

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13273 - L2 Version 1
Chandra X-Ray Center

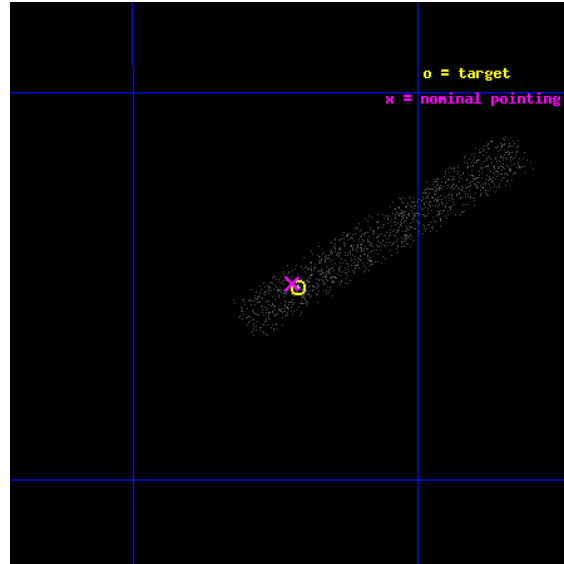
L2 Processing Date : Jan 1 2012

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1 Front

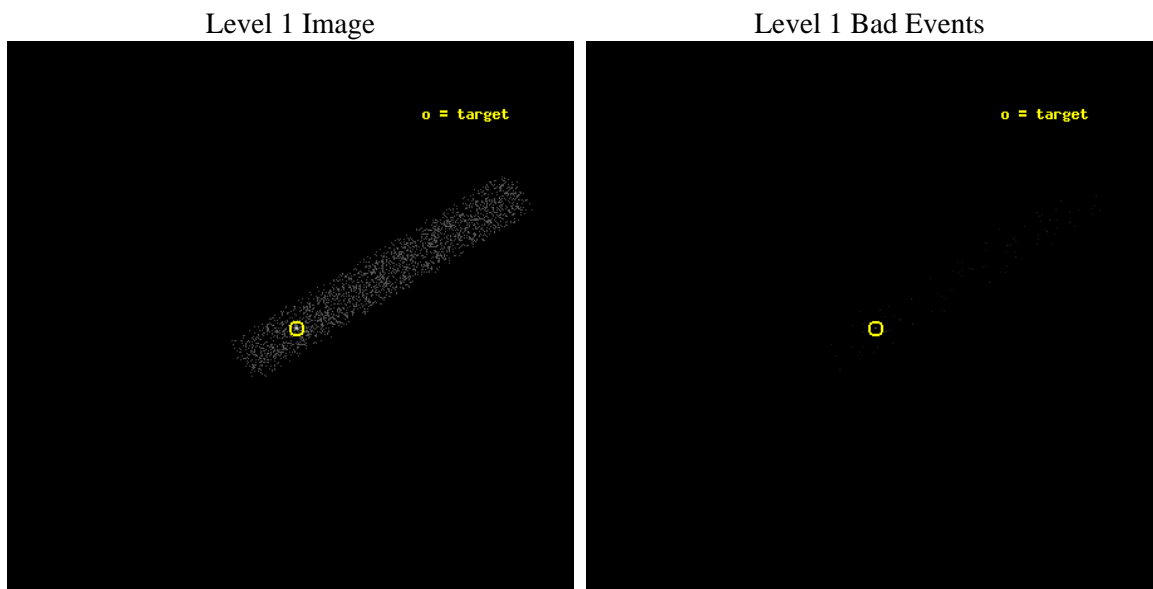
seq_num	200743	Sequence number
obs_id	13273	Observation id
title	A Search for X-ray Emission from Colliding Magnetospheres in Young Eccentric Stellar Binaries (GTO part)	Proposal title
observer	Prof. Gordon Garmire	Principal investigator
object	Parenago523_P2	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	82.6775	Observer's specified target RA [deg]
dec_targ	-4.583861	Observer's specified target Dec [deg]
ra_nom	82.680423816564	Nominal RA [deg]
dec_nom	-4.5824074104136	Nominal Dec [deg]
roll_nom	328.6263359571	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3008.3998206854	Sum of GTIs [s]
livetime	2728.4598409989	Livetime [s]
ontime7	3008.3998206854	Sum of GTIs [s]
l2events	2112	Number of level 2 events



2 OBI

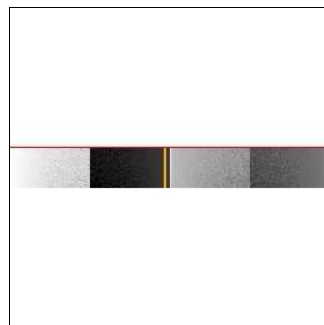
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	3008.3998206854	Sum of GTIs [s]
caldsver	4.4.7	 	ontime7	3008.3998206854	Sum of GTIs [s]
date	2012-01-01T19:28:50	Date and time of file creation	l1events	3399	Number of level 1 events
revision	1	Processing version of data			

2.1.4 Events

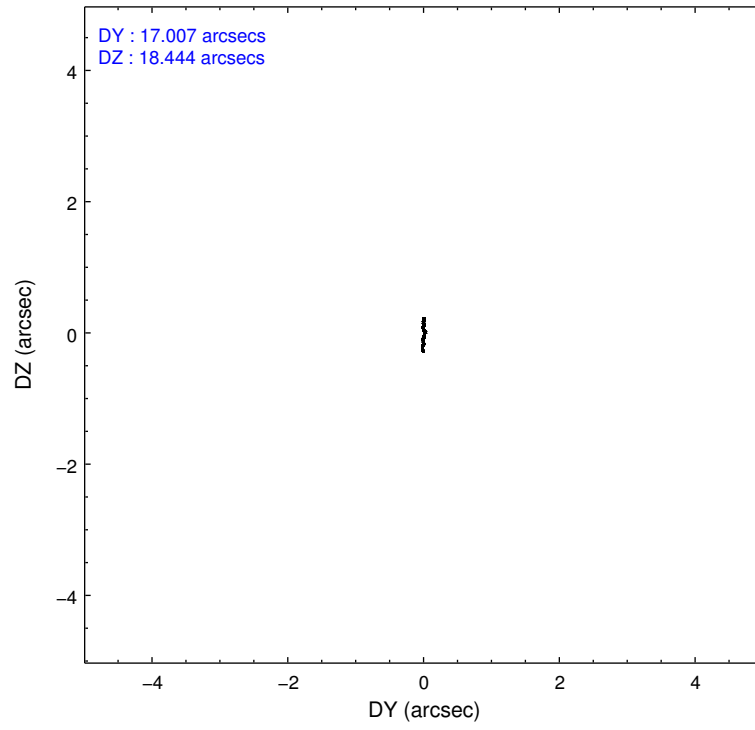
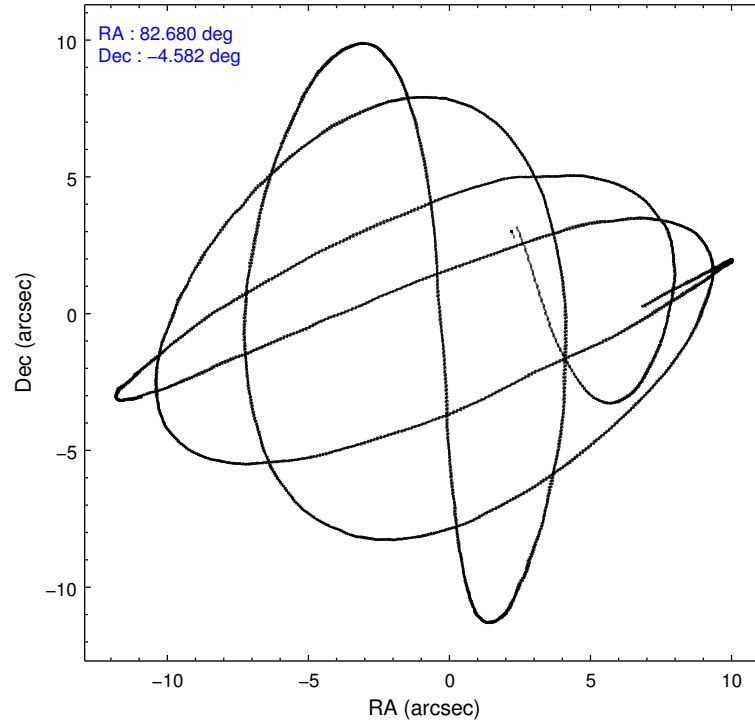
	ccd 7
level 1 events	3399
rejected events	1209
rejected %	35%

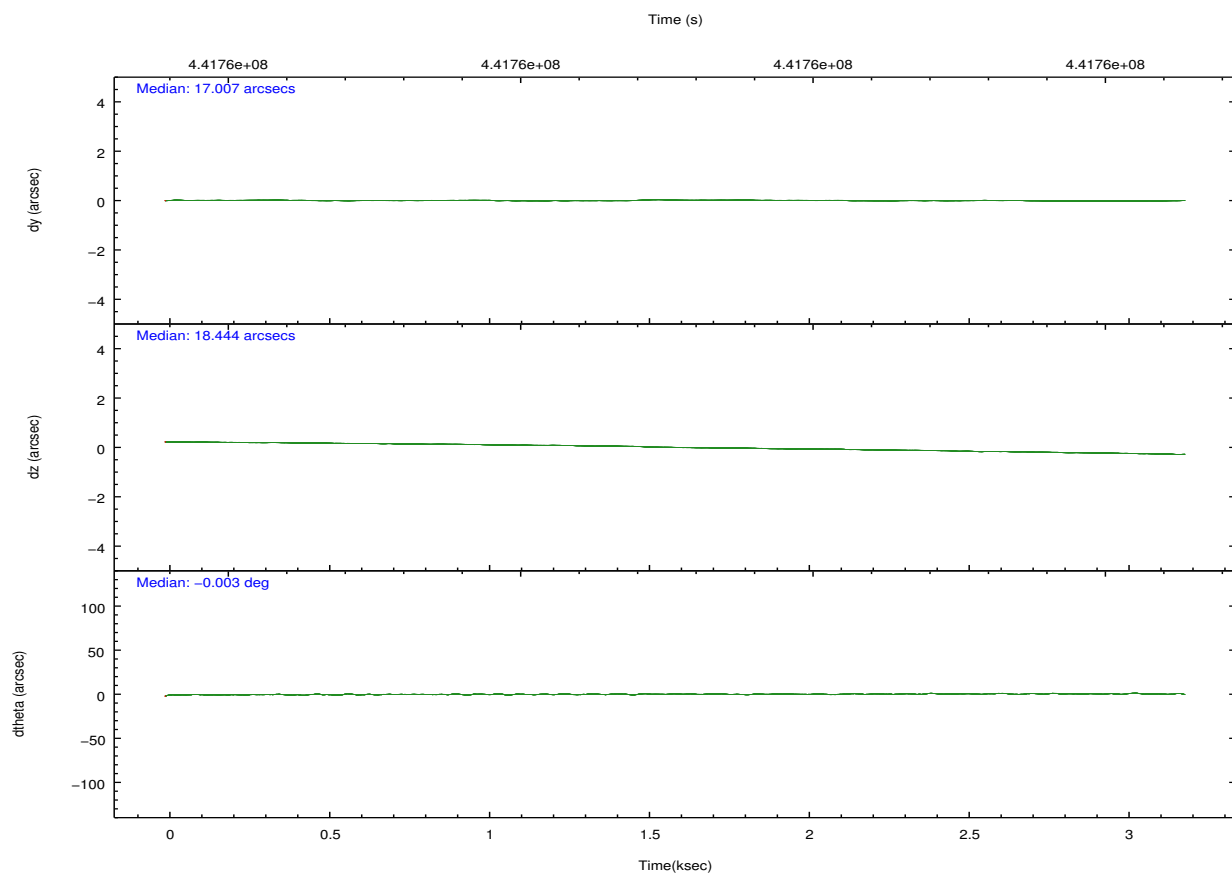
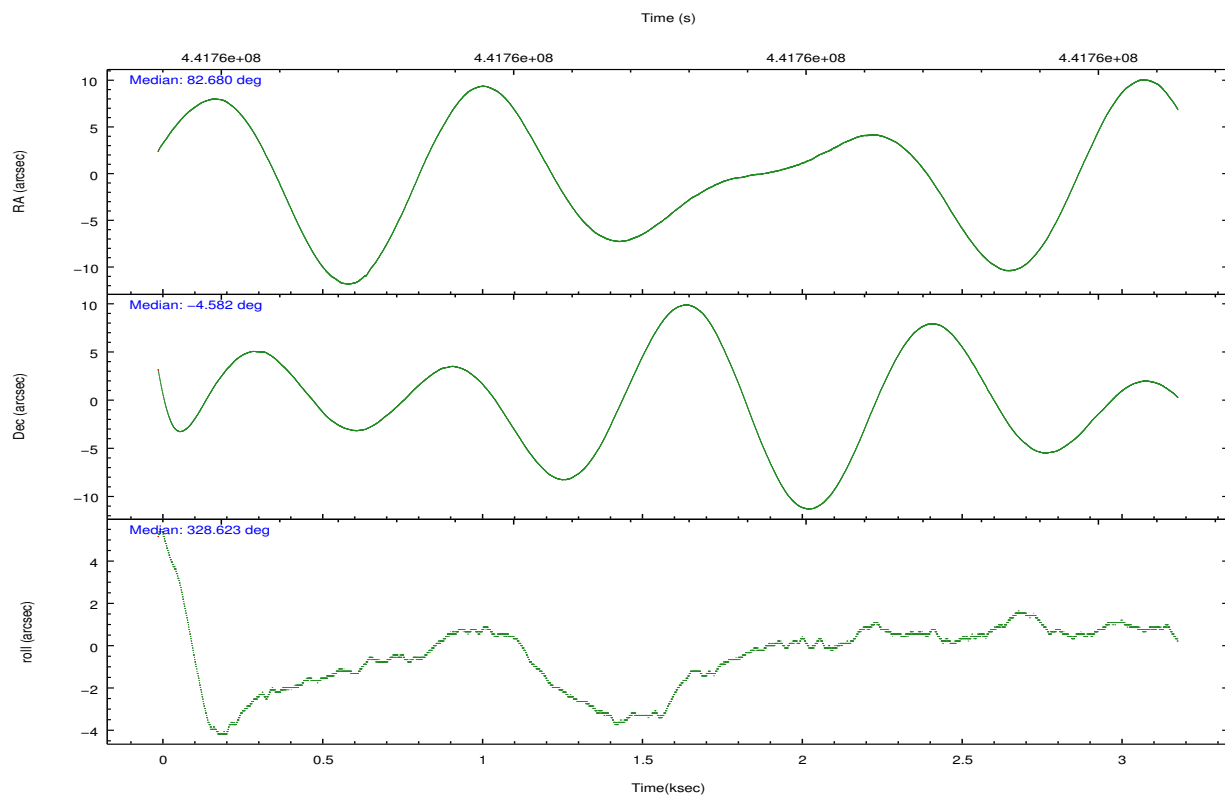
	ccd 7
grade 0 events	421
	12%
grade 1 events	9
	0%
grade 2 events	492
	14%
grade 3 events	288
	8%
grade 4 events	275
	8%
grade 5 events	276
	8%
grade 6 events	715
	21%
grade 7 events	923
	27%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	82.652803	82.68042381656431	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-4.582247	-4.582407410413638	Subarray start row	449	449
[deg] Pointing Roll	328.467471	328.6263359571026	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	0.4
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	441759120.184000	441757935.38305			
Observation start date	2011-12-31T22:50:54	2011-12-31T22:32:15			
[s] Observation end time (MET)	441762120.184000	441763265.38334			
Observation end date	2011-12-31T23:40:54	2012-01-01T00:01:05			
Read mode	TIMED	TIMED			

2.3 Aspect



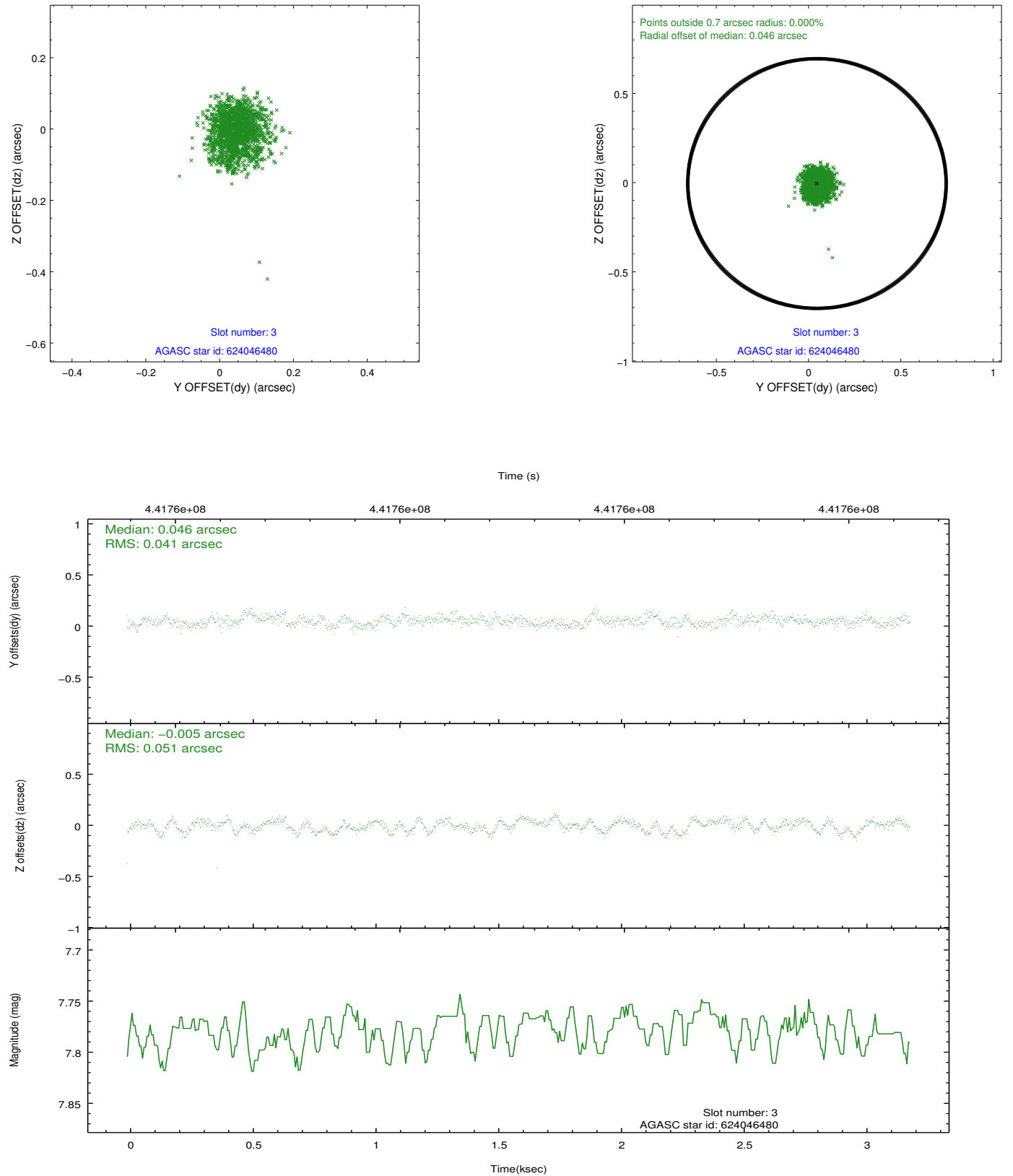


Slot Statistics

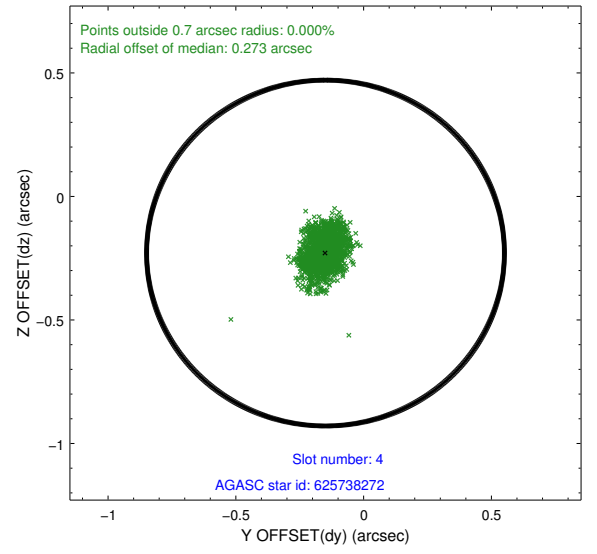
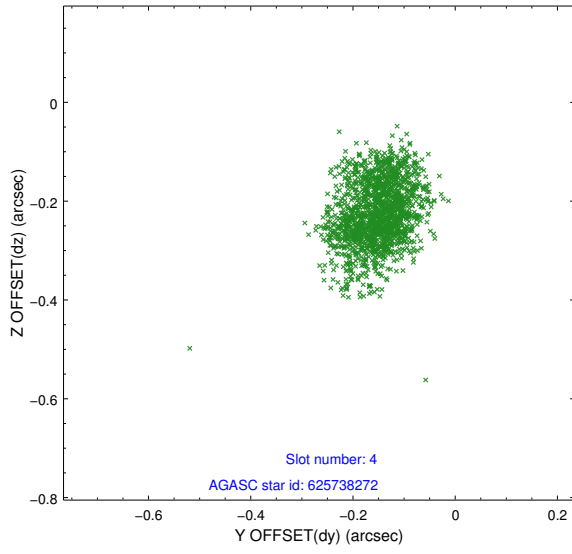
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.91	779	-0.079	-0.046	0.007	0.010	0.000000	0.000000	-770.15	-1739.89
1	FID	ACIS-S-4	6.99	779	0.199	0.050	0.005	0.009	0.000000	0.000000	2142.53	166.55
2	FID	ACIS-S-5	7.03	779	-0.151	0.004	0.006	0.010	0.000000	0.000000	-1820.47	162.53
3	GUIDE	624046480	7.78	1556	0.046	-0.005	0.069	0.107	82.138440	-4.697024	-1356.54	-1318.54
4	GUIDE	625738272	7.44	1557	-0.149	-0.229	0.083	0.130	83.057652	-4.171284	464.22	2019.32
5	GUIDE	625742192	9.09	1554	0.088	0.117	0.113	0.194	82.543141	-5.201620	831.46	-2105.23
6	GUIDE	625745120	8.05	1557	0.062	-0.058	0.076	0.135	83.237850	-4.566478	1760.70	1143.85
7	GUIDE	624034448	8.31	1556	-0.051	0.175	0.071	0.112	82.155578	-4.175293	-2286.57	314.80

2.4 Star Slots

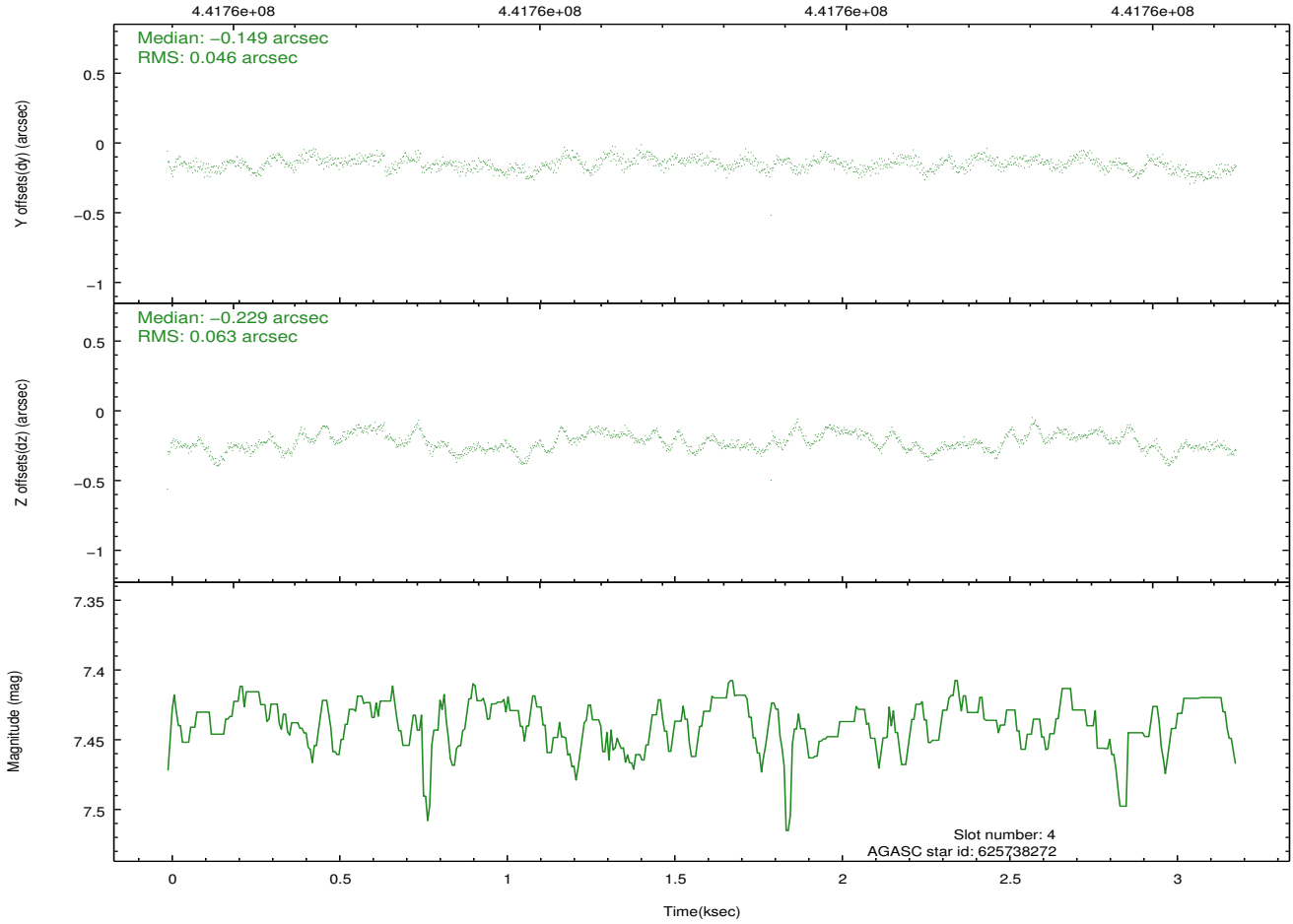
2.4.1 Slot 3



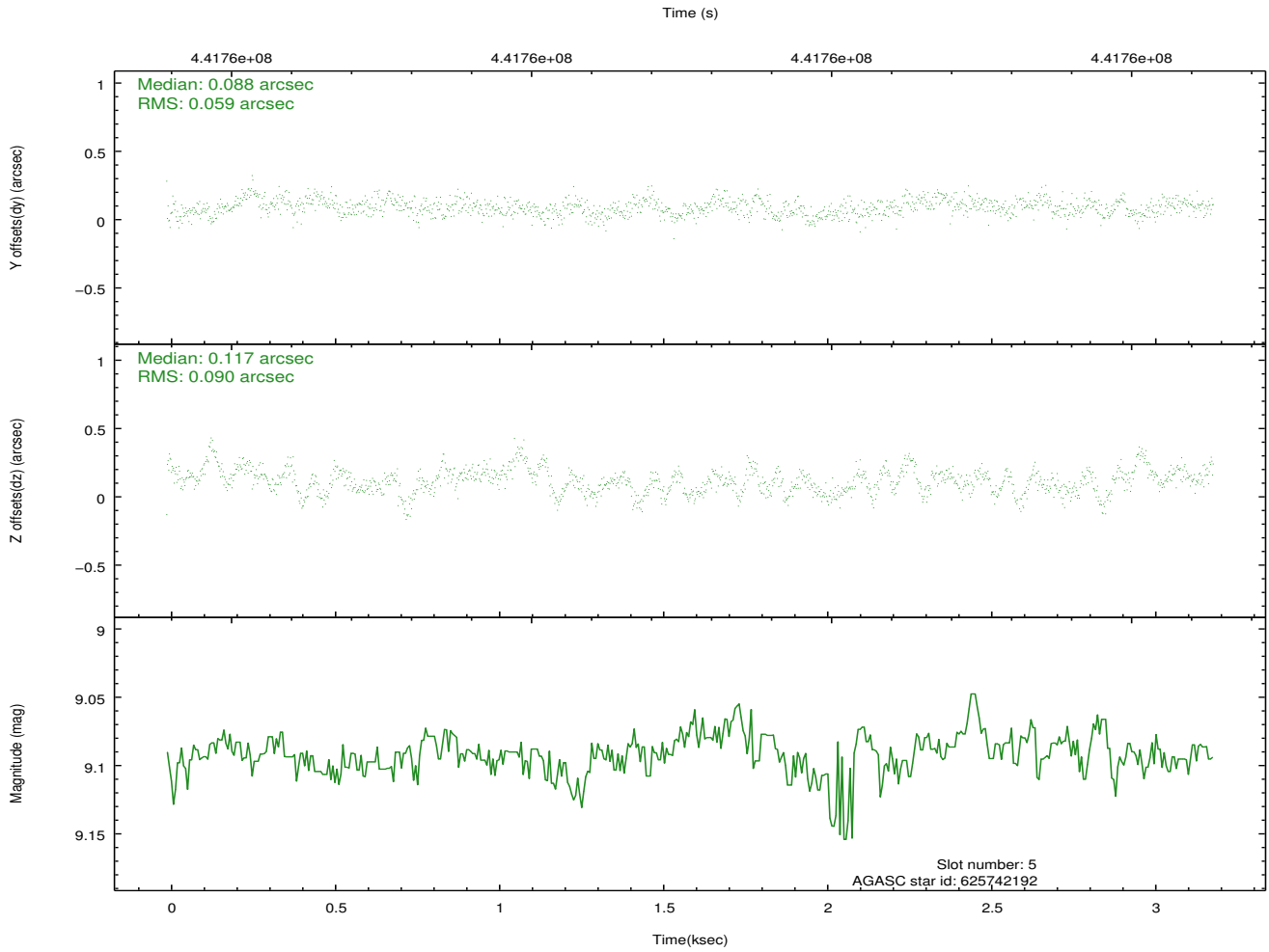
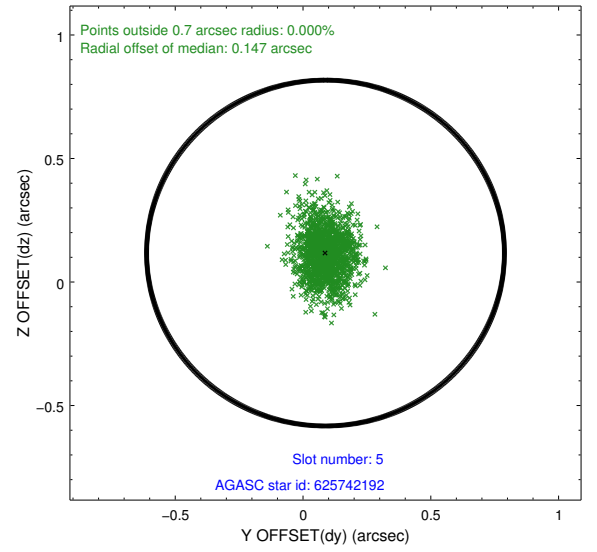
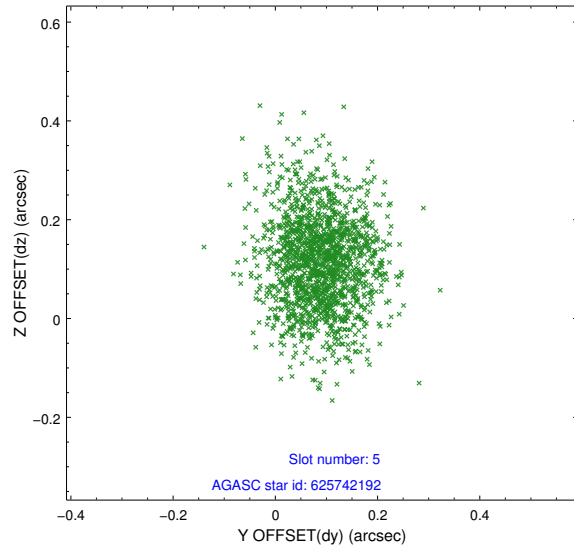
2.4.2 Slot 4



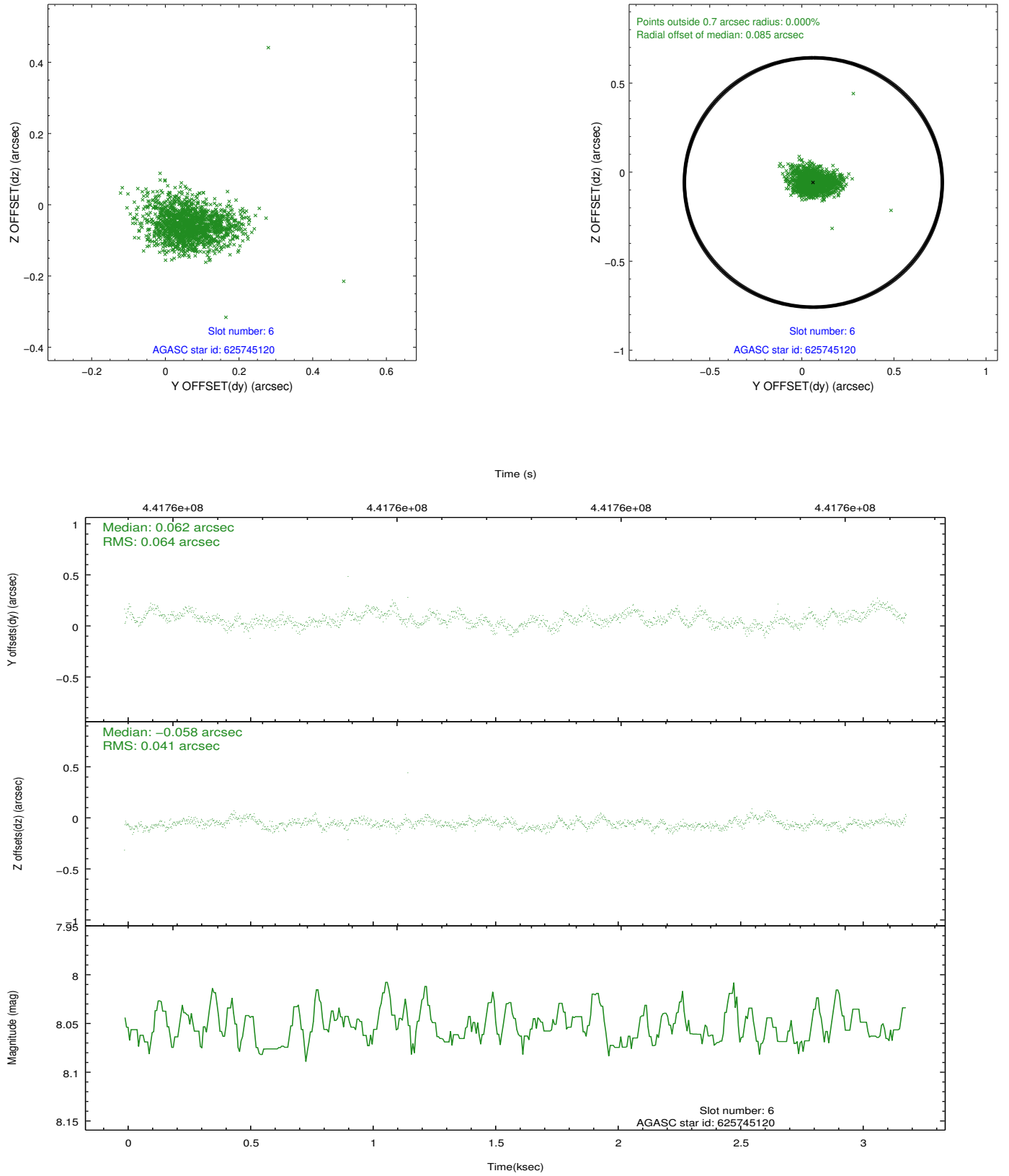
Time (s)



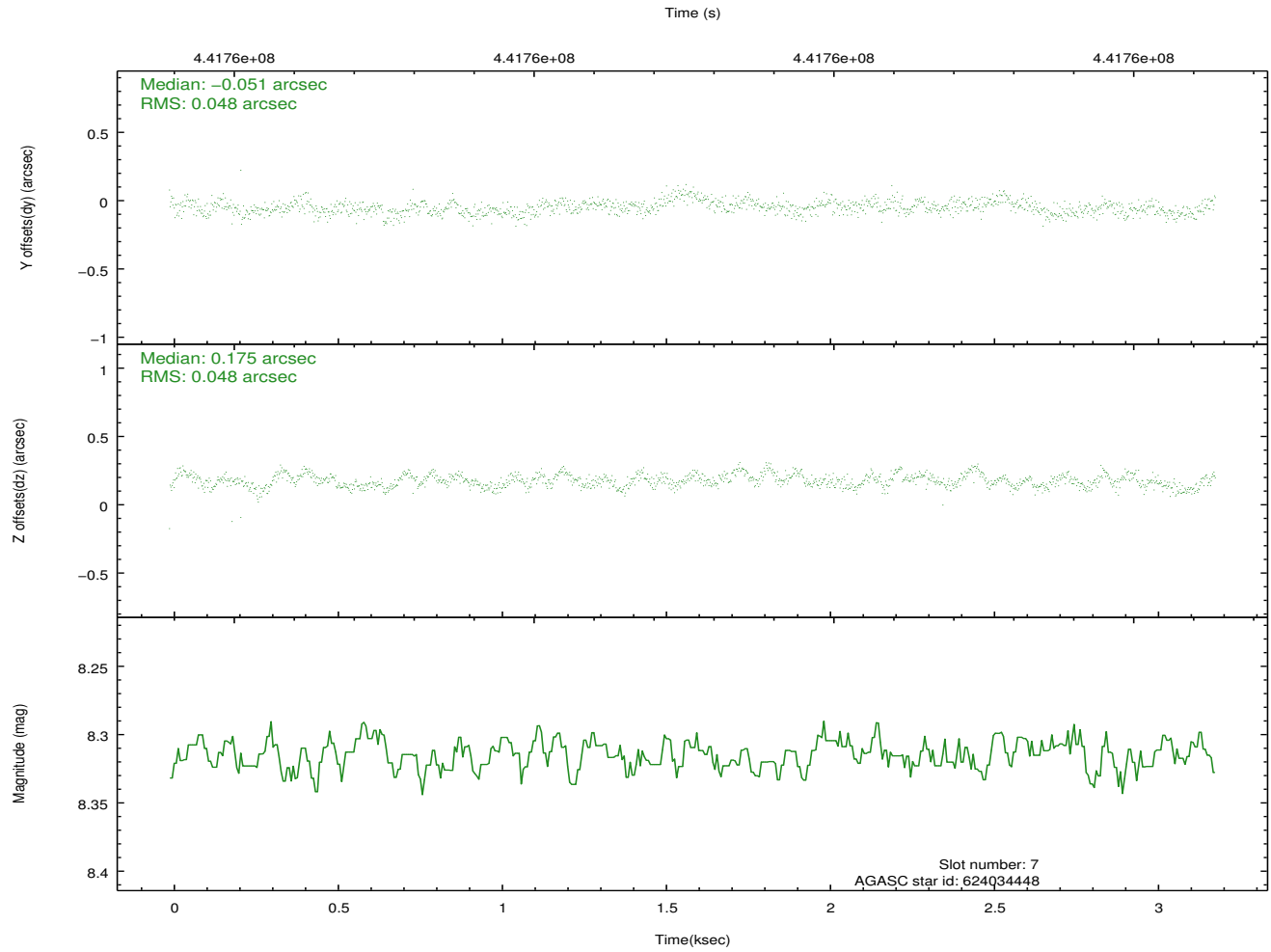
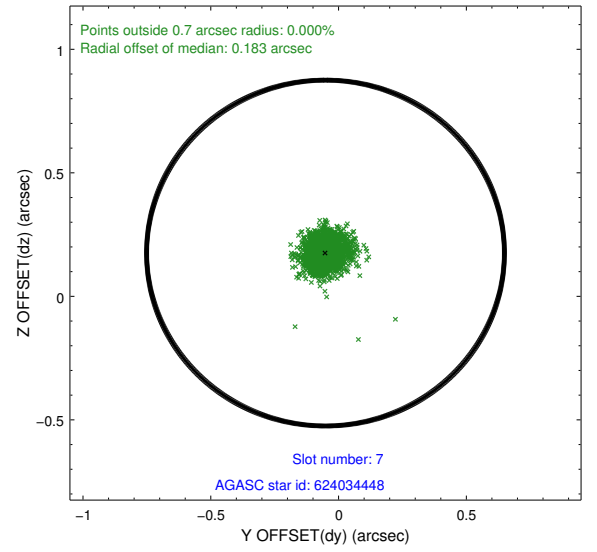
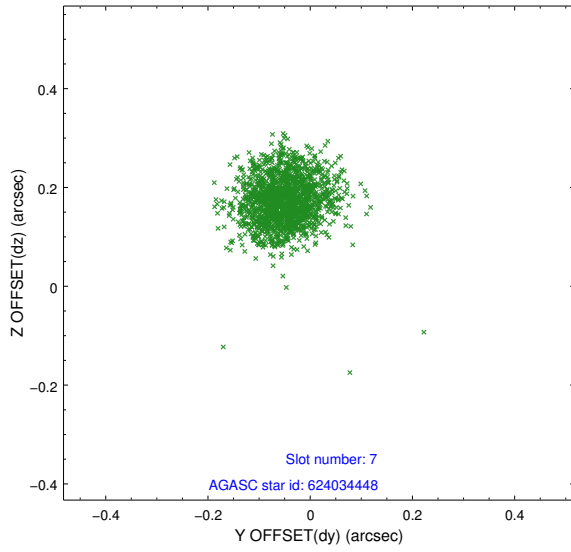
2.4.3 Slot 5



2.4.4 Slot 6

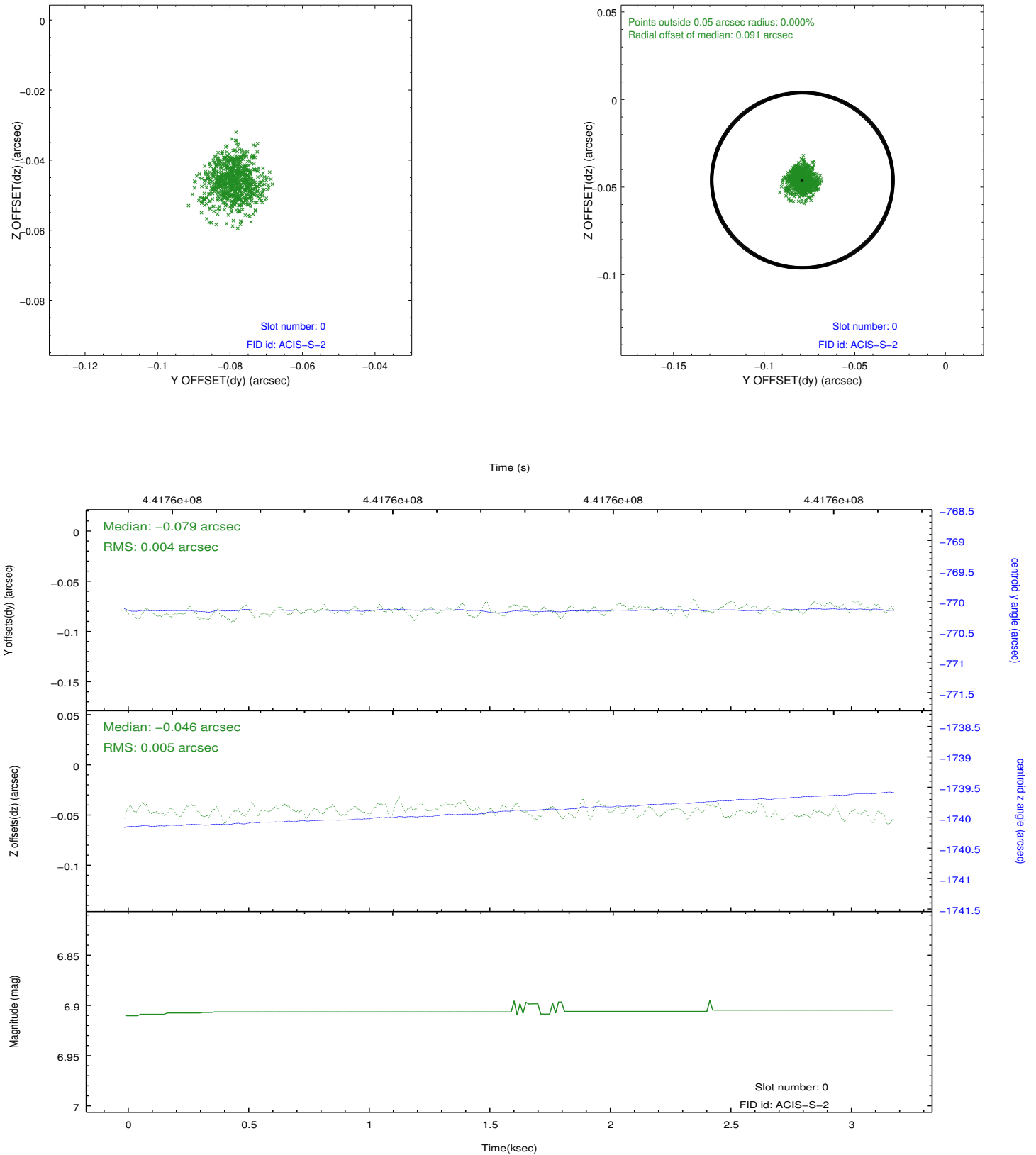


2.4.5 Slot 7

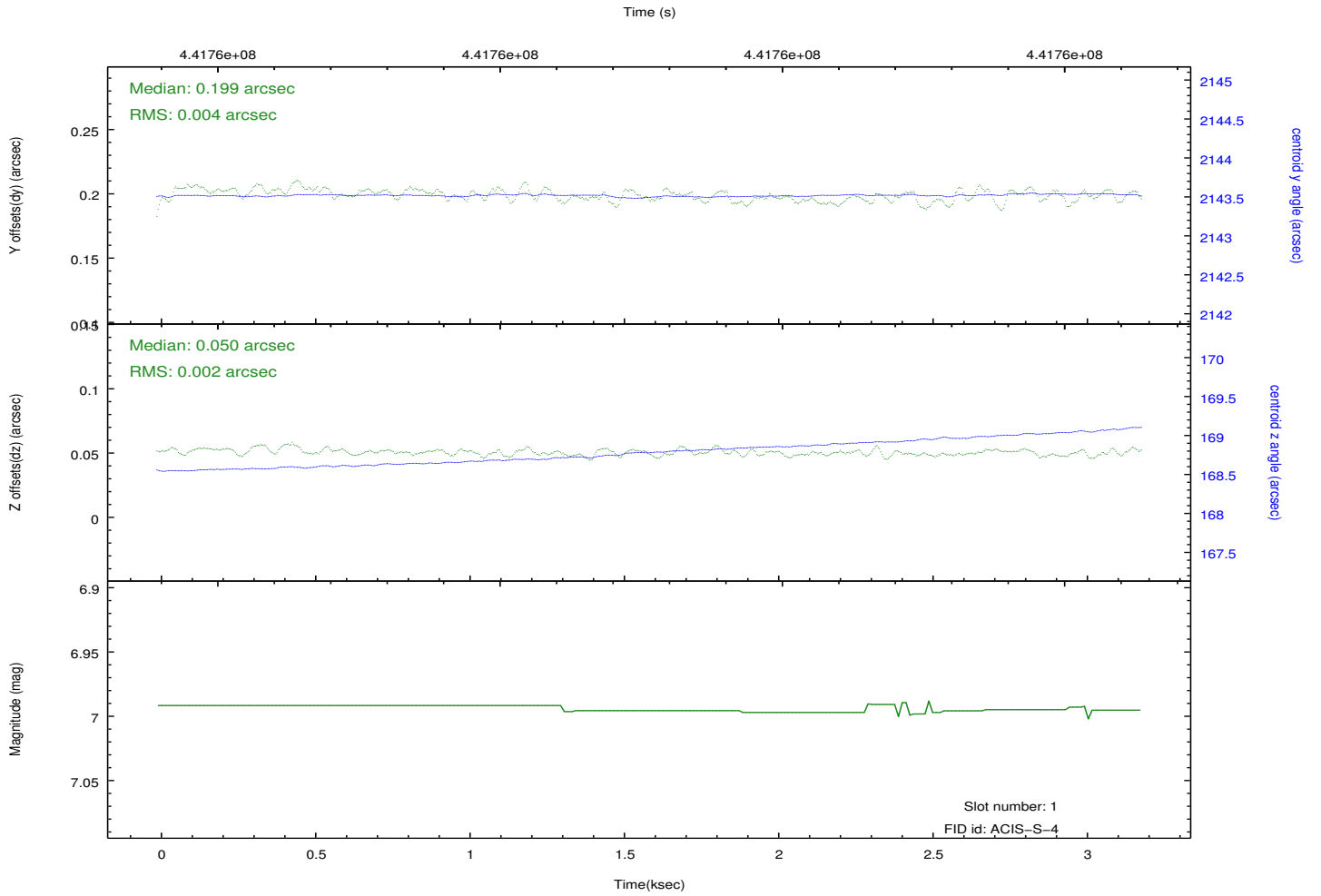
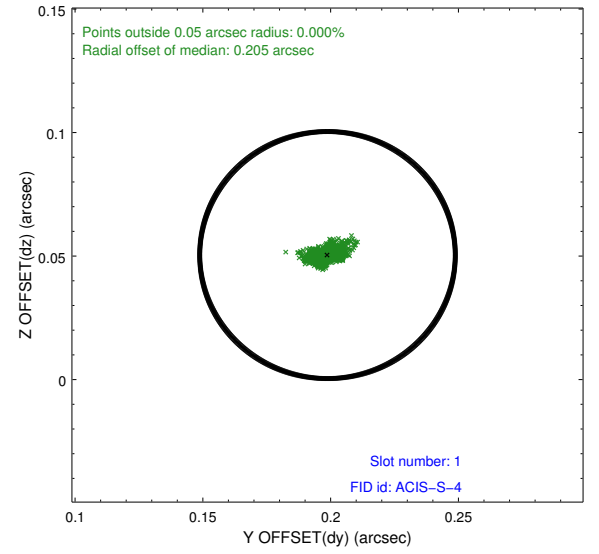
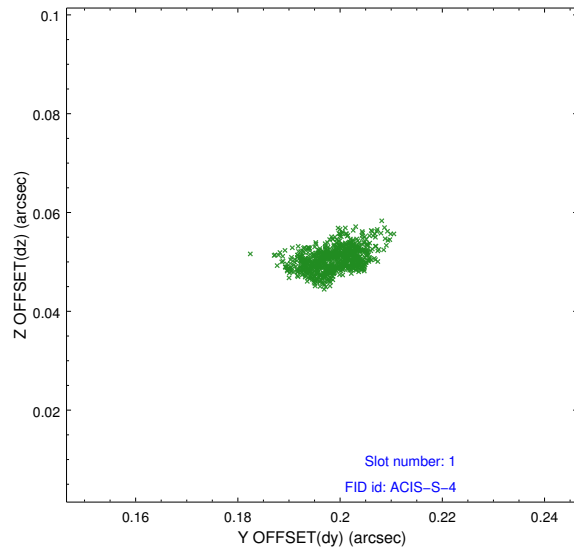


2.5 FID Slots

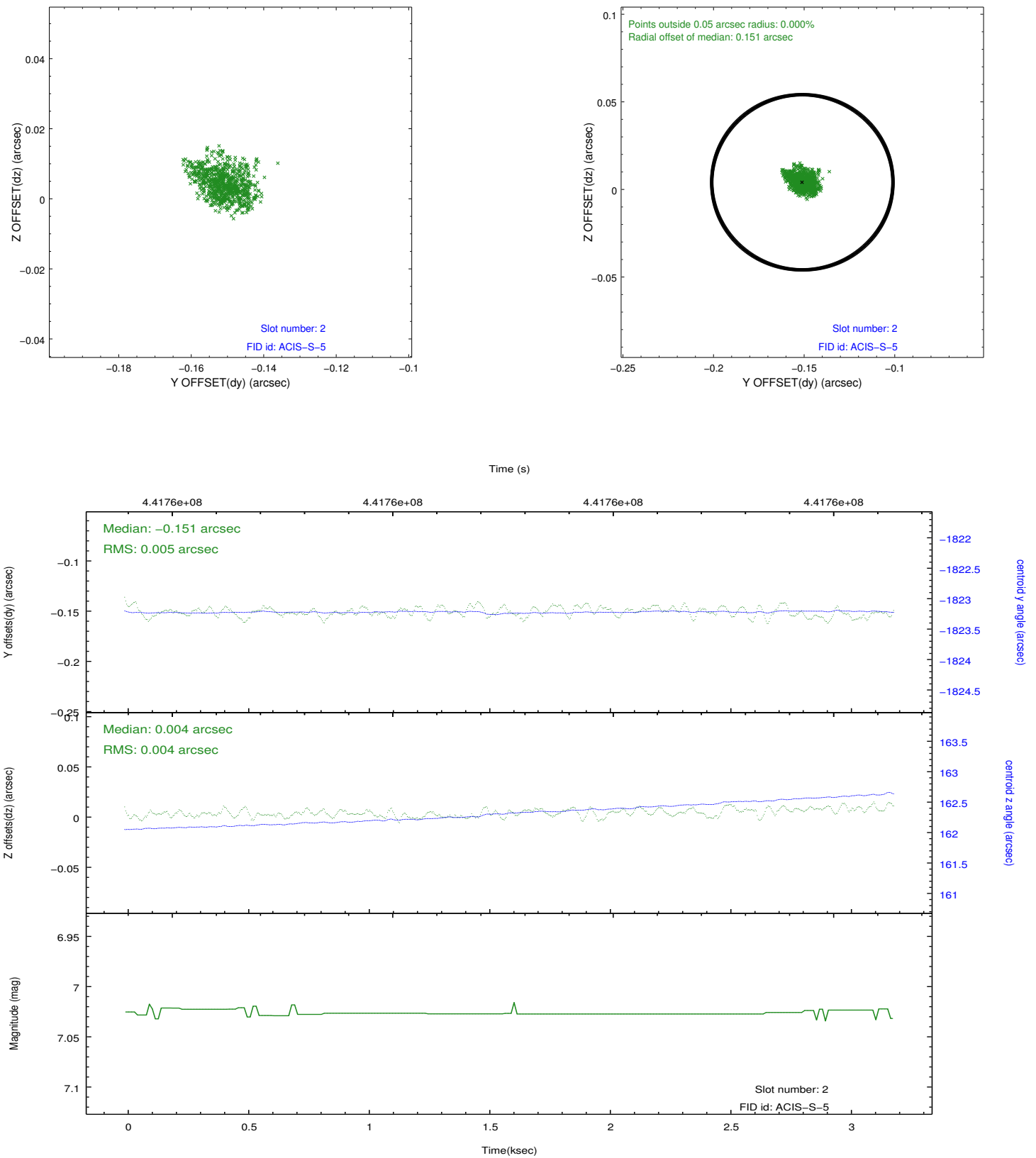
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.01.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.0083998206854

A.2 Comments