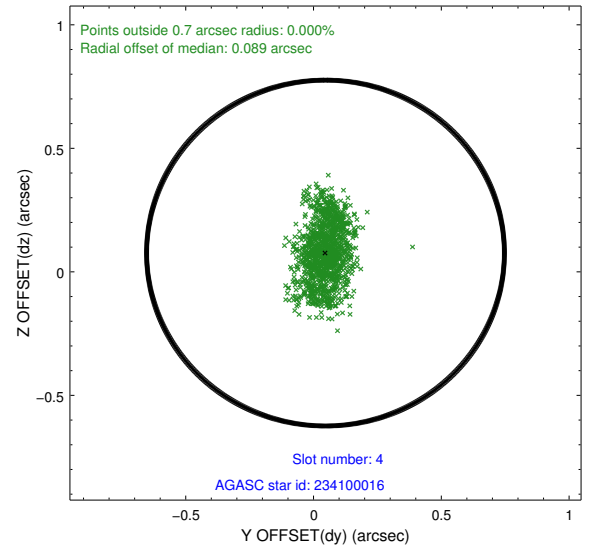
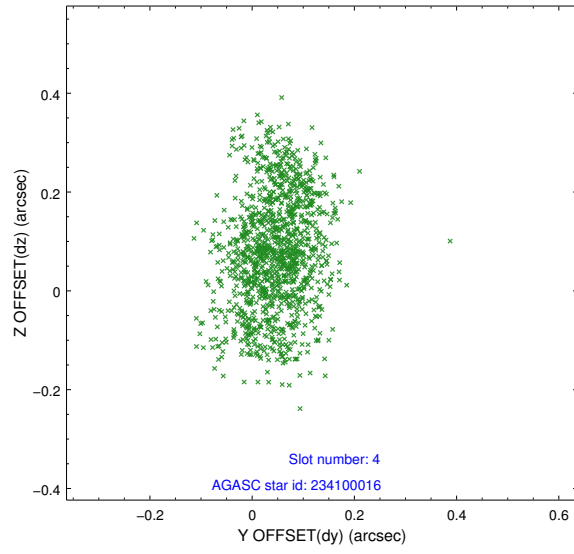
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	606	-0.048	-0.027	0.006	0.010	0.000000	0.000000	-760.62	-1732.03
1	FID	ACIS-S-4	7.22	606	0.138	0.031	0.006	0.010	0.000000	0.000000	2151.61	173.89
2	FID	ACIS-S-5	7.24	606	-0.121	0.006	0.007	0.011	0.000000	0.000000	-1810.24	170.40
3	GUIDE	234098984	9.46	1211	-0.108	-0.057	0.098	0.155	45.386058	25.208737	-795.83	-1247.71
4	GUIDE	234100016	9.11	1212	0.047	0.076	0.141	0.220	45.414537	25.168516	-967.39	-1269.74
5	GUIDE	234101856	8.19	1212	0.014	0.004	0.085	0.134	45.366845	25.126492	-1036.18	-1063.65
6	GUIDE	234103840	8.67	1211	0.059	0.083	0.067	0.106	45.045674	25.245780	-194.41	-308.11
7	GUIDE	234104392	9.25	1210	-0.015	-0.102	0.086	0.134	44.668382	24.944076	-632.79	1273.57

2.4 Star Slots

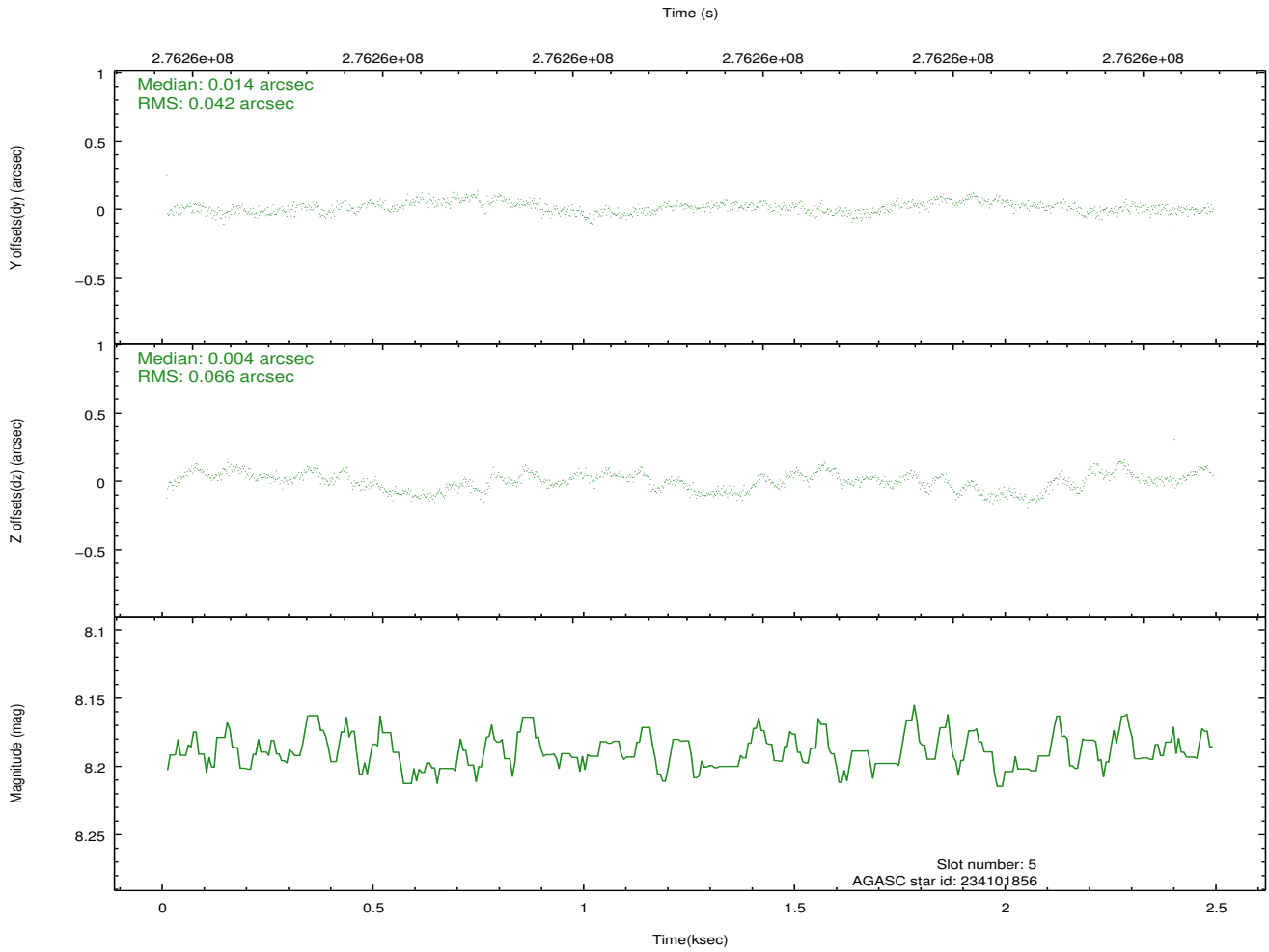
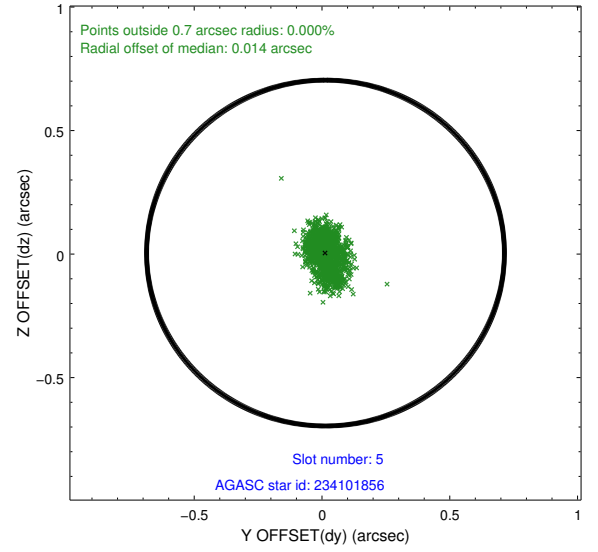
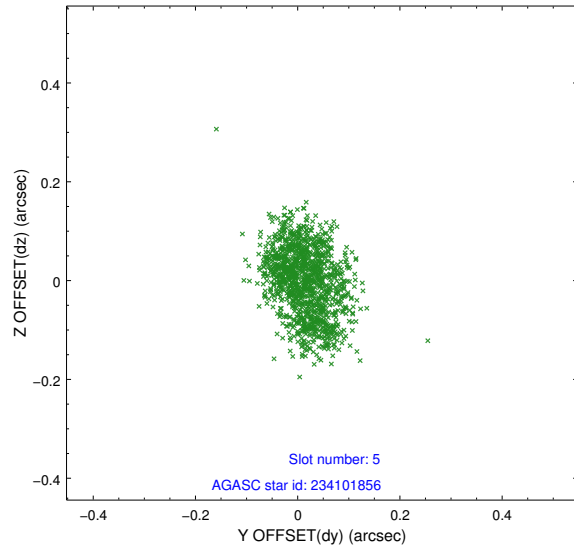
2.4.1 Slot 3



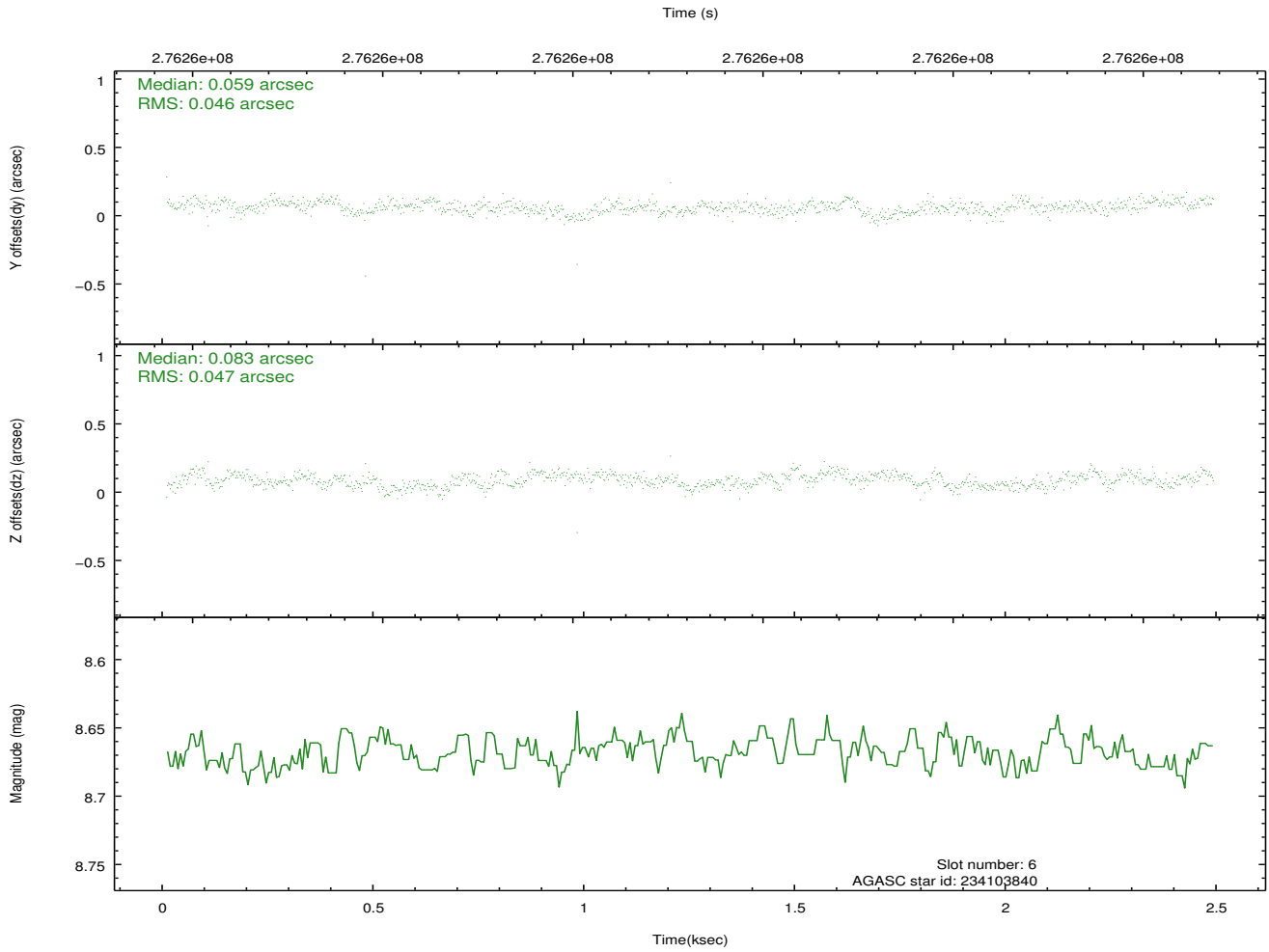
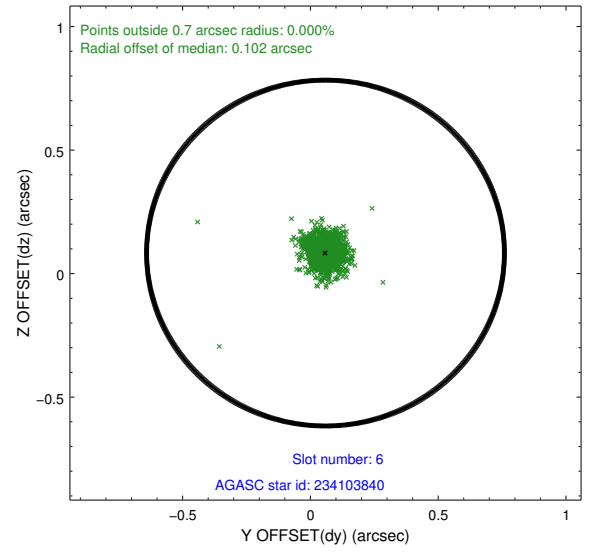
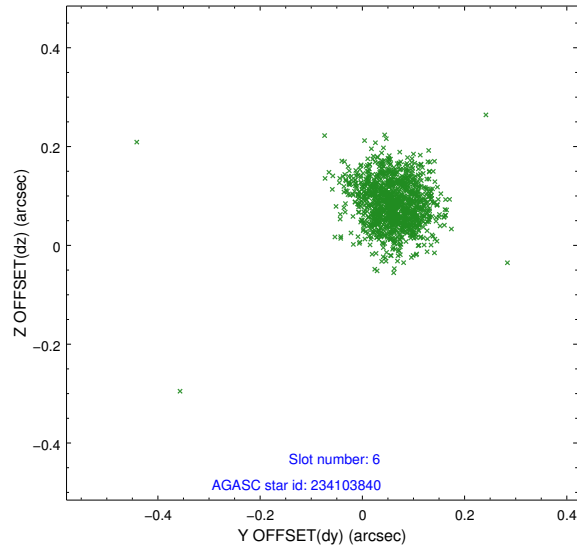
2.4.2 Slot 4



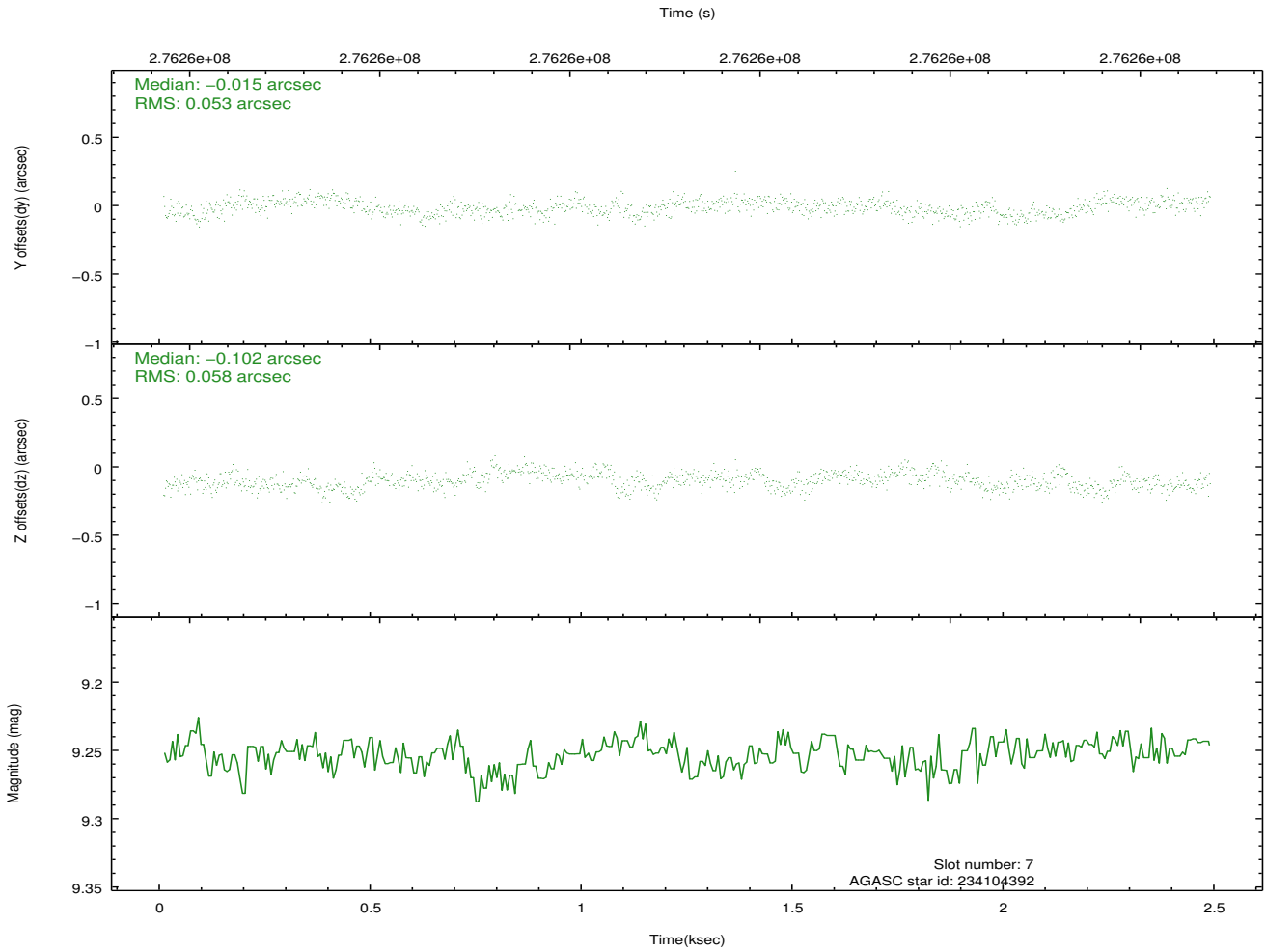
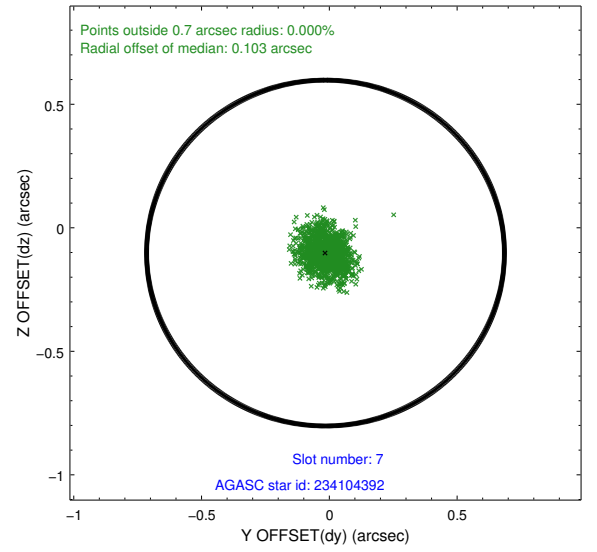
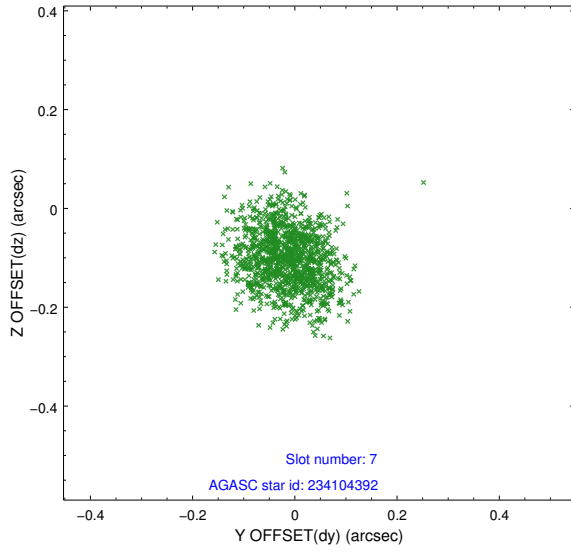
2.4.3 Slot 5



2.4.4 Slot 6

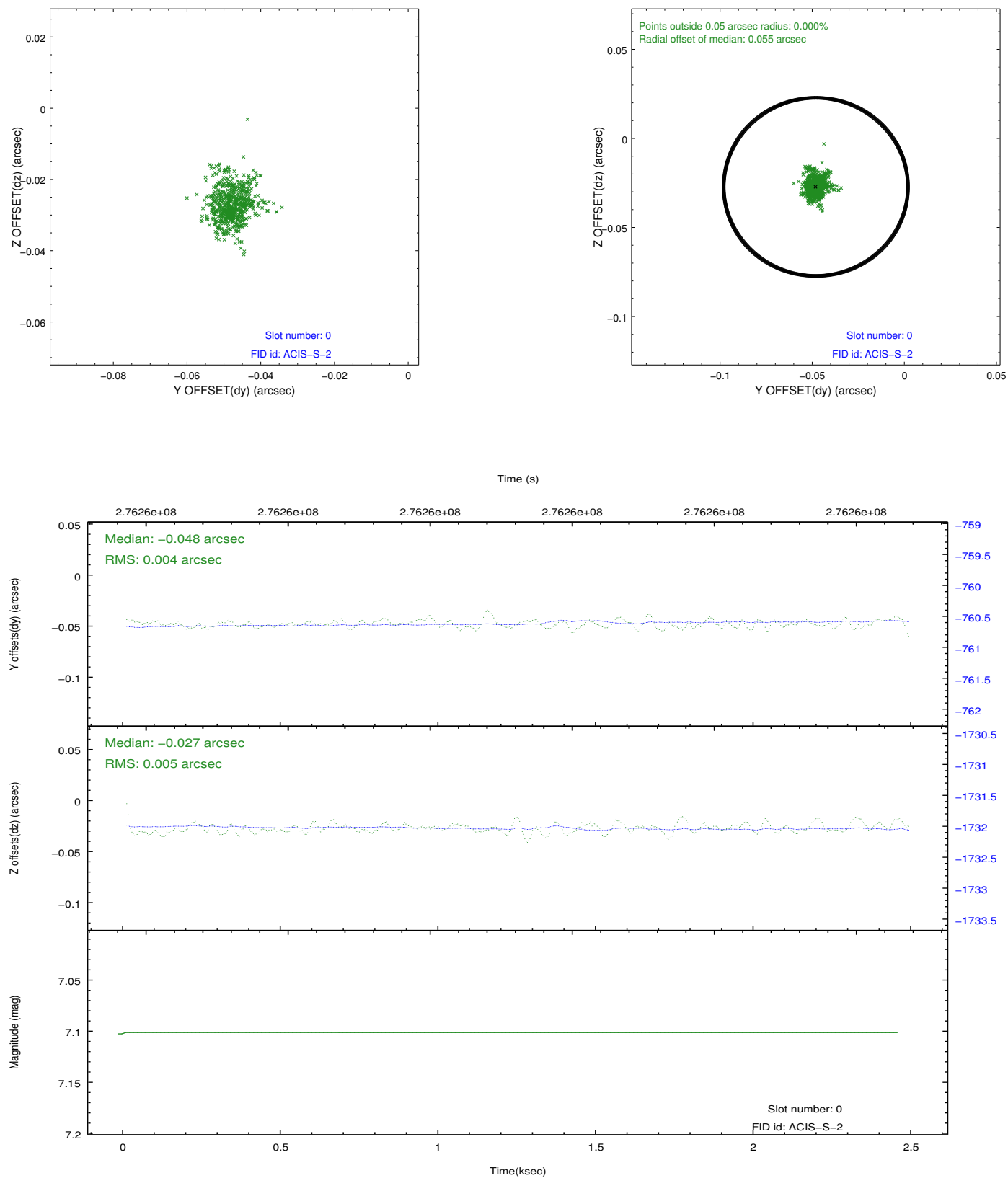


2.4.5 Slot 7

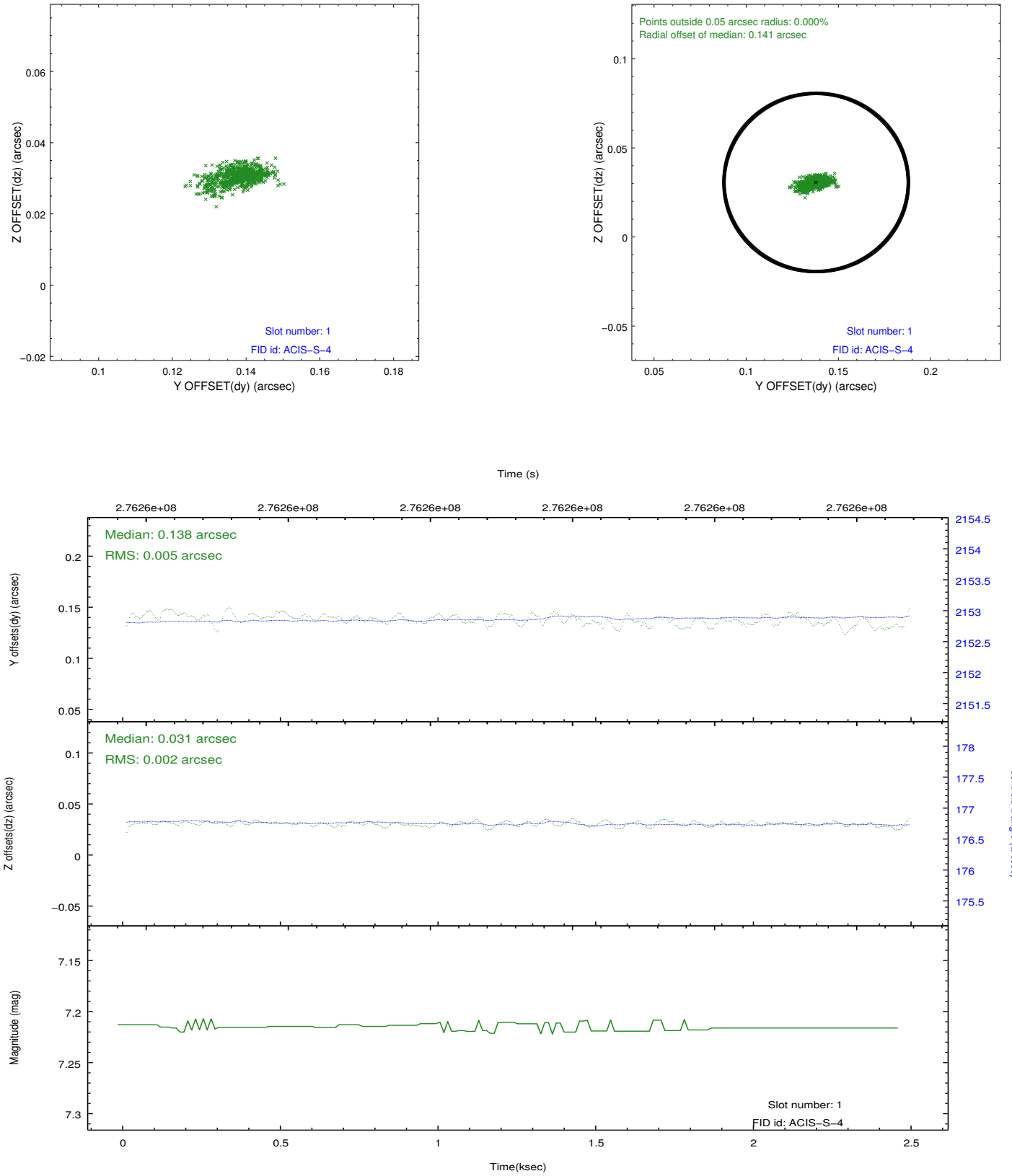


2.5 FID Slots

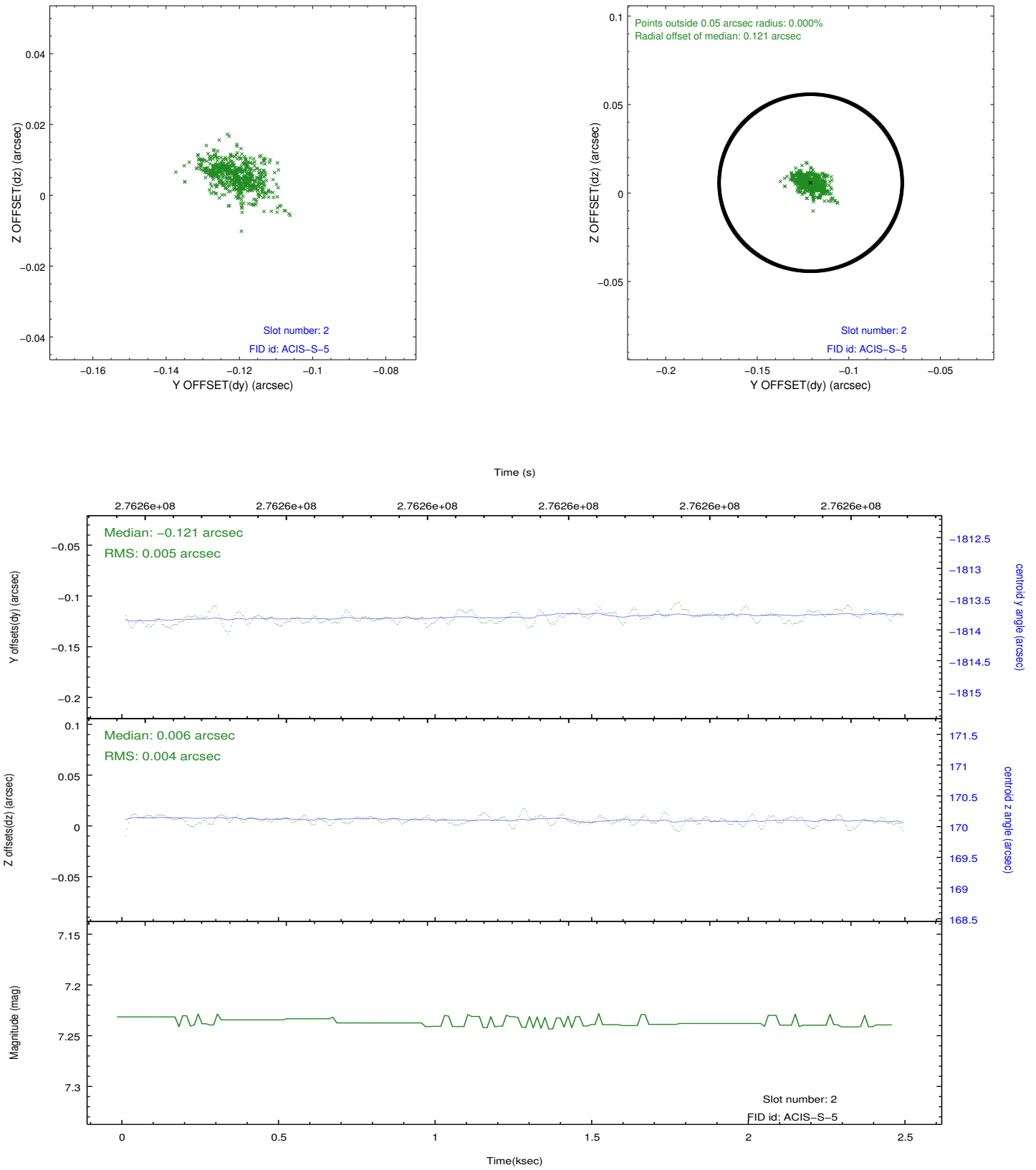
2.5.1 Slot 0



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)	2012.04.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.95519999

A.2 Comments