

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11476 - L2 Version 2
Chandra X-Ray Center

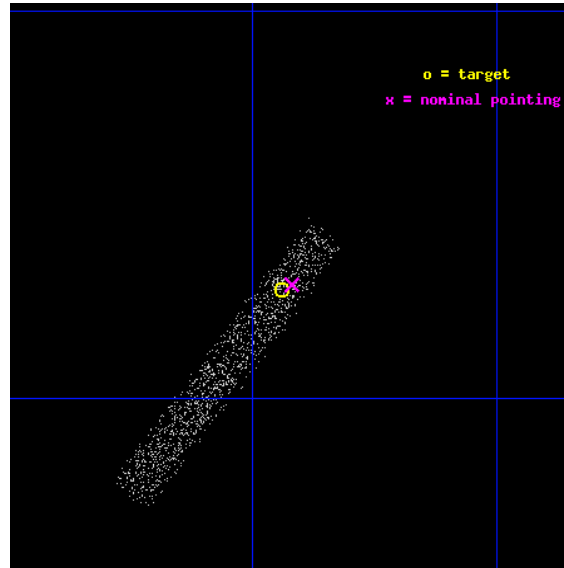
L2 Processing Date : Jun 23 2012

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1 Front

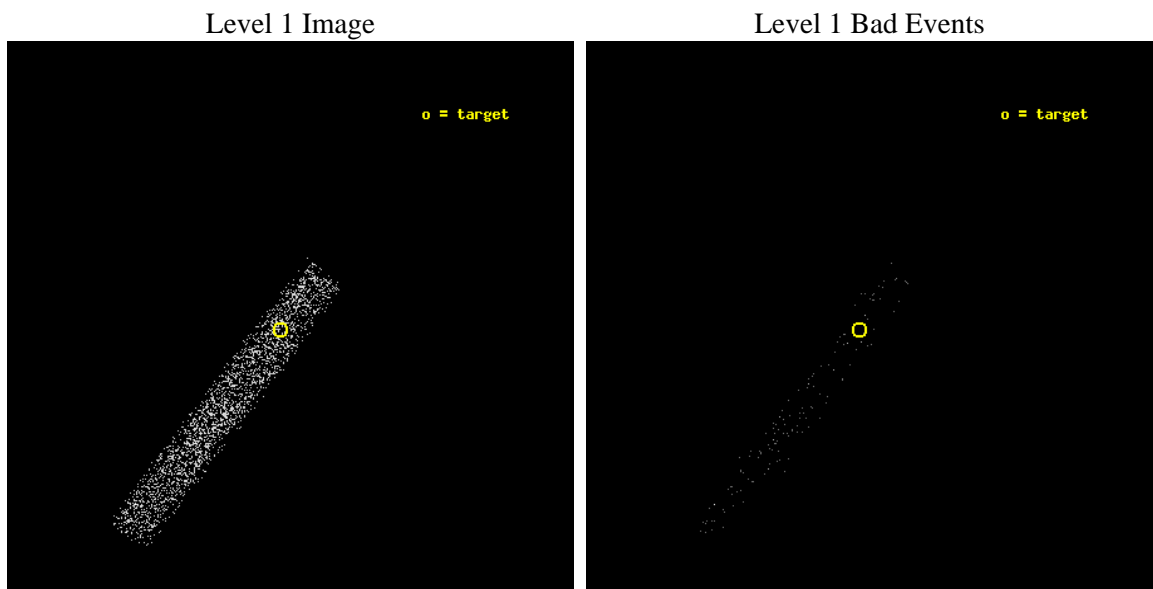
seq_num	702062	Sequence number
obs_id	11476	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J153656.44+312248.1	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	234.235	Observer's specified target RA [deg]
dec_targ	31.380028	Observer's specified target Dec [deg]
ra_nom	234.22964001288	Nominal RA [deg]
dec_nom	31.382092823786	Nominal Dec [deg]
roll_nom	127.19415066955	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2009.5998802185	Sum of GTIs [s]
livetime	1822.6010159791	Livetime [s]
ontime7	2009.5998802185	Sum of GTIs [s]
l2events	1405	Number of level 2 events



2 OBI

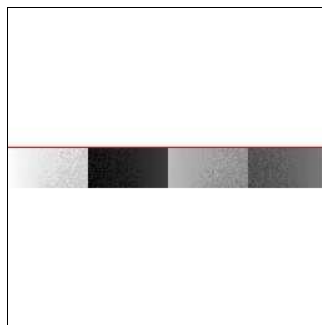
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2009.5998802185	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	2009.5998802185	Sum of GTIs [s]
date	2012-06-23T18:21:05	Date and time of file creation	l1events	2736	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

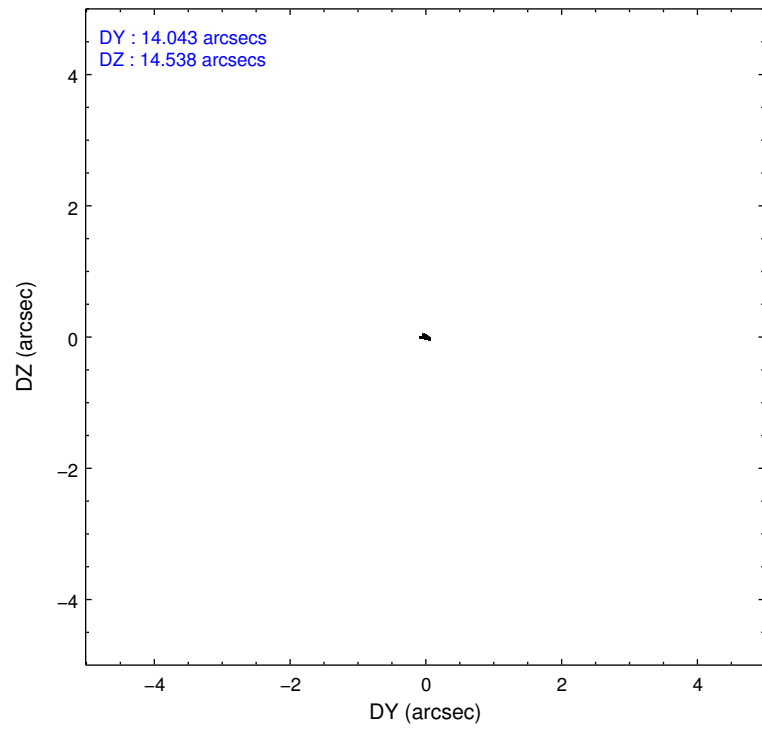
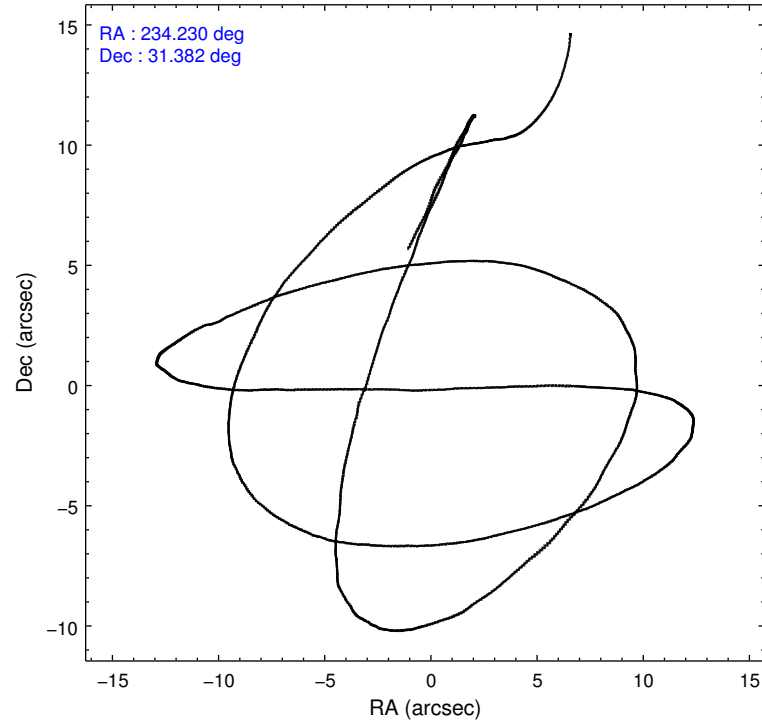
	ccd 7
level 1 events	2736
rejected events	1261
rejected %	46%

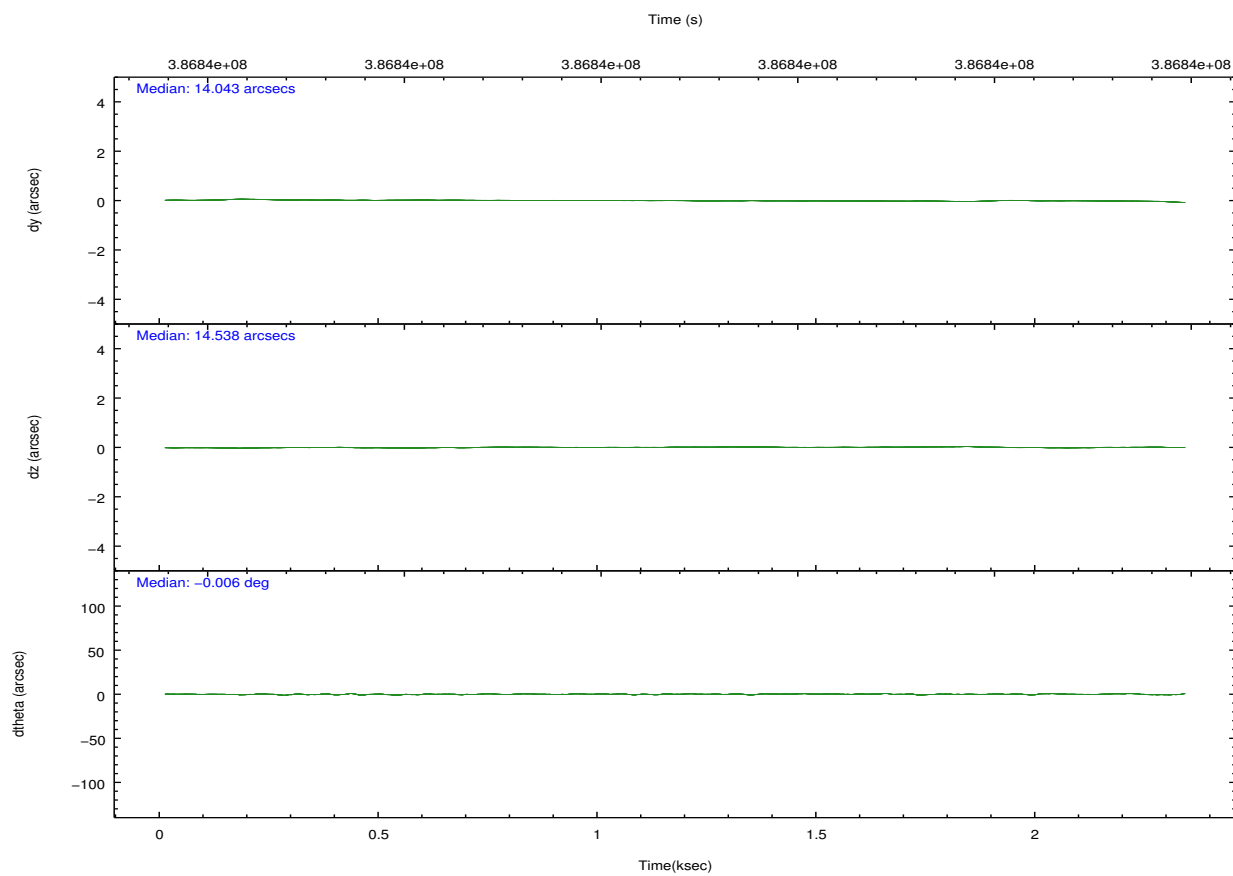
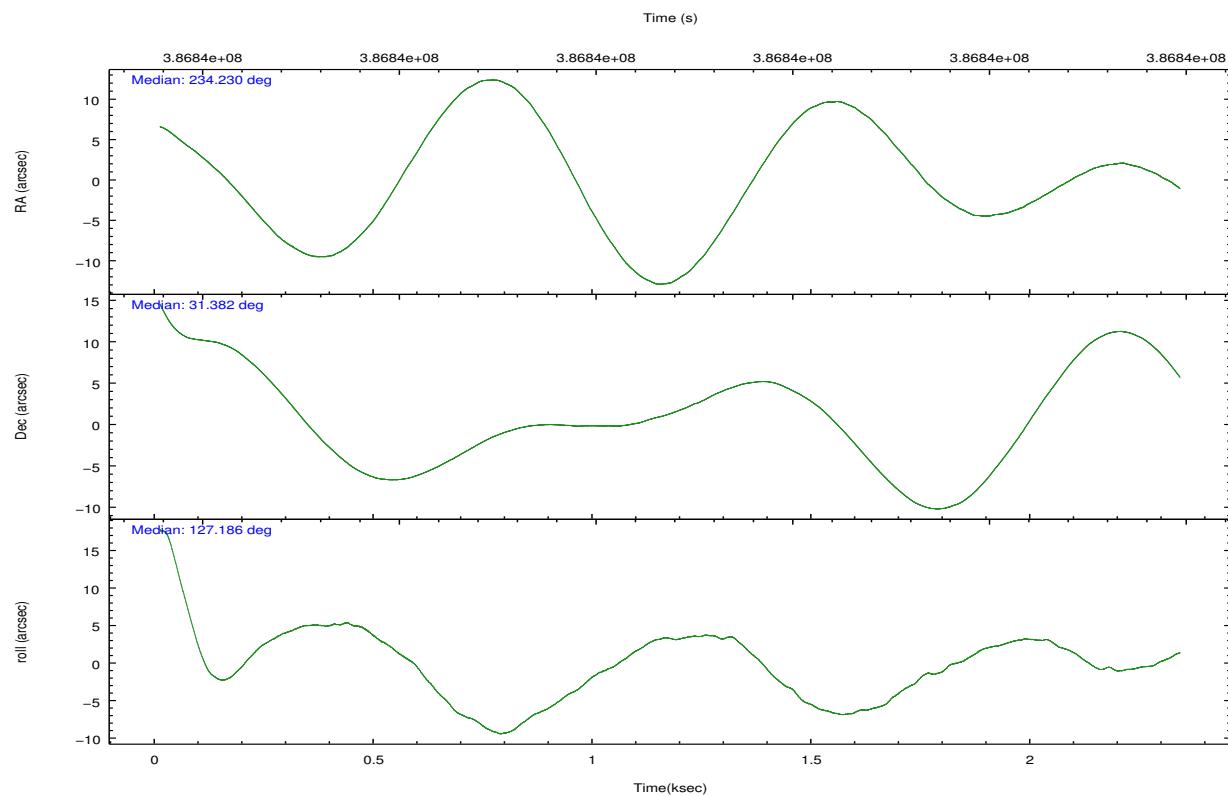
	ccd 7
grade 0 events	148
	5%
grade 1 events	4
	0%
grade 2 events	301
	11%
grade 3 events	206
	7%
grade 4 events	192
	7%
grade 5 events	273
	9%
grade 6 events	628
	22%
grade 7 events	984
	35%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	234.259383	234.2296400128833	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	31.371523	31.38209282378594	Subarray start row	449	449
[deg] Pointing Roll	127.021918	127.194150669554	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)	386839863.184000	386838606.34967			
Observation start date	2010-04-05T07:29:57	2010-04-05T07:10:06			
[s] Observation end time (MET)	386841863.184000	386842688.92488			
Observation end date	2010-04-05T08:03:17	2010-04-05T08:18:08			
Read mode	TIMED	TIMED			

2.3 Aspect



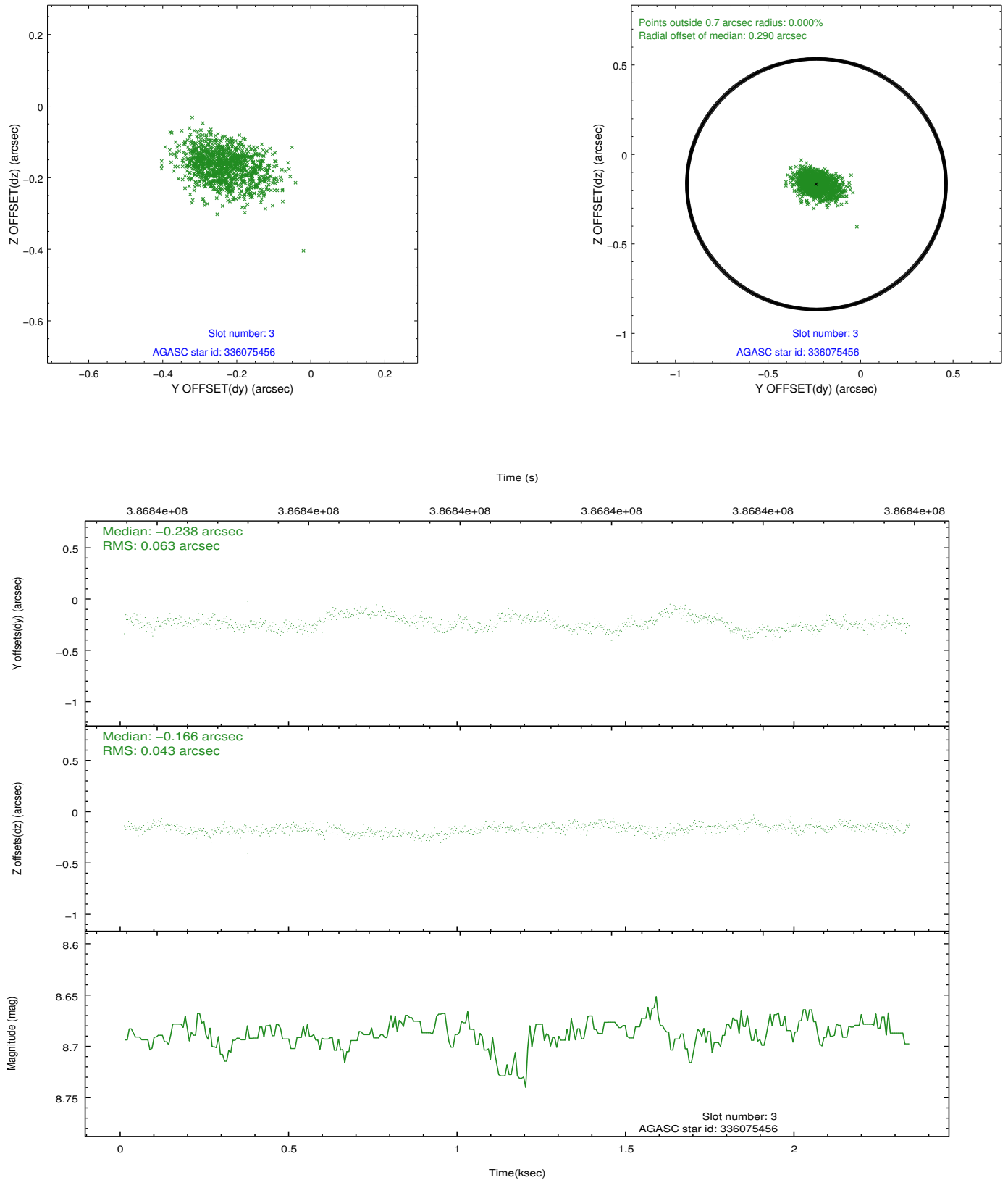


Slot Statistics

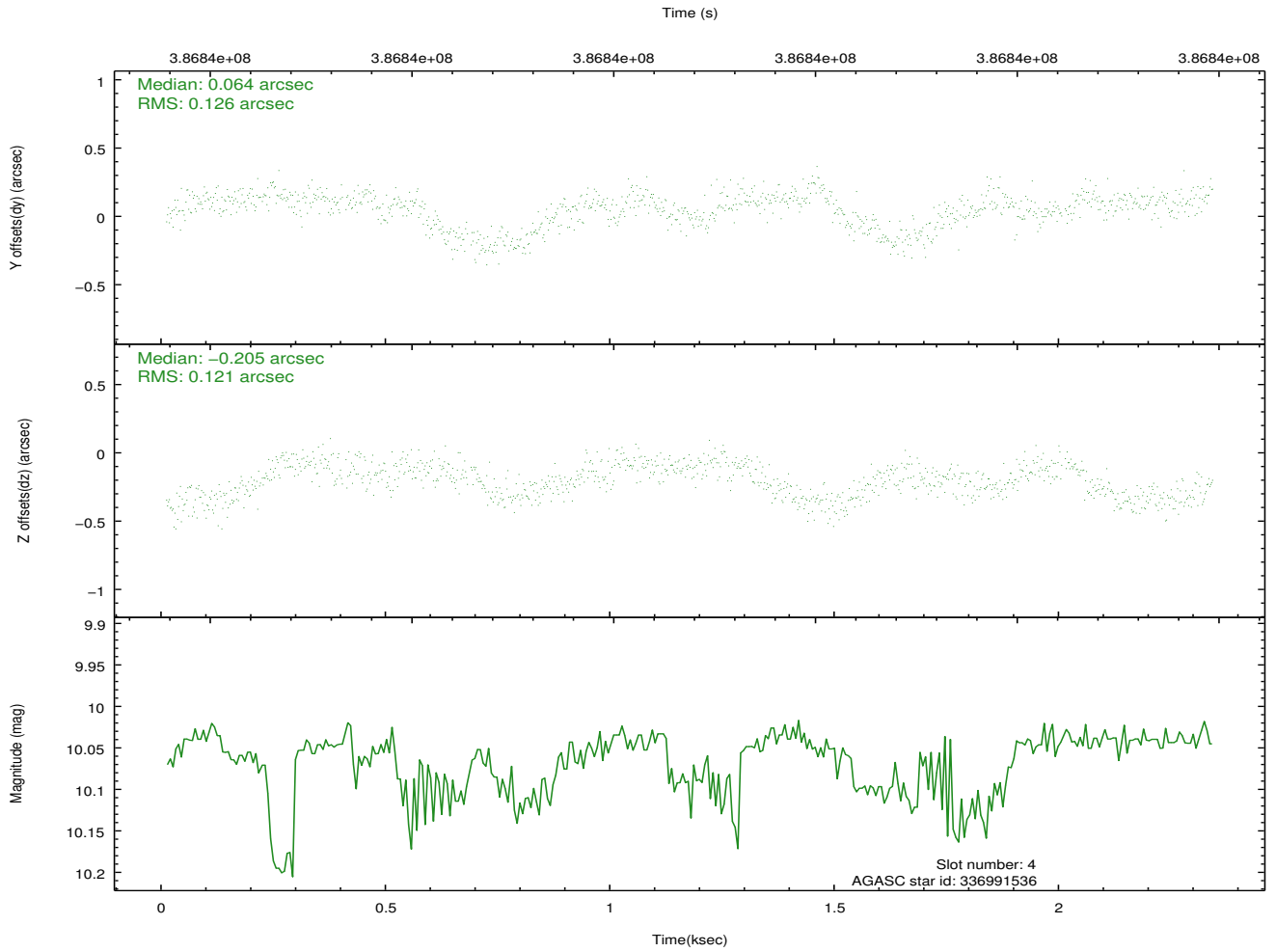
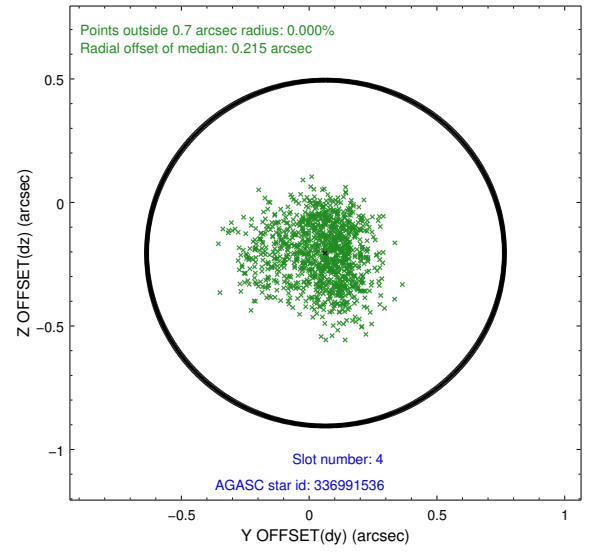
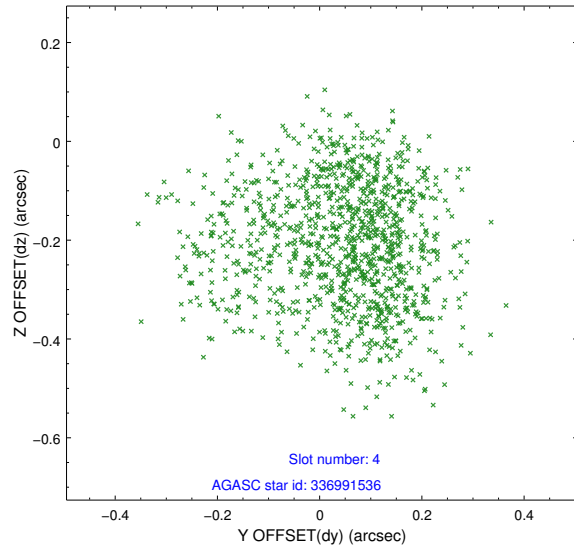
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	6.99	569	0.052	-0.009	0.007	0.012	0.000000	0.000000	929.12	-1731.53
1	FID	ACIS-S-5	7.03	569	-0.152	0.026	0.007	0.012	0.000000	0.000000	-1818.55	163.15
2	FID	ACIS-S-6	7.14	569	0.079	-0.006	0.006	0.011	0.000000	0.000000	391.65	810.25
3	GUIDE	336075456	8.69	1137	-0.238	-0.166	0.080	0.134	233.848853	31.782477	1938.43	111.81
4	GUIDE	336991536	10.06	1127	0.064	-0.205	0.186	0.300	234.080499	30.748246	-1457.21	1793.29
5	GUIDE	336991672	9.92	1129	0.027	0.047	0.171	0.258	234.190766	30.668219	-1895.62	1696.47
6	GUIDE	336994248	7.55	1138	0.122	0.147	0.065	0.111	234.677103	31.551852	-253.54	-1413.00
7	GUIDE	336994488	8.44	1136	0.042	0.188	0.095	0.145	234.806647	31.687928	-97.17	-2027.05

2.4 Star Slots

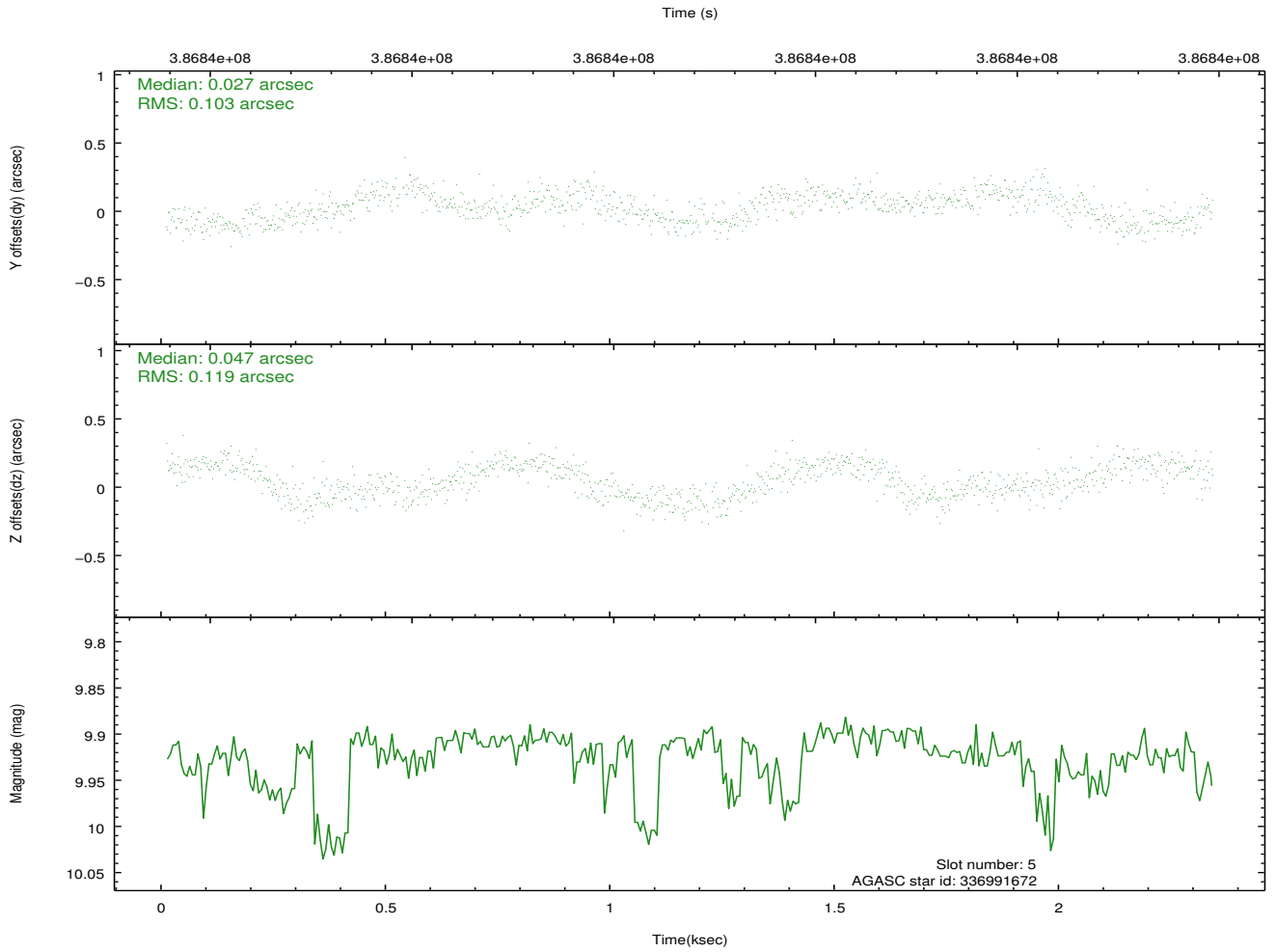
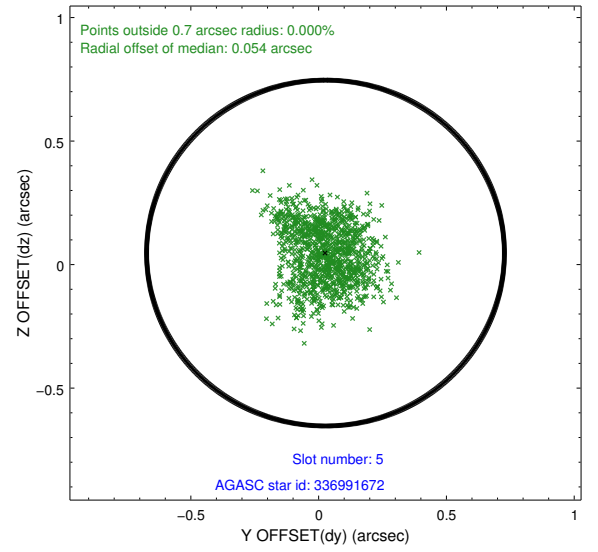
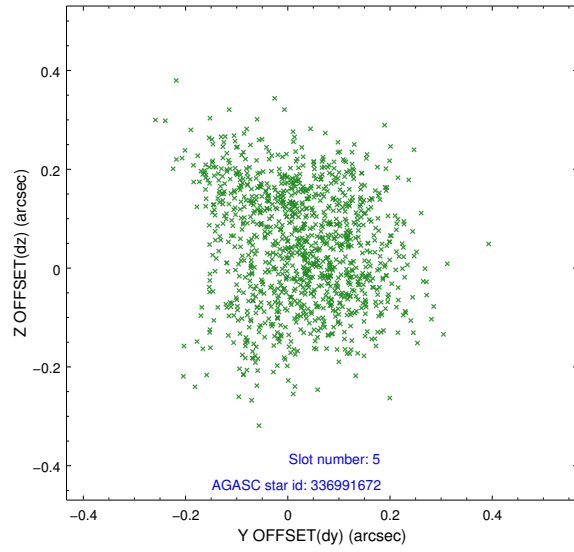
2.4.1 Slot 3



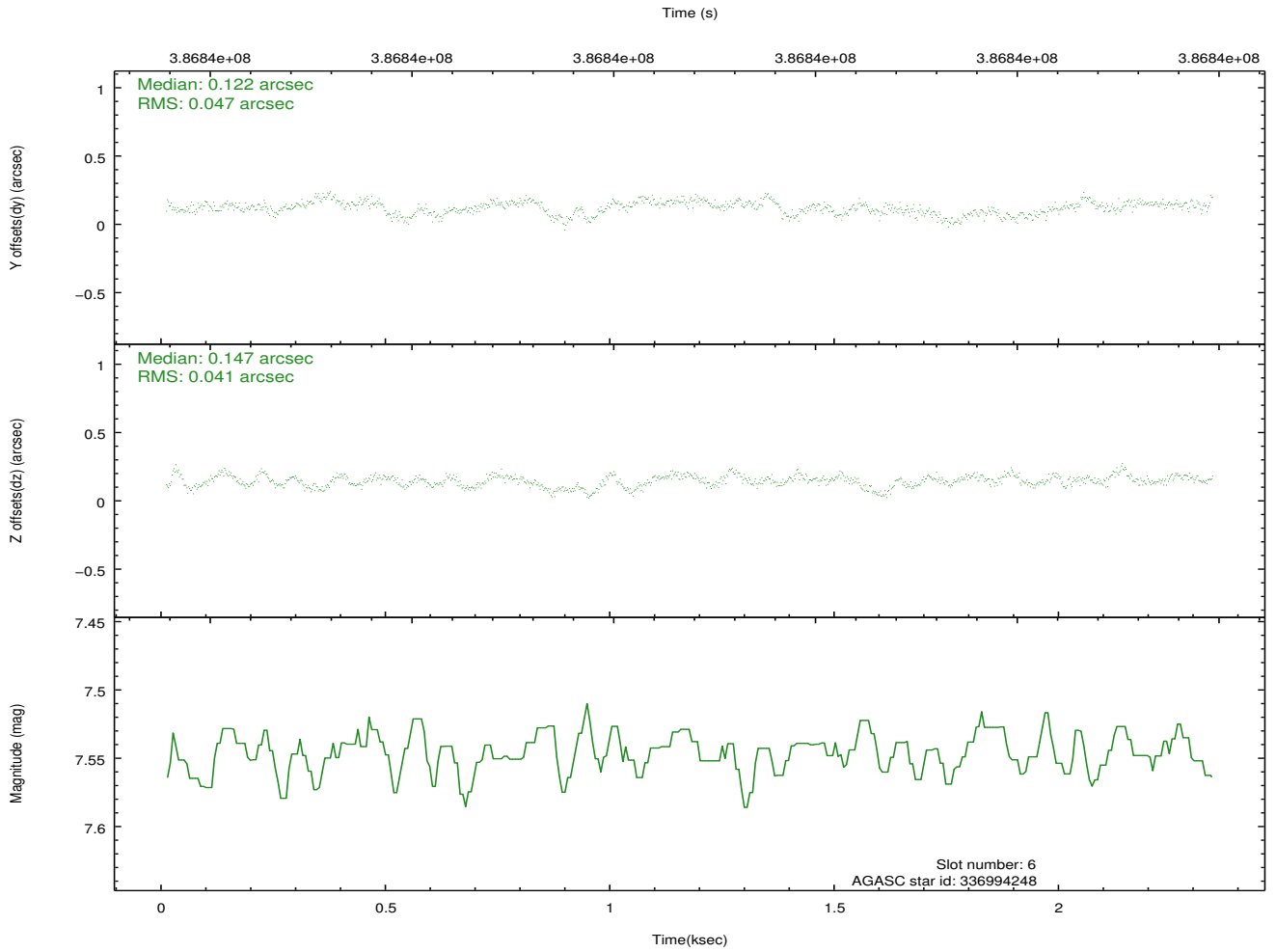
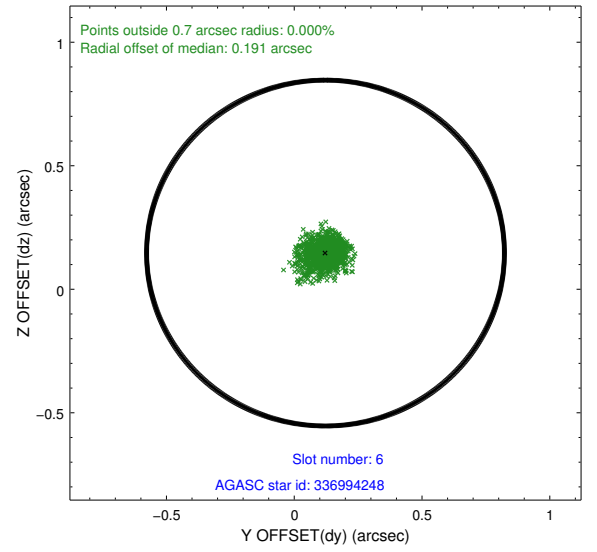
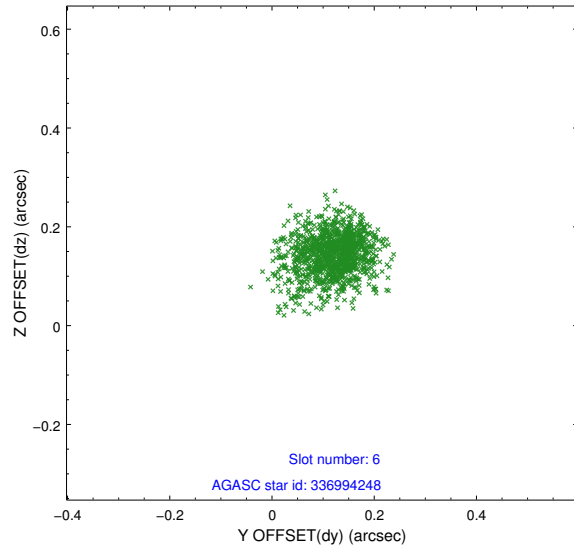
2.4.2 Slot 4



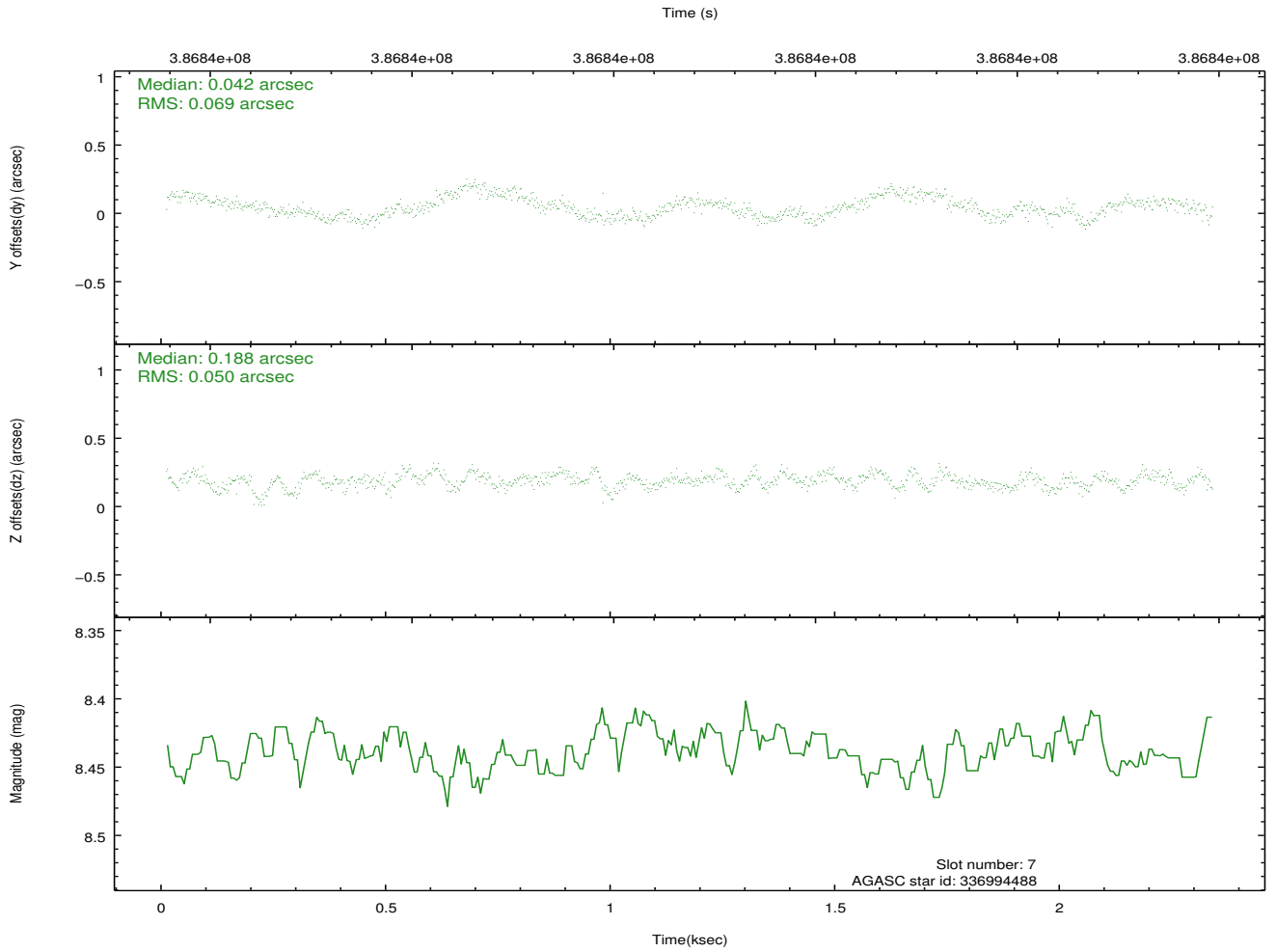
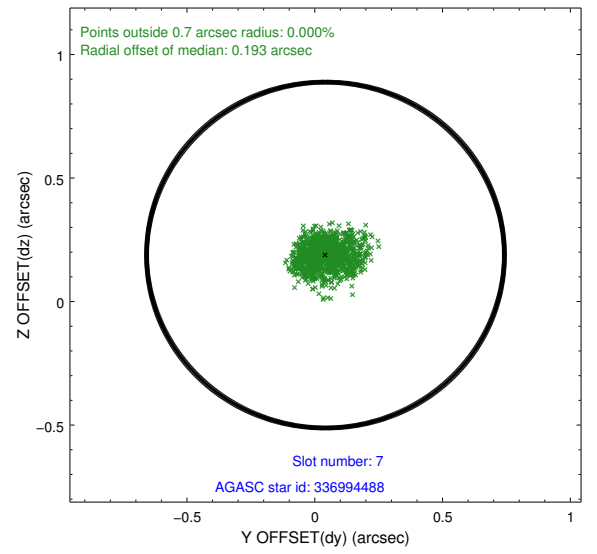
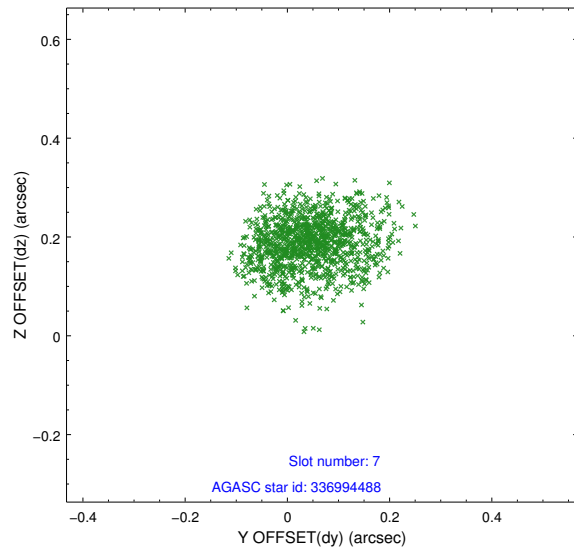
2.4.3 Slot 5



2.4.4 Slot 6

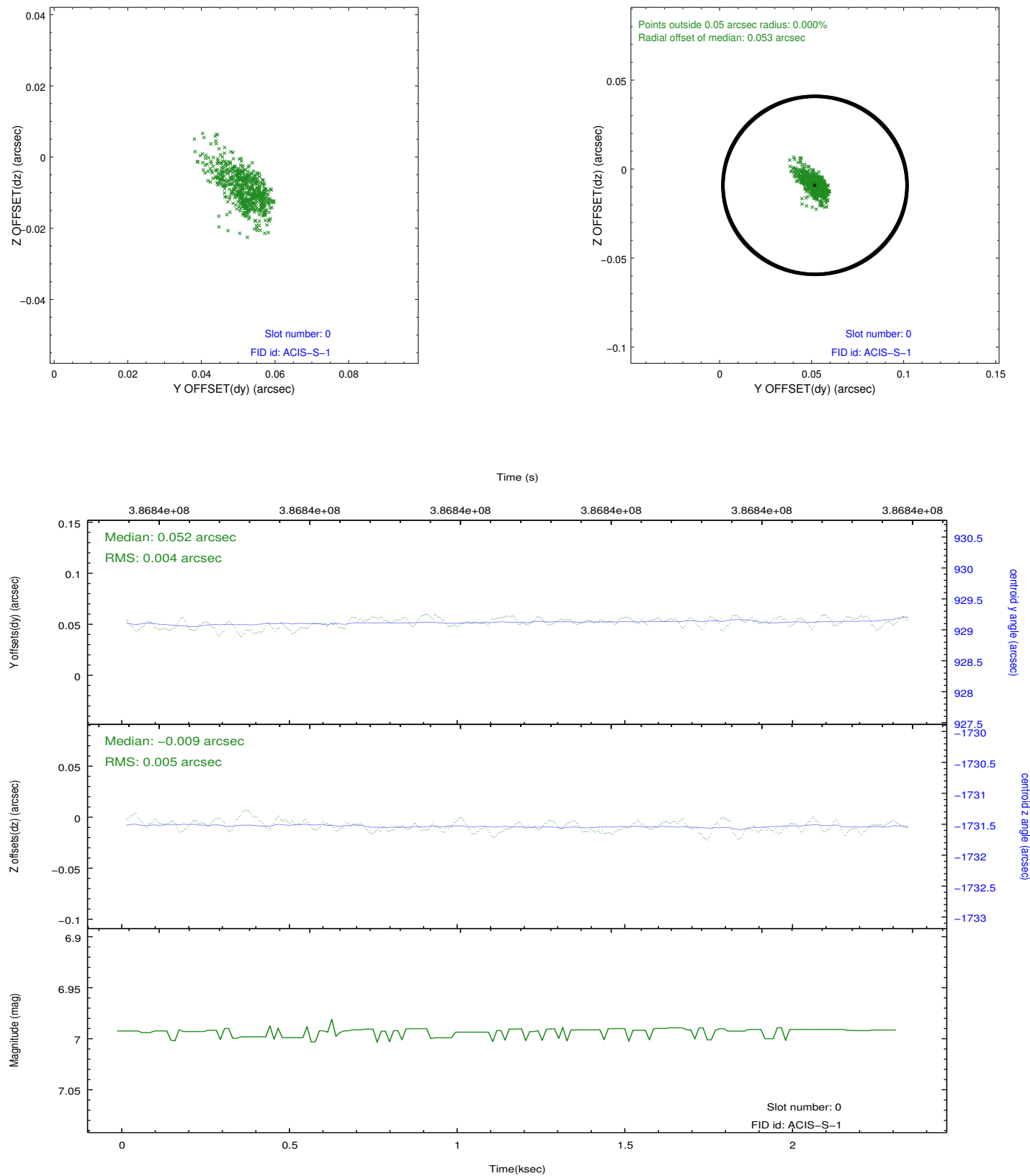


2.4.5 Slot 7

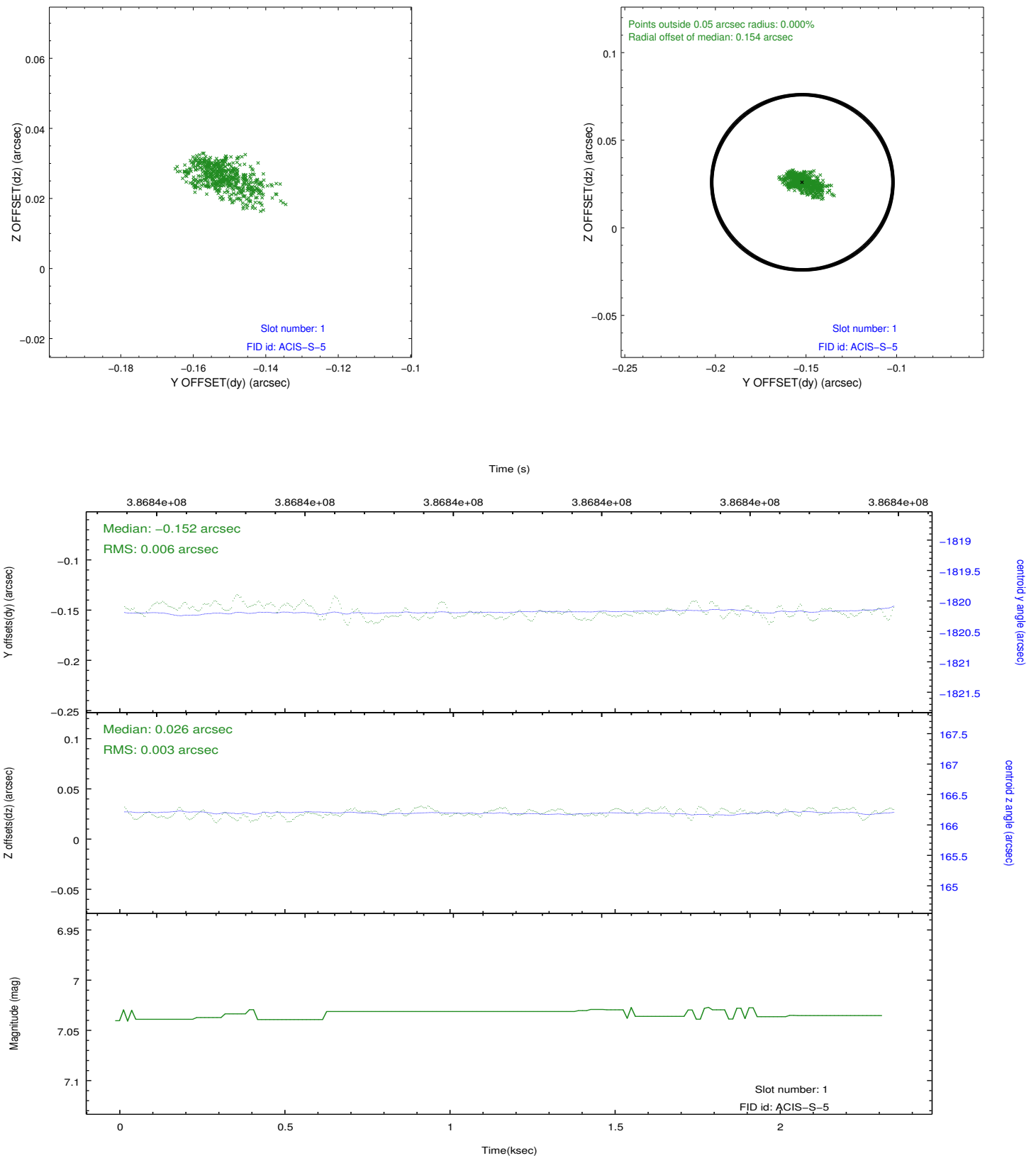


2.5 FID Slots

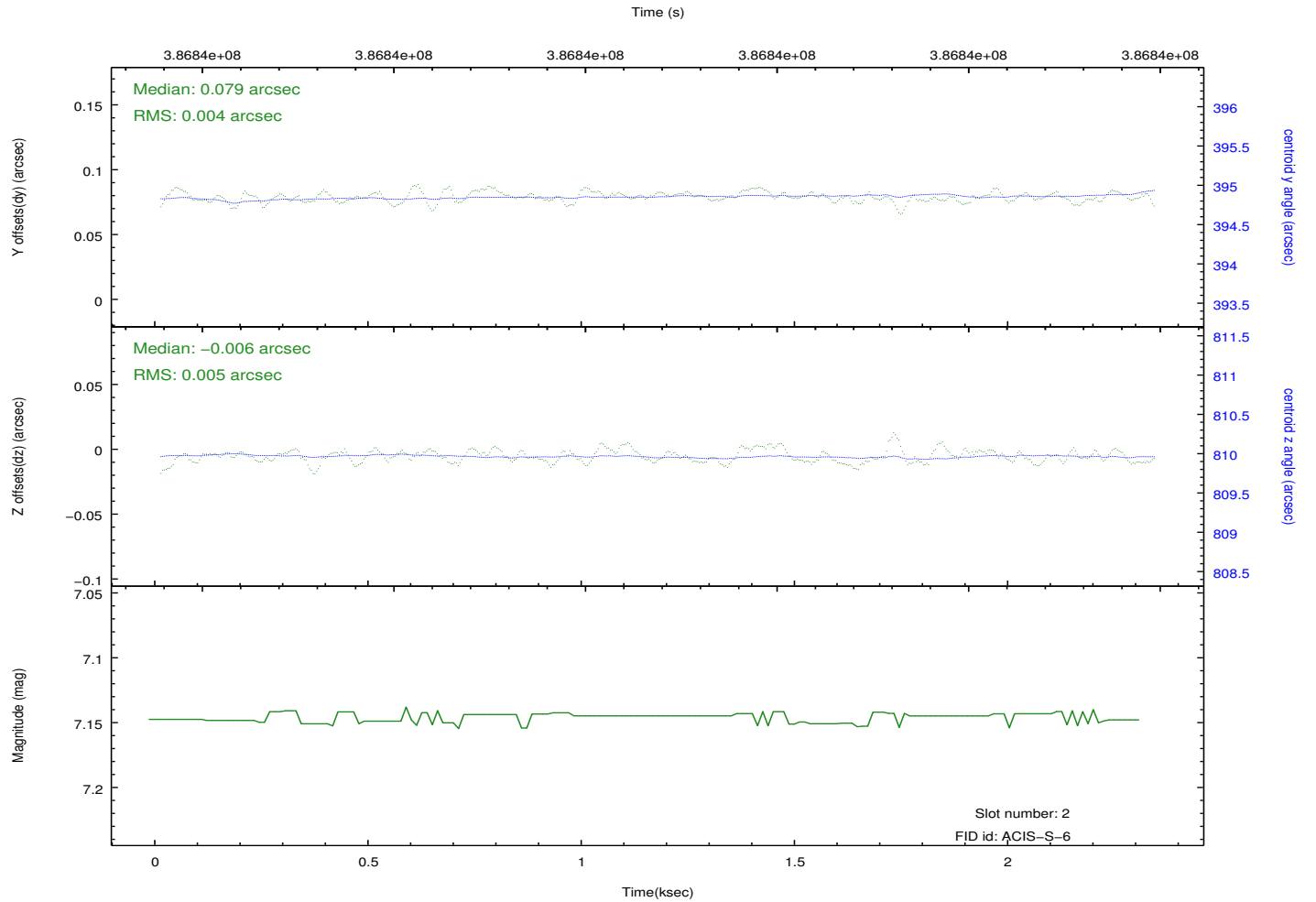
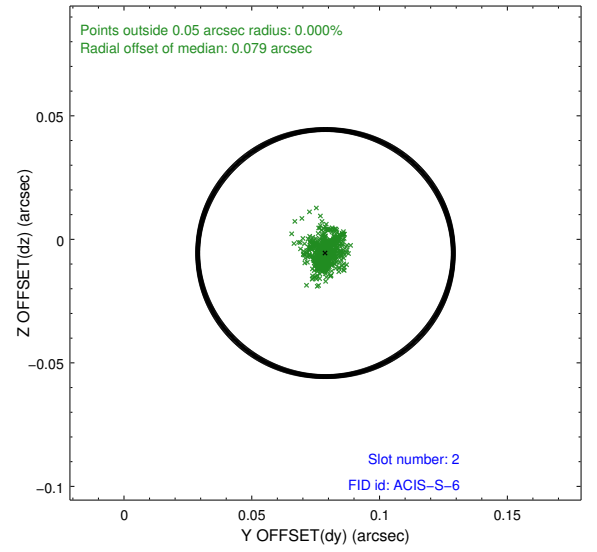
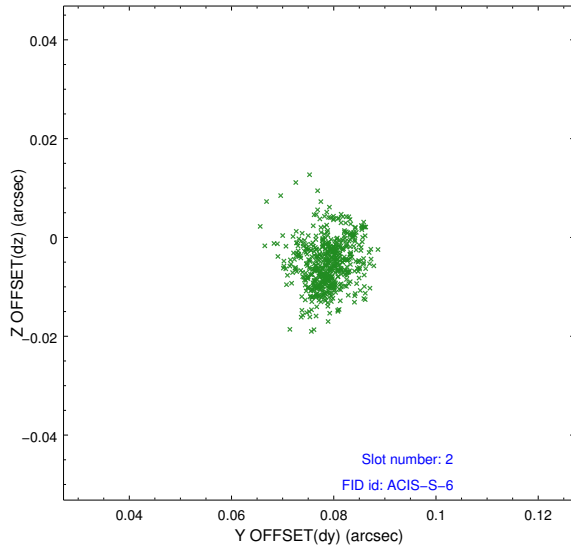
2.5.1 Slot 0



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)	2012.06.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.0095998802185

A.2 Comments