

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3552 - L2 Version 4
Chandra X-Ray Center

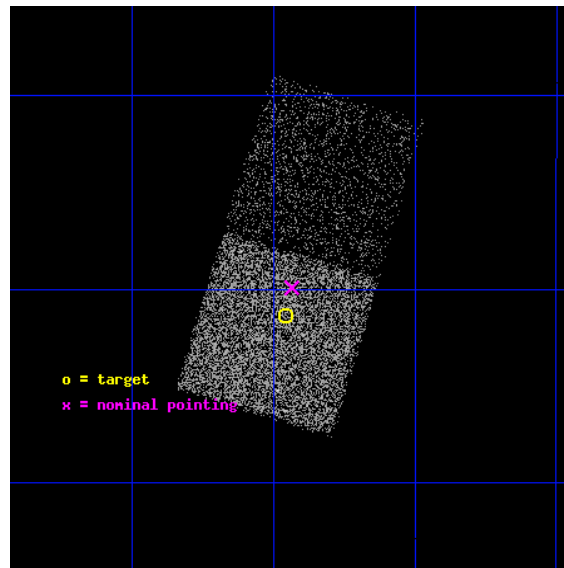
L2 Processing Date : Nov 1 2012

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1 Front

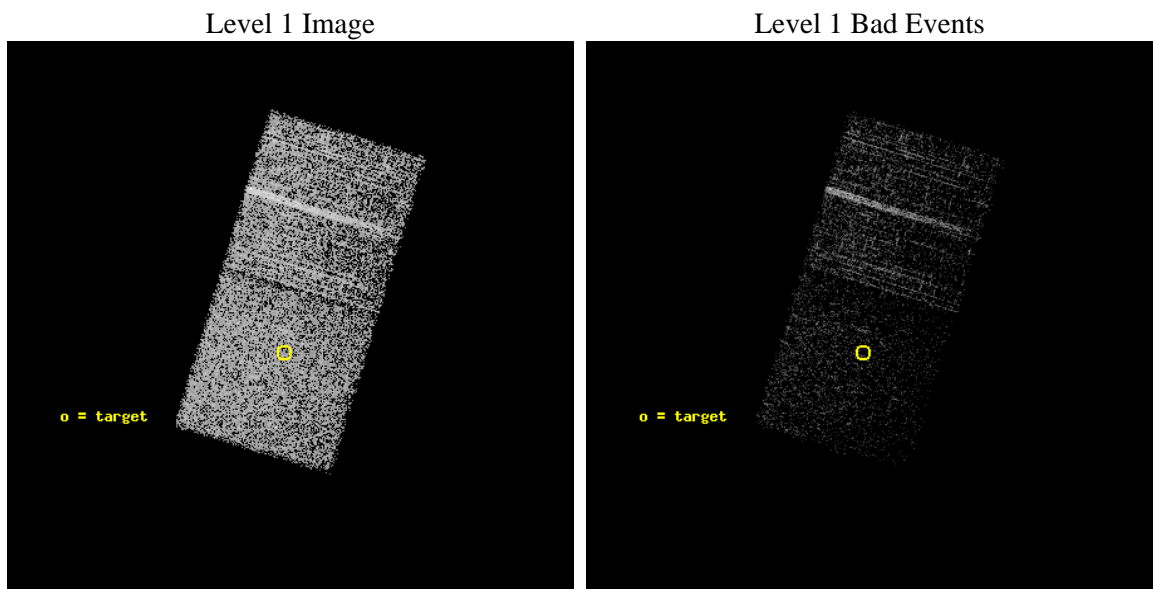
seq_num	600297	Sequence number
obs_id	3552	Observation id
title	IR EXCESS GALAXIES: YOUNG STARBURSTS OR BURIED AGN?	Proposal title
observer	Professor Gordon Garmire	Principal investigator
object	NGC 988	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	38.864167	Observer's specified target RA [deg]
dec_targ	-9.355556	Observer's specified target Dec [deg]
ra_nom	38.858756118901	Nominal RA [deg]
dec_nom	-9.3319722314582	Nominal Dec [deg]
roll_nom	107.00680309666	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5334.0	Sum of GTIs [s]
liveltime	5262.0156262331	Livetime [s]
ontime6	5330.9590297639	Sum of GTIs [s]
ontime7	5334.0	Sum of GTIs [s]
l2events	14134	Number of level 2 events



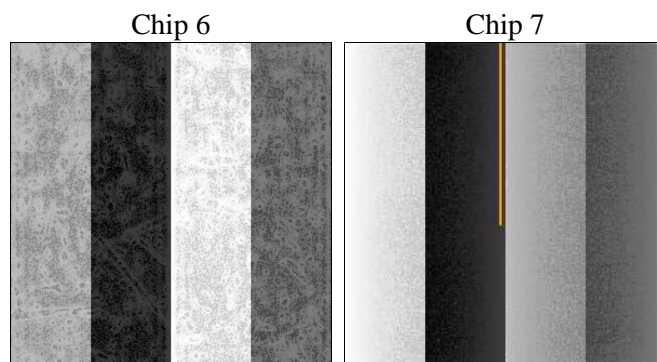
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5334.0	Sum of GTIs [s]
caldsver	4.5.2	 	ontime6	5330.9590297639	Sum of GTIs [s]
date	2012-11-01T10:32:30	Date and time of file creation	ontime7	5334.0	Sum of GTIs [s]
revision	4	Processing version of data	l1events	52356	Number of level 1 events

2.1.4 Events

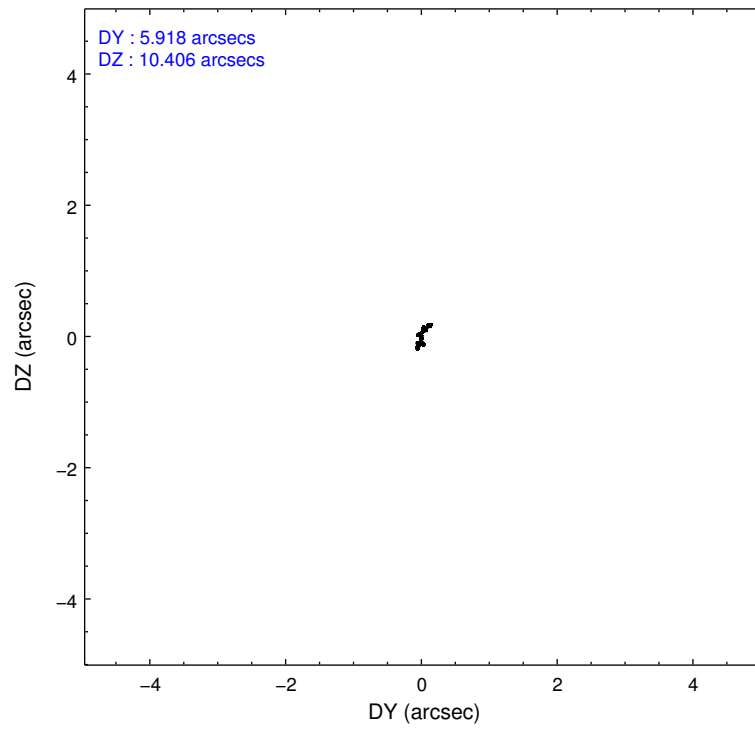
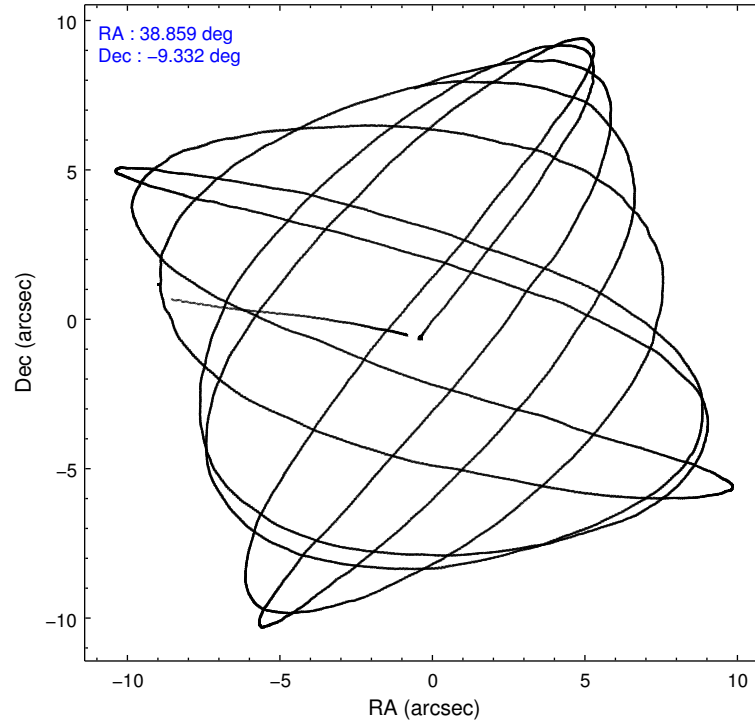
	ccd 6	ccd 7
level 1 events	27048	25308
rejected events	24418	13012
rejected %	90%	51%

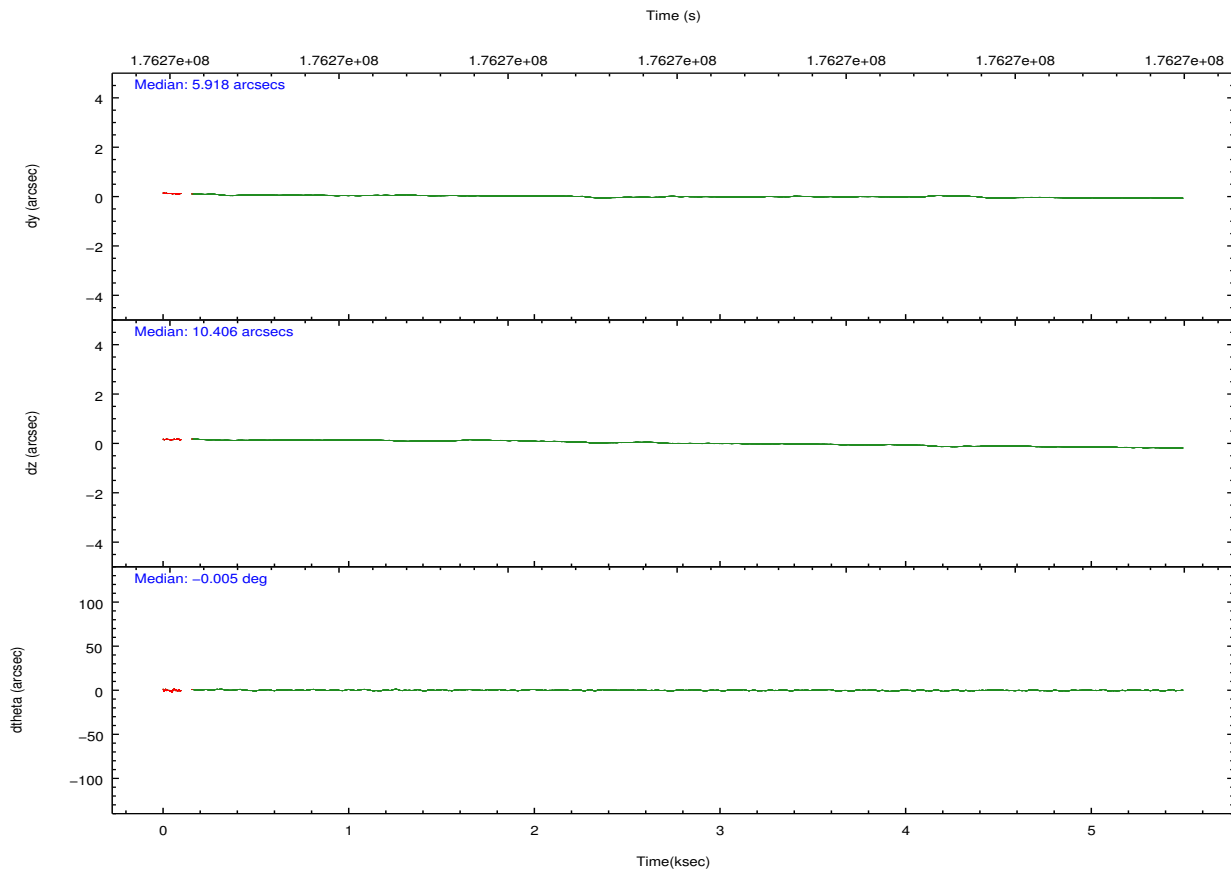
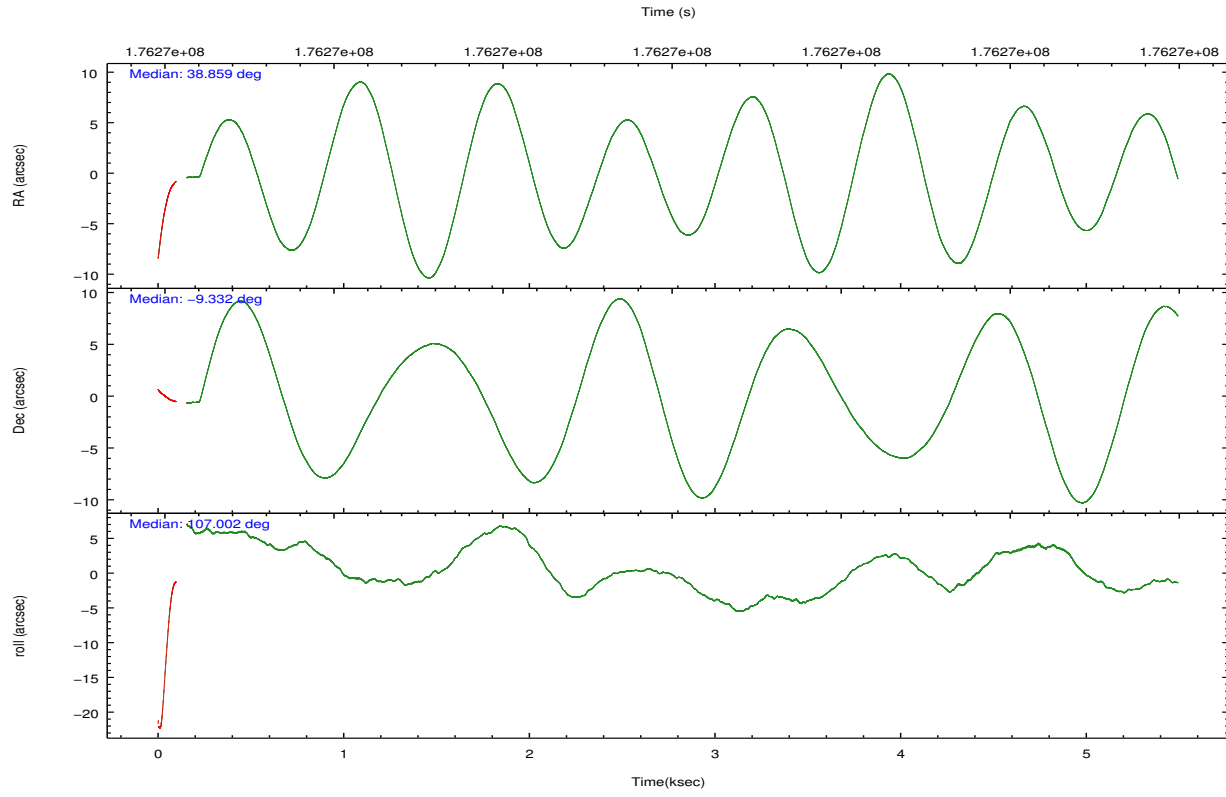
	ccd 6	ccd 7
grade 0 events	947	1249
	3%	4%
grade 1 events	11	27
	0%	0%
grade 2 events	560	2612
	2%	10%
grade 3 events	329	1308
	1%	5%
grade 4 events	310	1216
	1%	4%
grade 5 events	845	2757
	3%	10%
grade 6 events	560	6331
	2%	25%
grade 7 events	23486	9808
	86%	38%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-67	ACIS-67	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	38.879167	38.85875611890128	Subarray requested	NONE	NONE
[deg] Pointing Dec	-9.350370	-9.331972231458199	Alternating exposures requested	N	N
[deg] Pointing Roll	106.853567	107.0068030966573	[s] Primary exposure time	0.000000	3
[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)	176267725.184000	176266610.54881			
Observation start date	2003-08-03T03:14:21	2003-08-03T02:56:50			
[s] Observation end time (MET)	176272725.184000	176273130.06159			
Observation end date	2003-08-03T04:37:41	2003-08-03T04:45:30			
Read mode	TIMED	TIMED			

2.3 Aspect



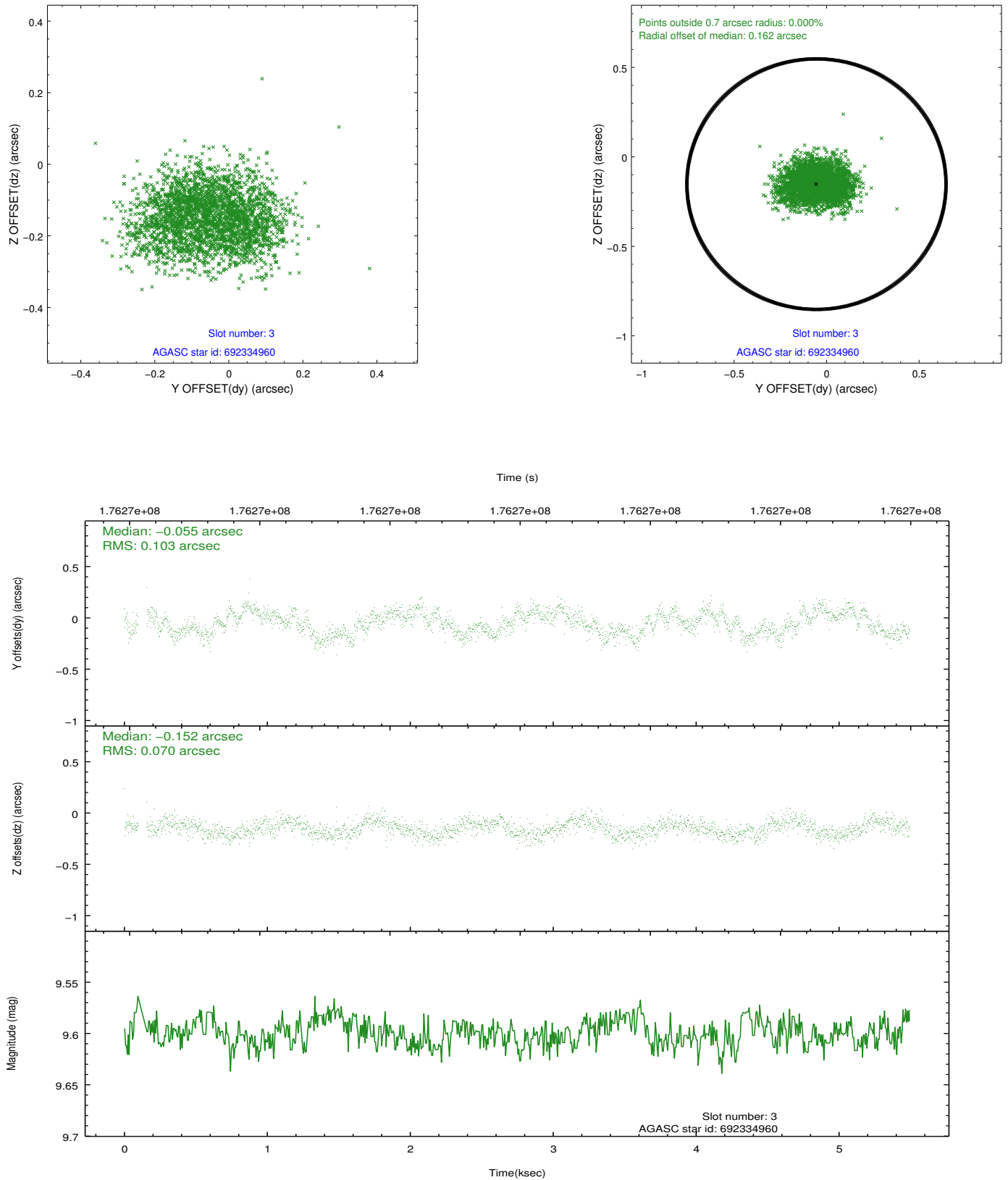


Slot Statistics

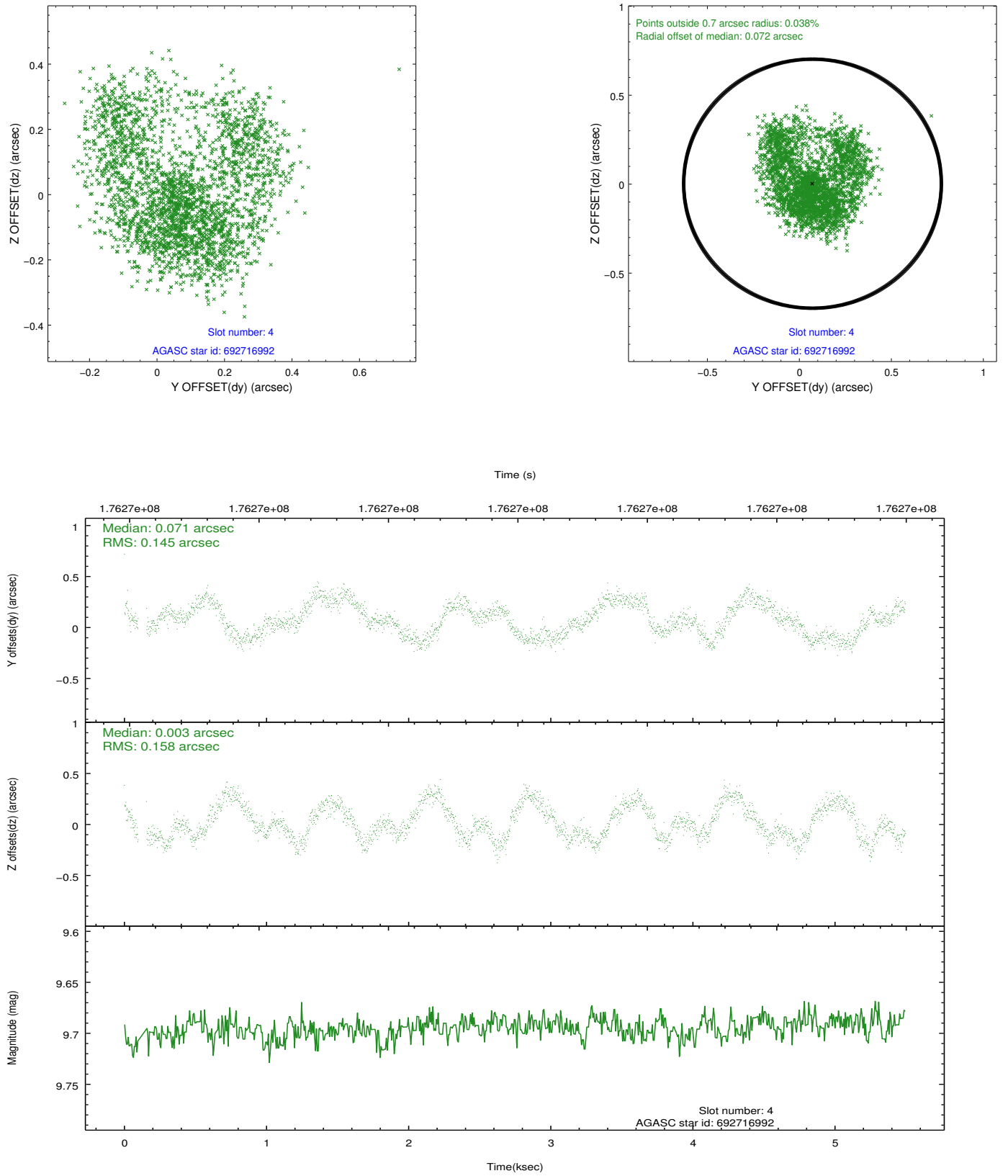
	status	id	mag	n_pts	med_dy	med_dz	drl
	FID	ACIS-S-1	7.17	1326	0.012	-0.043	0.008
	FID	ACIS-S-5	7.23	1326	-0.061	-0.001	0.006
	FID	ACIS-S-6	7.34	1326	0.027	0.056	0.009
	GUIDE	692334960	9.60	2650	-0.055	-0.152	0.134
	GUIDE	692716992	9.69	2652	0.071	0.003	0.240
	GUIDE	692717408	9.92	2647	-0.099	0.089	0.128
	GUIDE	692724008	9.54	2650	0.080	0.050	0.113
0.0000.0000.0000.0000000.00000000.000.00							

2.4 Star Slots

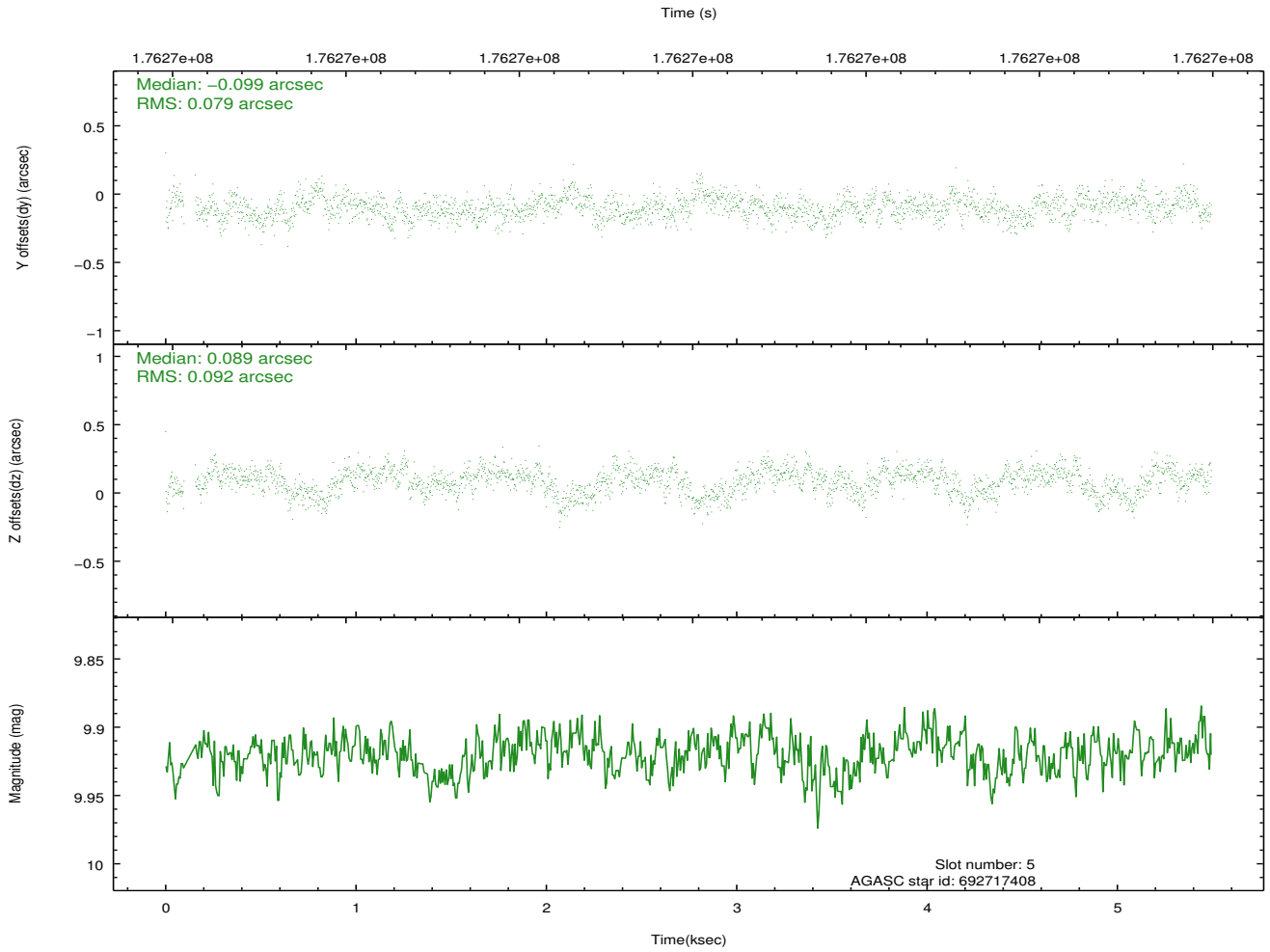
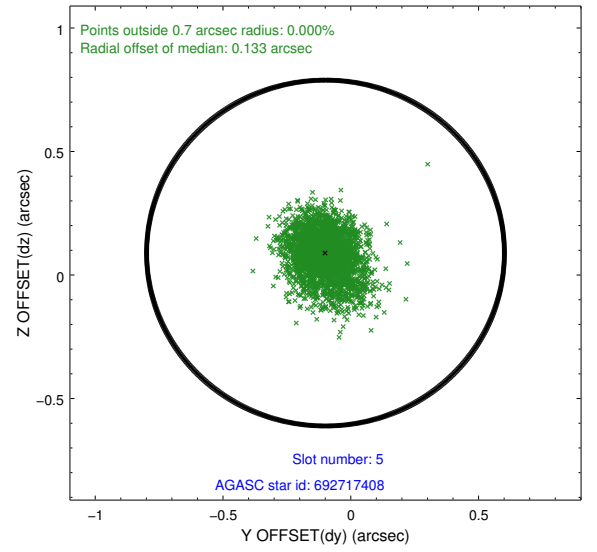
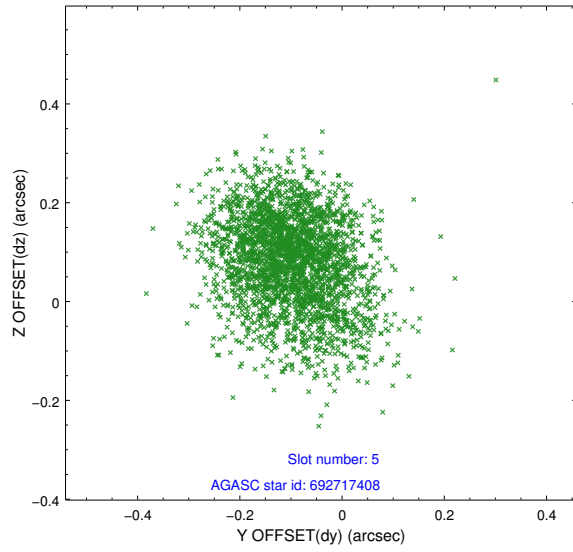
2.4.1 Slot 3



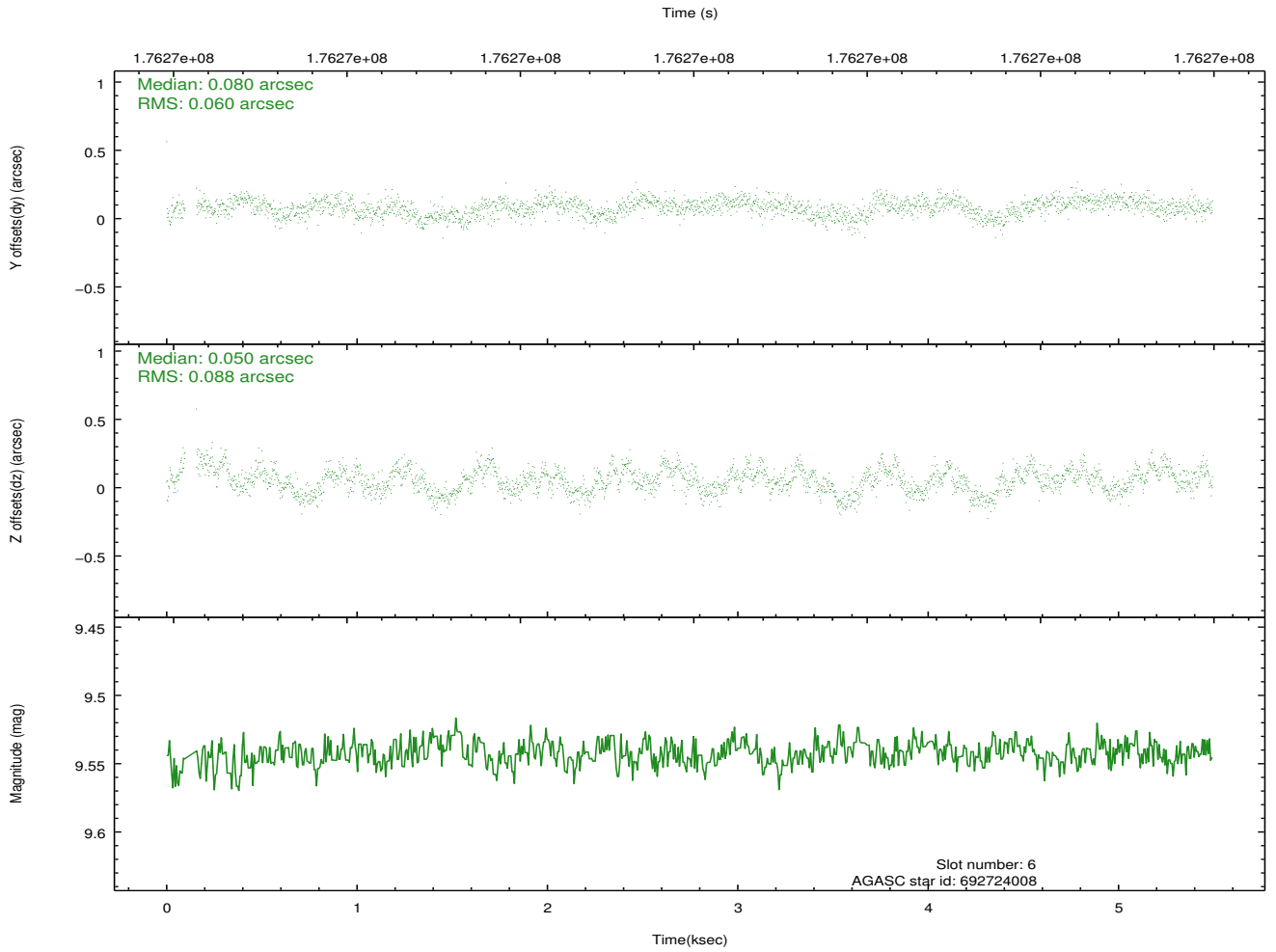
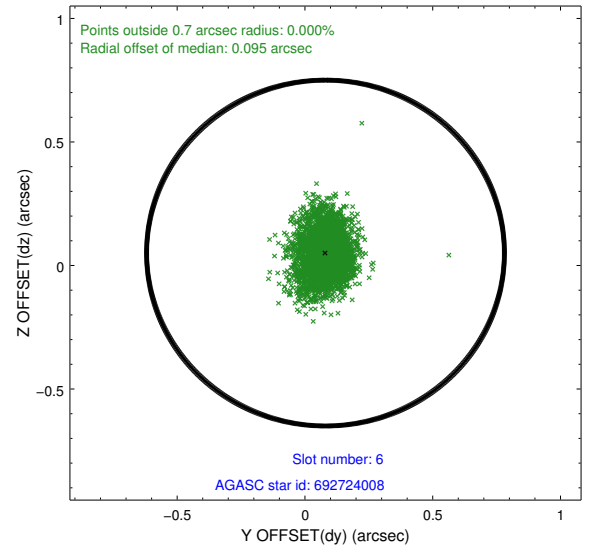
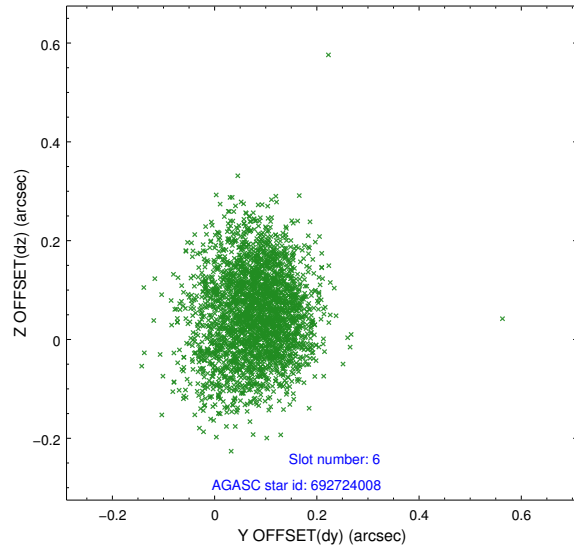
2.4.2 Slot 4



2.4.3 Slot 5

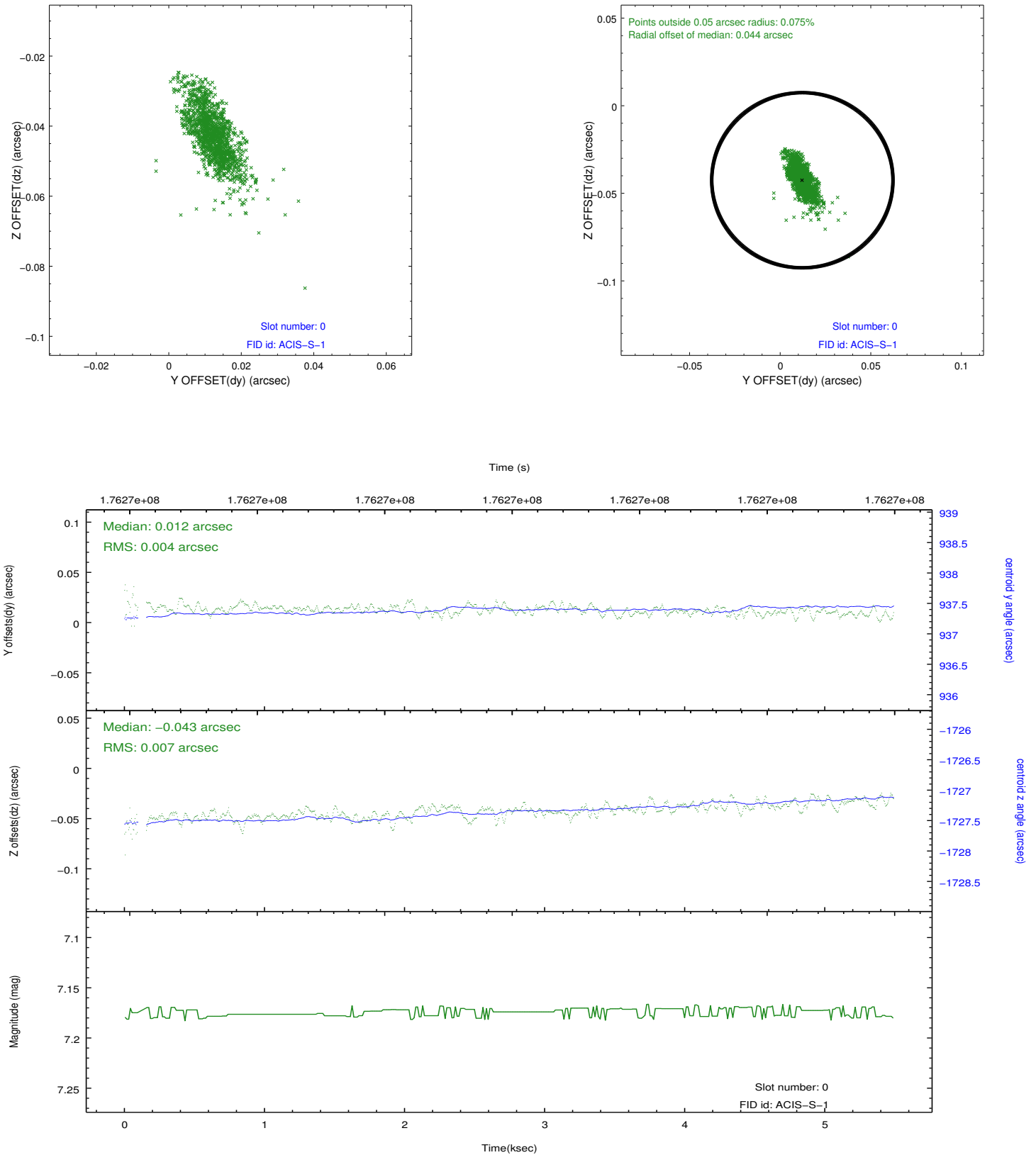


2.4.4 Slot 6

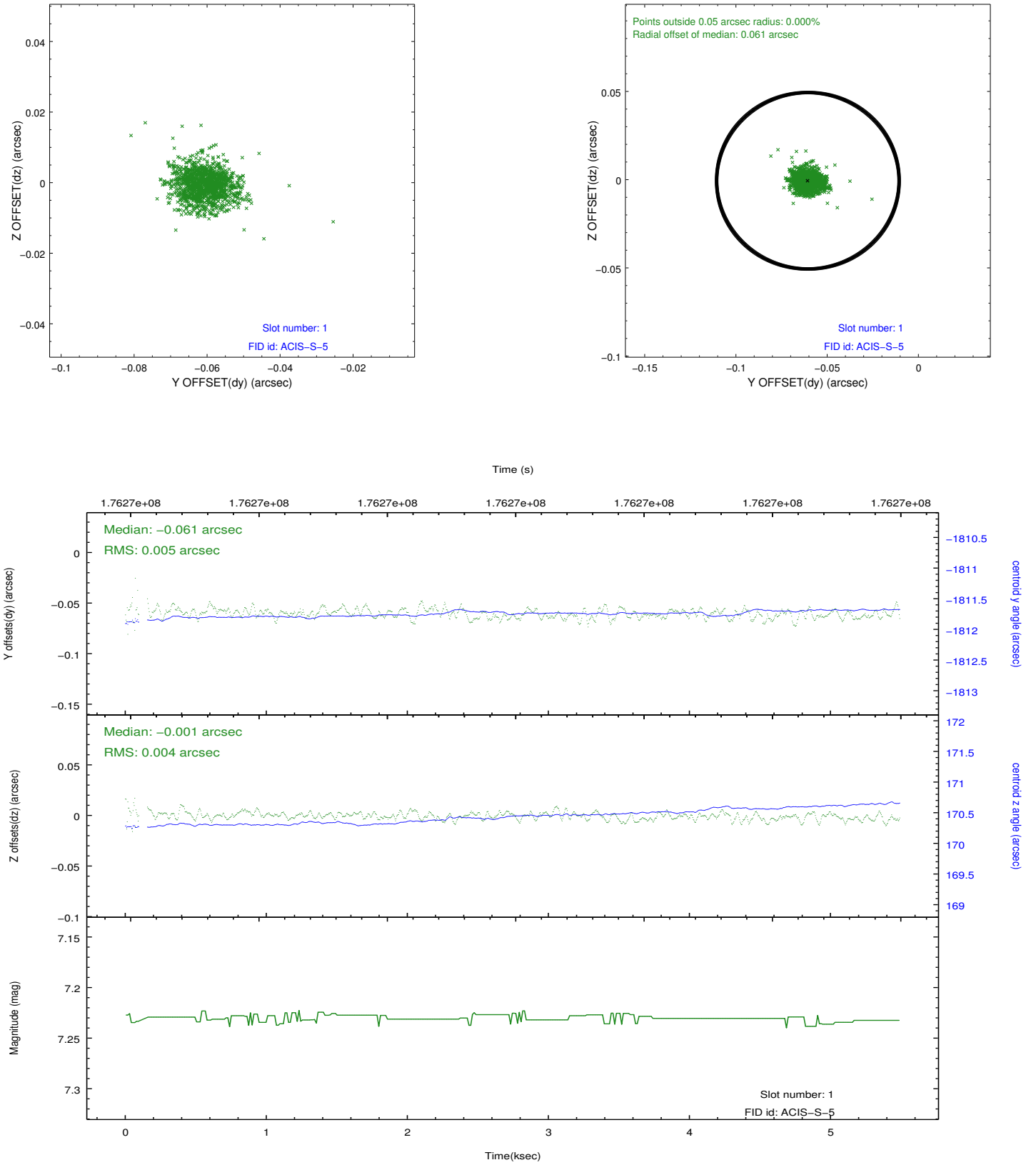


2.5 FID Slots

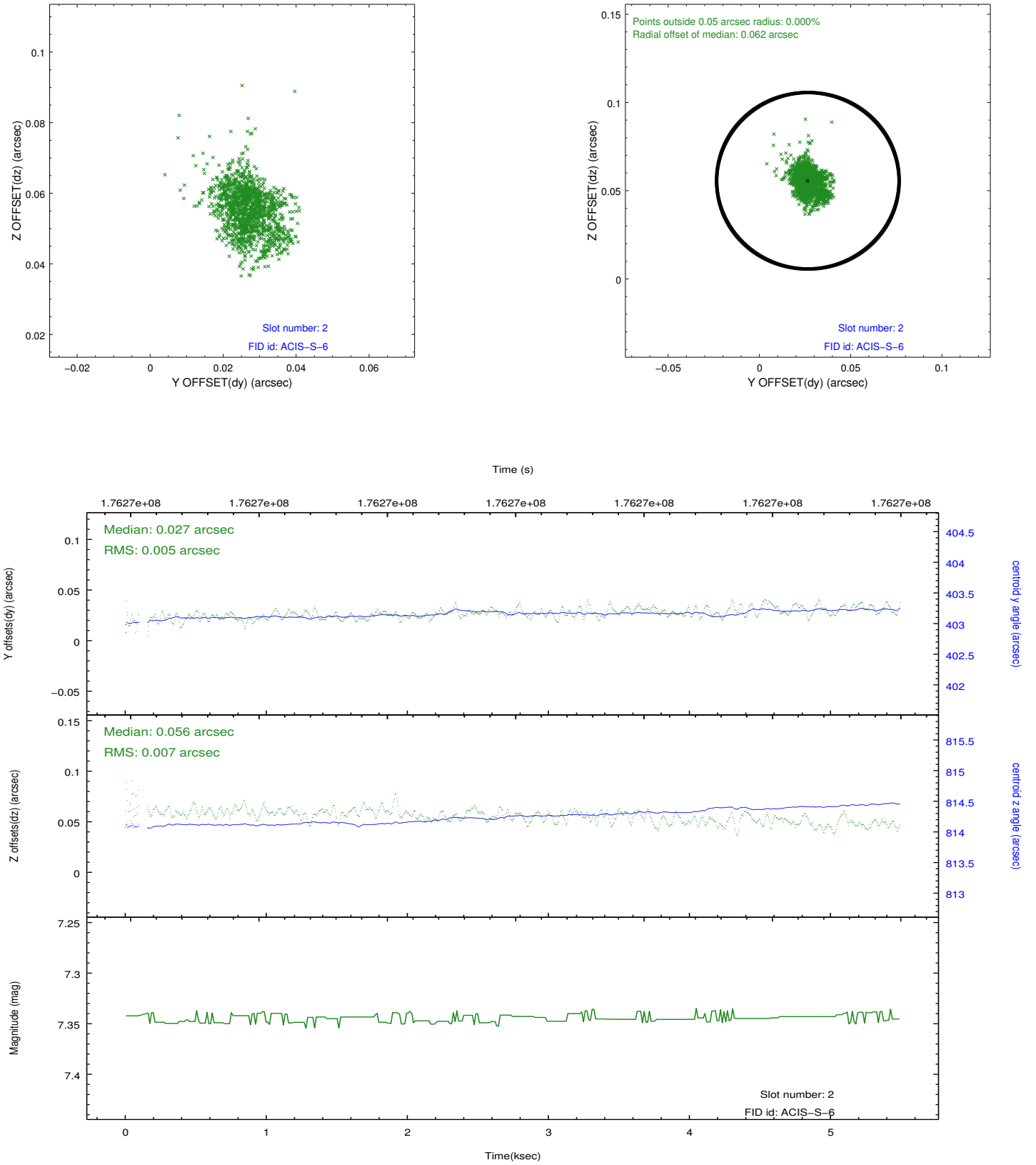
2.5.1 Slot 0



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)	2012.11.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.334

A.2 Comments