

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7465 - L2 Version 2
Chandra X-Ray Center

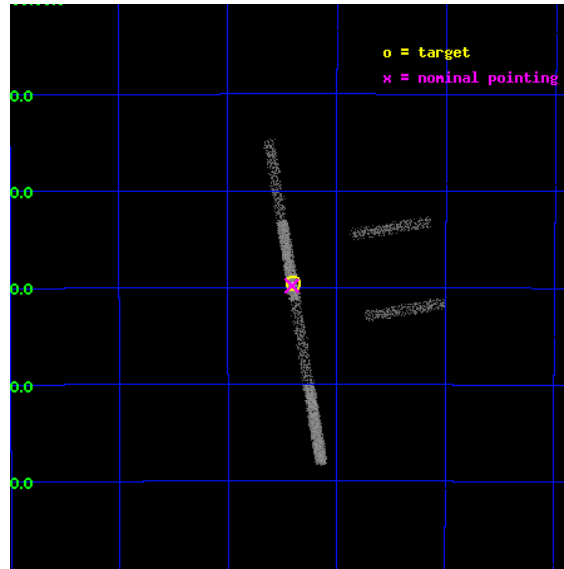
L2 Processing Date : May 2 2012

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1 Front

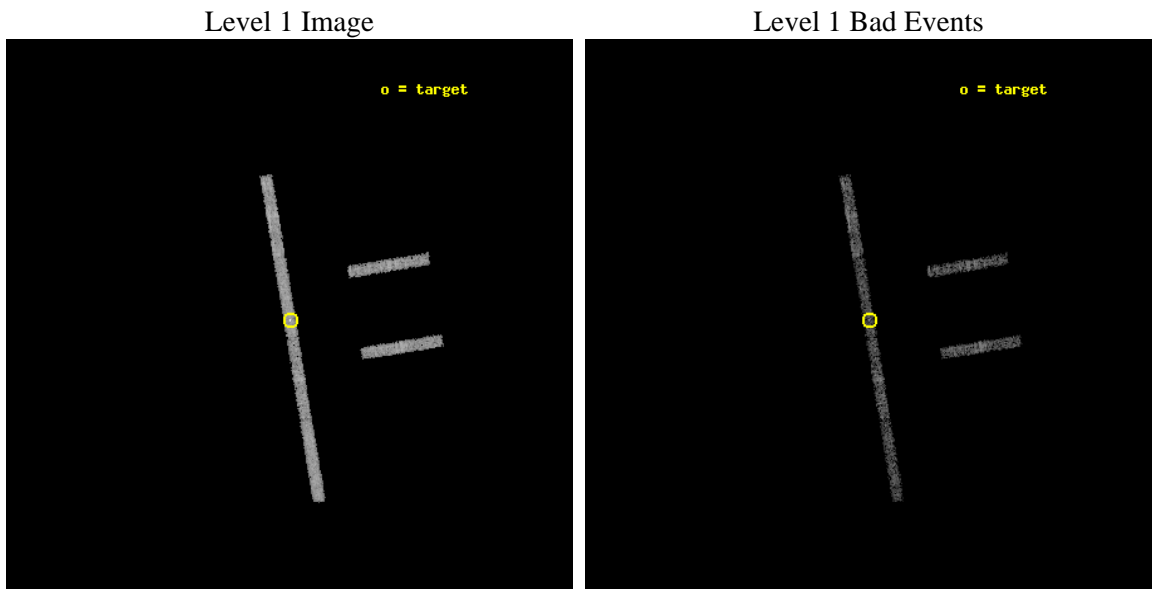
seq_num	400575	Sequence number
obs_id	7465	Observation id
title	Localizing ill-studied LMXBs	Proposal title
observer	Prof Mariano Mendez	Principal investigator
object	1RXS J171824.2-402934	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	259.600417	Observer's specified target RA [deg]
dec_targ	-40.4925	Observer's specified target Dec [deg]
ra_nom	259.60299668318	Nominal RA [deg]
dec_nom	-40.49704846262	Nominal Dec [deg]
roll_nom	260.59513252344	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2664.8999545574	Sum of GTIs [s]
livetime	2517.3134624179	Livetime [s]
ontime2	2664.8999545574	Sum of GTIs [s]
ontime3	2664.8999545574	Sum of GTIs [s]
ontime5	2664.8999545574	Sum of GTIs [s]
ontime6	2664.8999545574	Sum of GTIs [s]
ontime7	2664.8999545574	Sum of GTIs [s]
ontime8	2664.8999545574	Sum of GTIs [s]
l2events	6771	Number of level 2 events



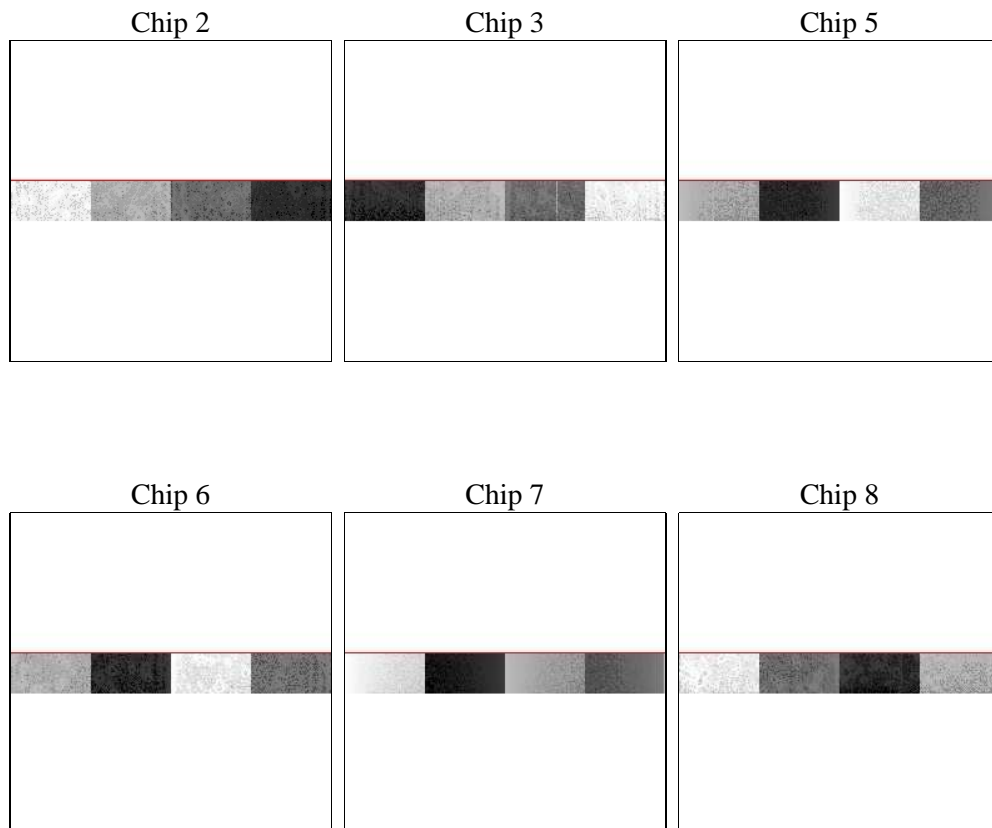
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2516.877000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	2664.8999545574	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	2664.8999545574	Sum of GTIs [s]
date	2012-05-02T08:34:12	Date and time of file creation	ontime3	2664.8999545574	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	2664.8999545574	Sum of GTIs [s]
			ontime6	2664.8999545574	Sum of GTIs [s]
			ontime7	2664.8999545574	Sum of GTIs [s]
			ontime8	2664.8999545574	Sum of GTIs [s]
			l1events	37514	Number of level 1 events

2.1.4 Events

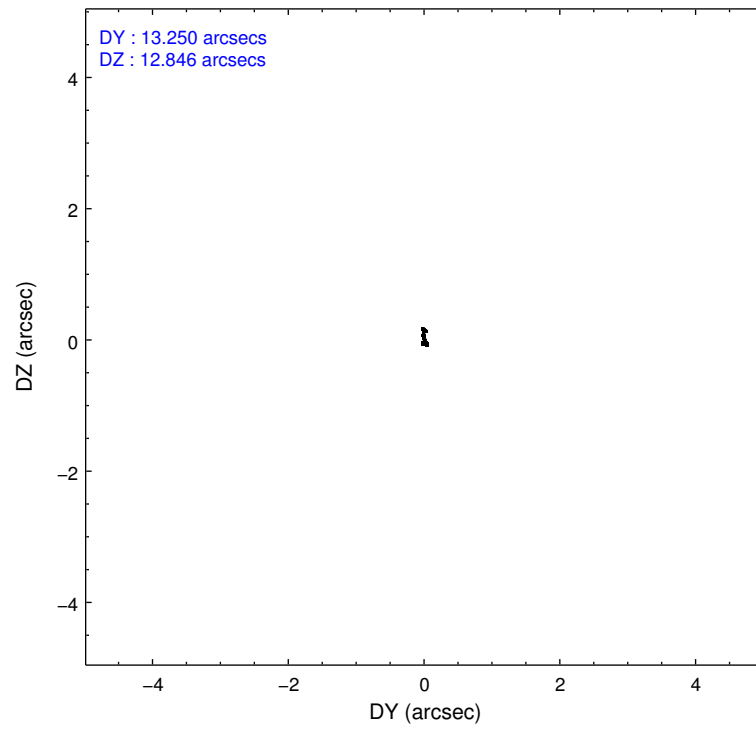
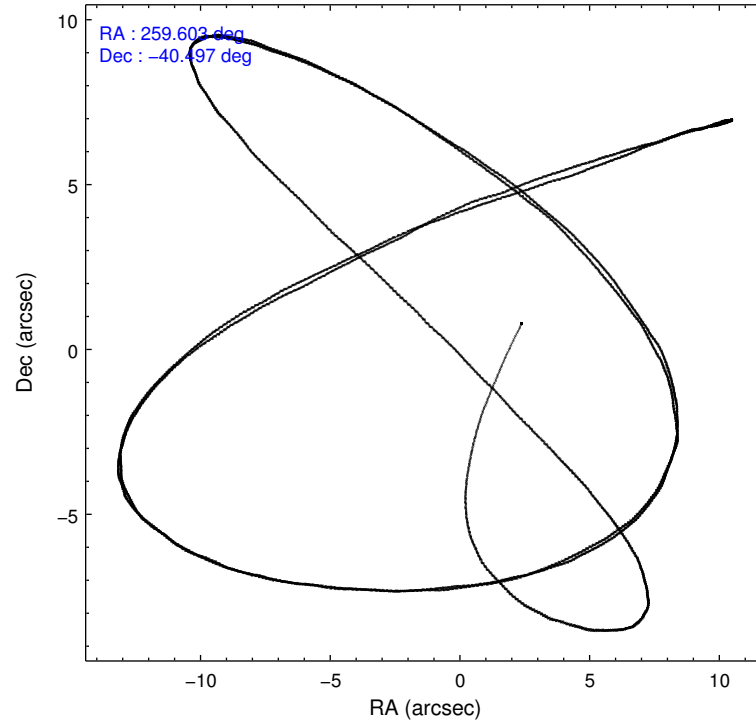
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	5508	5312	6500	5368	7166	7660
rejected events	4978	4829	4112	4834	4345	6520
rejected %	90%	90%	63%	90%	60%	85%

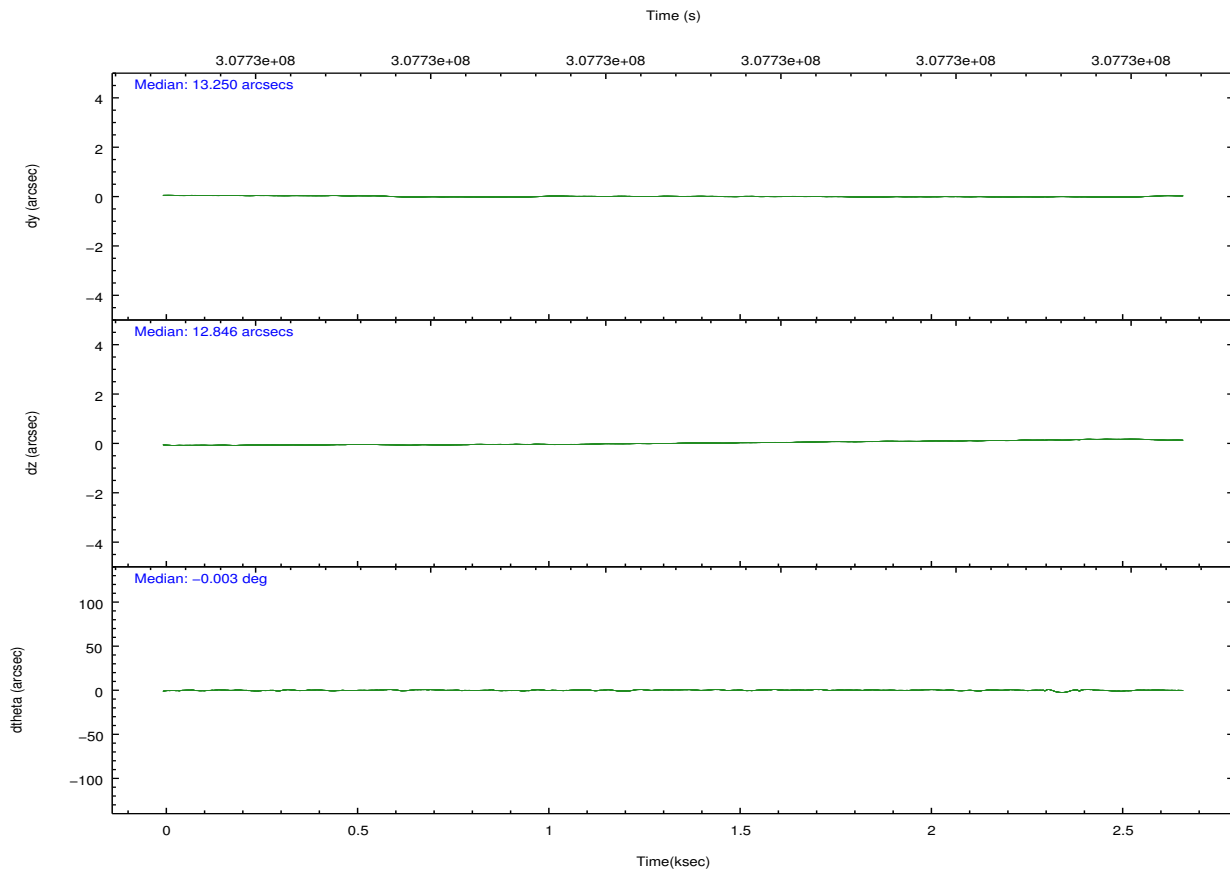
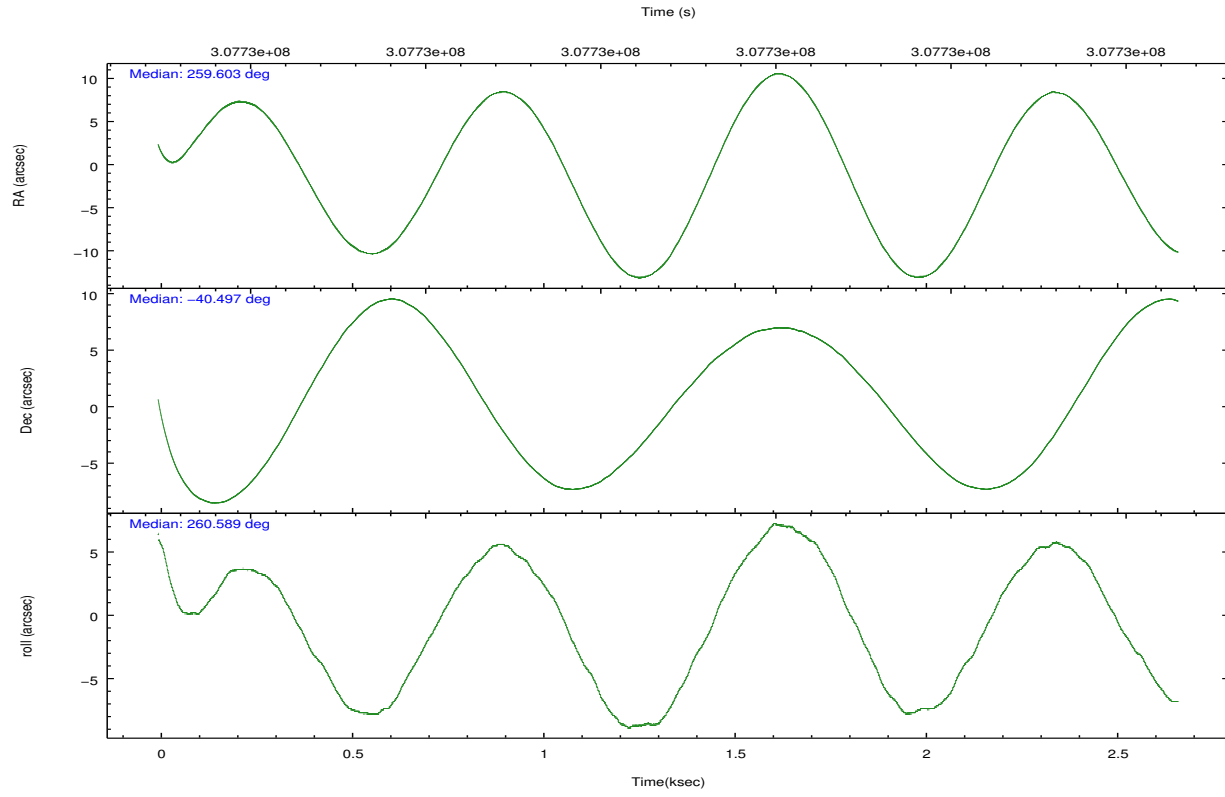
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	256	250	209	236	432	395
	4%	4%	3%	4%	6%	5%
grade 1 events	1	2	13	2	8	5
	0%	0%	0%	0%	0%	0%
grade 2 events	99	84	905	131	648	307
	1%	1%	13%	2%	9%	4%
grade 3 events	94	94	167	83	360	183
	1%	1%	2%	1%	5%	2%
grade 4 events	106	92	131	100	382	154
	1%	1%	2%	1%	5%	2%
grade 5 events	204	183	479	202	628	276
	3%	3%	7%	3%	8%	3%
grade 6 events	90	89	1622	122	1576	459
	1%	1%	24%	2%	21%	5%
grade 7 events	4658	4518	2974	4492	3132	5881
	84%	85%	45%	83%	43%	76%

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	259.589729	259.6029966831784	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-40.471534	-40.49704846262013	Subarray start row	449	449
[deg] Pointing Roll	260.429880	260.5951325234445	Subarray row count	128	128
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.7
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	307729005.184000	307727889.06349			
Observation start date	2007-10-02T16:15:40	2007-10-02T15:58:09			
[s] Observation end time (MET)	307731521.184000	307731749.21368			
Observation end date	2007-10-02T16:57:36	2007-10-02T17:02:29			
Read mode	TIMED	TIMED			

2.3 Aspect



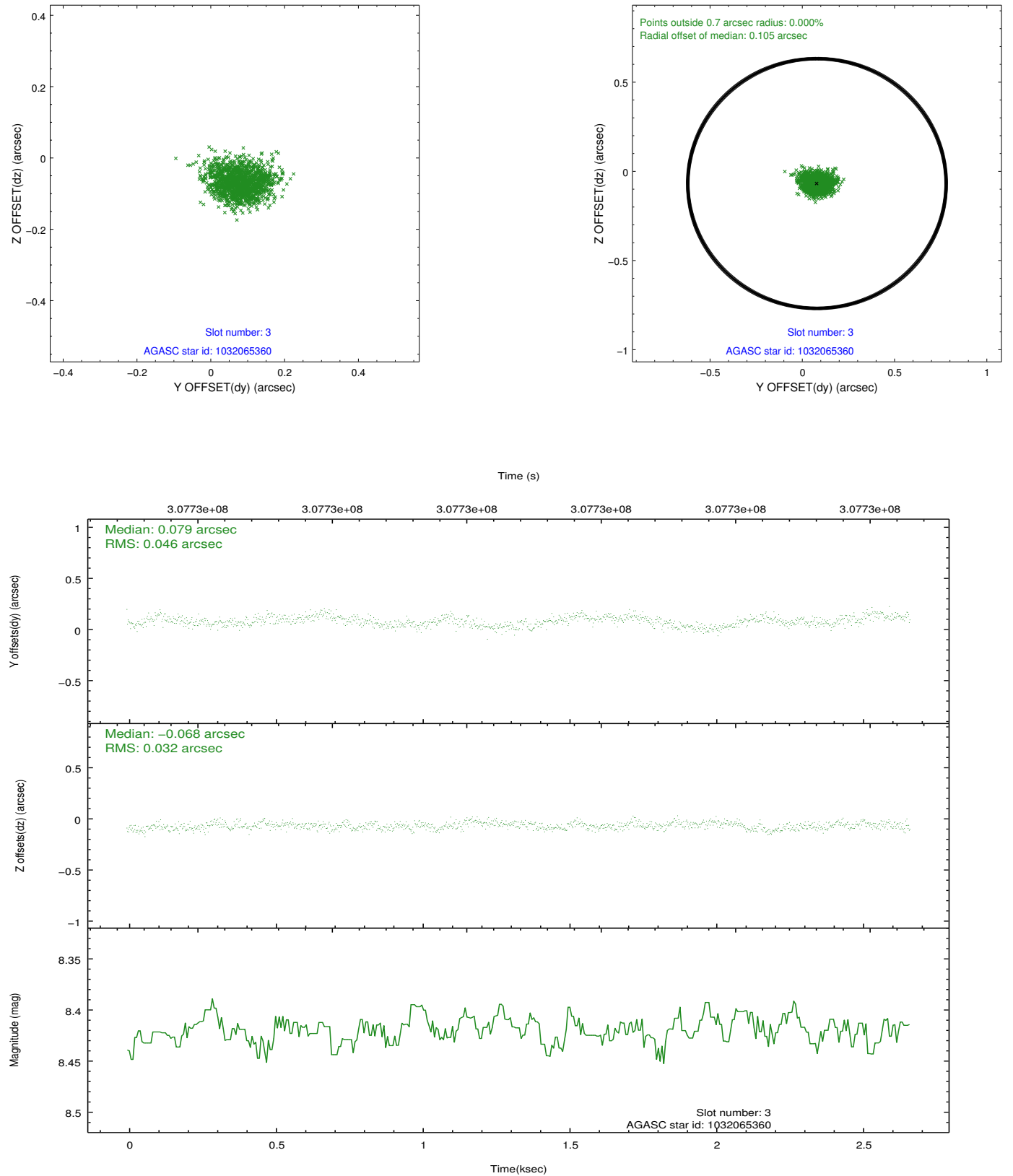


Slot Statistics

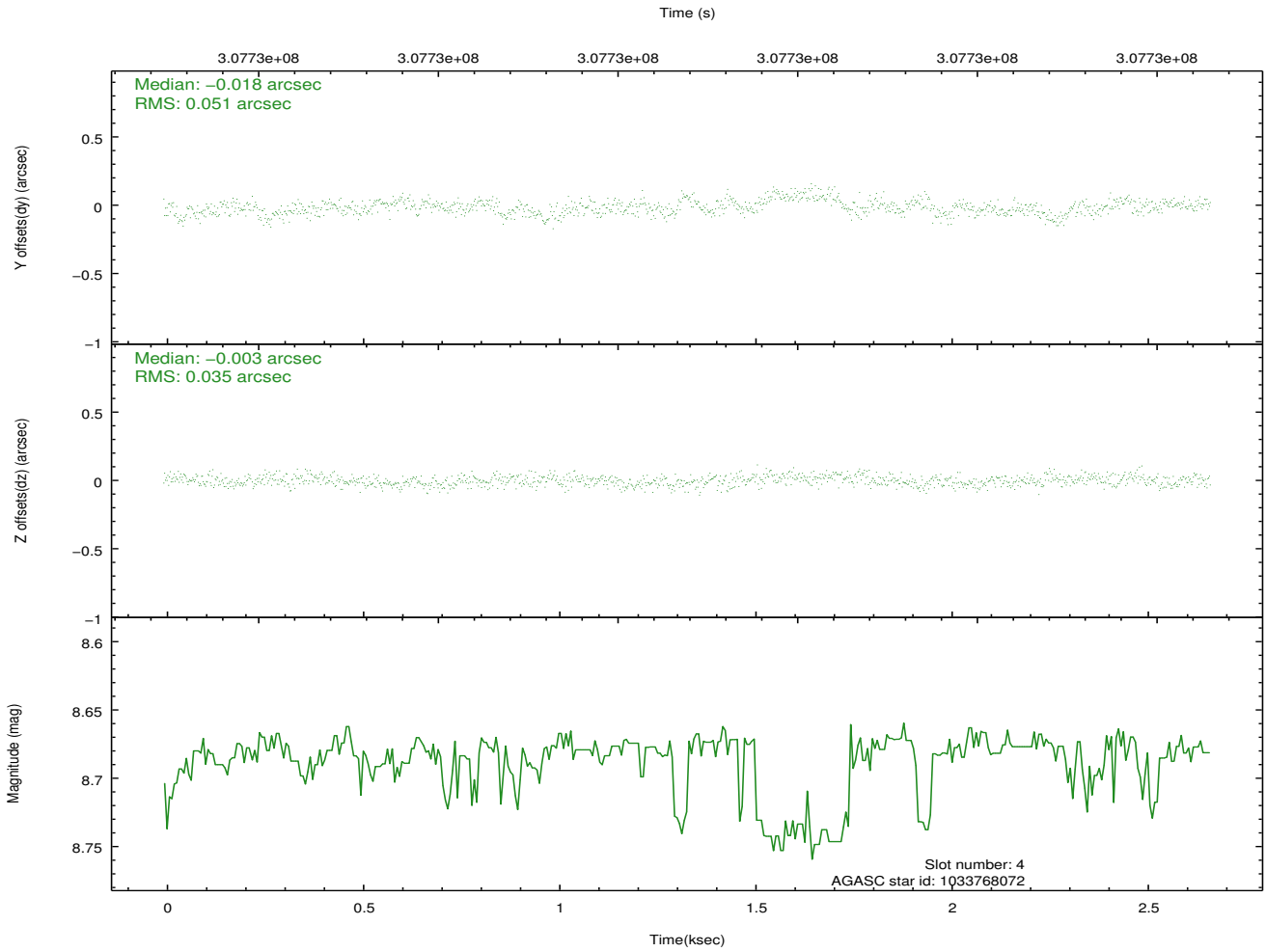
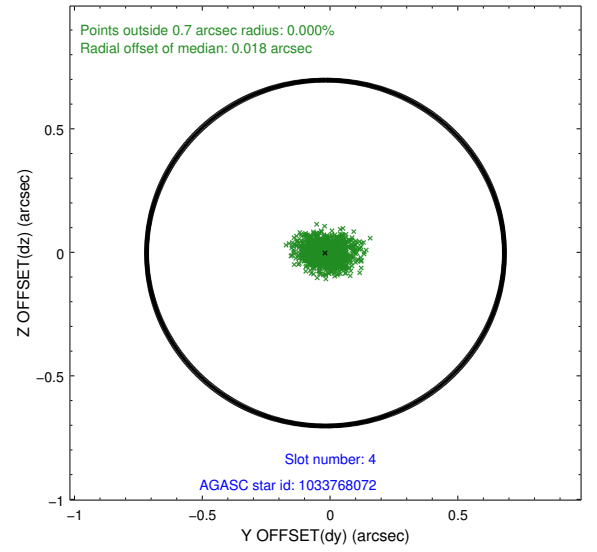
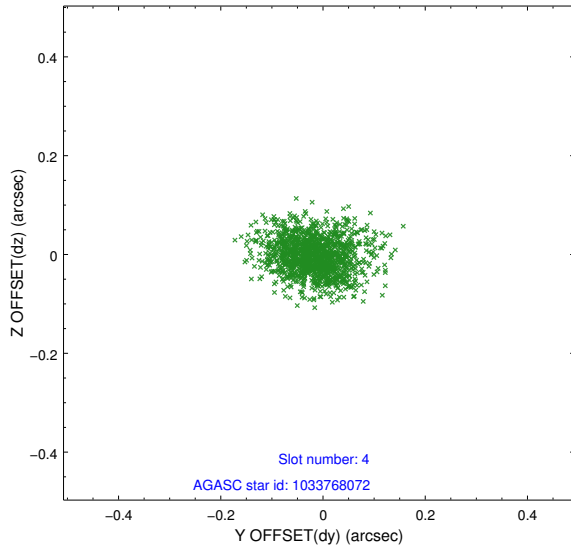
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	651	-0.023	-0.055	0.006	0.011	0.000000	0.000000	-766.22	-1734.18
1	FID	ACIS-S-4	7.19	651	0.154	0.026	0.006	0.010	0.000000	0.000000	2146.15	171.85
2	FID	ACIS-S-5	7.23	651	-0.162	0.038	0.006	0.011	0.000000	0.000000	-1816.08	168.32
3	GUIDE	1032065360	8.42	1302	0.079	-0.068	0.060	0.097	259.684100	-41.099417	2186.60	628.20
4	GUIDE	1033768072	8.68	1301	-0.018	-0.003	0.064	0.112	260.222915	-39.936447	-2182.35	1404.30
5	GUIDE	1033768104	8.20	1302	-0.055	0.107	0.069	0.112	260.158920	-40.567185	84.19	1593.84
6	GUIDE	1033770424	8.23	1299	-0.027	0.016	0.064	0.100	260.243465	-40.286835	-947.66	1661.70
7	GUIDE	1032062224	8.11	1300	0.018	-0.047	0.051	0.081	258.732987	-40.317739	-143.78	-2408.11

2.4 Star Slots

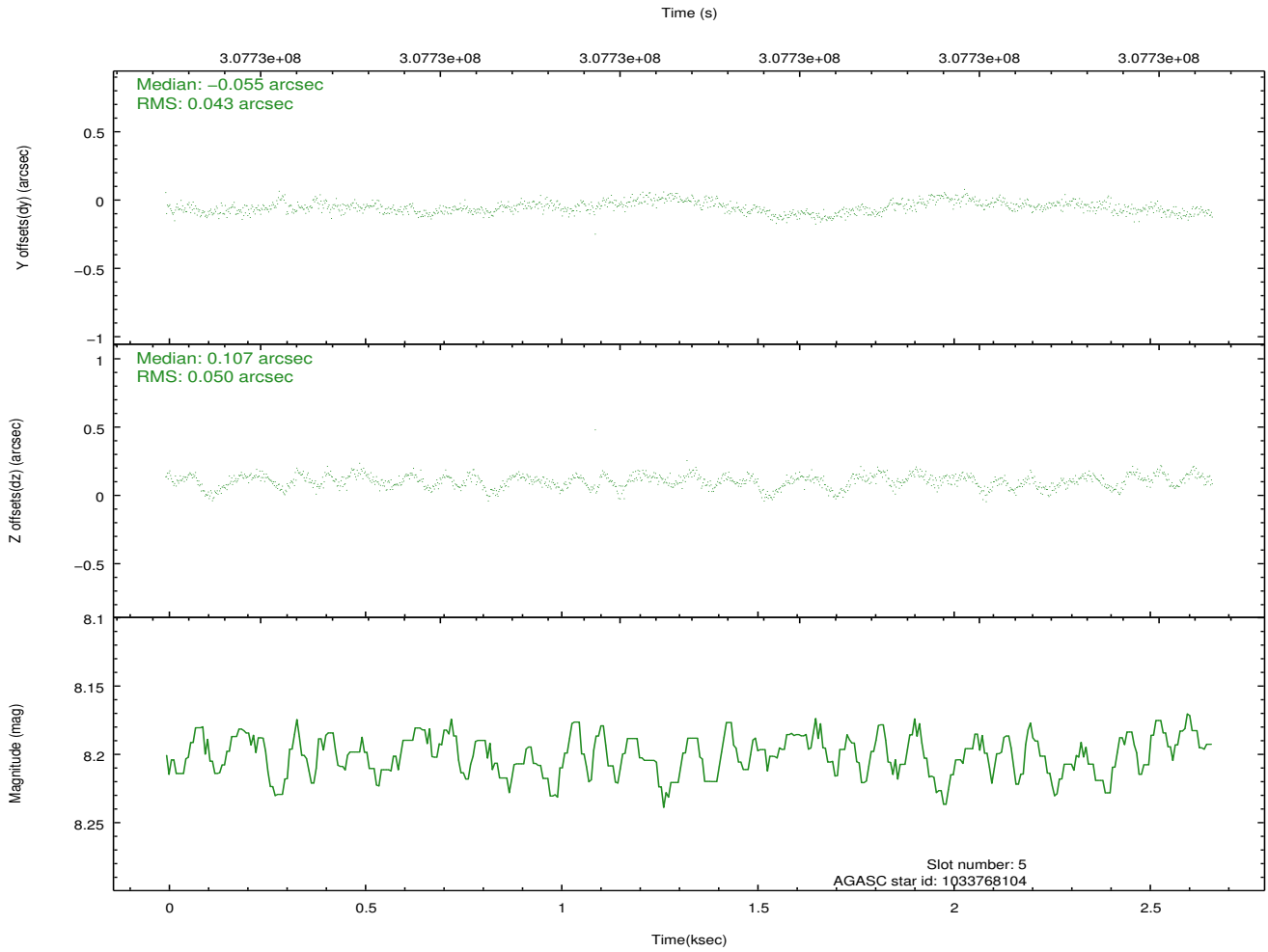
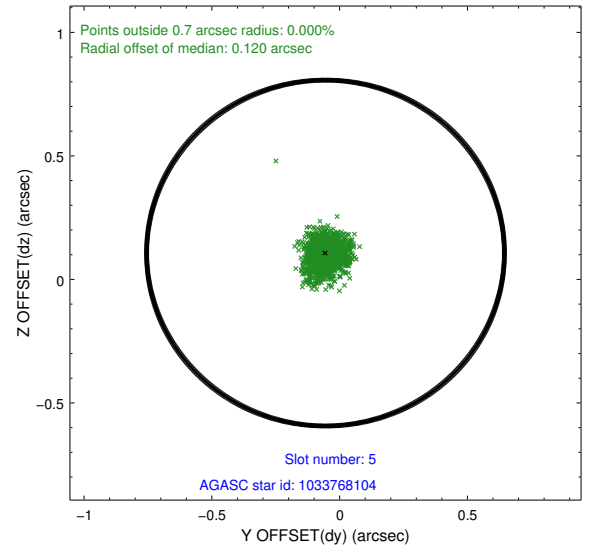
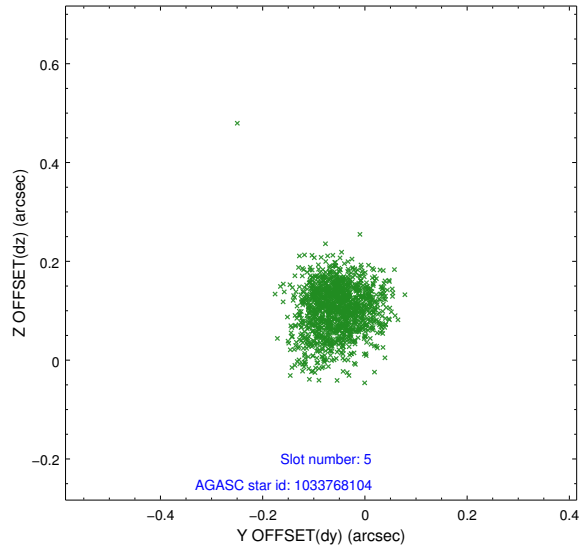
2.4.1 Slot 3



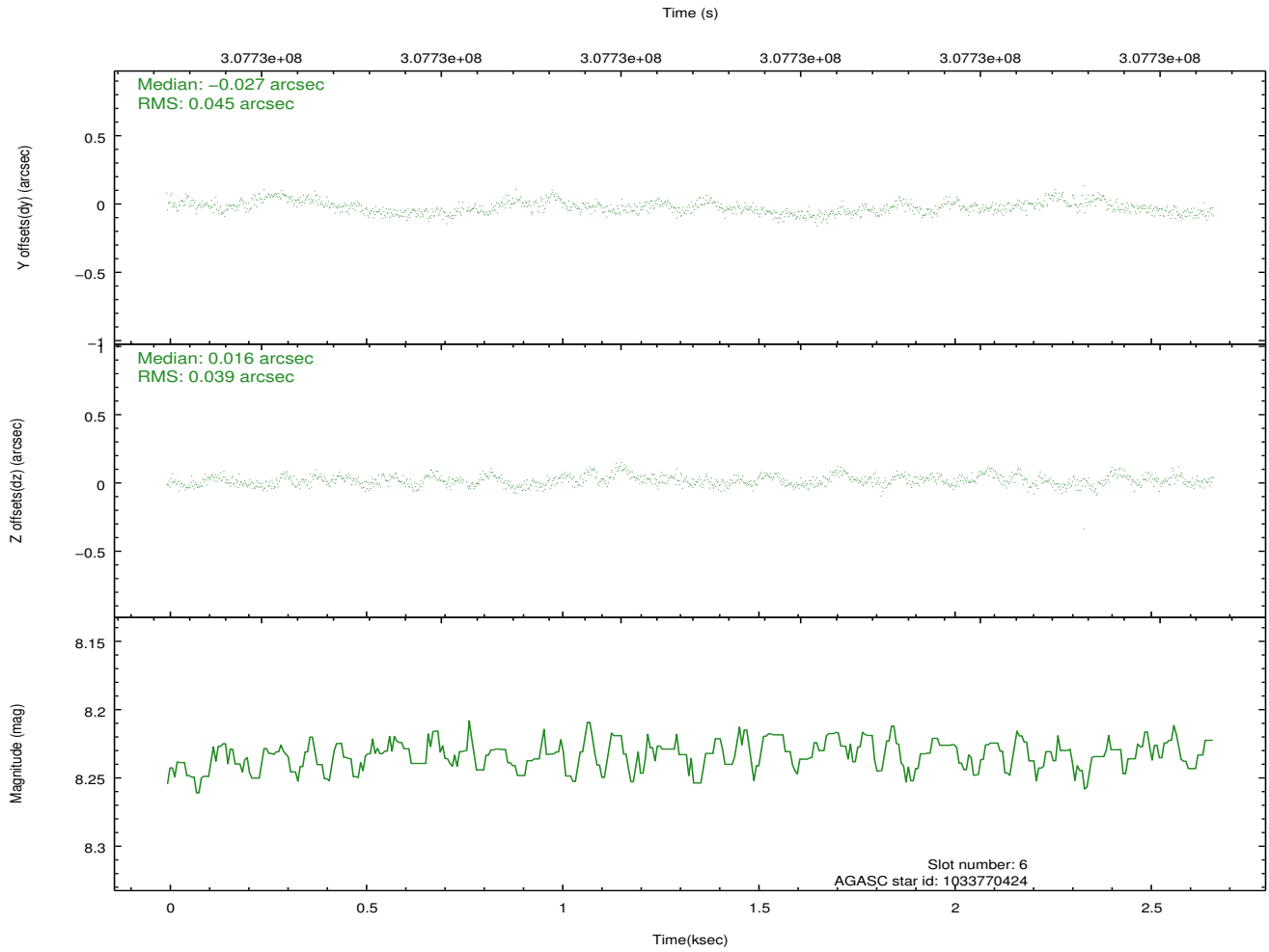
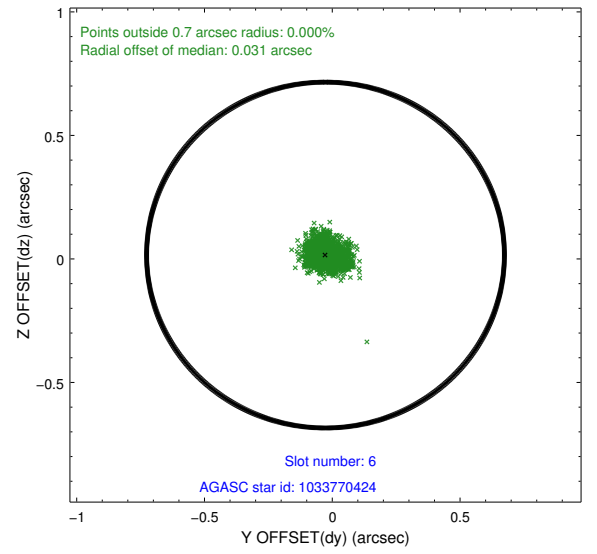
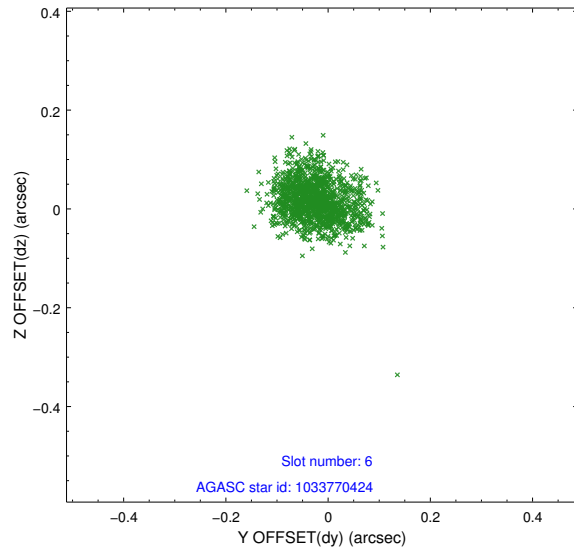
2.4.2 Slot 4



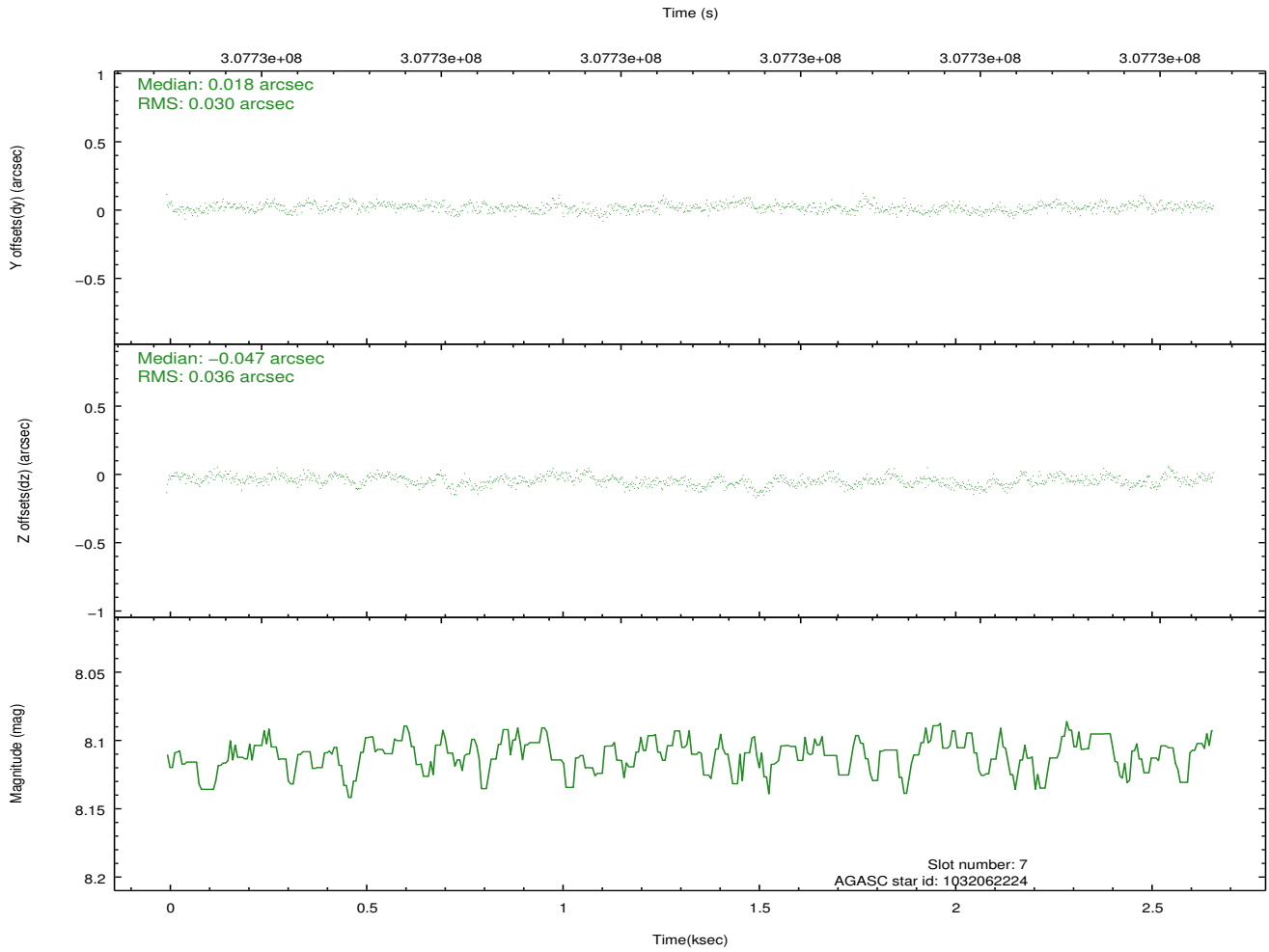
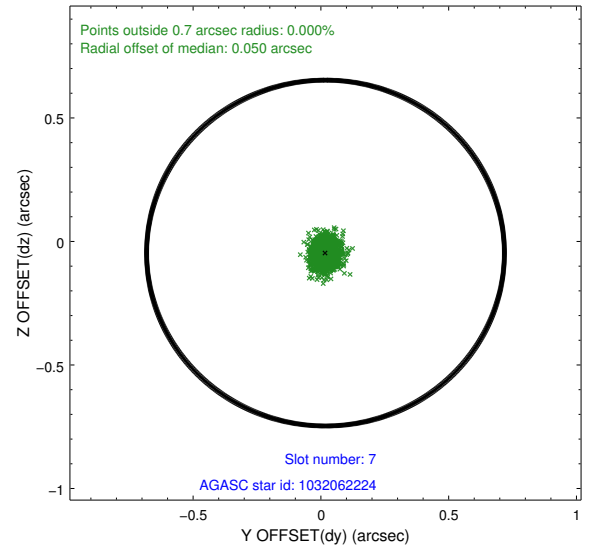
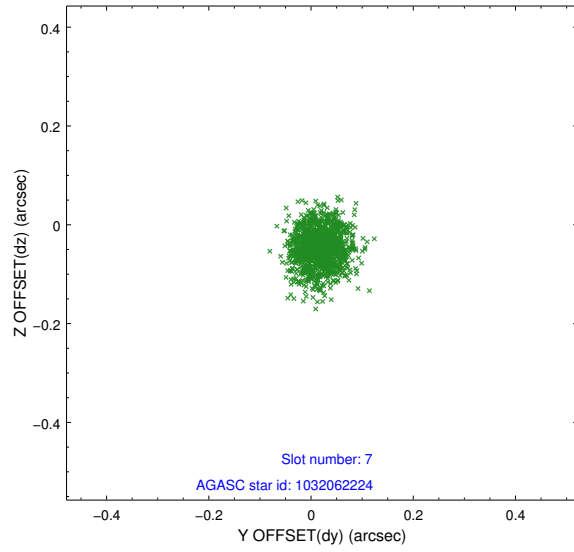
2.4.3 Slot 5



2.4.4 Slot 6

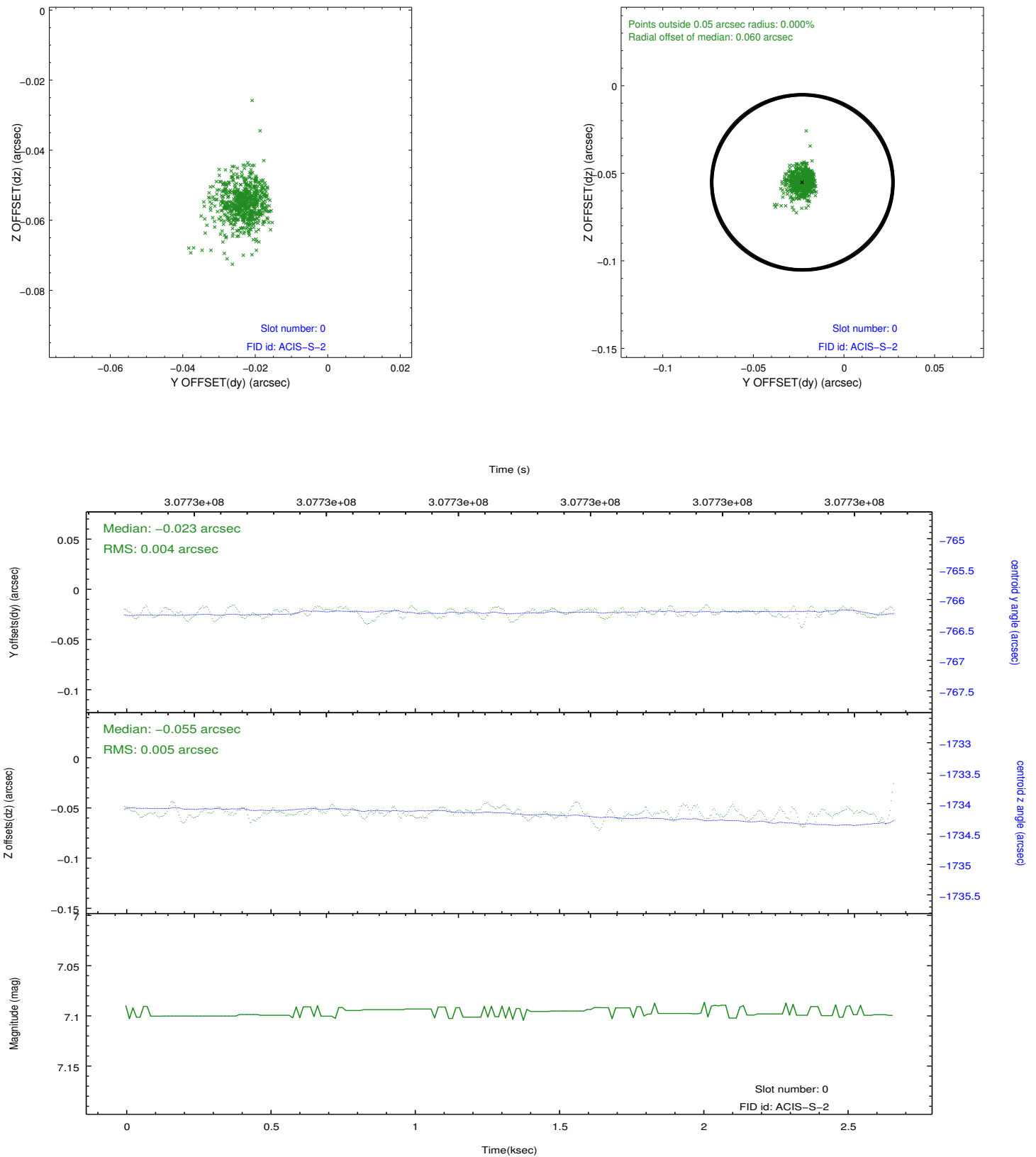


2.4.5 Slot 7

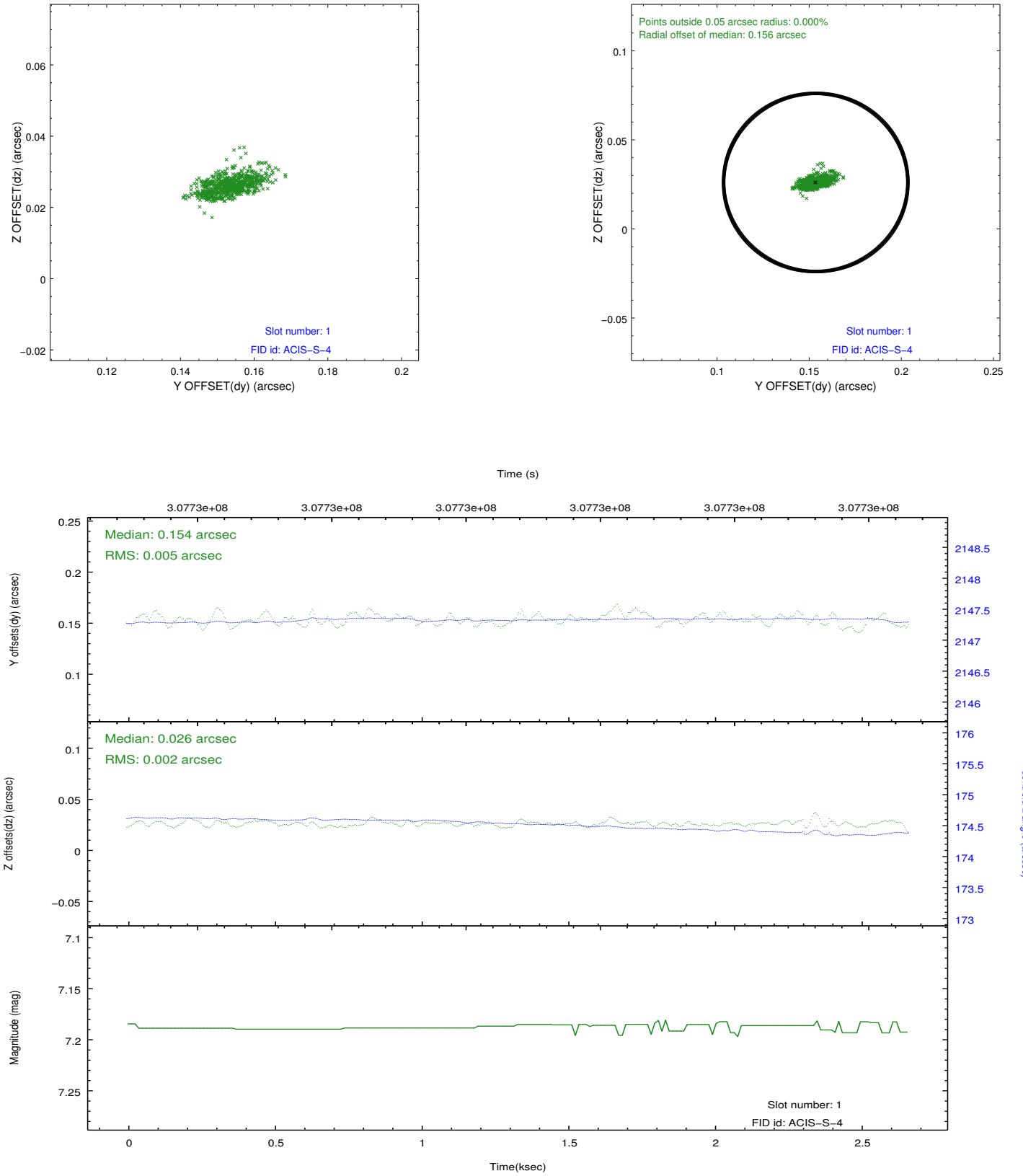


2.5 FID Slots

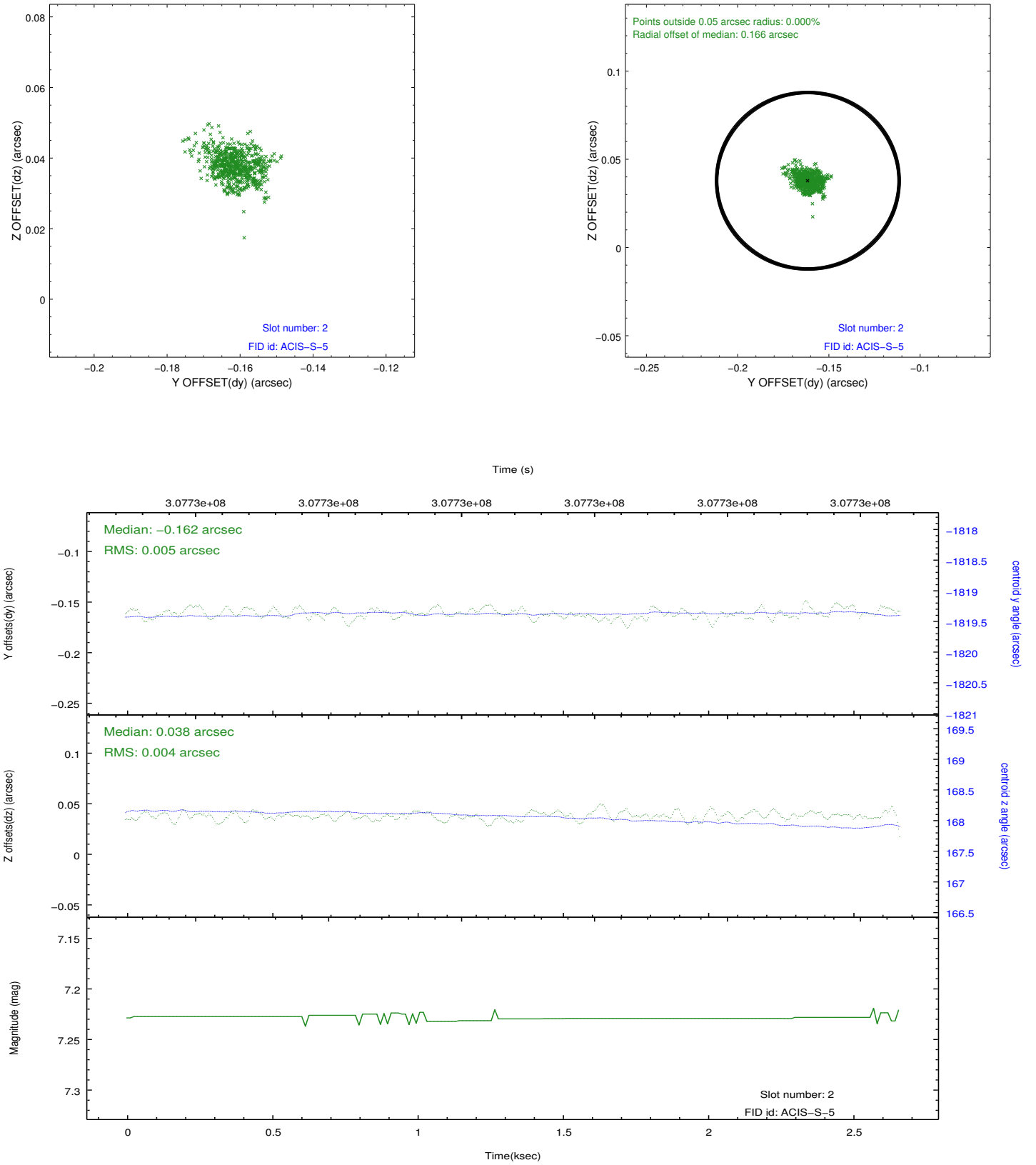
2.5.1 Slot 0



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)	2012.05.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.66489995

A.2 Comments