

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 855 - L2 Version 3
Chandra X-Ray Center

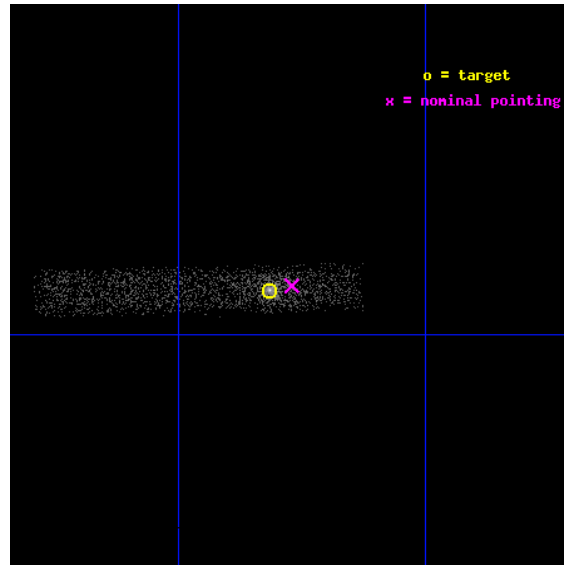
L2 Processing Date : Sep 2 2012

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1 Front

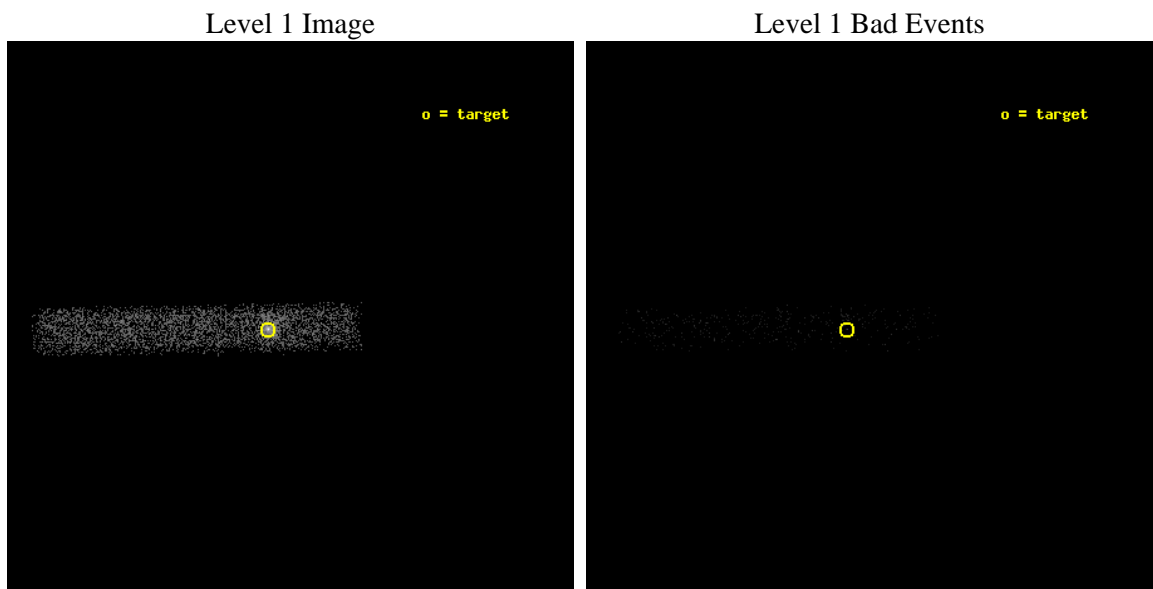
seq_num	700160	Sequence number
obs_id	855	Observation id
title	HUNTING THE AGN CORES IN FR1 RADIO GALAXIES	Proposal title
observer	Prof Diana Worrall	Principal investigator
object	B2 0055+30	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	14.45375	Observer's specified target RA [deg]
dec_targ	30.352417	Observer's specified target Dec [deg]
ra_nom	14.442510883082	Nominal RA [deg]
dec_nom	30.354283621448	Nominal Dec [deg]
roll_nom	178.87398851876	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5148.8000767231	Sum of GTIs [s]
liveltime	4669.6898936361	Livetime [s]
ontime7	5148.8000767231	Sum of GTIs [s]
l2events	3306	Number of level 2 events



2 OBI

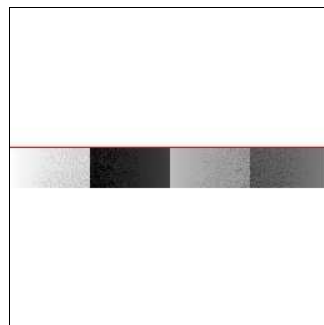
2.1 OBI

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	5148.8000767231	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime7	5148.8000767231	Sum of GTIs [s]
date	2012-09-02T09:33:45	Date and time of file creation	l1events	7013	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

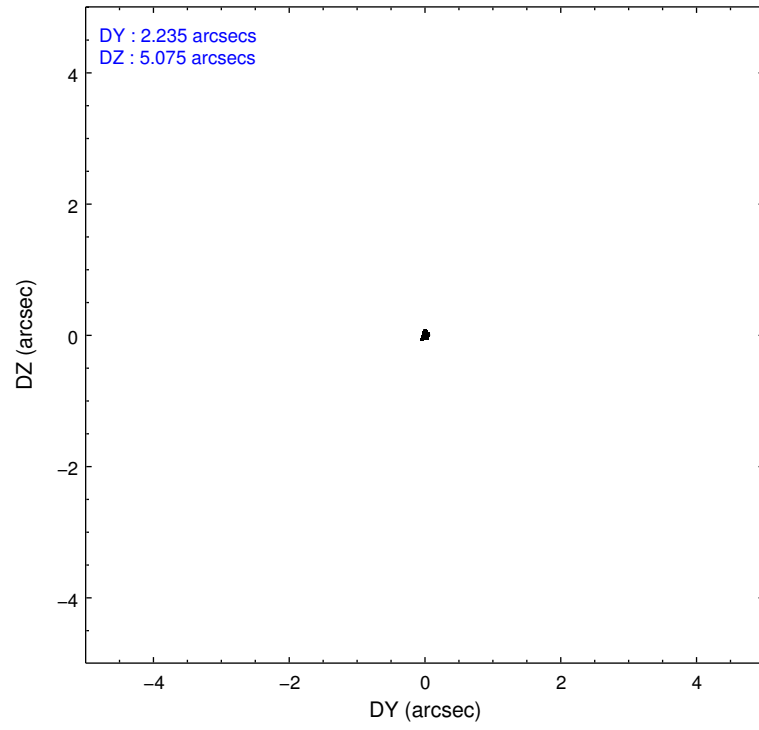
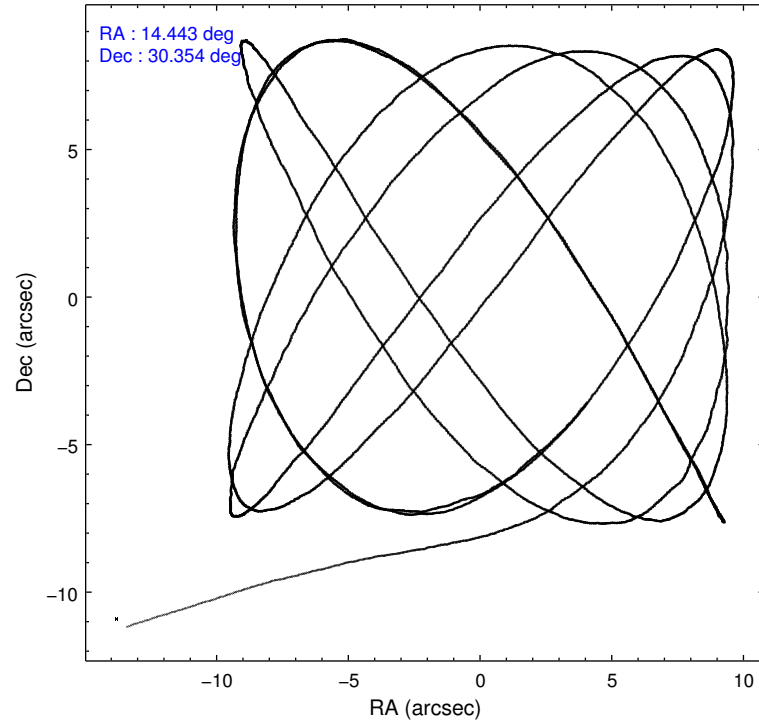
	ccd 7
level 1 events	7013
rejected events	3610
rejected %	51%

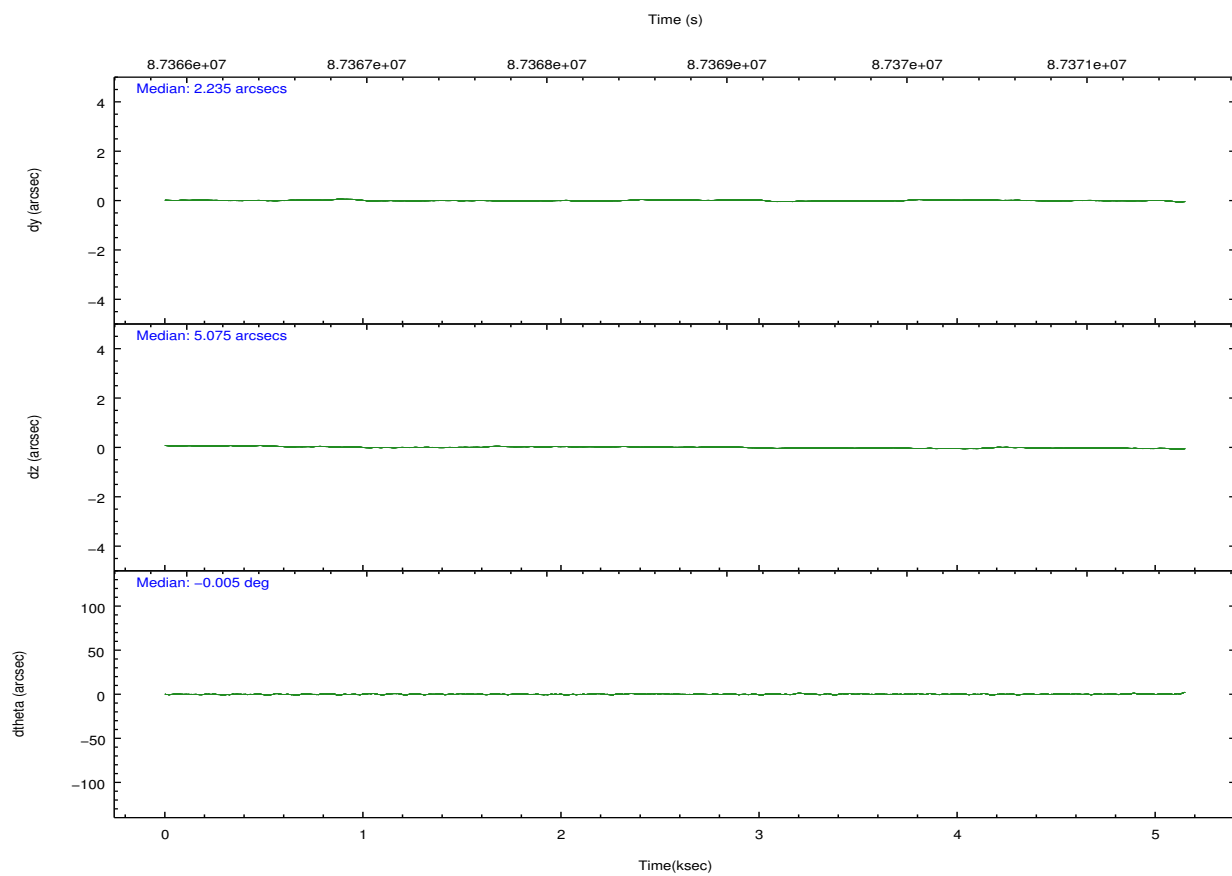
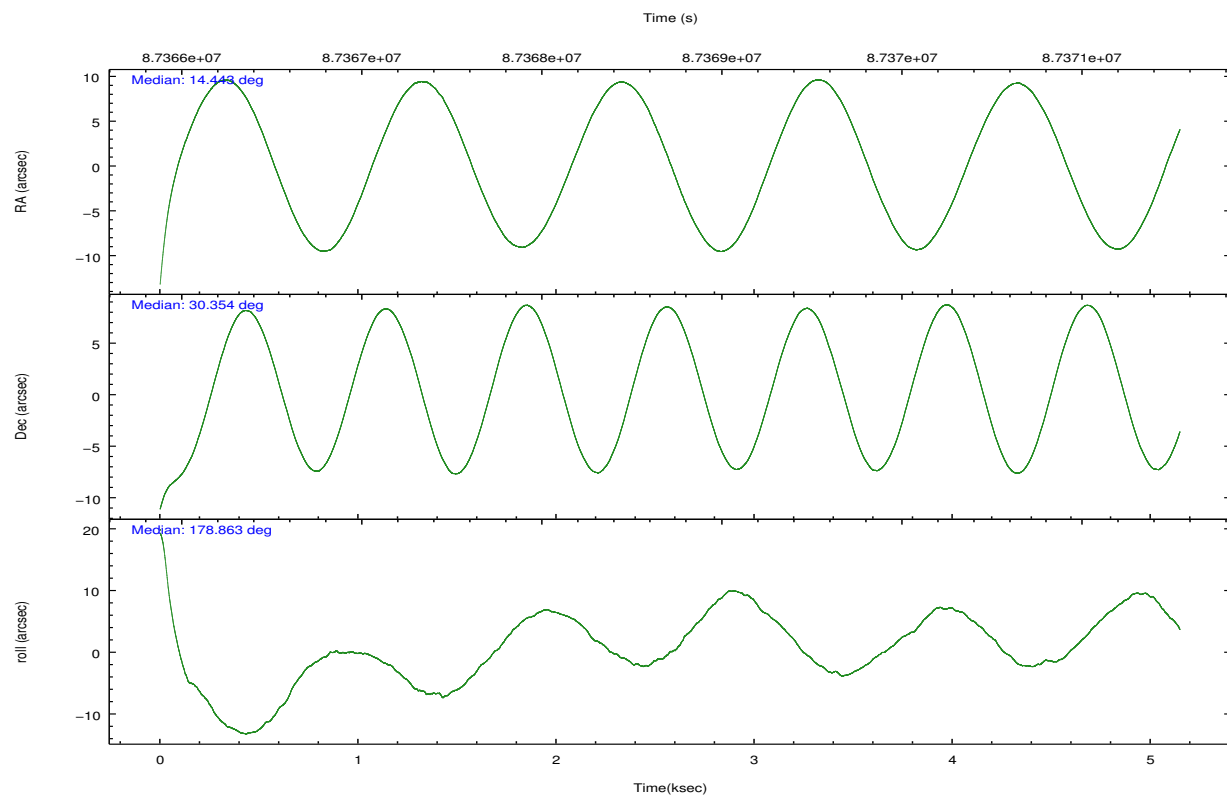
	ccd 7
grade 0 events	636
	9%
grade 1 events	4
	0%
grade 2 events	821
	11%
grade 3 events	508
	7%
grade 4 events	474
	6%
grade 5 events	545
	7%
grade 6 events	1466
	20%
grade 7 events	2559
	36%

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	14.470181	14.44251088308226	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	30.367775	30.35428362144781	Subarray start row	449	449
[deg] Pointing Roll	178.703335	178.8739885187649	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)	87366287.184000	87365202.522461			
Observation start date	2000-10-08T04:23:43	2000-10-08T04:06:42			
[s] Observation end time (MET)	87371287.184000	87372160.22272401			
Observation end date	2000-10-08T05:47:03	2000-10-08T06:02:40			
Read mode	TIMED	TIMED			

2.3 Aspect



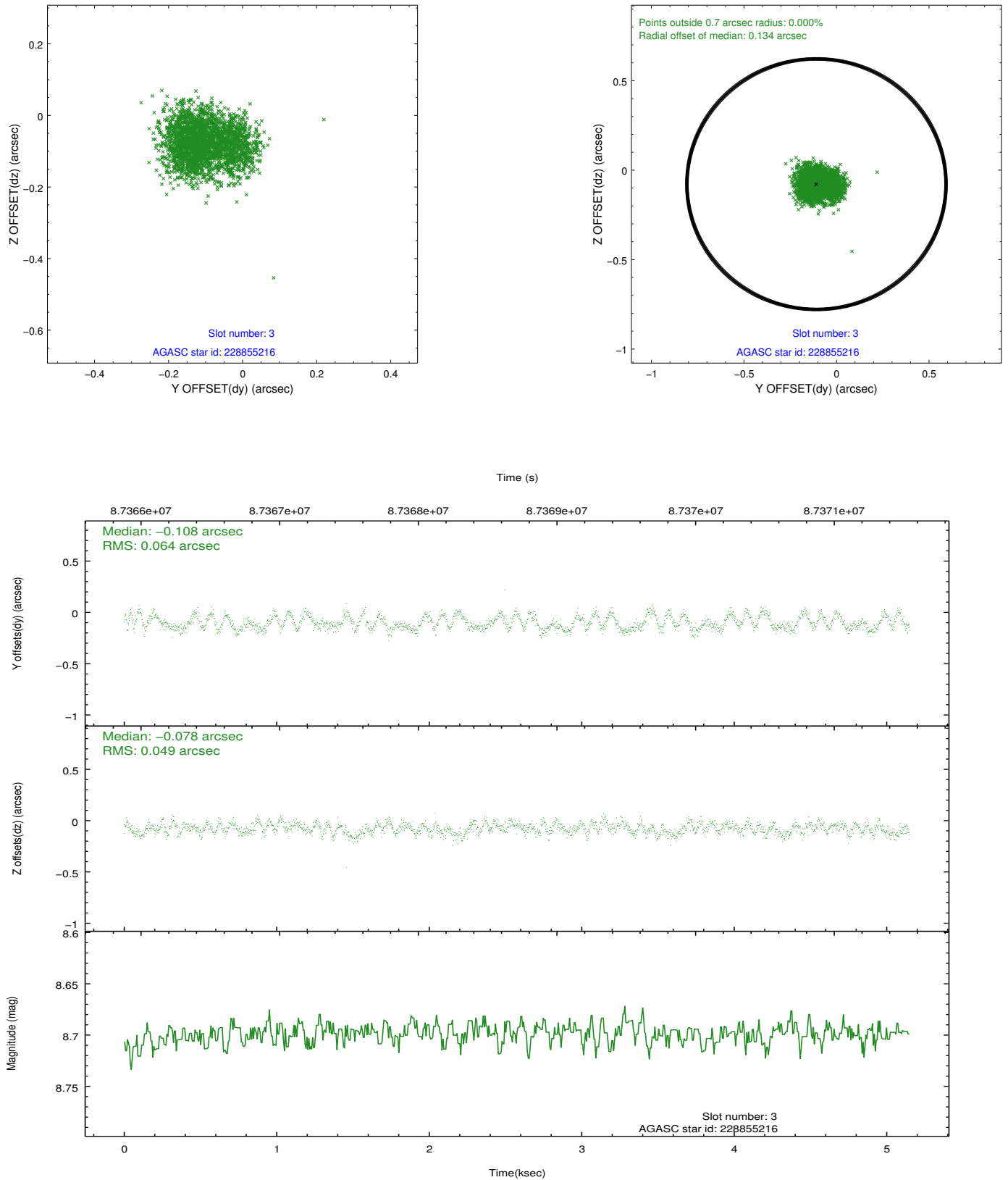


Slot Statistics

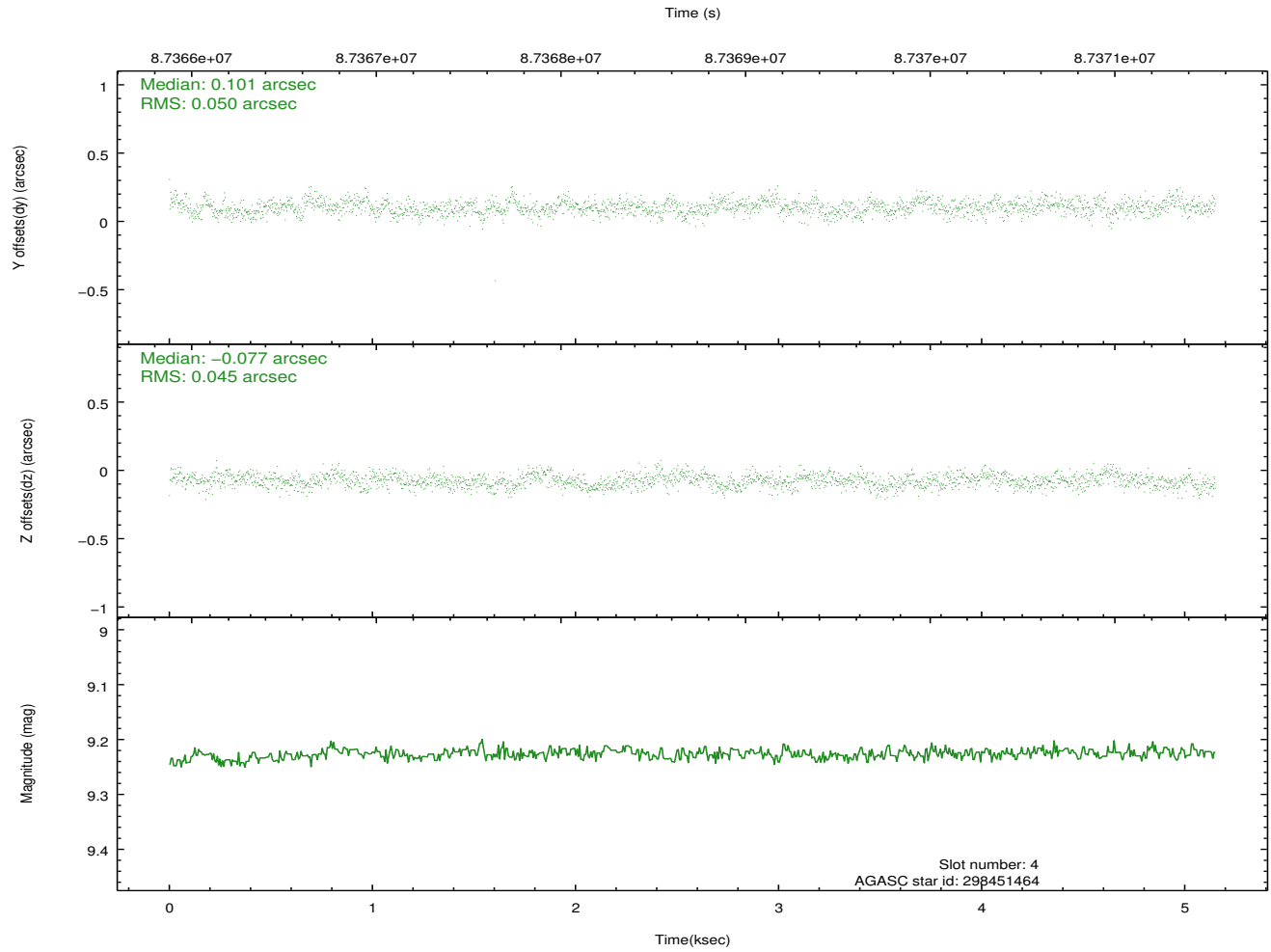
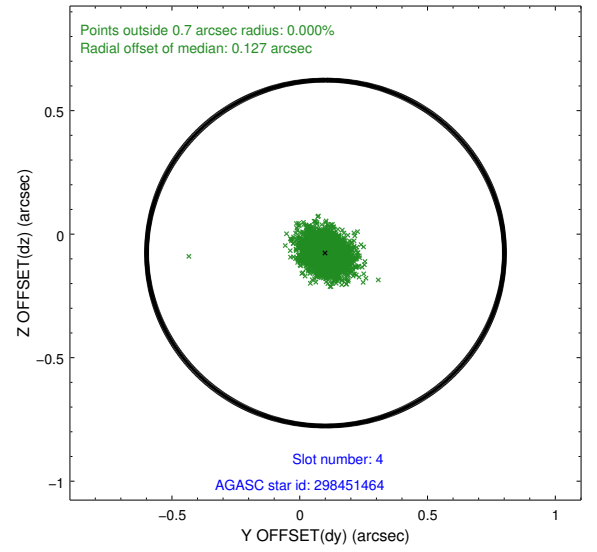
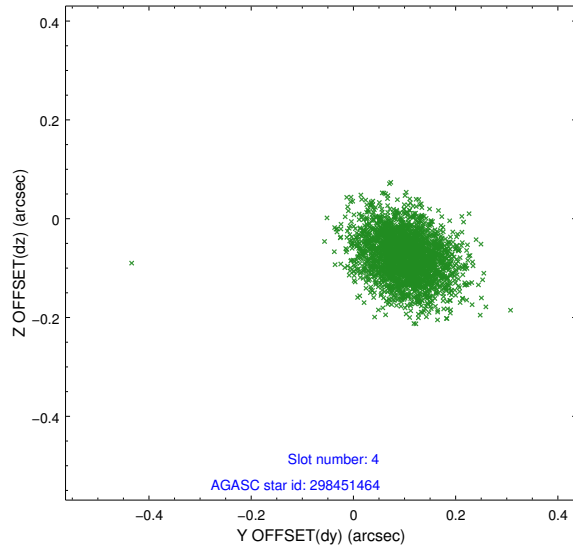
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1256	-0.042	-0.011	0.006	0.009	0.000000	0.000000	-754.87	-1726.16
1	FID	ACIS-S-4	7.20	1256	0.002	0.023	0.005	0.011	0.000000	0.000000	2157.89	181.19
2	FID	ACIS-S-5	7.24	1256	0.009	-0.003	0.006	0.009	0.000000	0.000000	-1806.18	176.11
3	GUIDE	228855216	8.70	2512	-0.108	-0.078	0.088	0.133	14.020790	29.780205	1356.42	2143.80
4	GUIDE	298451464	9.23	2513	0.101	-0.077	0.071	0.117	14.113380	30.265595	1102.27	391.98
5	GUIDE	298453544	9.33	2512	0.065	0.069	0.077	0.129	14.058324	30.732014	1305.49	-1284.07
6	GUIDE	298457824	9.48	2512	-0.096	0.069	0.094	0.155	14.309872	30.912912	541.07	-1951.59
7	GUIDE	298454904	9.77	2509	0.032	0.014	0.094	0.152	13.962266	30.089388	1560.02	1033.63

2.4 Star Slots

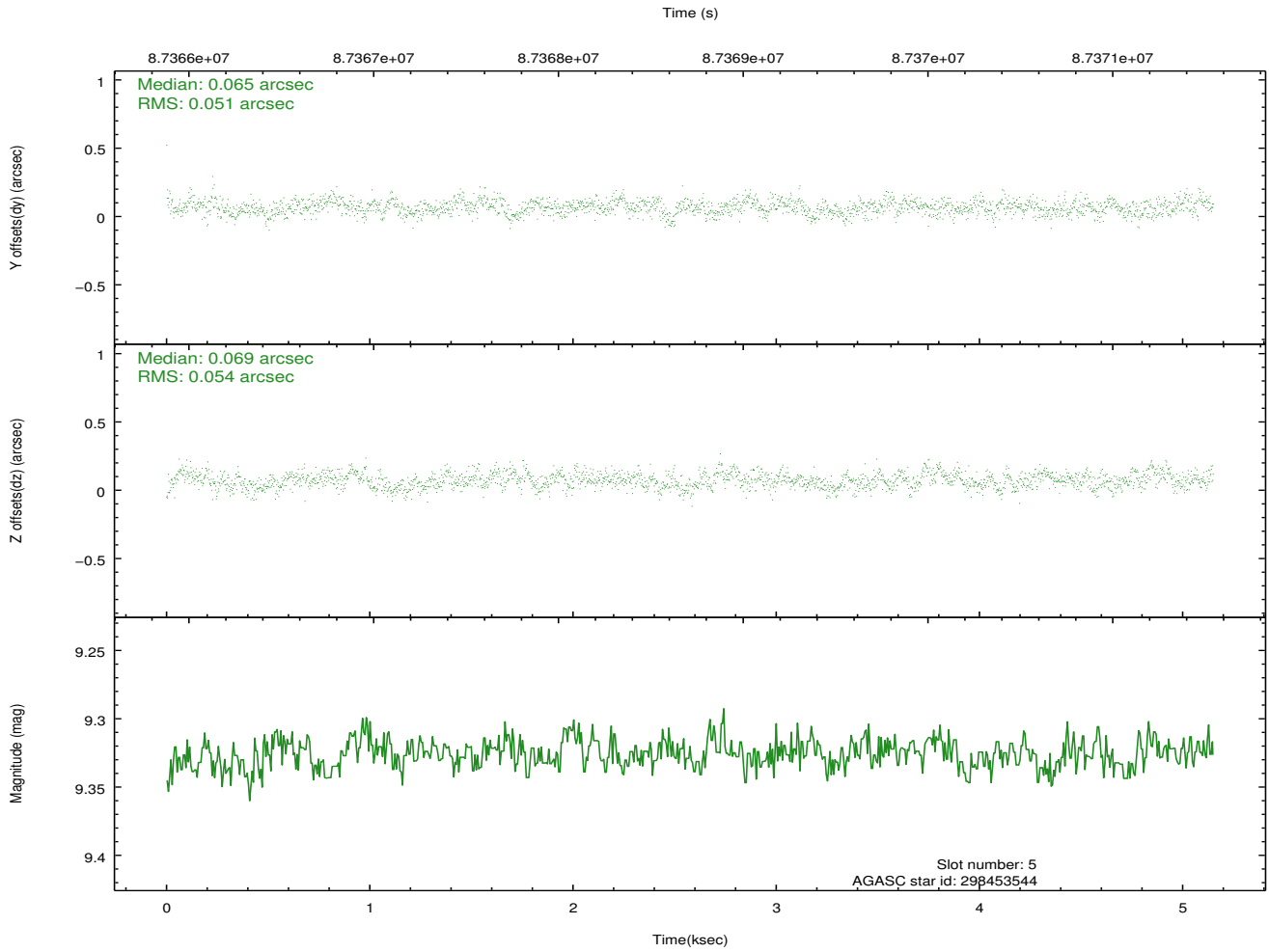
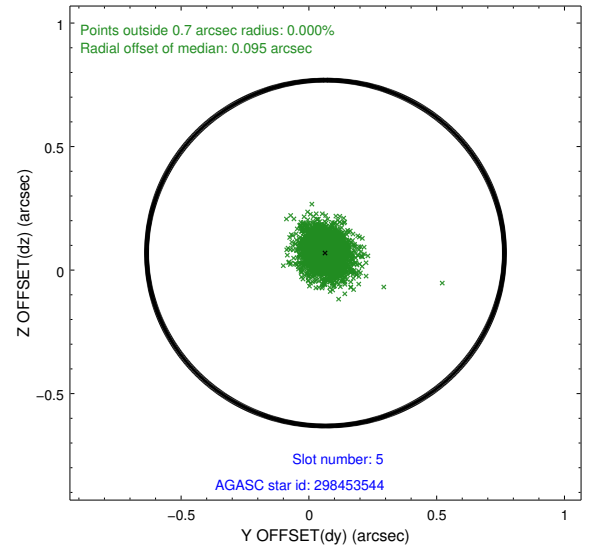
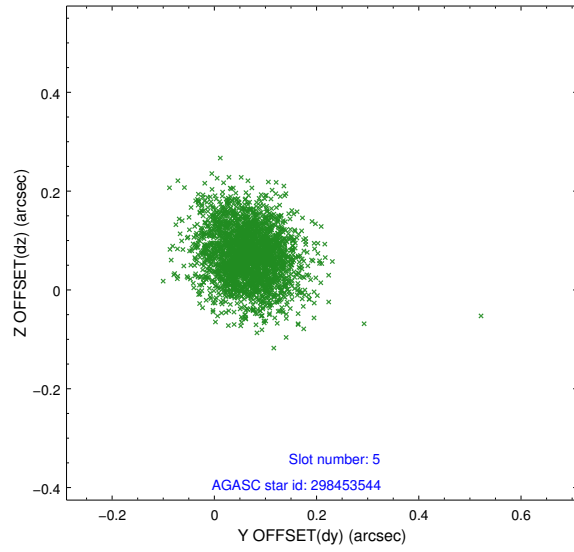
2.4.1 Slot 3



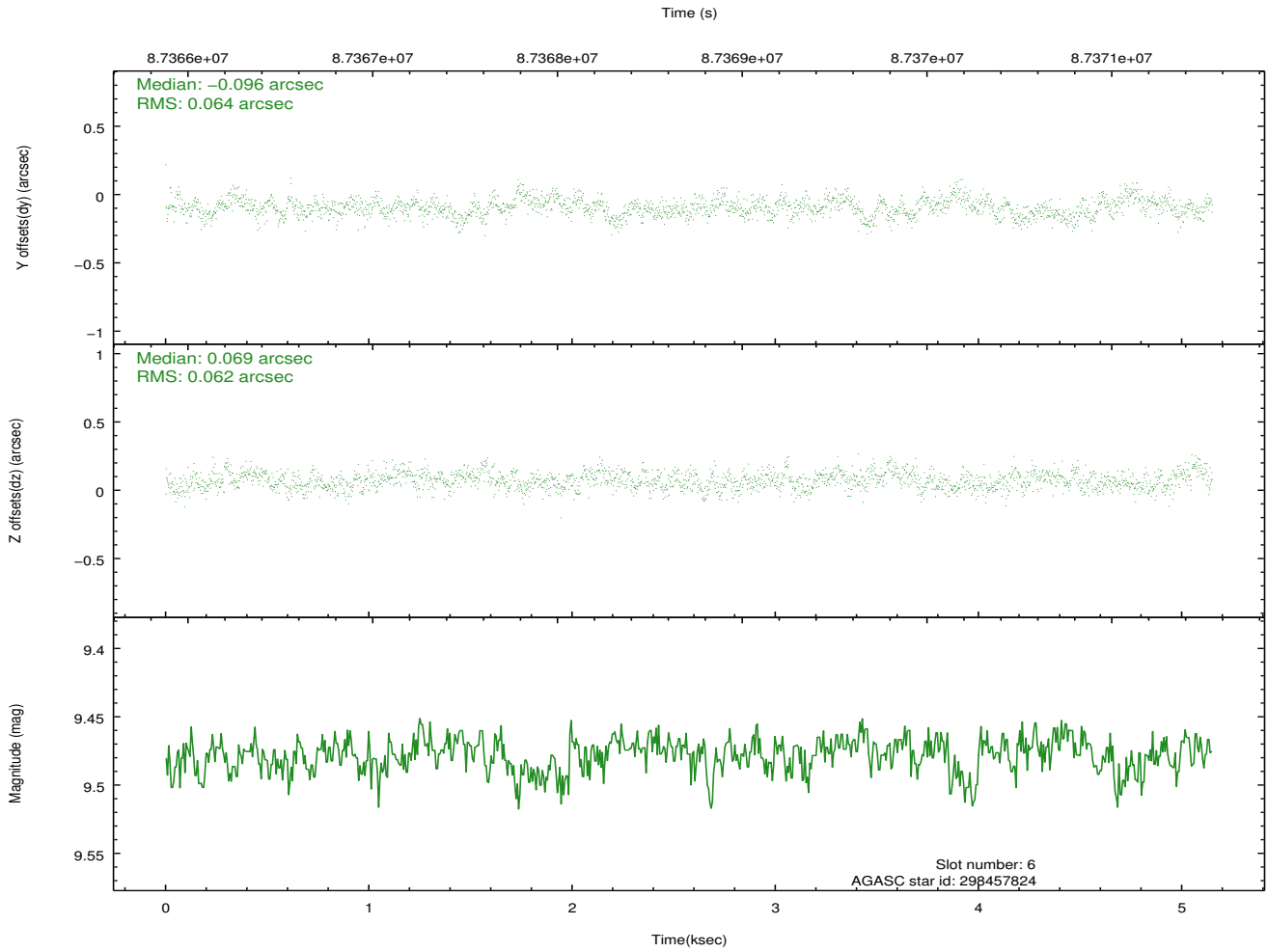
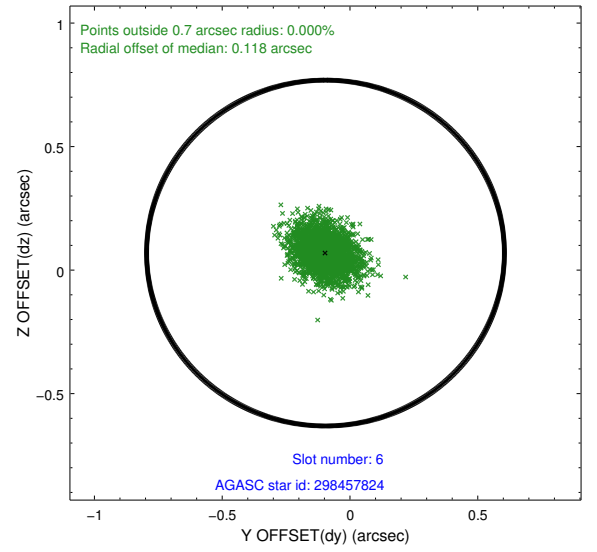
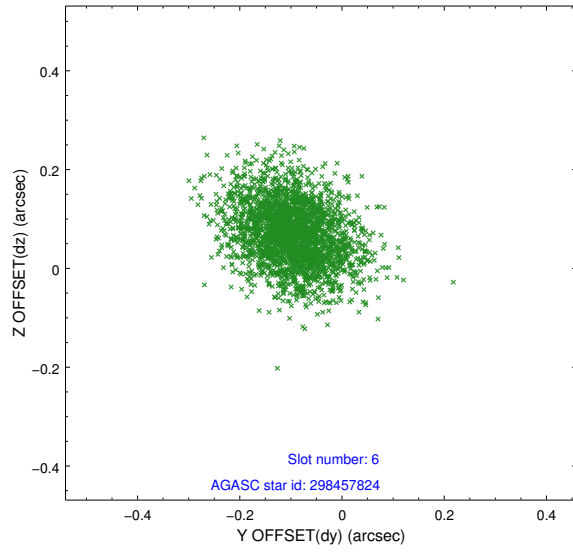
2.4.2 Slot 4



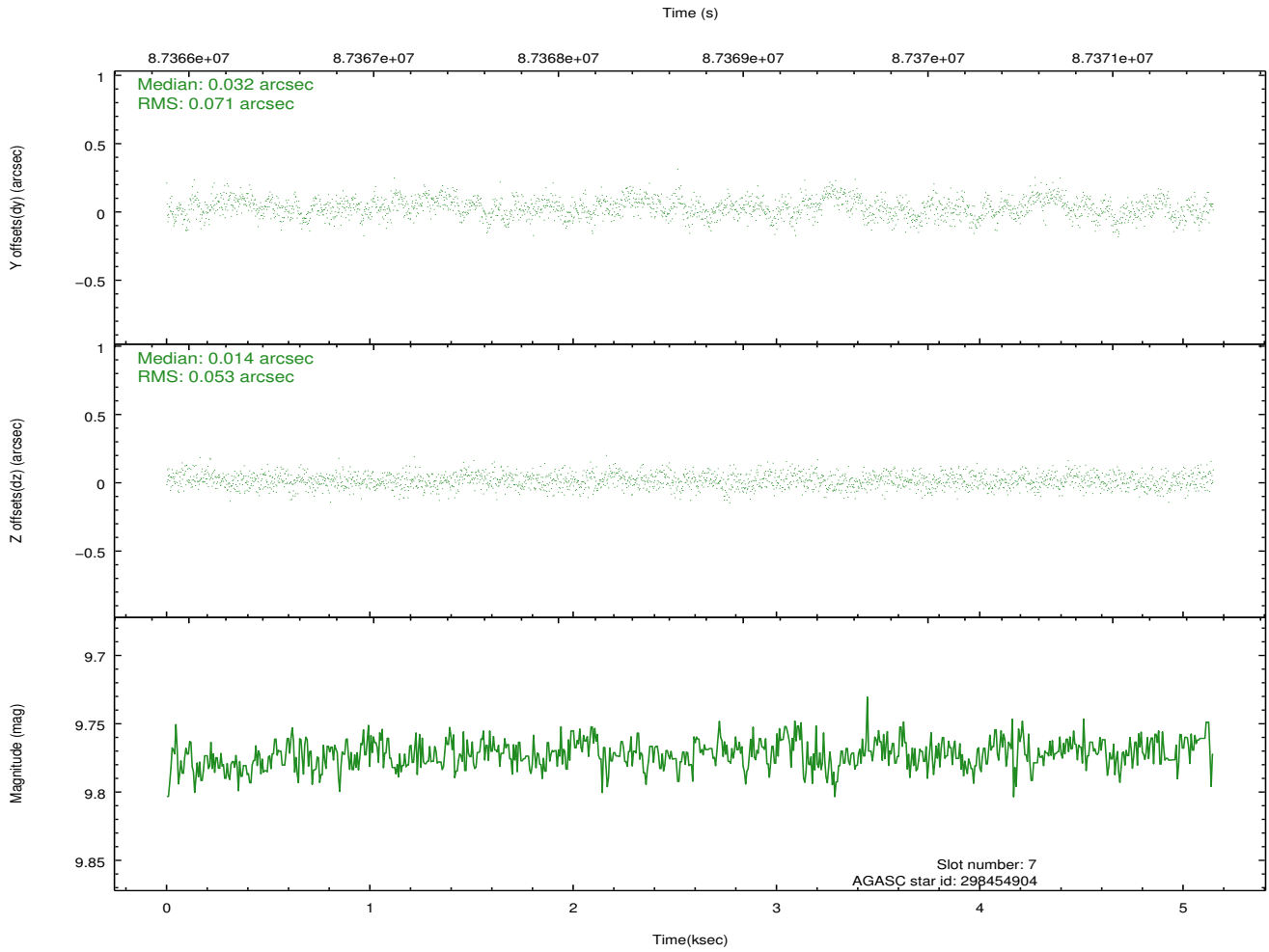
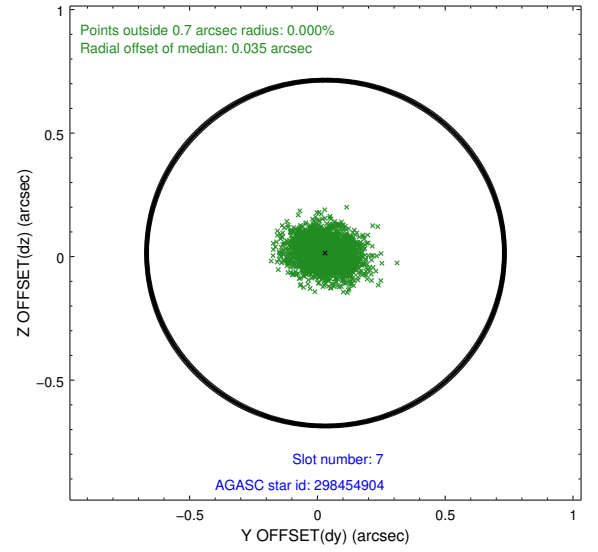
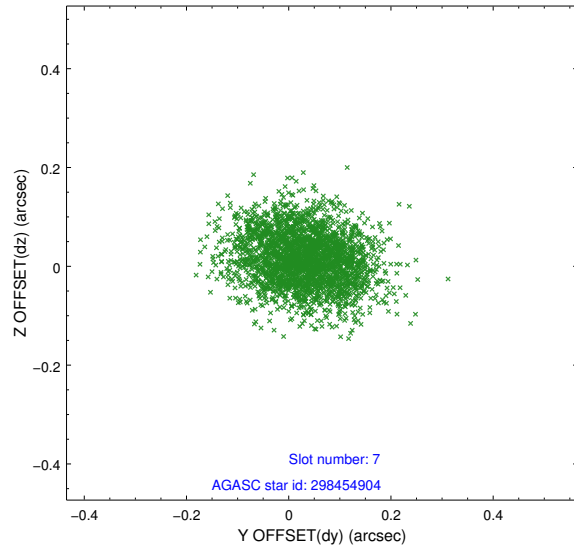
2.4.3 Slot 5



2.4.4 Slot 6

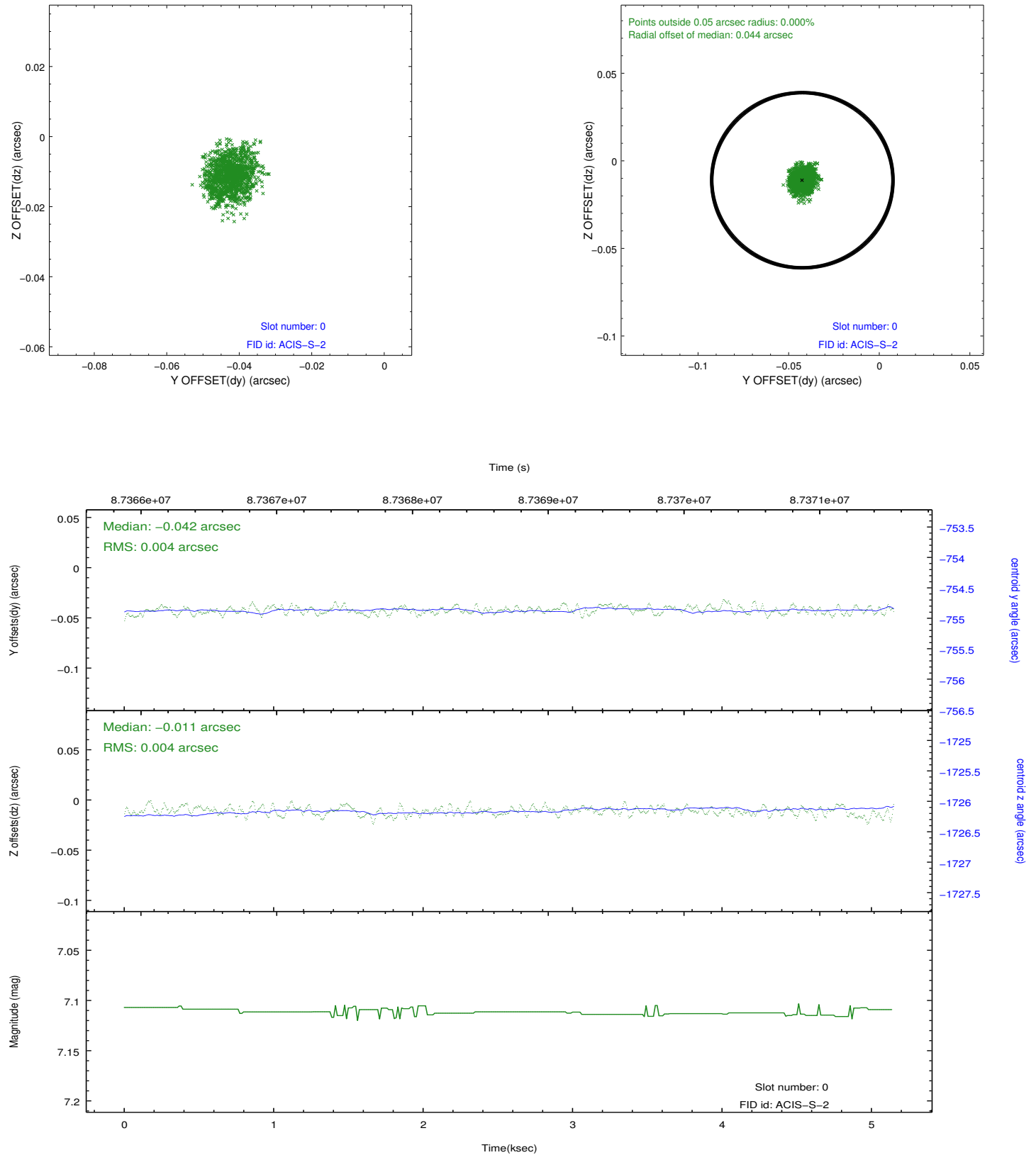


2.4.5 Slot 7

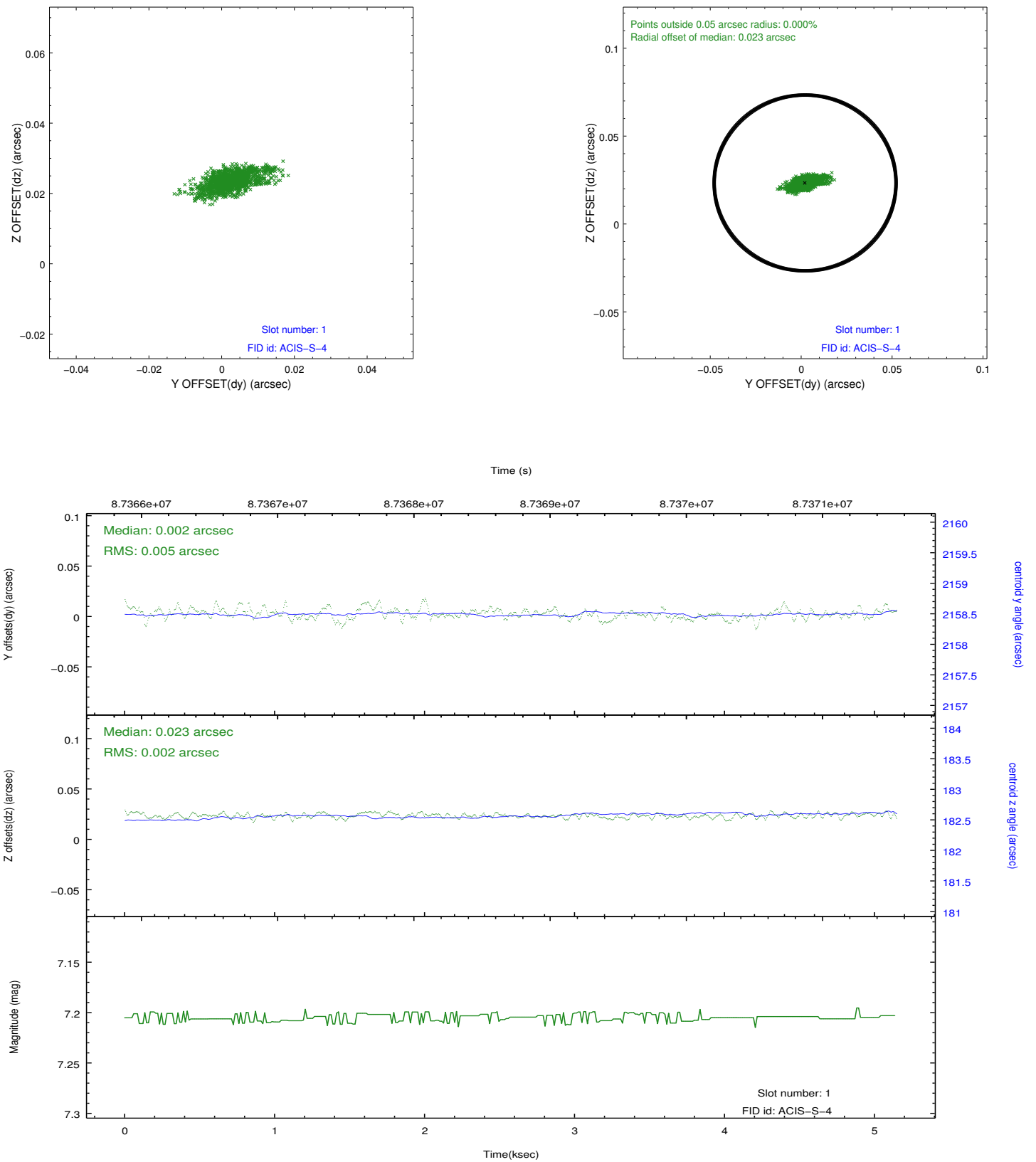


2.5 FID Slots

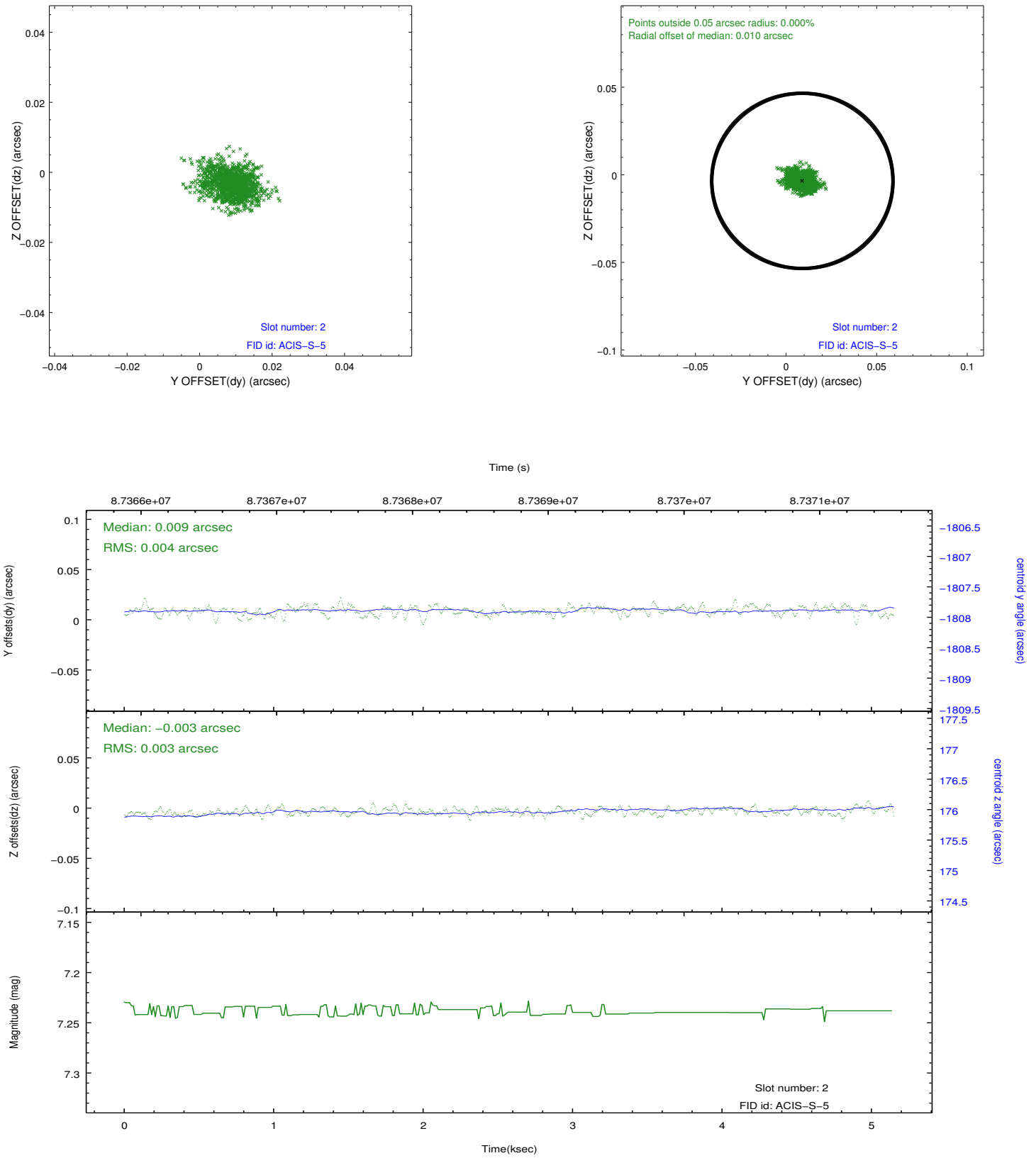
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.09.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.148

A.2 Comments