

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 865 - L2 Version 4
Chandra X-Ray Center

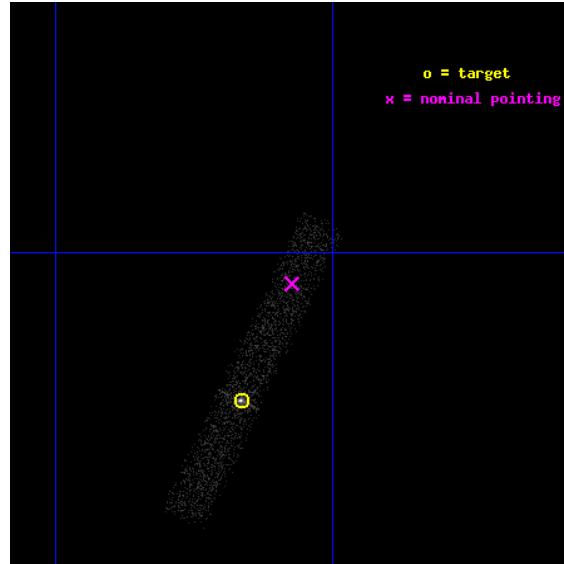
L2 Processing Date : Aug 30 2012

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1 Front

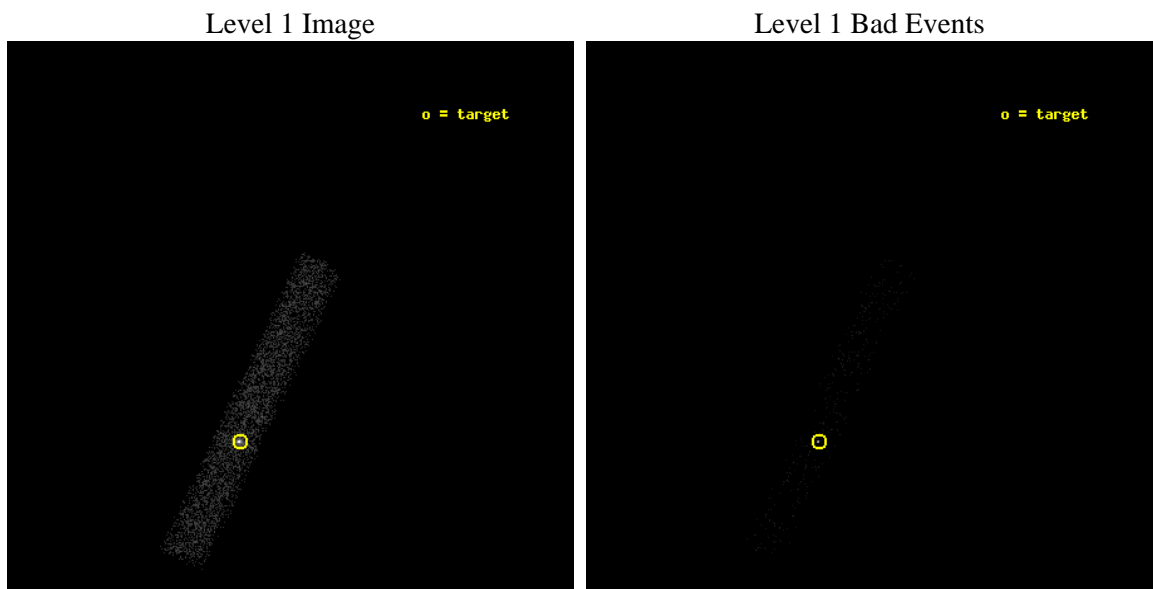
seq_num	700170	Sequence number
obs_id	865	Observation id
title	X-RAY ABSORPTION IN MODERATE REDSHIFT DAMPED LYMAN ALPHA GALAXIES	
observer	Dr. Jill Bechtold	Principal investigator
object	Q0054+144	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	14.290833	Observer's specified target RA [deg]
dec_targ	14.769917	Observer's specified target Dec [deg]
ra_nom	14.268399915021	Nominal RA [deg]
dec_nom	14.819784523978	Nominal Dec [deg]
roll_nom	115.50294885377	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5138.0000765622	Sum of GTIs [s]
livetime	4659.8948635608	Livetime [s]
ontime7	5138.0000765622	Sum of GTIs [s]
l2events	8935	Number of level 2 events



2 OBI

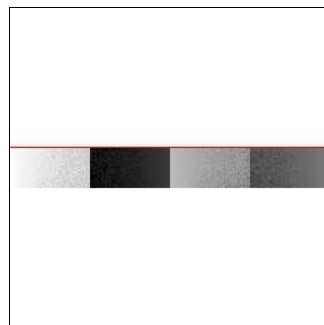
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5138.0000765622	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime7	5138.0000765622	Sum of GTIs [s]
date	2012-08-30T21:09:47	Date and time of file creation	l1events	13099	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

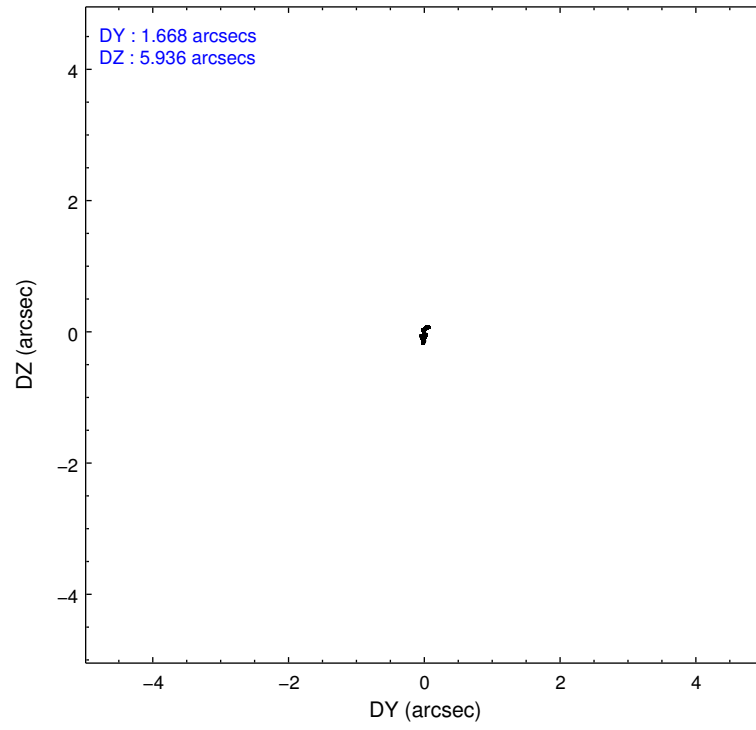
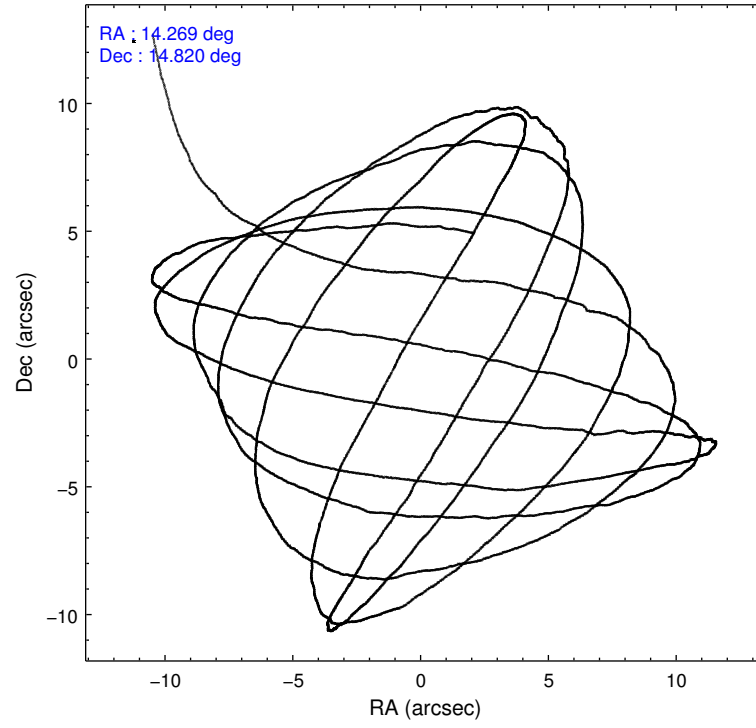
	ccd 7
level 1 events	13099
rejected events	4055
rejected %	30%

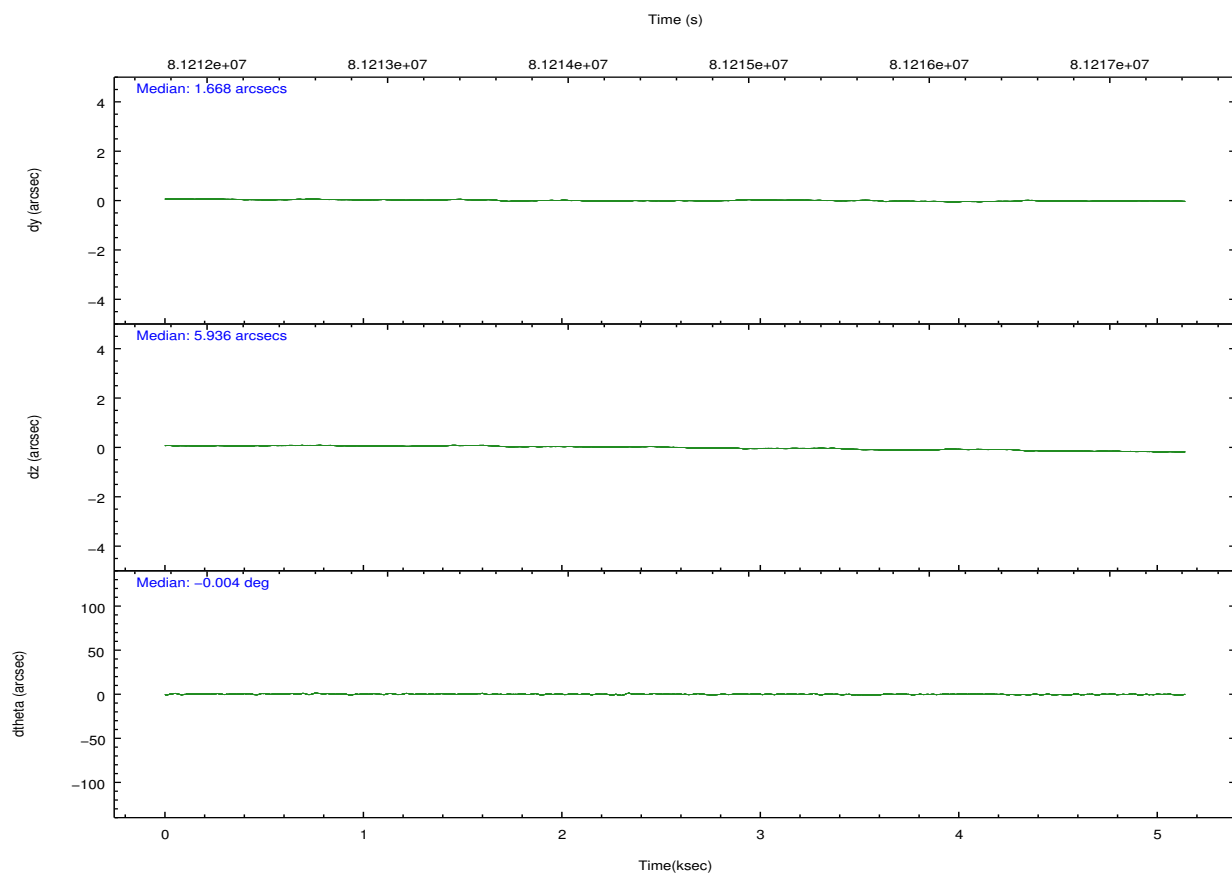
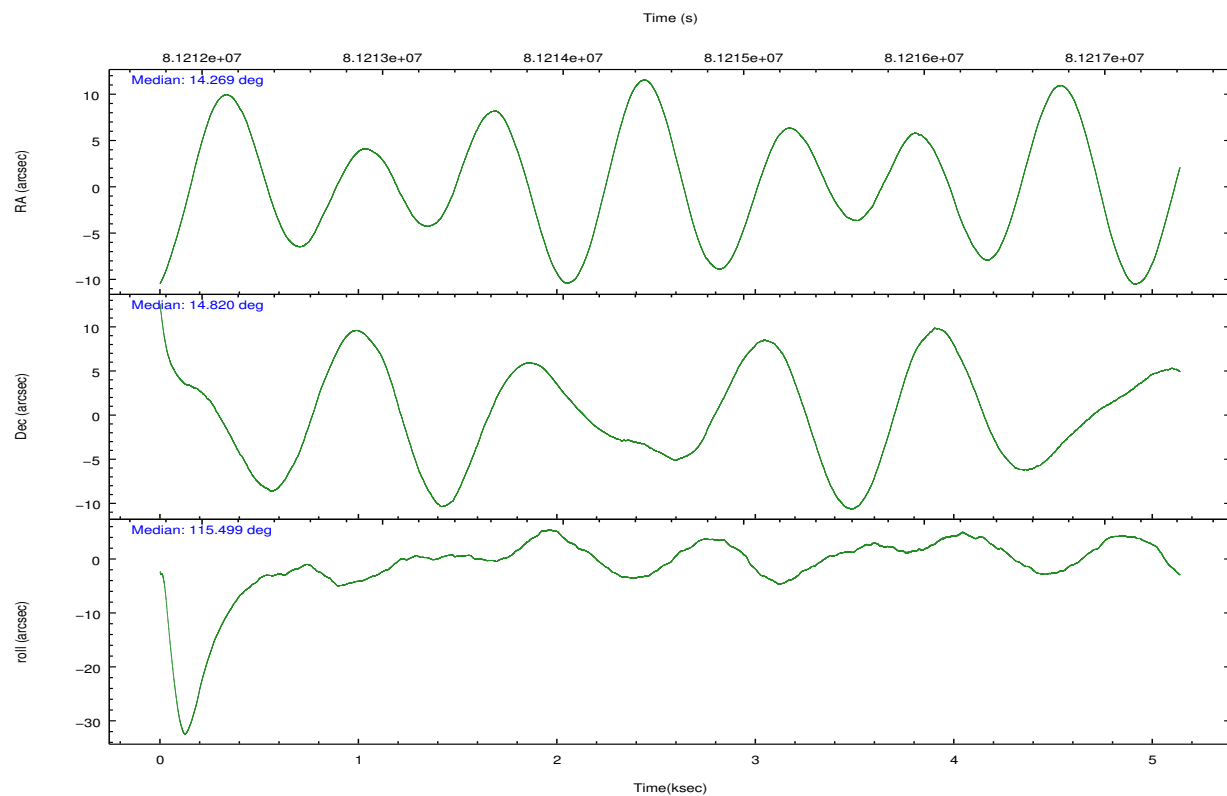
	ccd 7
grade 0 events	2836
	21%
grade 1 events	101
	0%
grade 2 events	2318
	17%
grade 3 events	1115
	8%
grade 4 events	1098
	8%
grade 5 events	706
	5%
grade 6 events	2419
	18%
grade 7 events	2506
	19%

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	14.291901	14.26839991502136	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	14.804335	14.81978452397835	Subarray start row	449	449
[deg] Pointing Roll	115.340225	115.5029488537746	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	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	81212163.184000	81211173.52908701			
Observation start date	2000-07-28T22:54:59	2000-07-28T22:39:33			
[s] Observation end time (MET)	81217163.184000	81217674.591829			
Observation end date	2000-07-29T00:18:19	2000-07-29T00:27:54			
Read mode	TIMED	TIMED			

2.3 Aspect



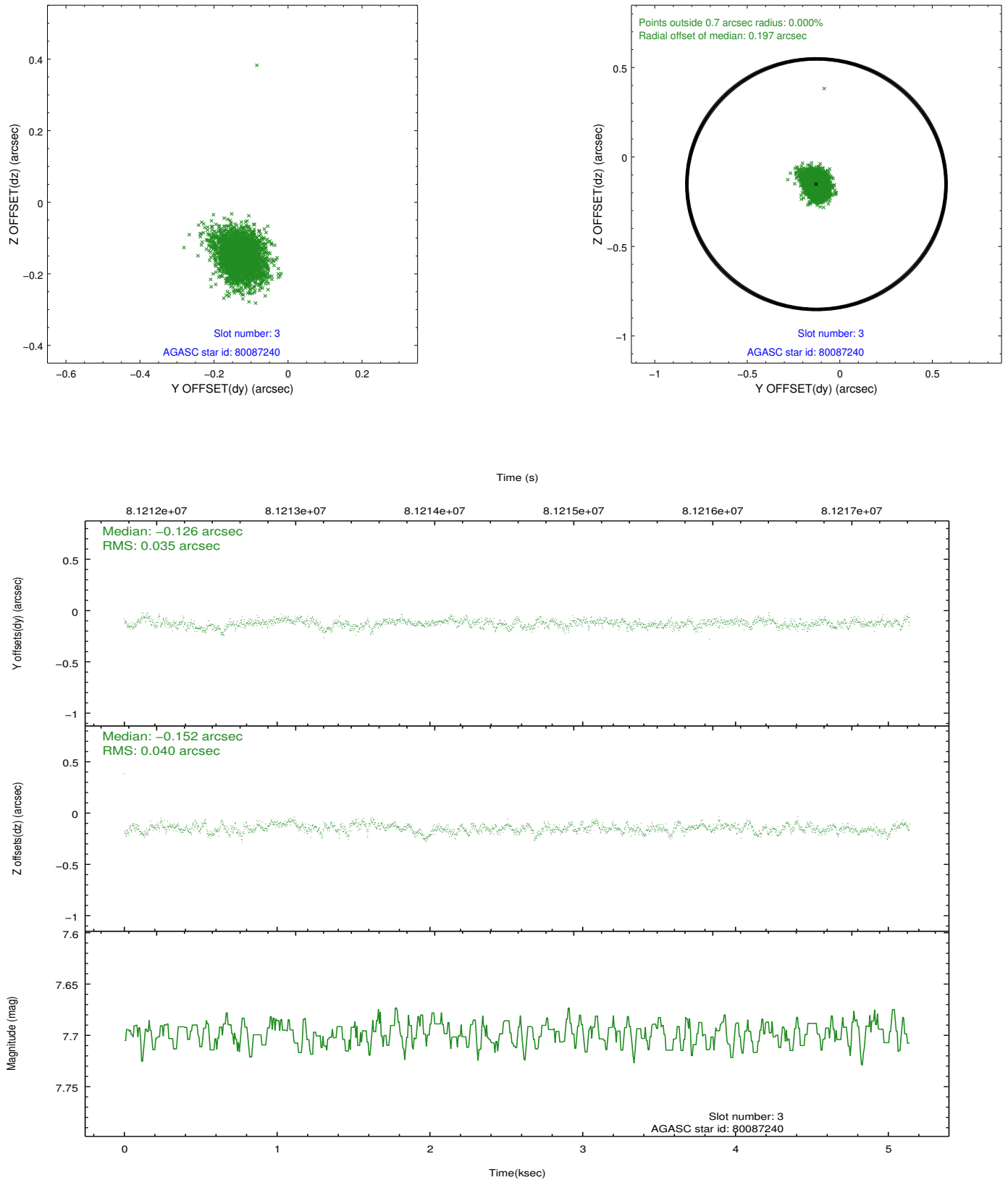


Slot Statistics

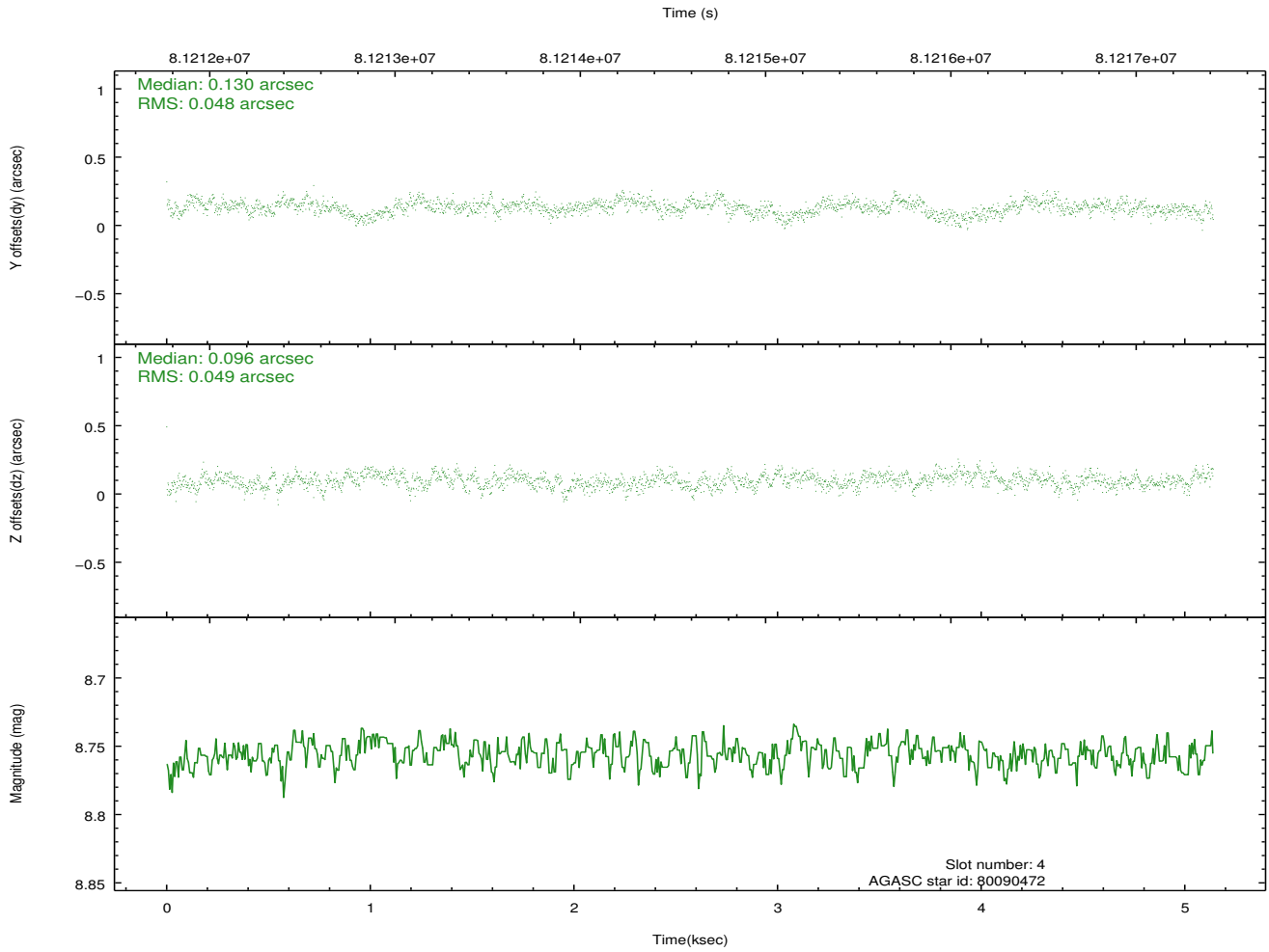
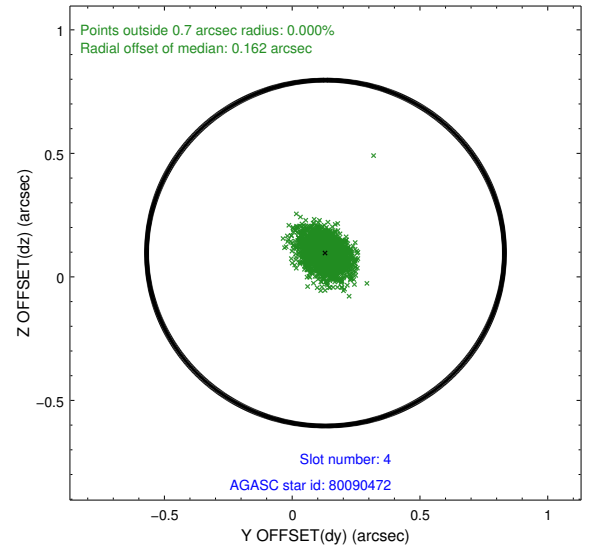
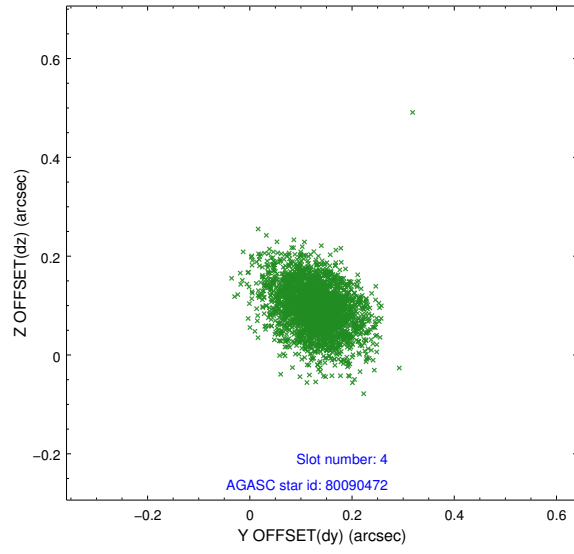
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1254	-0.038	0.007	0.006	0.010	0.000000	0.000000	-754.31	-1727.05
1	FID	ACIS-S-4	7.21	1254	-0.016	0.016	0.005	0.010	0.000000	0.000000	2158.45	180.25
2	FID	ACIS-S-5	7.23	1254	0.023	-0.015	0.006	0.011	0.000000	0.000000	-1805.58	175.20
3	GUIDE	80087240	7.70	2508	-0.126	-0.152	0.055	0.092	14.177473	14.776160	78.93	403.60
4	GUIDE	80090472	8.76	2507	0.130	0.096	0.072	0.120	14.766973	14.735348	-930.34	-1388.76
5	GUIDE	155857664	9.05	2508	-0.136	0.091	0.080	0.140	14.332572	15.191474	1198.87	-724.20
6	GUIDE	155856184	8.95	2508	-0.015	-0.176	0.065	0.105	14.109190	15.010402	943.24	256.56
7	GUIDE	80090200	9.32	2507	0.158	0.148	0.094	0.180	14.933958	14.609580	-1587.25	-1722.27

2.4 Star Slots

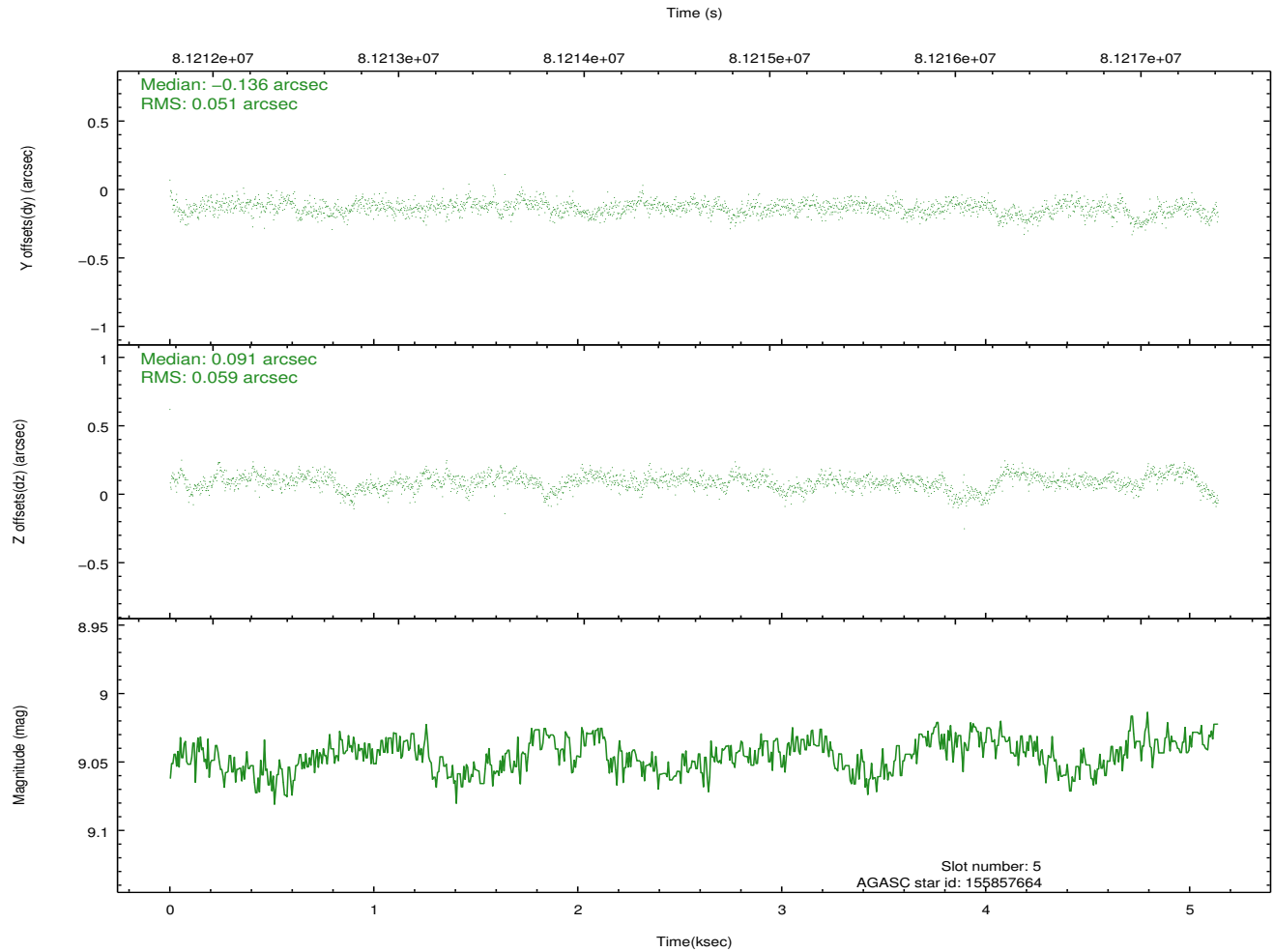
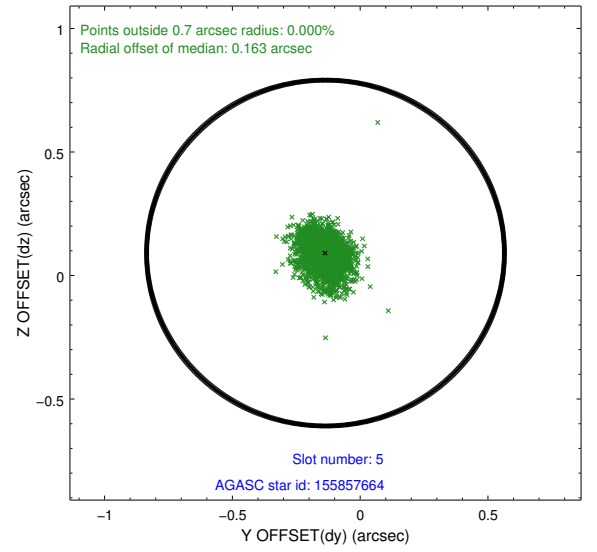
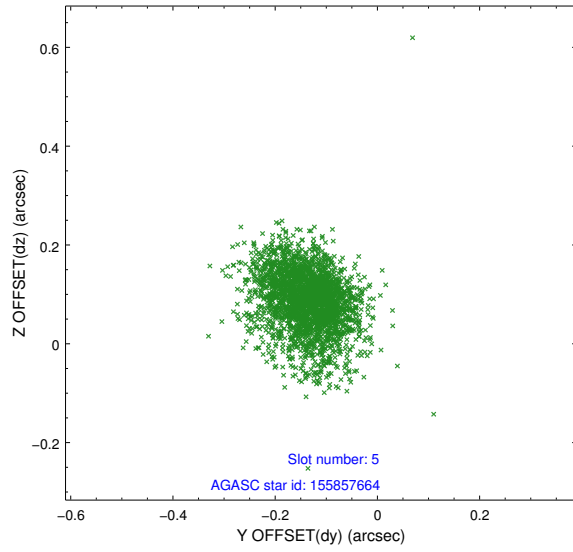
2.4.1 Slot 3



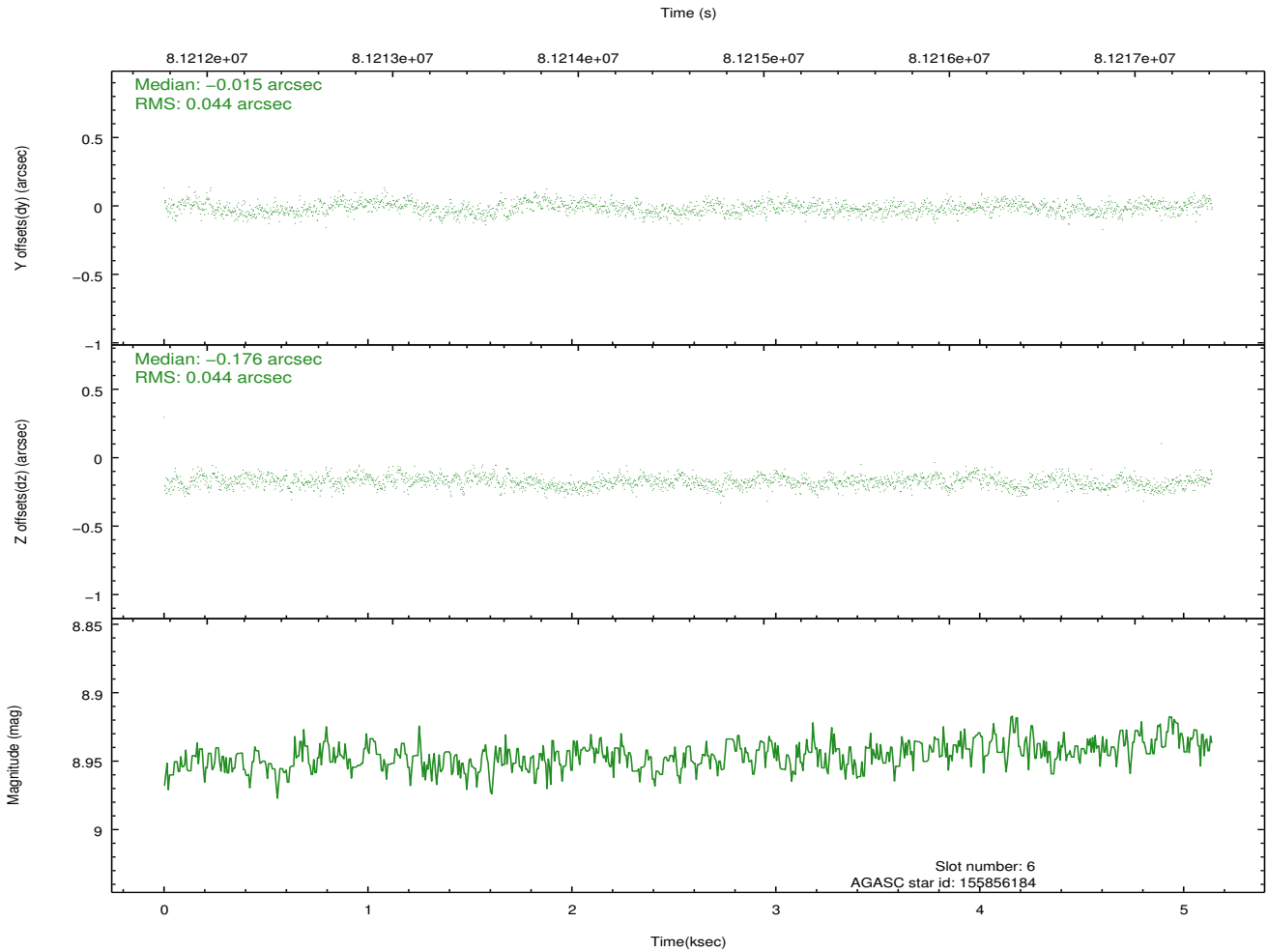
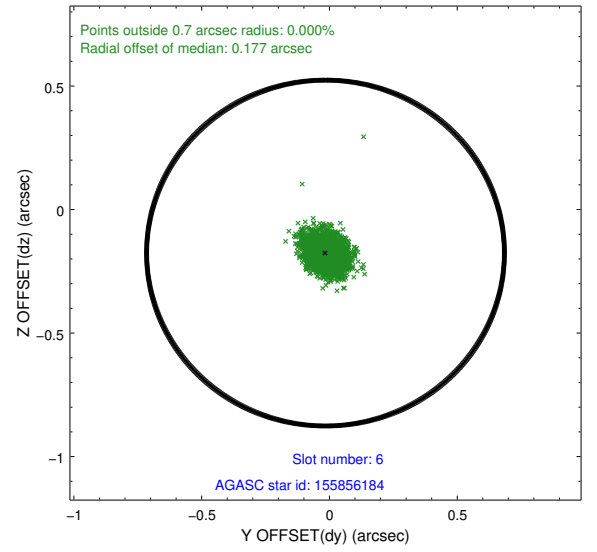
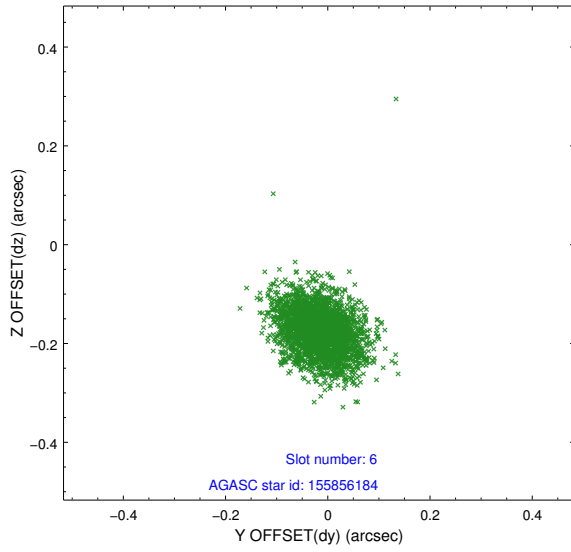
2.4.2 Slot 4



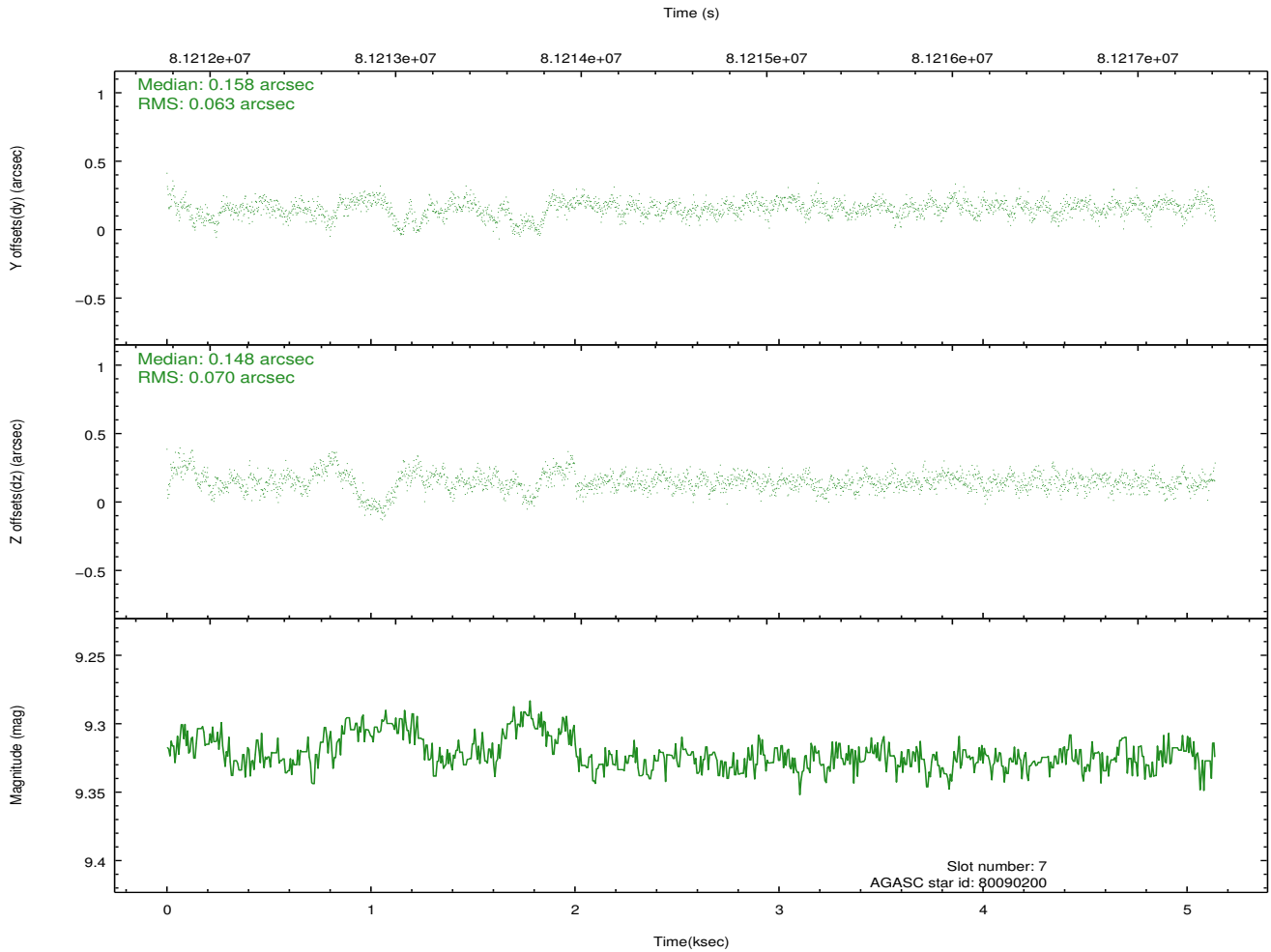
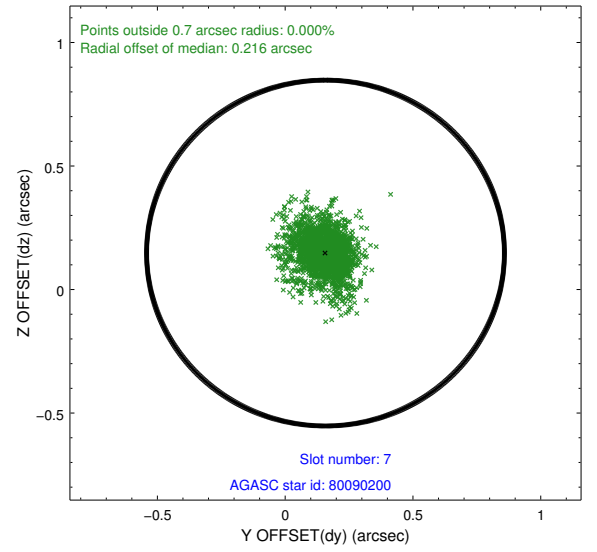
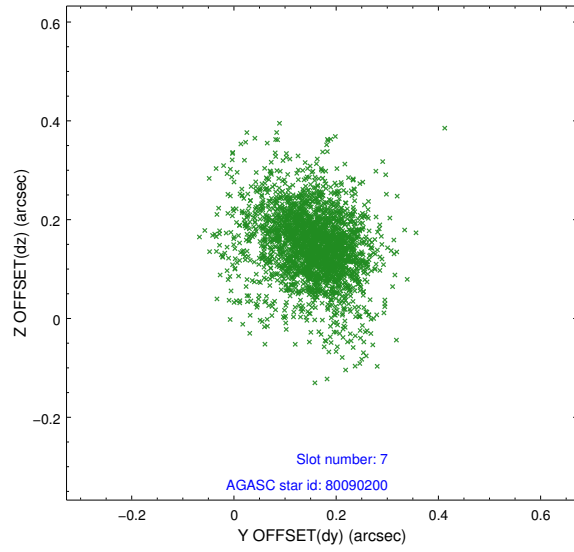
2.4.3 Slot 5



2.4.4 Slot 6

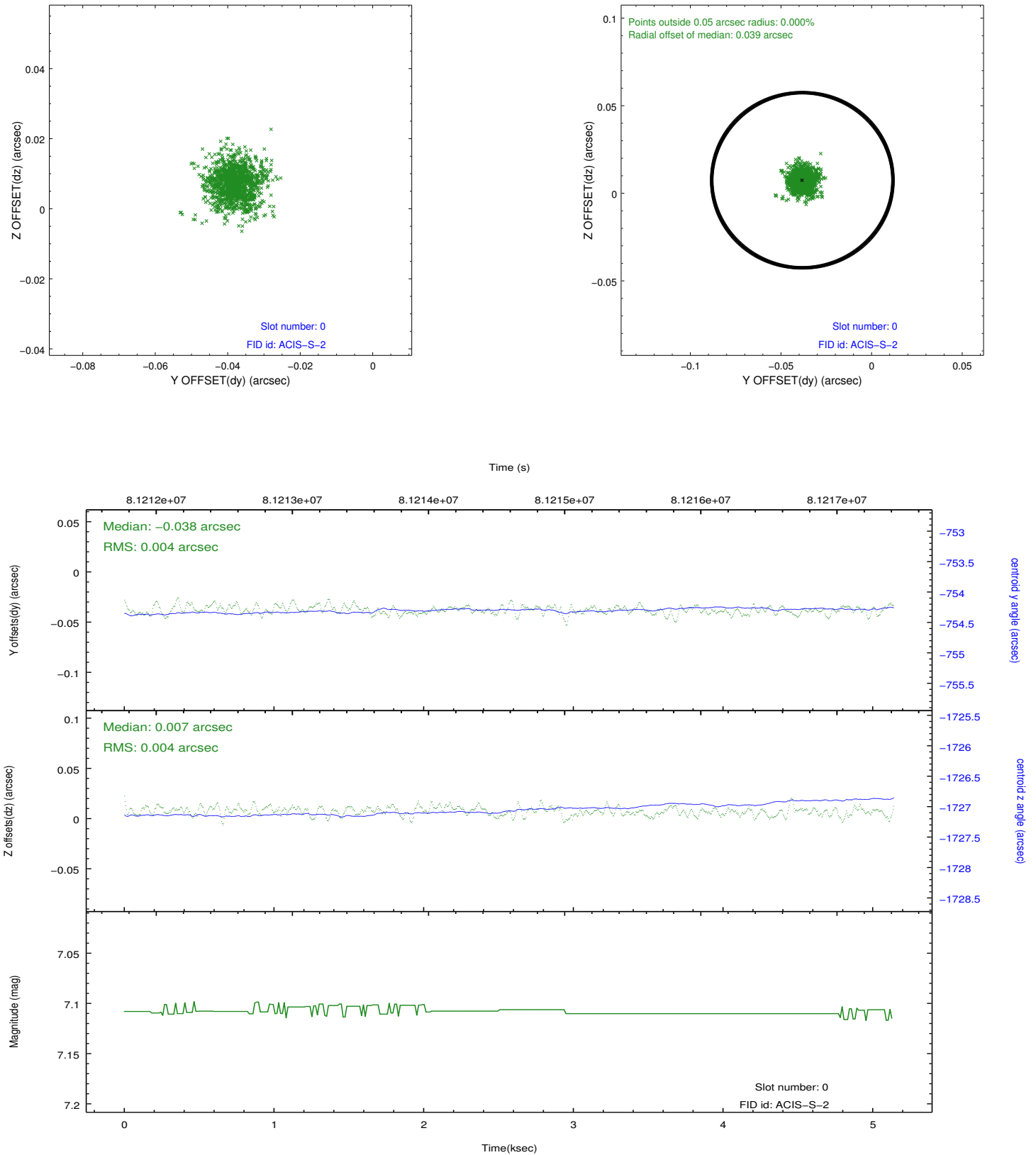


2.4.5 Slot 7

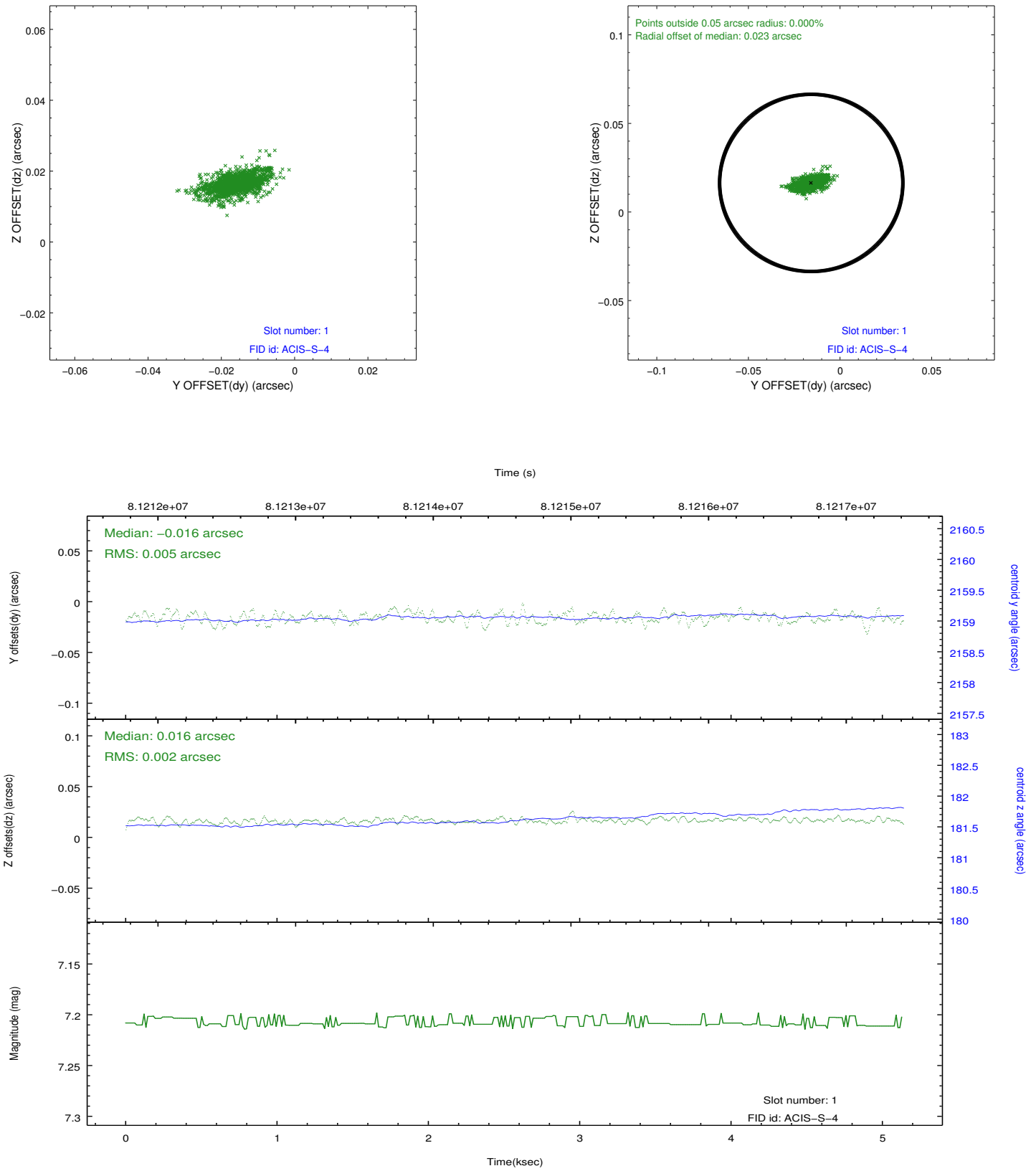


2.5 FID Slots

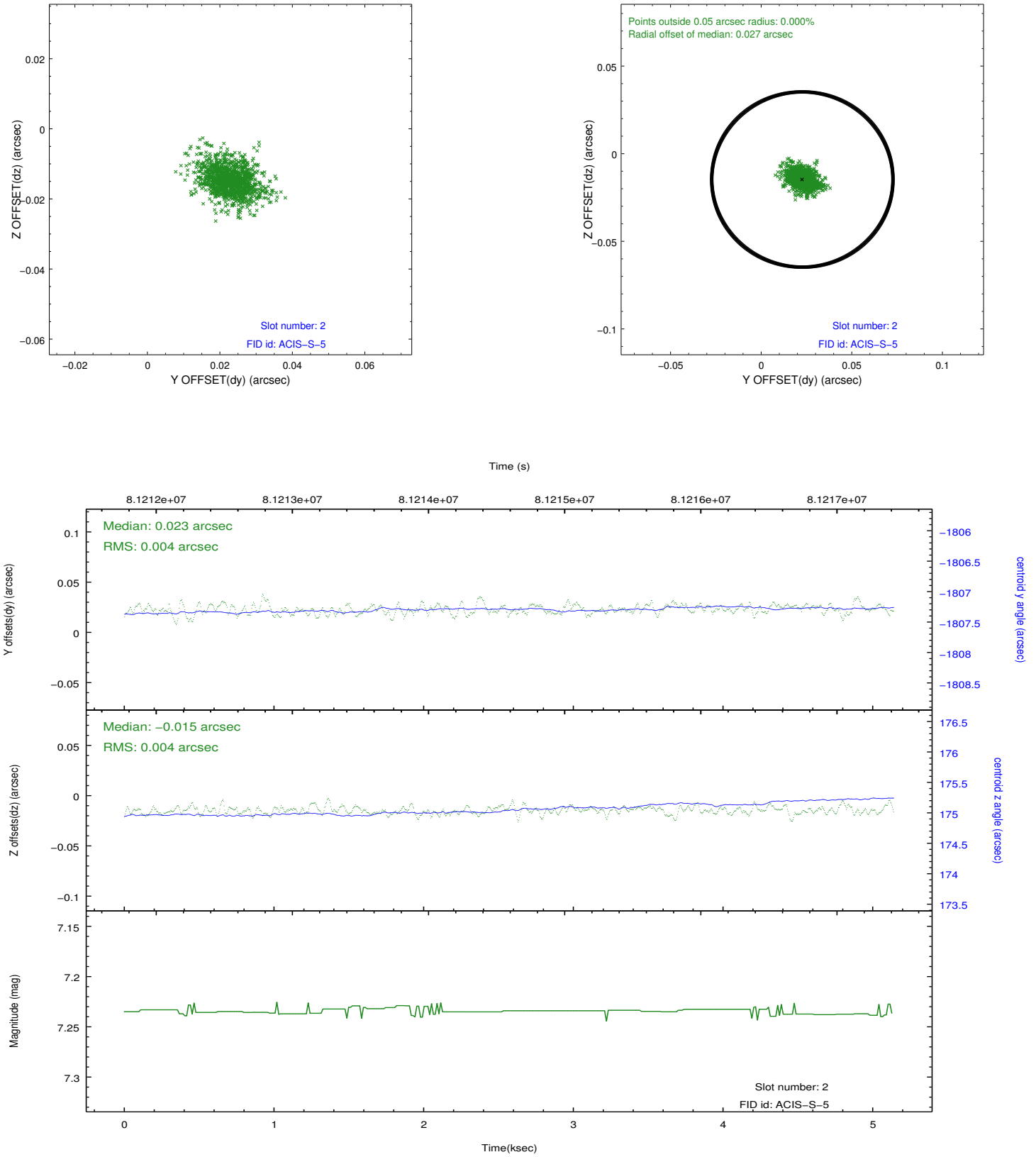
2.5.1 Slot 0



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)	2012.09.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.138

A.2 Comments