

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 7112 - L2 Version 2
Chandra X-Ray Center

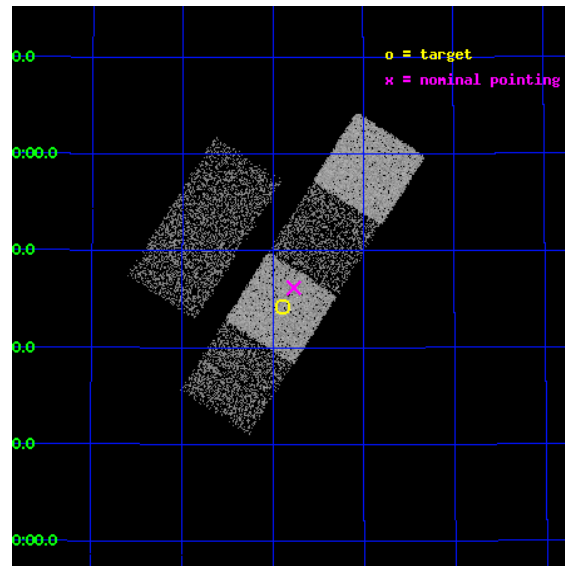
L2 Processing Date : Mar 20 2012

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1 Front

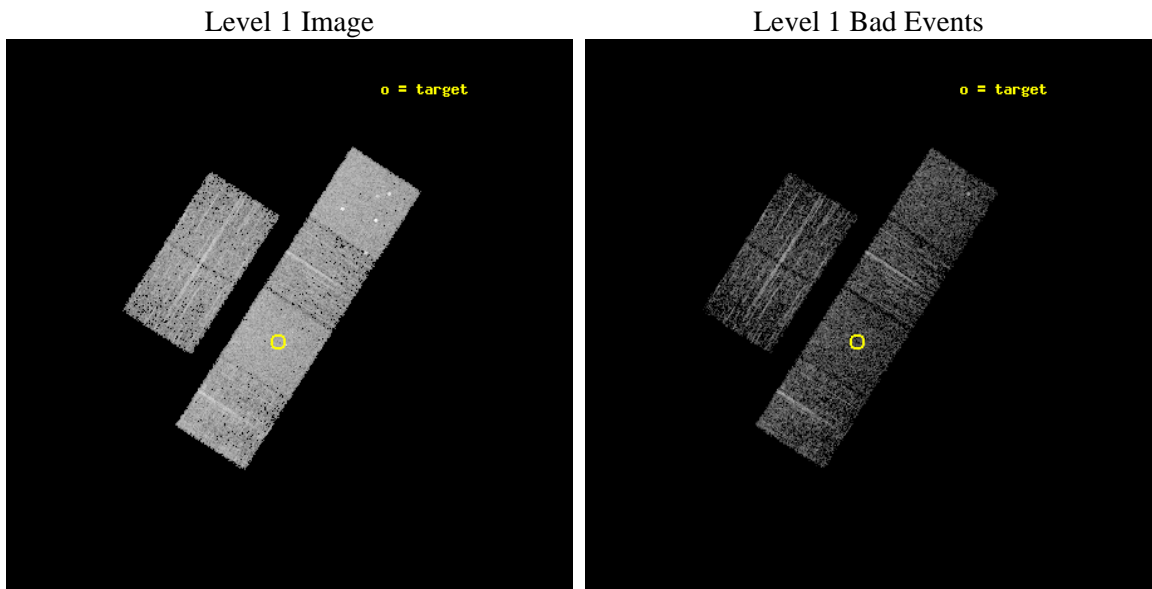
seq_num	600550	Sequence number
obs_id	7112	Observation id
title	A Complete Sample of ULX Host Galaxies	Proposal title
observer	Dr. Douglas Swartz	Principal investigator
object	NGC 2500	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	120.471667	Observer's specified target RA [deg]
dec_targ	50.737194	Observer's specified target Dec [deg]
ra_nom	120.44209939749	Nominal RA [deg]
dec_nom	50.76984305883	Nominal Dec [deg]
roll_nom	122.65632878527	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2601.5999903083	Sum of GTIs [s]
livetime	2568.6569647356	Livetime [s]
ontime2	2601.5999903083	Sum of GTIs [s]
ontime3	2601.5999903083	Sum of GTIs [s]
ontime5	2601.5999903083	Sum of GTIs [s]
ontime6	2601.5999903083	Sum of GTIs [s]
ontime7	2601.5999903083	Sum of GTIs [s]
ontime8	2601.5999903083	Sum of GTIs [s]
l2events	34204	Number of level 2 events



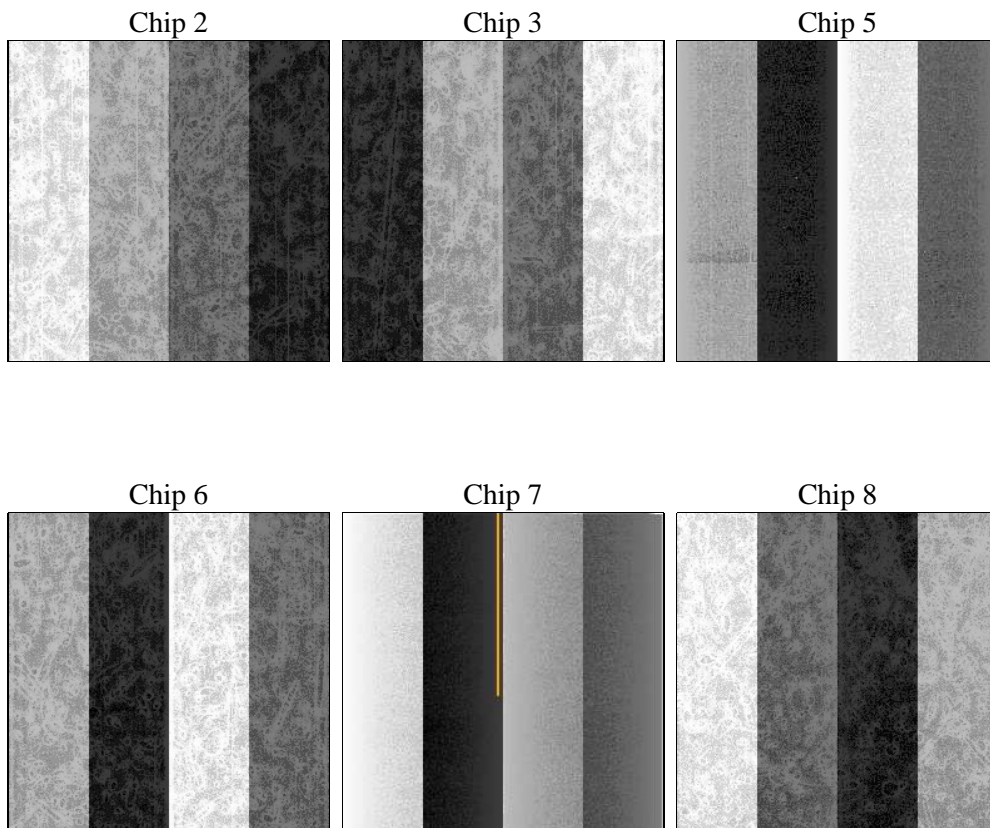
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2450.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	2601.5999903083	Sum of GTIs [s]
caldsver	4.4.8	 	ontime2	2601.5999903083	Sum of GTIs [s]
date	2012-03-20T02:36:11	Date and time of file creation	ontime3	2601.5999903083	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	2601.5999903083	Sum of GTIs [s]
			ontime6	2601.5999903083	Sum of GTIs [s]
			ontime7	2601.5999903083	Sum of GTIs [s]
			ontime8	2601.5999903083	Sum of GTIs [s]
			l1events	185064	Number of level 1 events

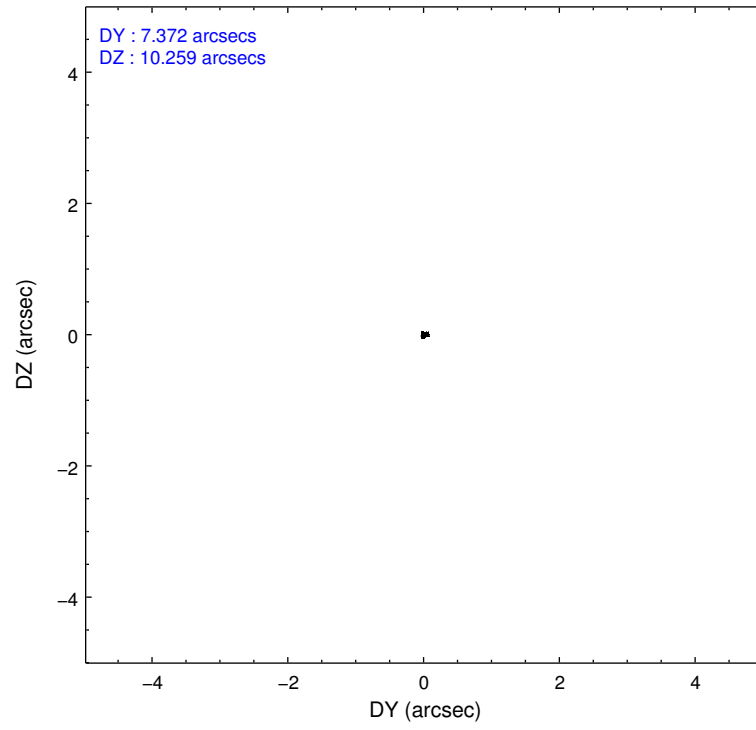
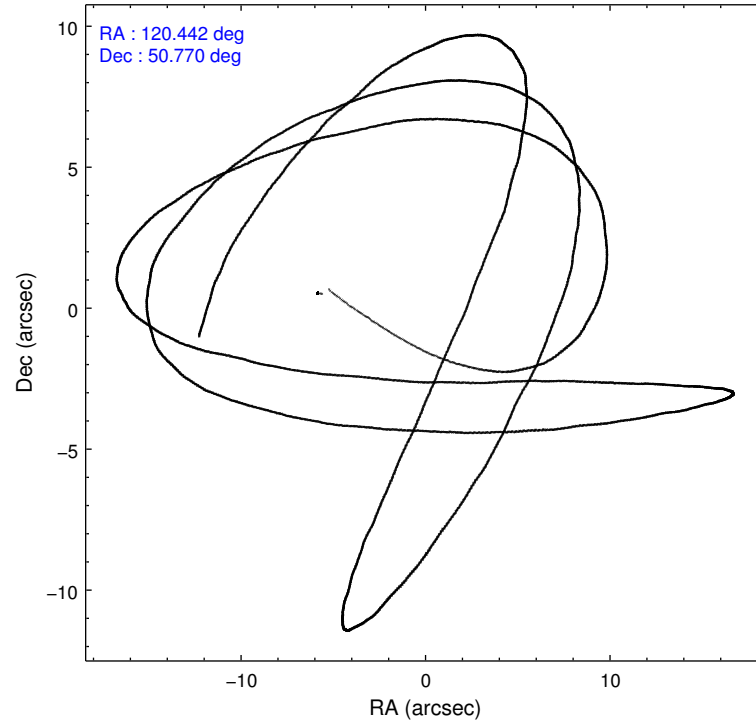
2.1.4 Events

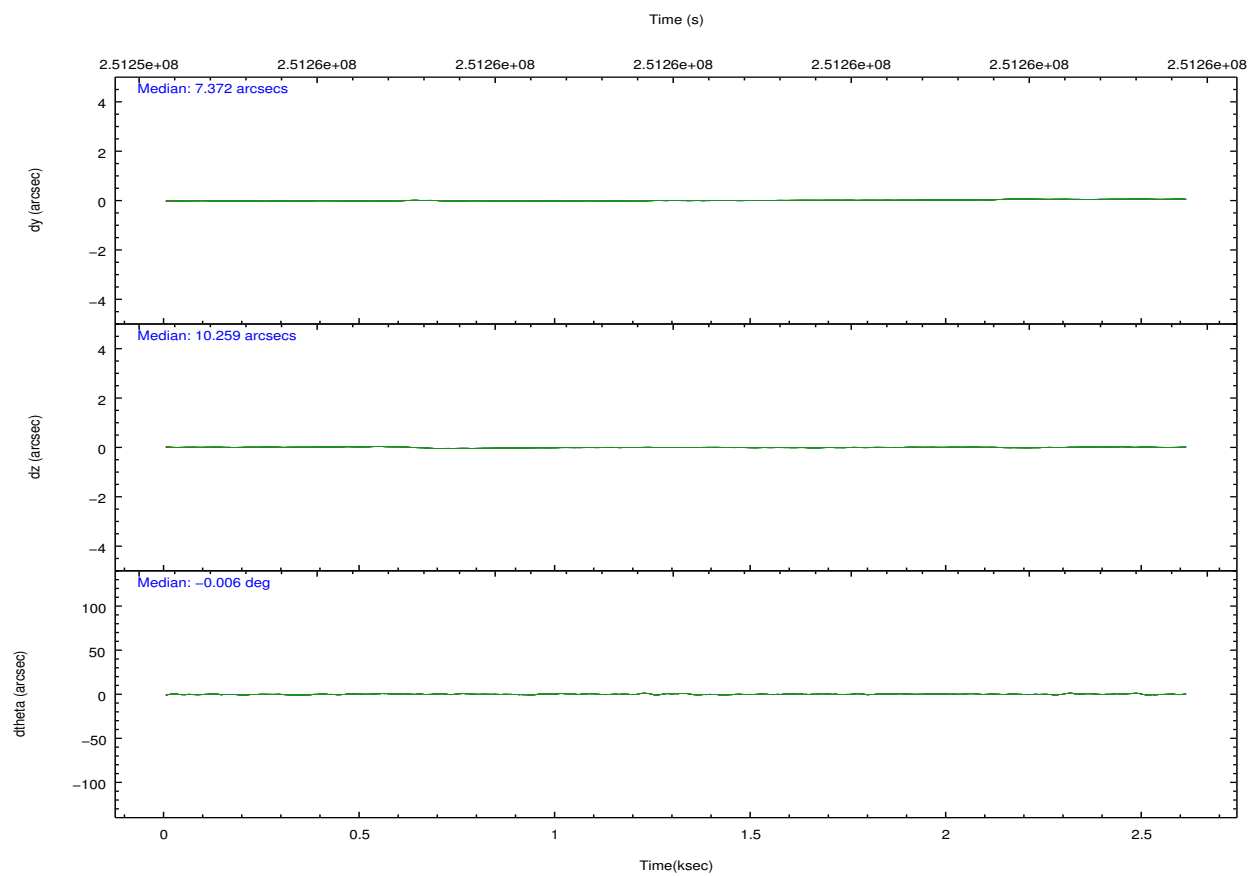
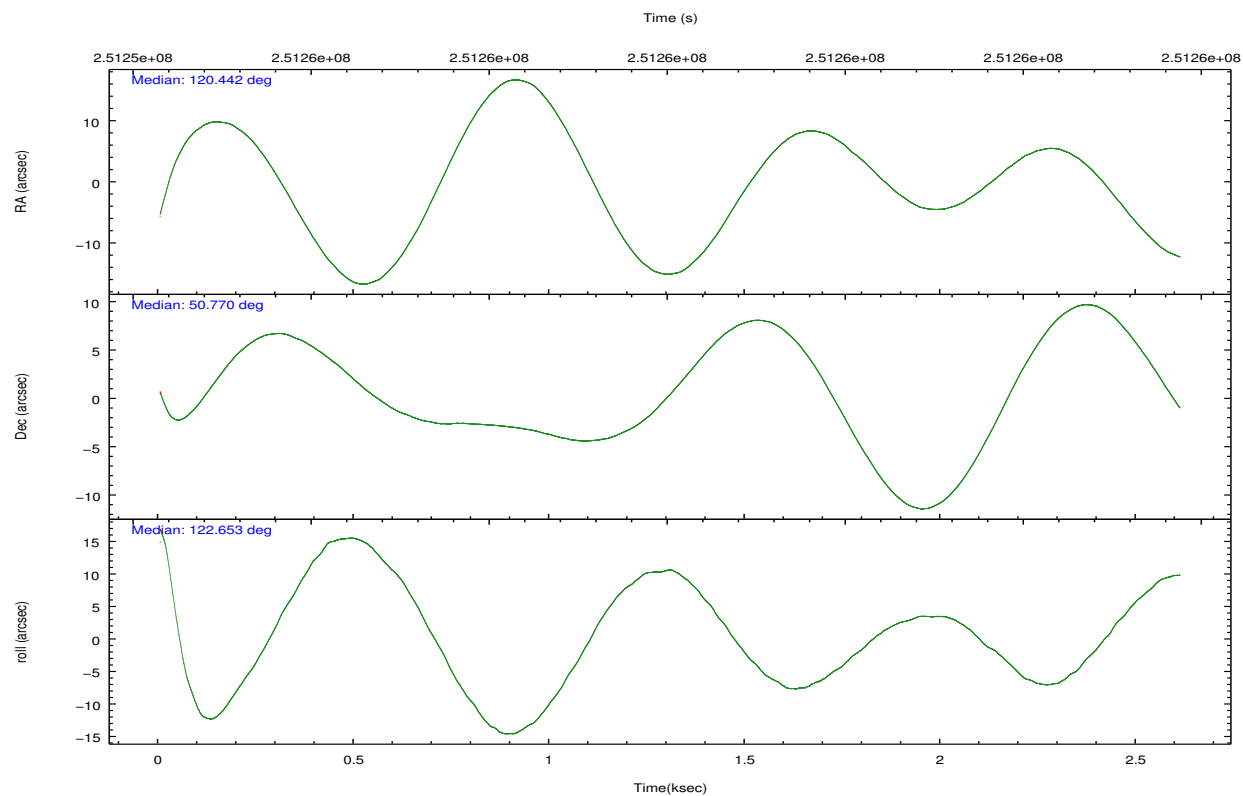
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	25841	25355	40506	25968	35429	31965	grade 0 events	1289	1328	2954	1151	1352	2166
rejected events	23433	22840	24852	23607	23239	26024		4%	5%	7%	4%	3%	6%
rejected %	90%	90%	61%	90%	65%	81%	grade 1 events	19	9	67	14	39	25
								0%	0%	0%	0%	0%	0%
							grade 2 events	622	581	5404	640	2984	1644
								2%	2%	13%	2%	8%	5%
							grade 3 events	286	321	669	269	1328	715
								1%	1%	1%	1%	3%	2%
							grade 4 events	251	297	622	266	1277	698
								0%	1%	1%	1%	3%	2%
							grade 5 events	920	1146	2897	1230	3336	1622
								3%	4%	7%	4%	9%	5%
							grade 6 events	500	497	9418	593	7946	1875
								1%	1%	23%	2%	22%	5%
							grade 7 events	21954	21176	18475	21805	17167	23220
								84%	83%	45%	83%	48%	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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	120.480671	120.442099397495	Subarray requested	NONE	NONE
[deg] Pointing Dec	50.757419	50.76984305882998	Alternating exposures requested	N	N
[deg] Pointing Roll	122.469723	122.6563287852707	[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)	251254870.184000	251253472.16005			
Observation start date	2005-12-18T01:00:06	2005-12-18T00:37:52			
[s] Observation end time (MET)	251257320.184000	251258755.0103			
Observation end date	2005-12-18T01:40:56	2005-12-18T02:05:55			
Read mode	TIMED	TIMED			

2.3 Aspect



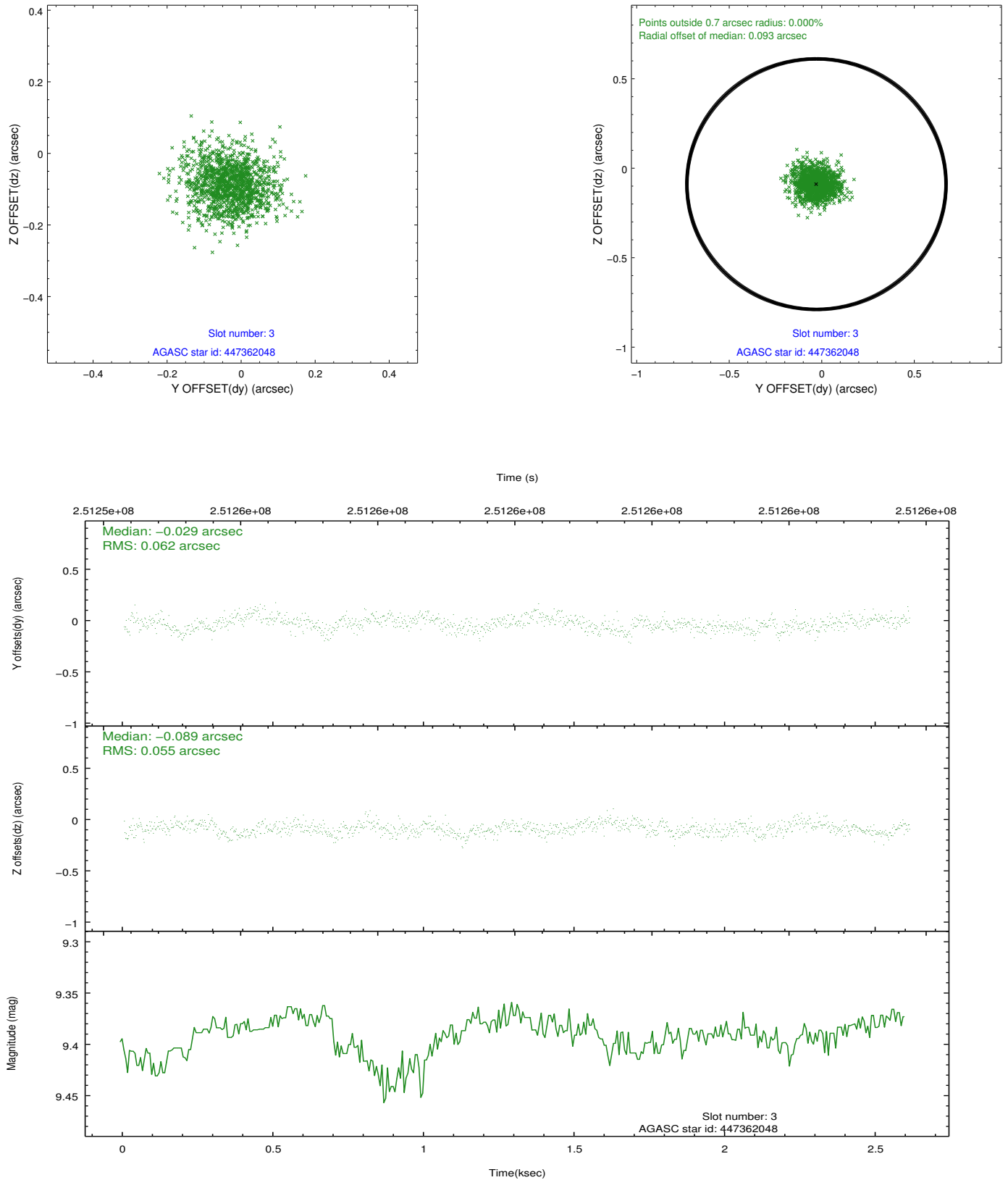


Slot Statistics

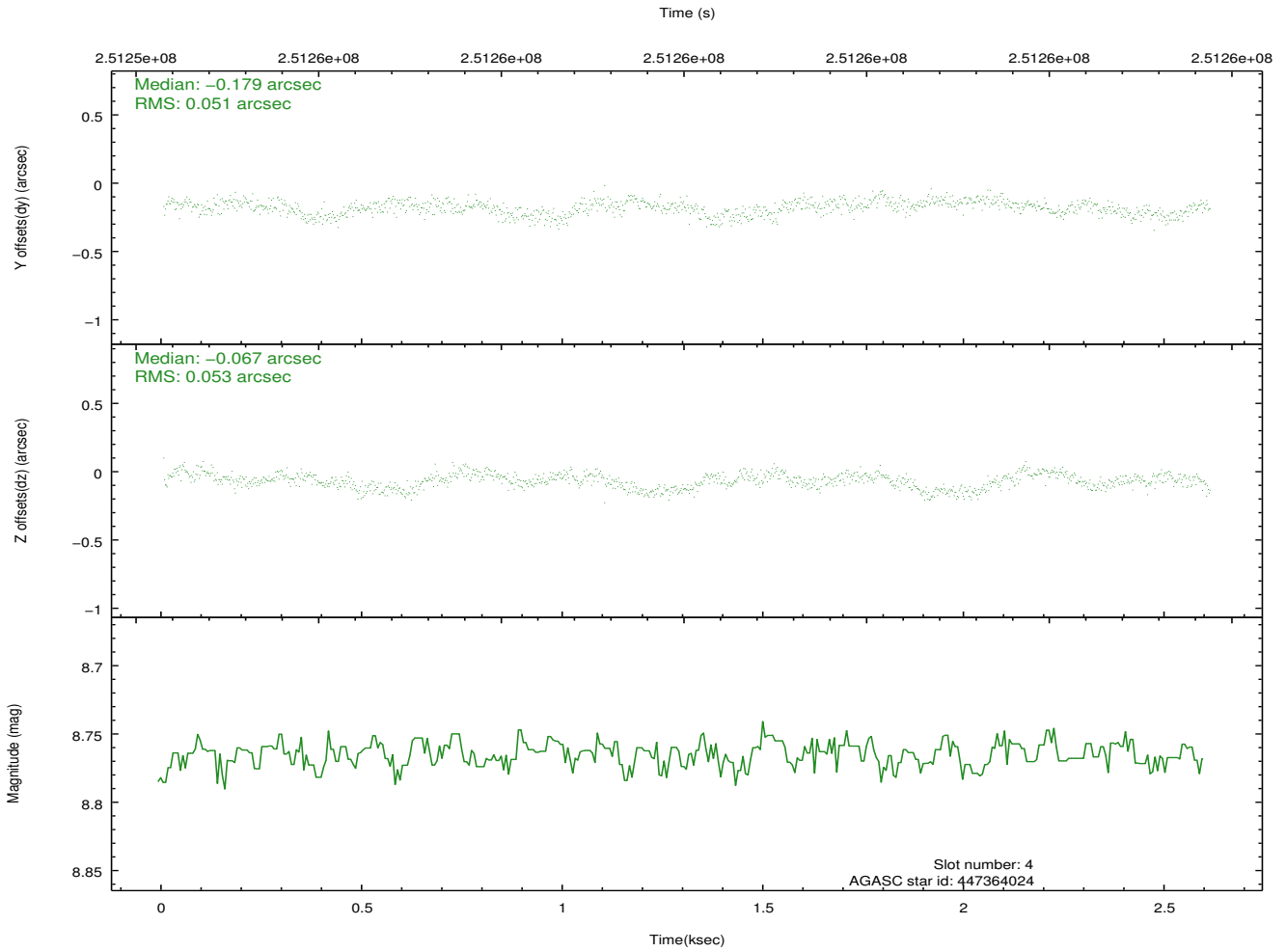
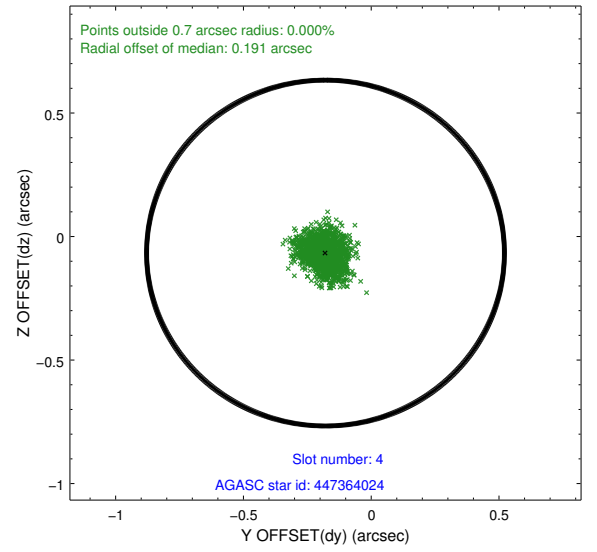
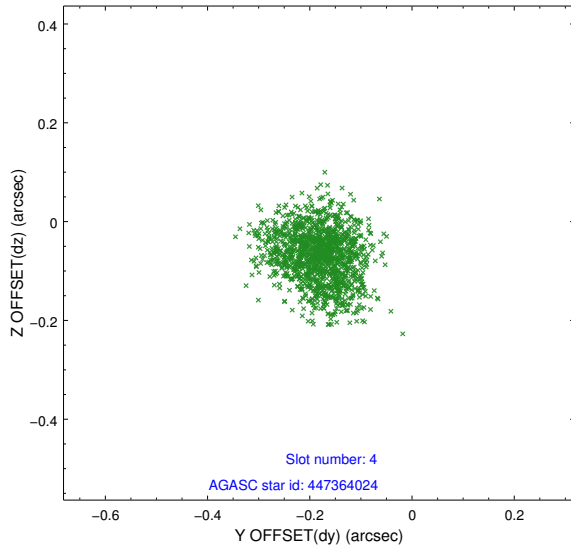
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	637	-0.047	-0.015	0.007	0.012	0.000000	0.000000	-760.14	-1731.55
1	FID	ACIS-S-4	7.21	637	0.096	0.026	0.007	0.014	0.000000	0.000000	2152.11	174.50
2	FID	ACIS-S-5	7.24	637	-0.080	-0.003	0.007	0.014	0.000000	0.000000	-1809.89	170.85
3	GUIDE	447362048	9.39	1271	-0.029	-0.089	0.088	0.145	119.863178	51.127136	1876.24	459.97
4	GUIDE	447364024	8.76	1273	-0.179	-0.067	0.080	0.128	119.751383	51.039554	1750.75	844.10
5	GUIDE	447487200	8.82	1273	0.116	0.086	0.090	0.142	121.172966	50.935392	-295.46	-1671.56
6	GUIDE	447491152	8.70	1273	0.090	0.062	0.067	0.110	121.175410	50.445406	-1797.04	-745.48
7	GUIDE	447494824	9.18	1269	0.006	0.008	0.093	0.145	120.121283	50.665958	162.13	867.61

2.4 Star Slots

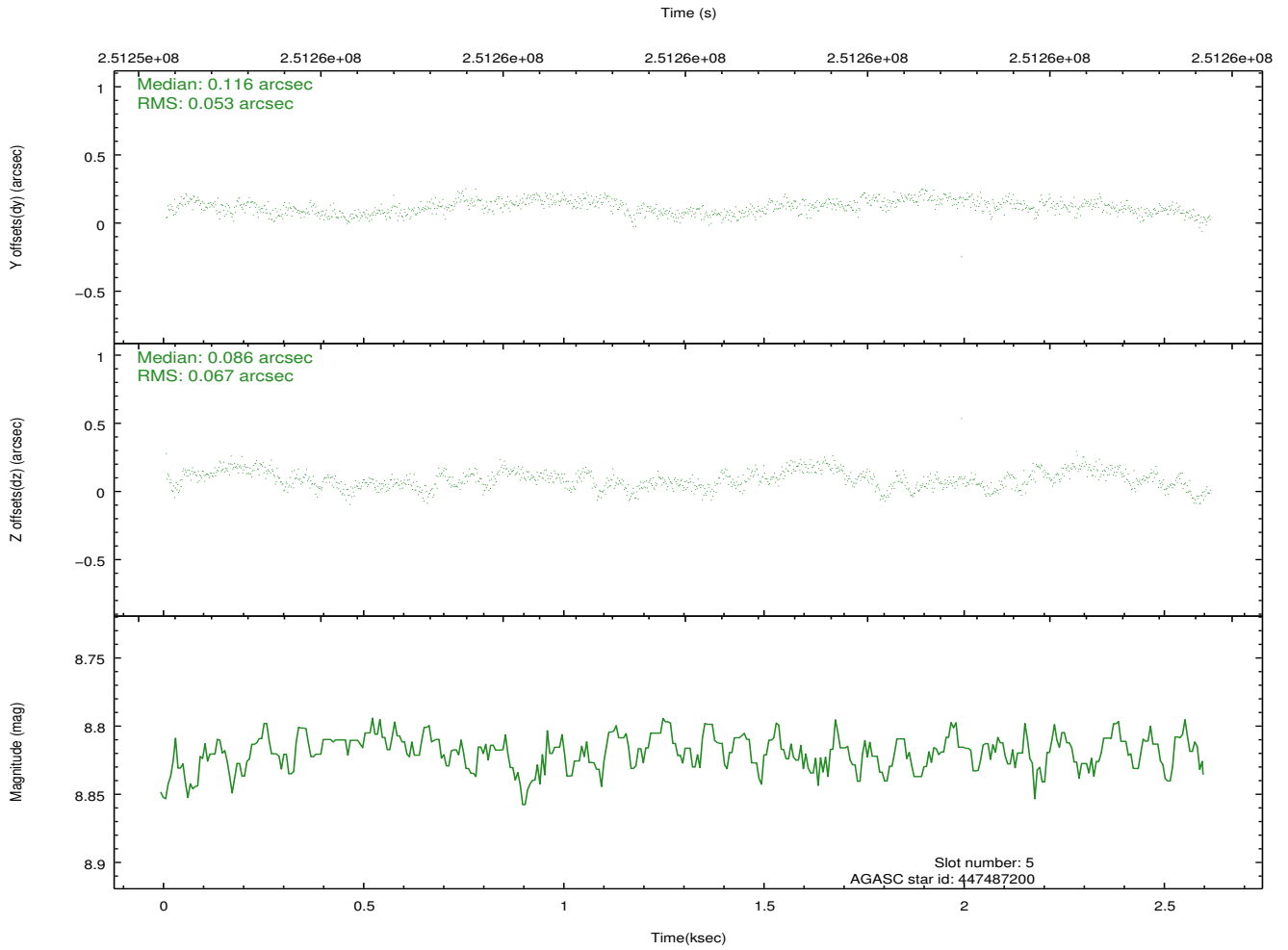
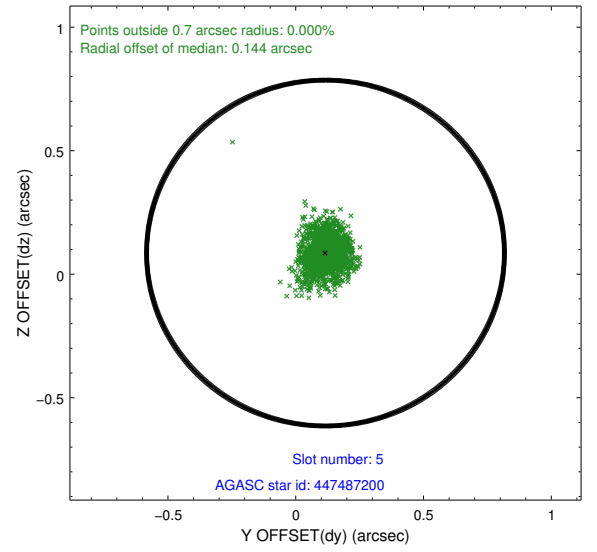
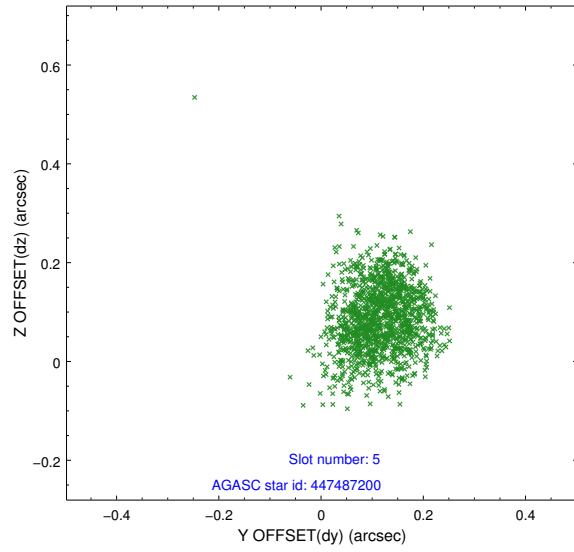
2.4.1 Slot 3



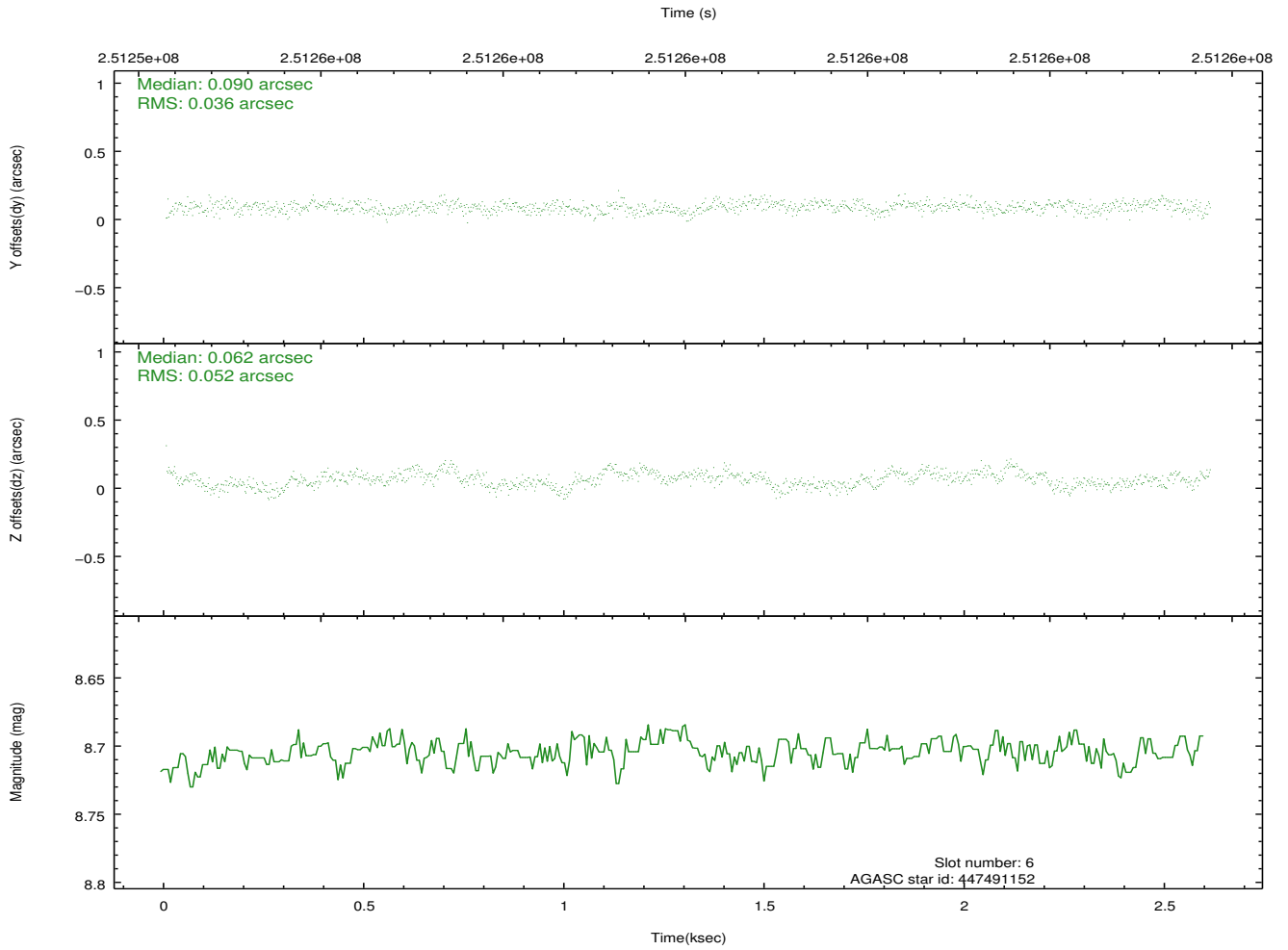
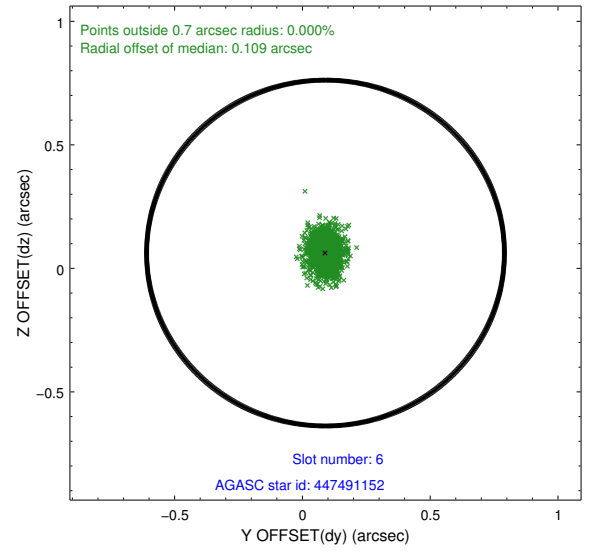
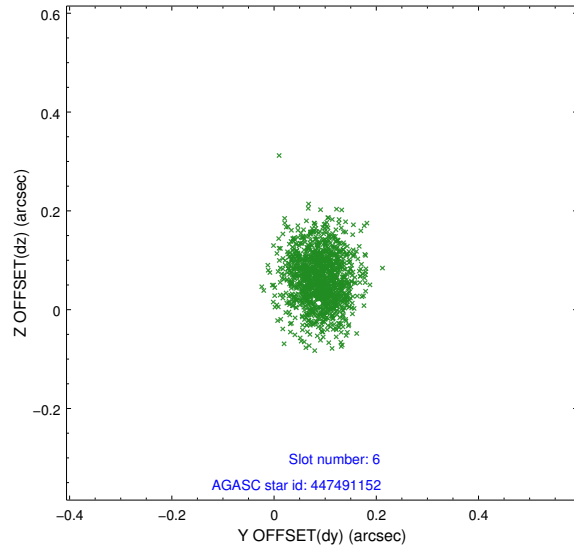
2.4.2 Slot 4



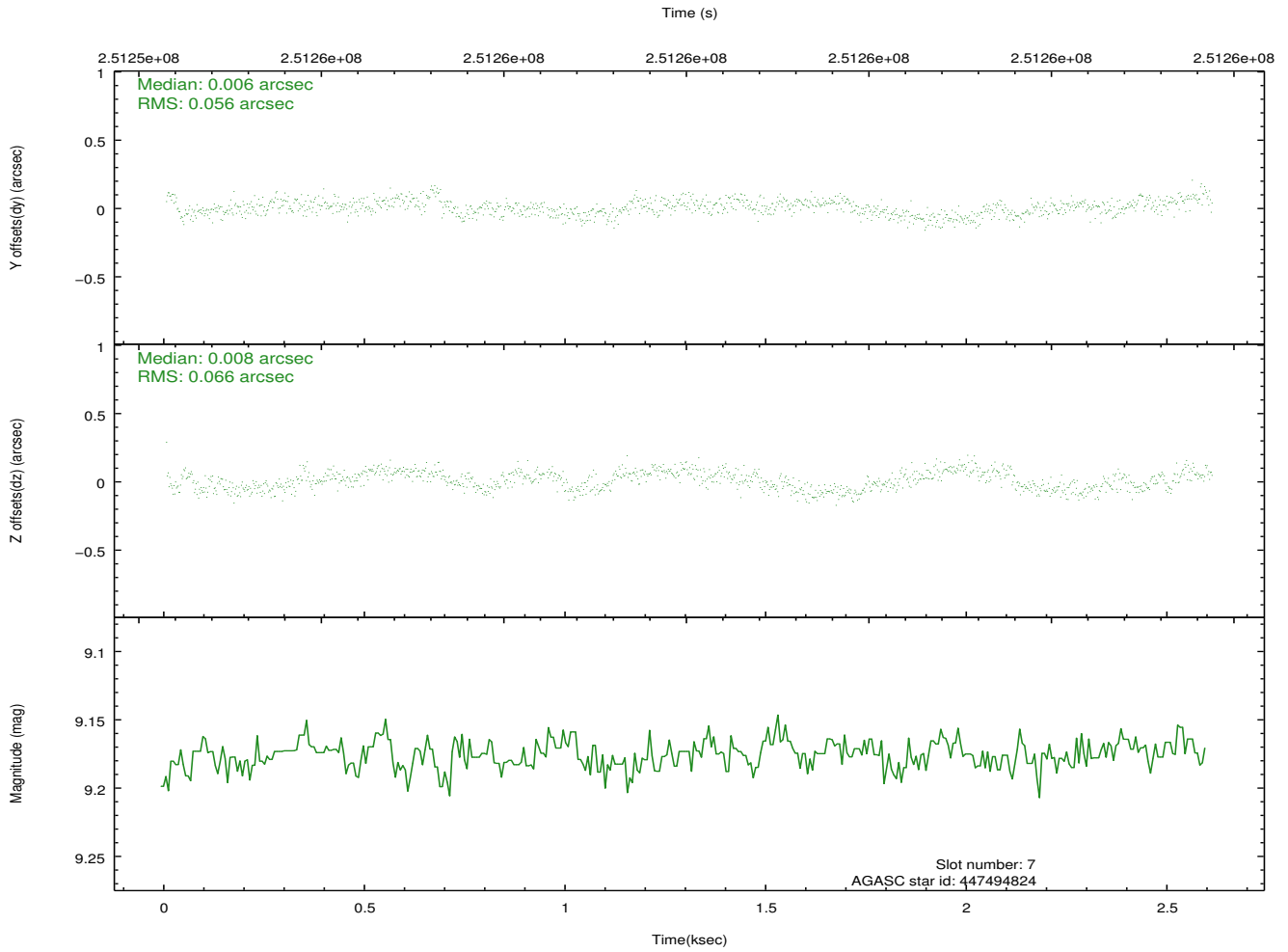
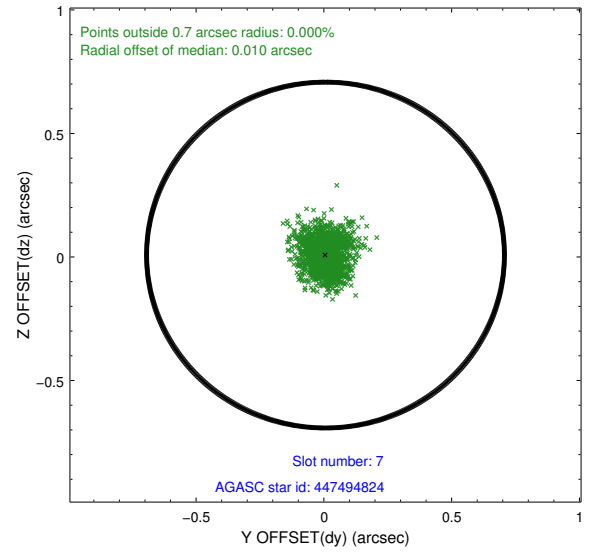
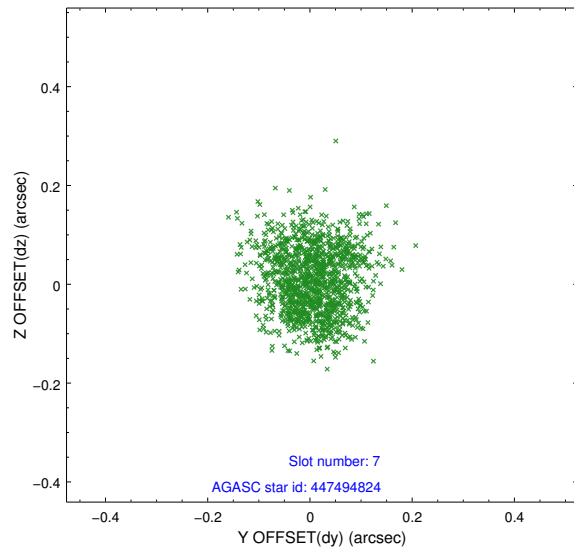
2.4.3 Slot 5



2.4.4 Slot 6

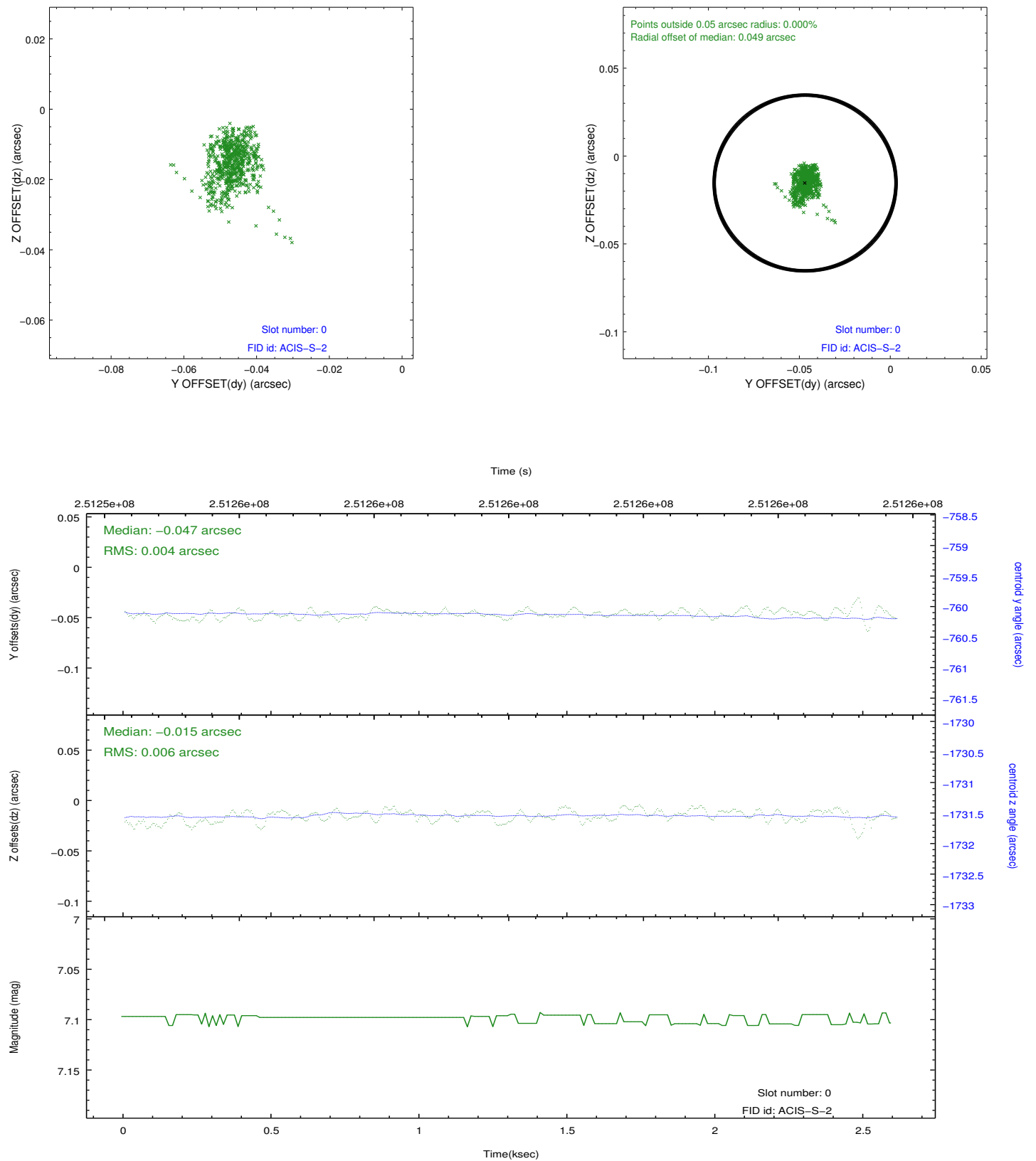


2.4.5 Slot 7

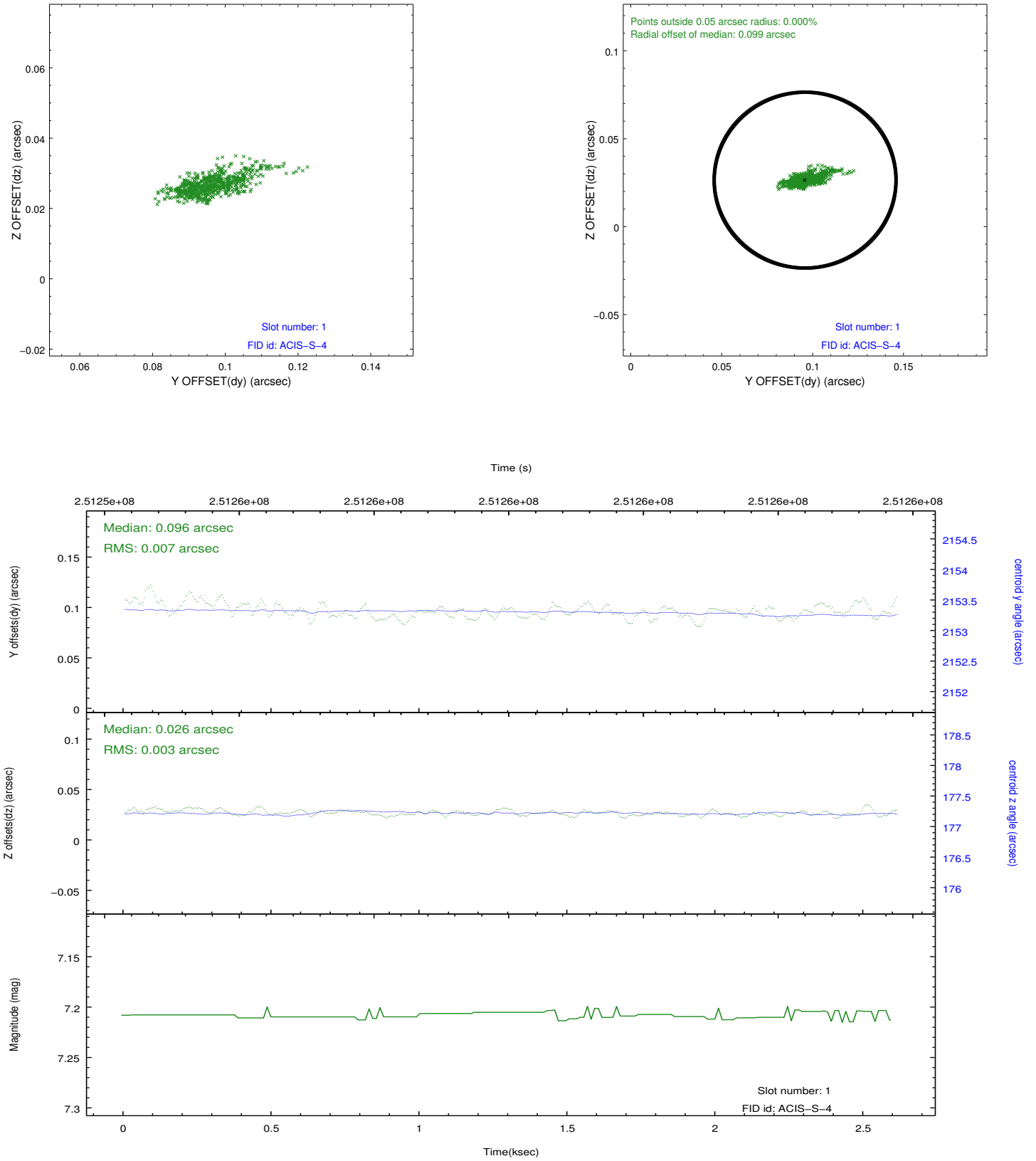


2.5 FID Slots

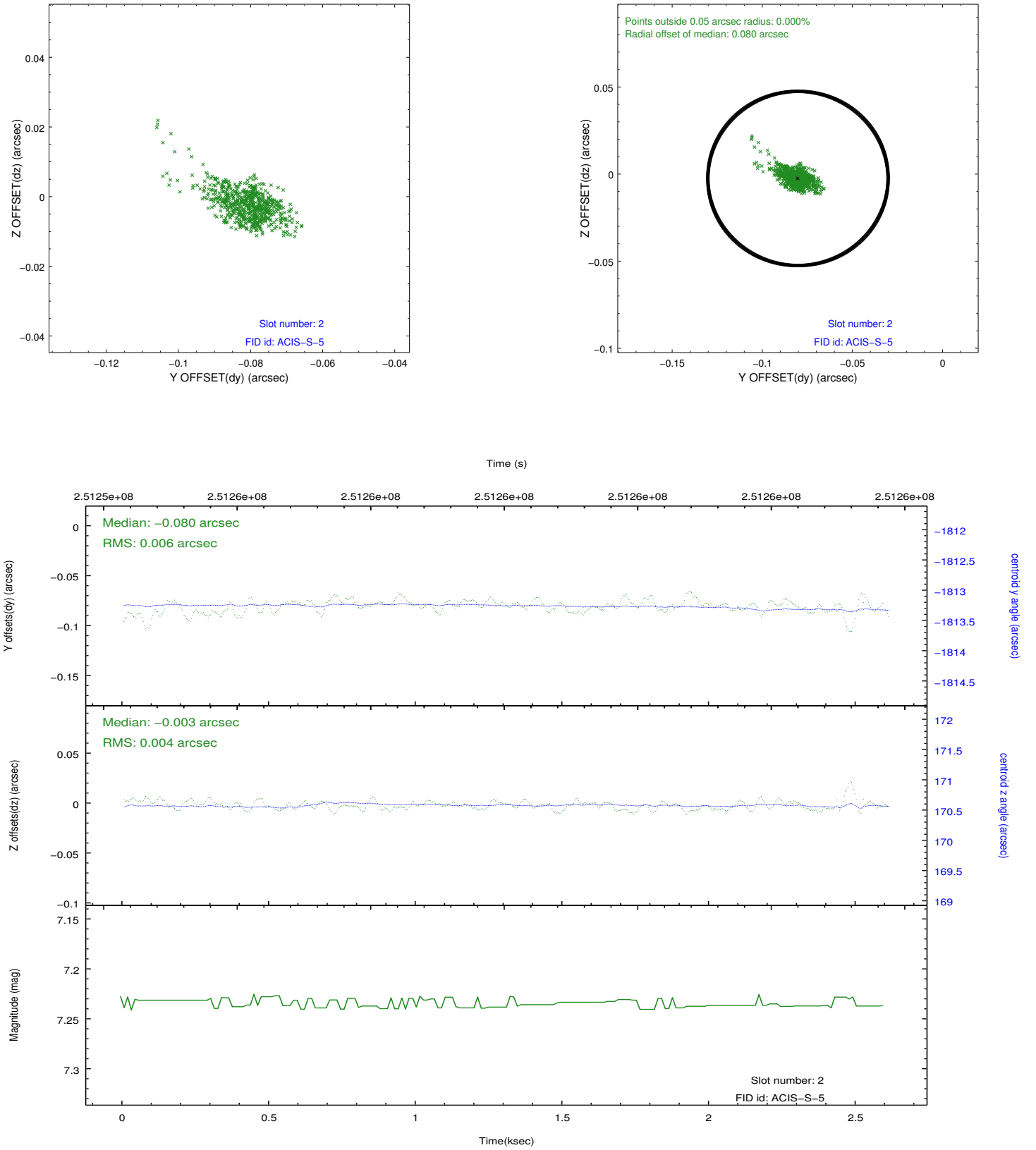
2.5.1 Slot 0



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)	2012.03.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.601599

A.2 Comments