

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11484 - L2 Version 2
Chandra X-Ray Center

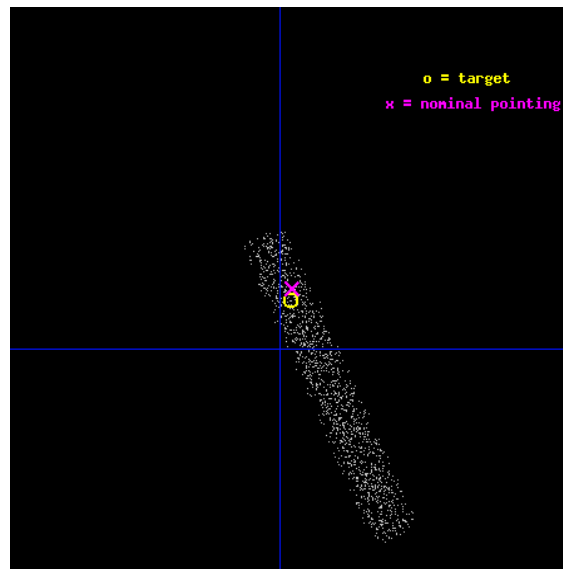
L2 Processing Date : Jun 19 2012

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1 Front

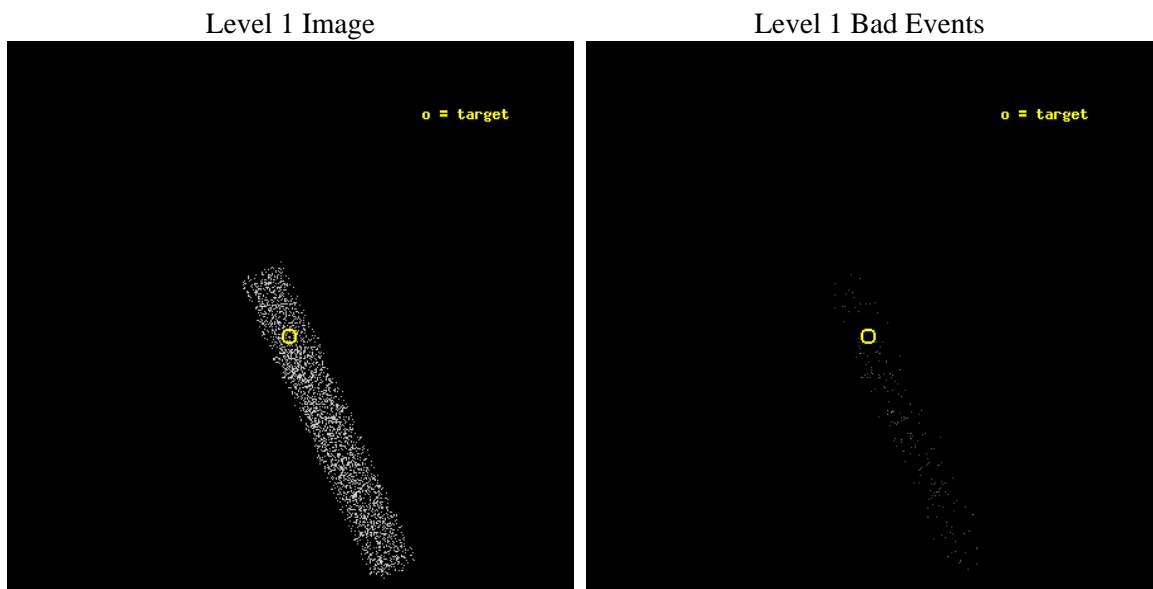
seq_num	702070	Sequence number
obs_id	11484	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J163228.88-002843.8	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	248.120417	Observer's specified target RA [deg]
dec_targ	-0.478833	Observer's specified target Dec [deg]
ra_nom	248.11981154213	Nominal RA [deg]
dec_nom	-0.47401036286149	Nominal Dec [deg]
roll_nom	65.83524917718	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2122.7998734713	Sum of GTIs [s]
livetime	1925.2674346737	Livetime [s]
ontime7	2122.7998734713	Sum of GTIs [s]
l2events	1480	Number of level 2 events



2 OBI

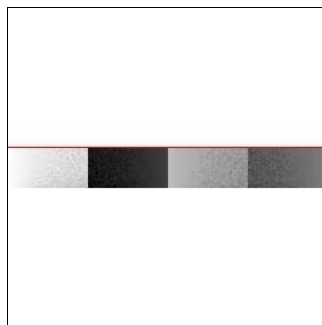
2.1 OBI

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	2122.7998734713	Sum of GTIs [s]
caldbver	4.4.10	 	ontime7	2122.7998734713	Sum of GTIs [s]
date	2012-06-19T22:11:40	Date and time of file creation	l1events	4734	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

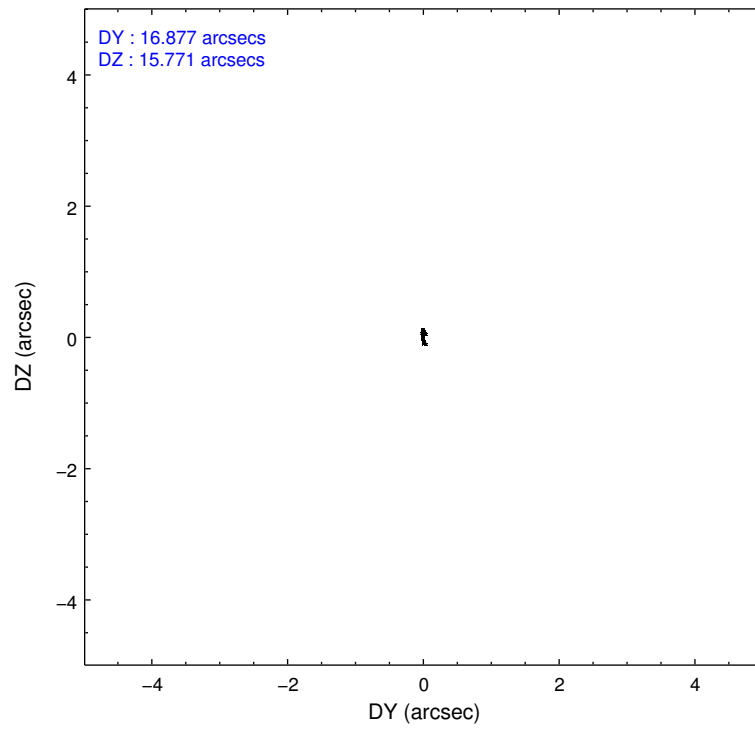
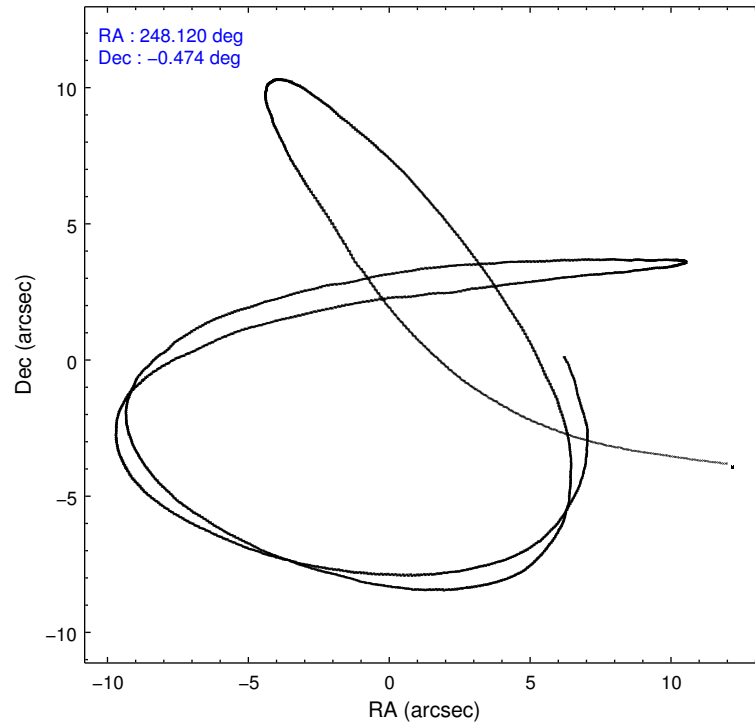
	ccd 7
level 1 events	4734
rejected events	3194
rejected %	67%

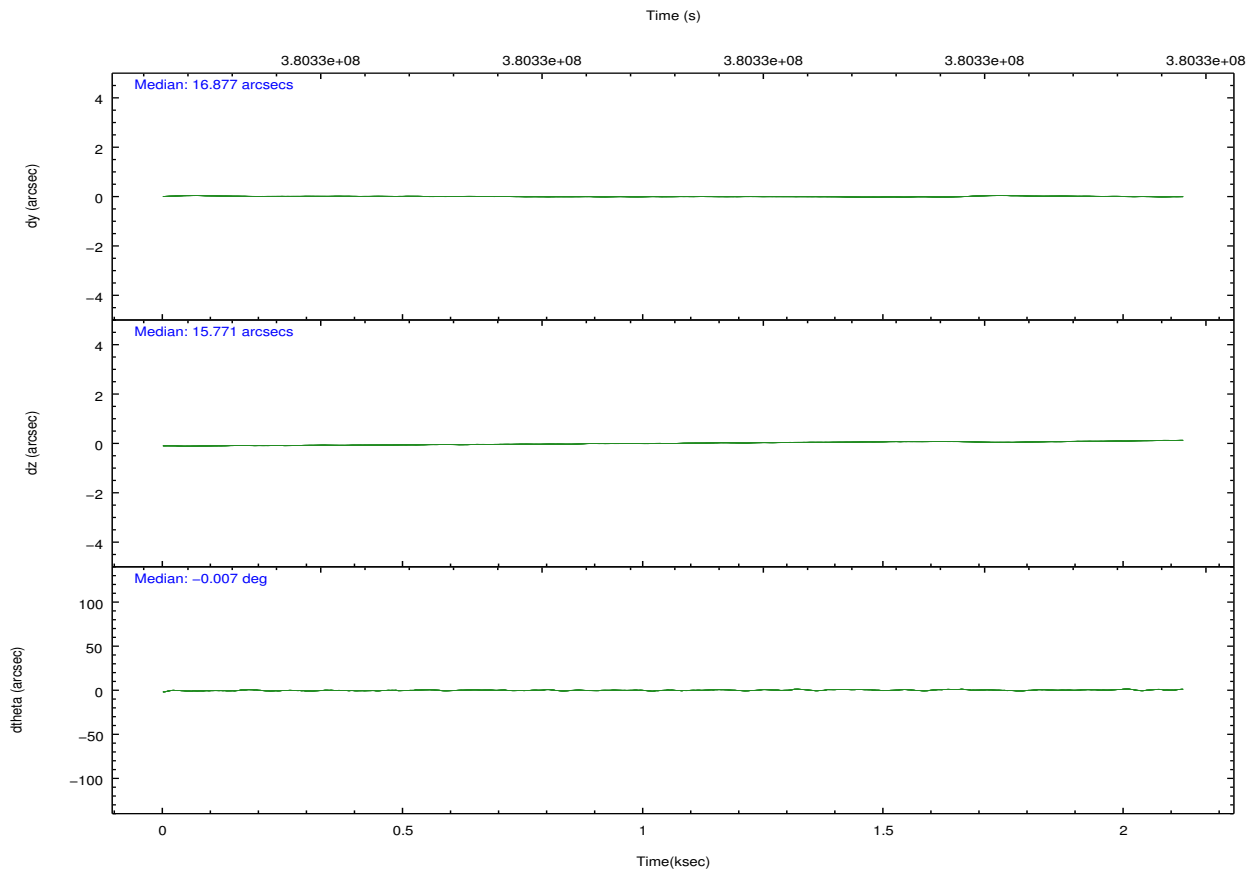
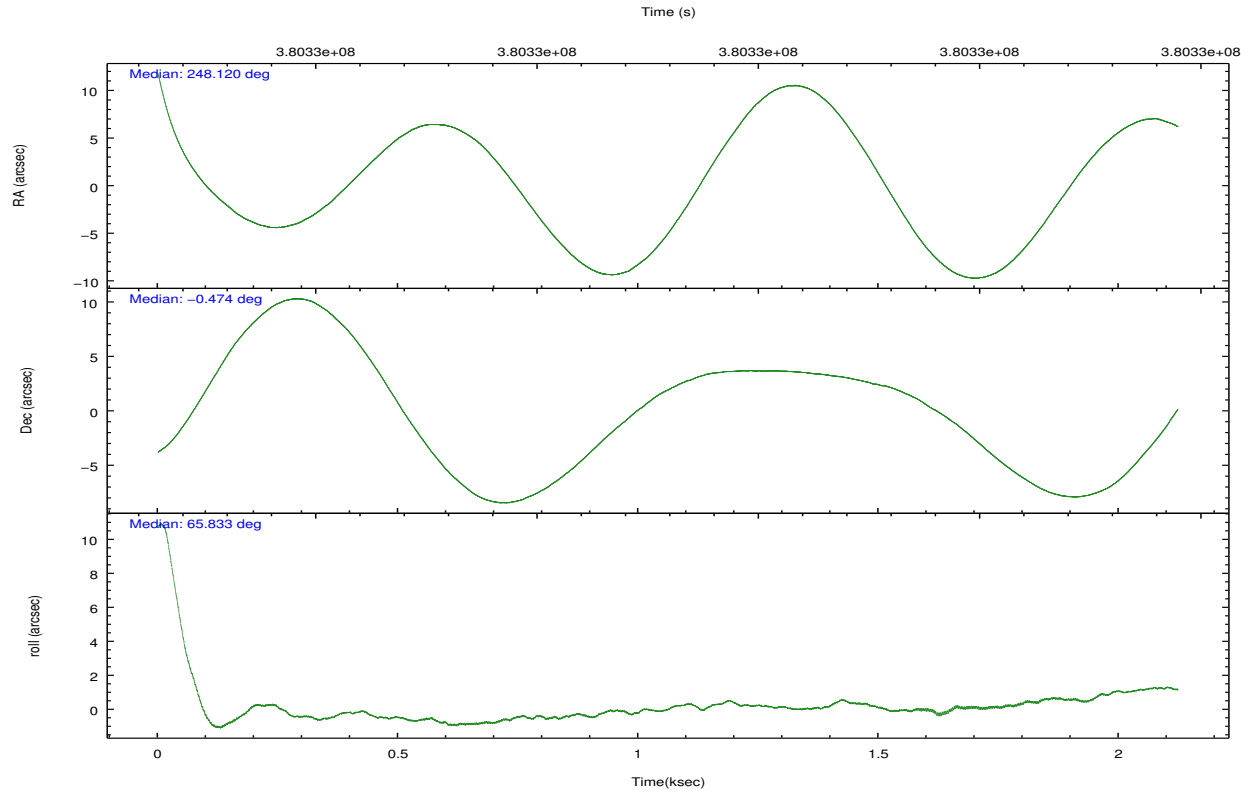
	ccd 7
grade 0 events	274
	5%
grade 1 events	5
	0%
grade 2 events	445
	9%
grade 3 events	303
	6%
grade 4 events	339
	7%
grade 5 events	461
	9%
grade 6 events	993
	20%
grade 7 events	1914
	40%

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	248.122934	248.1198115421285	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-0.501181	-0.4740103628614898	Subarray start row	449	449
[deg] Pointing Roll	65.678623	65.83524917718027	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)	380330365.184000	380329113.91954			
Observation start date	2010-01-19T23:18:19	2010-01-19T22:58:33			
[s] Observation end time (MET)	380332365.184000	380333470.68226			
Observation end date	2010-01-19T23:51:39	2010-01-20T00:11:10			
Read mode	TIMED	TIMED			

2.3 Aspect



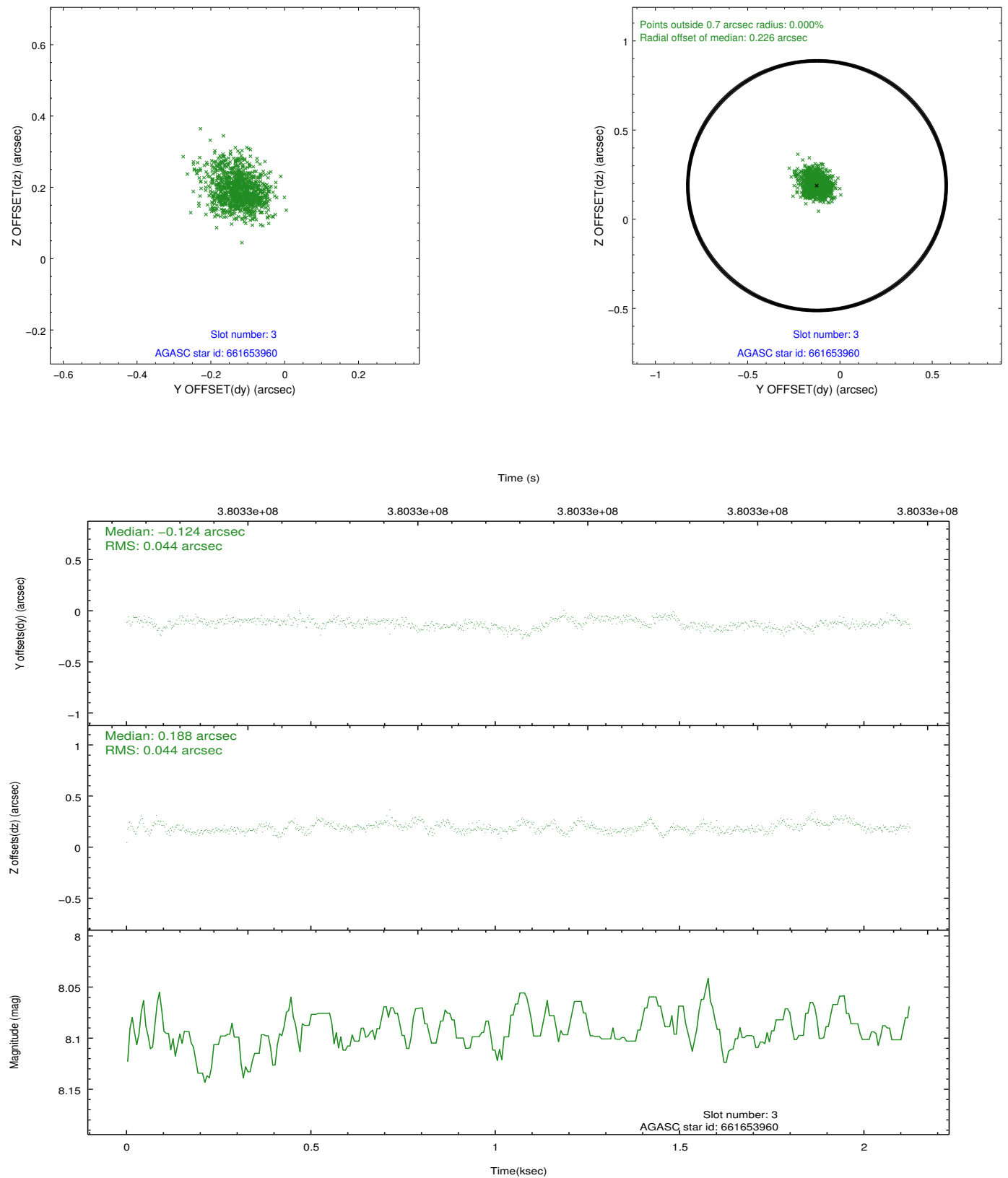


Slot Statistics

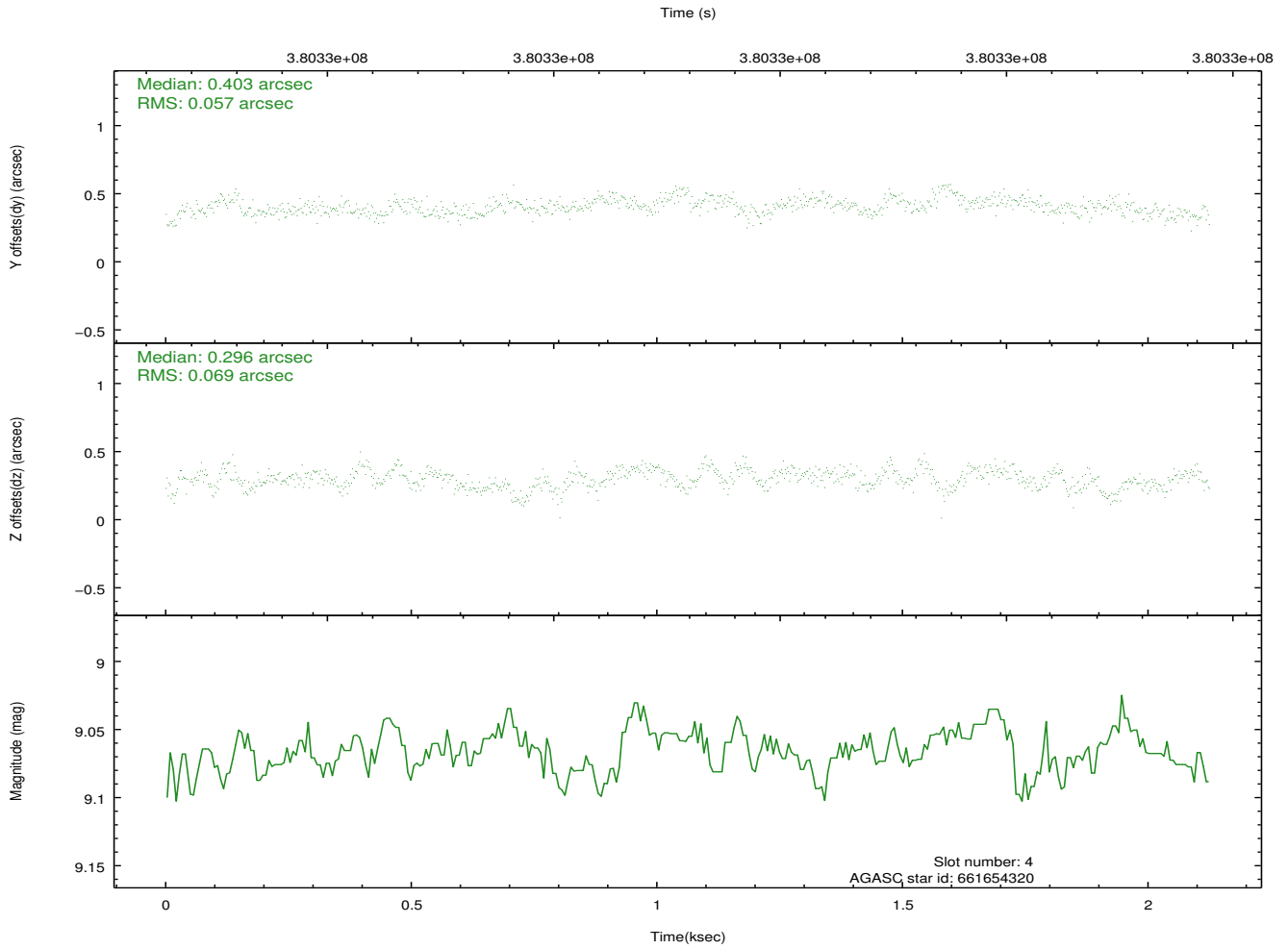
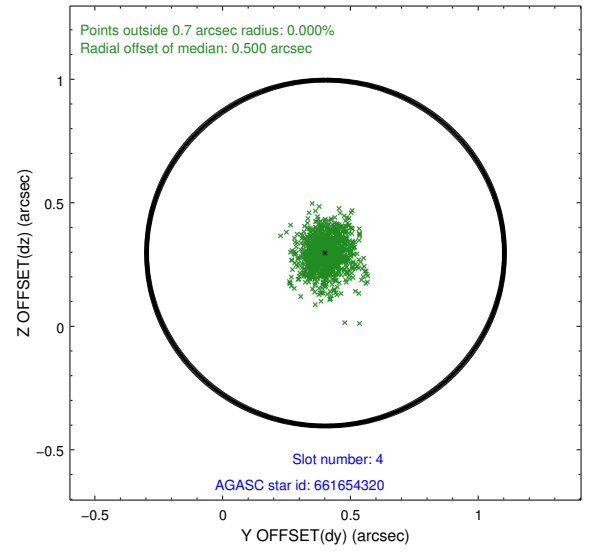
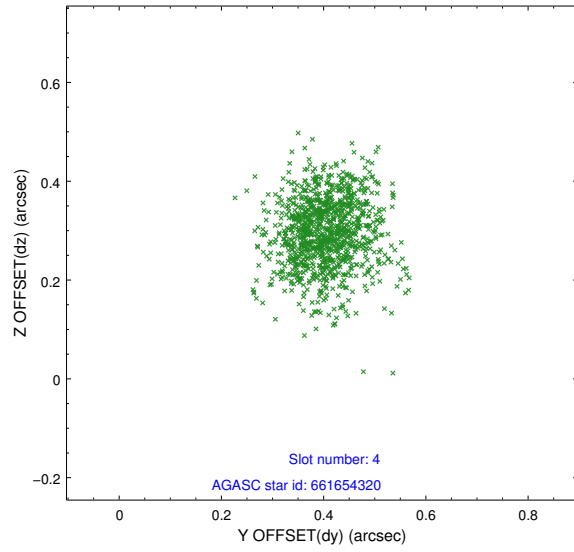
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.04	518	0.101	-0.123	0.008	0.014	0.000000	0.000000	926.28	-1732.90
1	FID	ACIS-S-5	7.09	518	-0.140	0.058	0.006	0.012	0.000000	0.000000	-1821.30	161.59
2	FID	ACIS-S-6	7.19	517	0.018	0.077	0.007	0.011	0.000000	0.000000	388.34	809.10
3	GUIDE	661653960	8.09	1037	-0.124	0.188	0.066	0.108	248.409721	-1.272899	-2106.67	-2084.67
4	GUIDE	661654320	9.07	1034	0.403	0.296	0.093	0.156	248.272517	-1.001080	-1420.82	-1233.45
5	GUIDE	661658224	8.14	1037	0.144	-0.157	0.059	0.095	247.509172	-0.800716	-1894.08	1567.62
6	GUIDE	661658672	7.84	1035	-0.230	-0.305	0.072	0.106	247.666782	-0.152751	464.53	2014.34
7	GUIDE	661658856	7.47	1036	-0.188	-0.031	0.064	0.096	247.956825	-0.042533	1258.53	1227.01

2.4 Star Slots

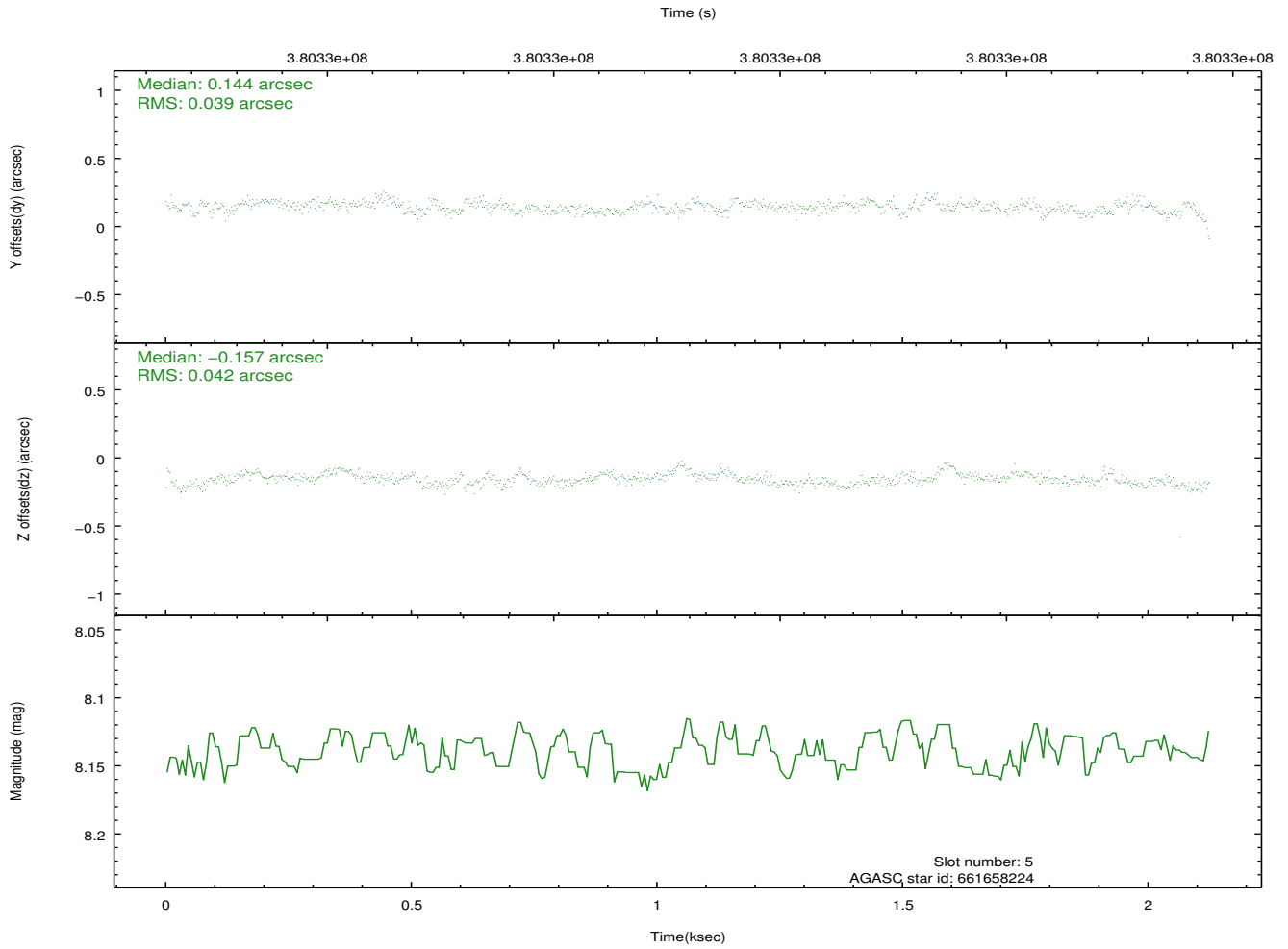
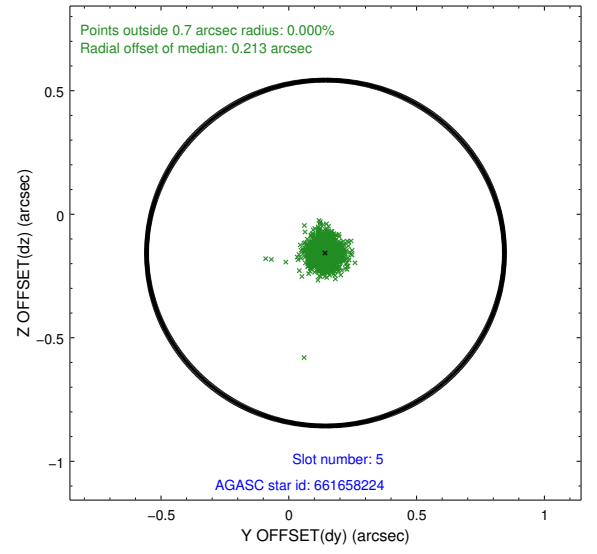
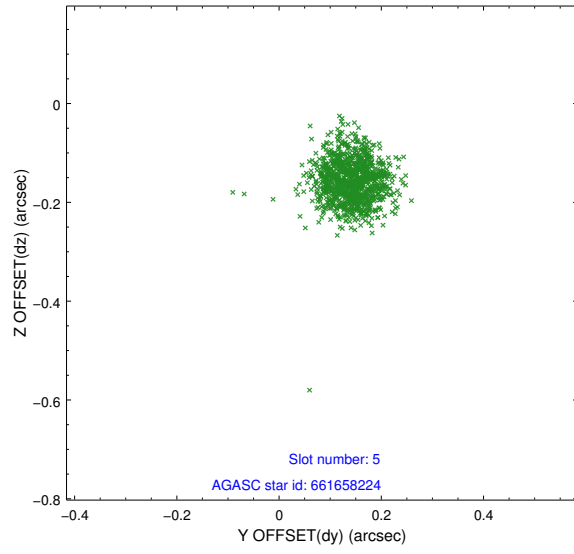
2.4.1 Slot 3



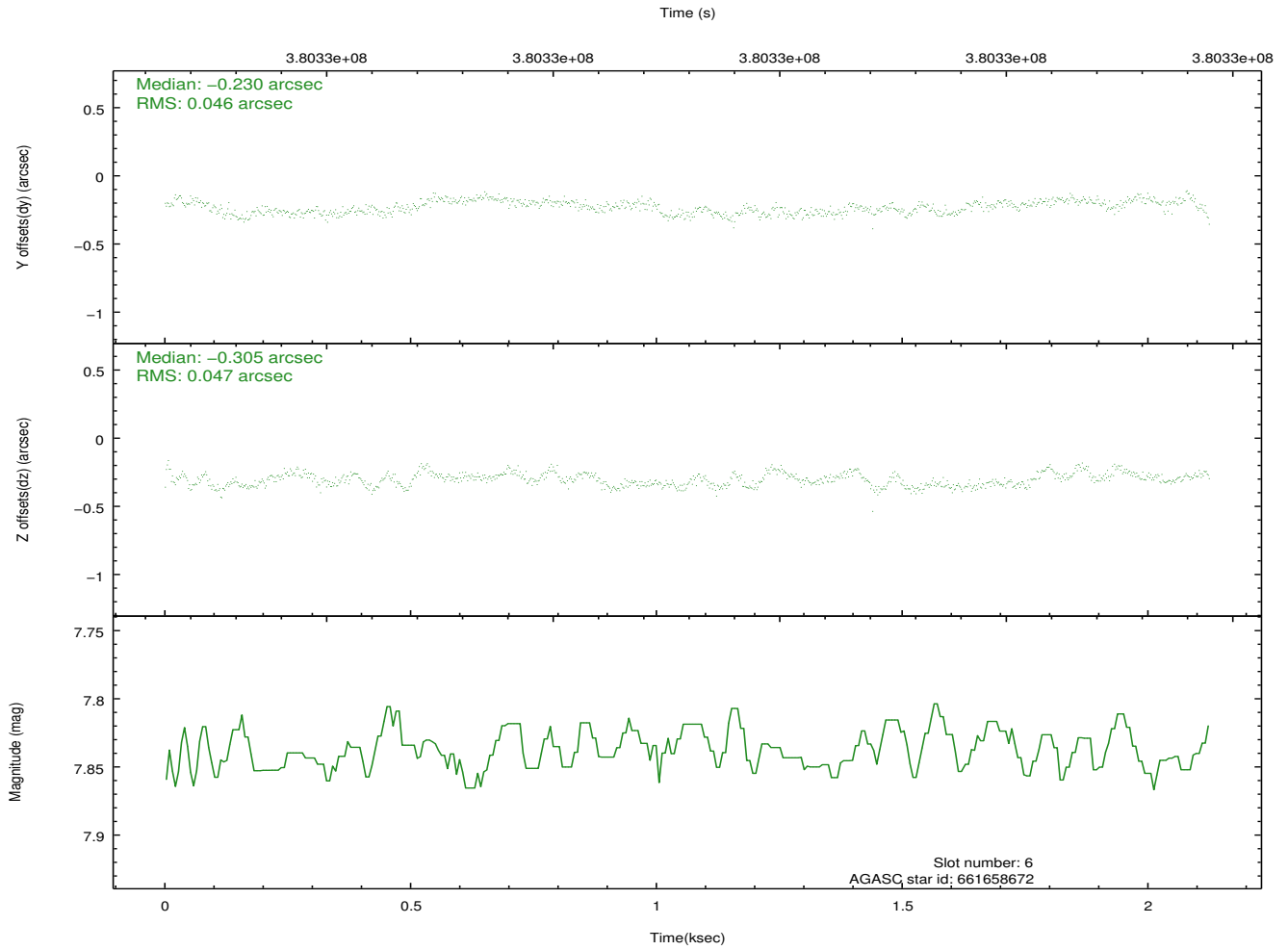
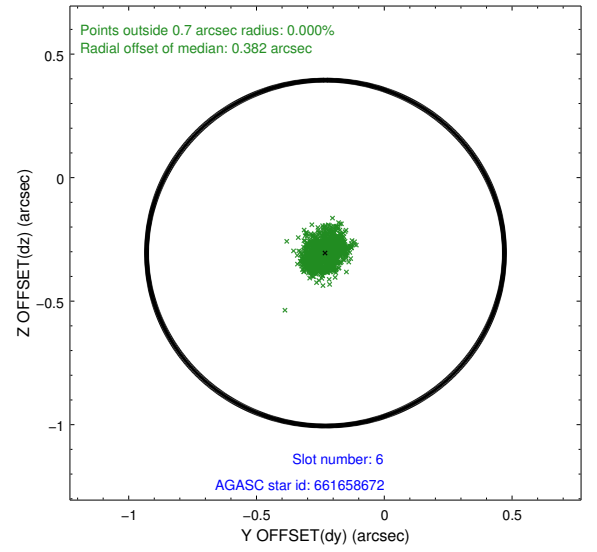
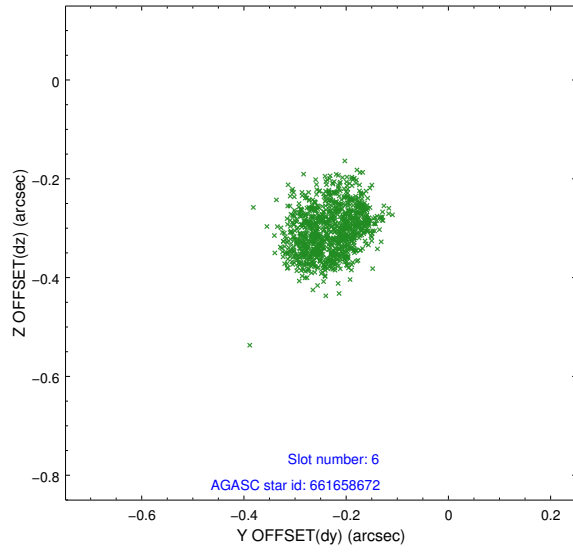
2.4.2 Slot 4



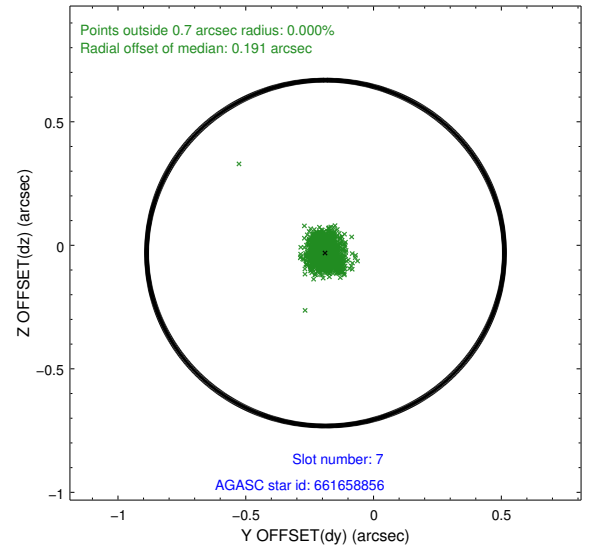
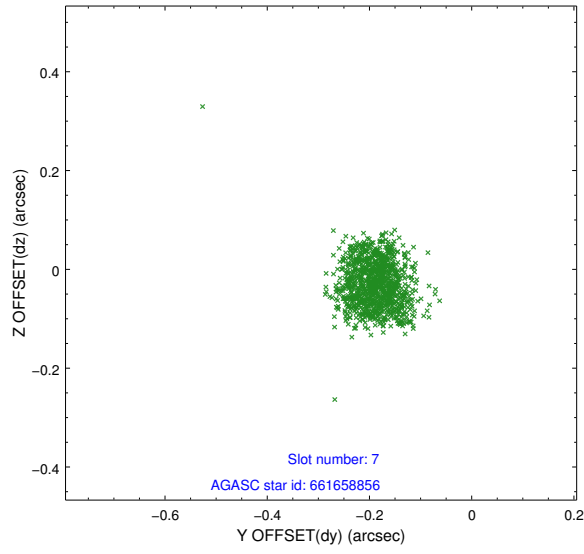
2.4.3 Slot 5



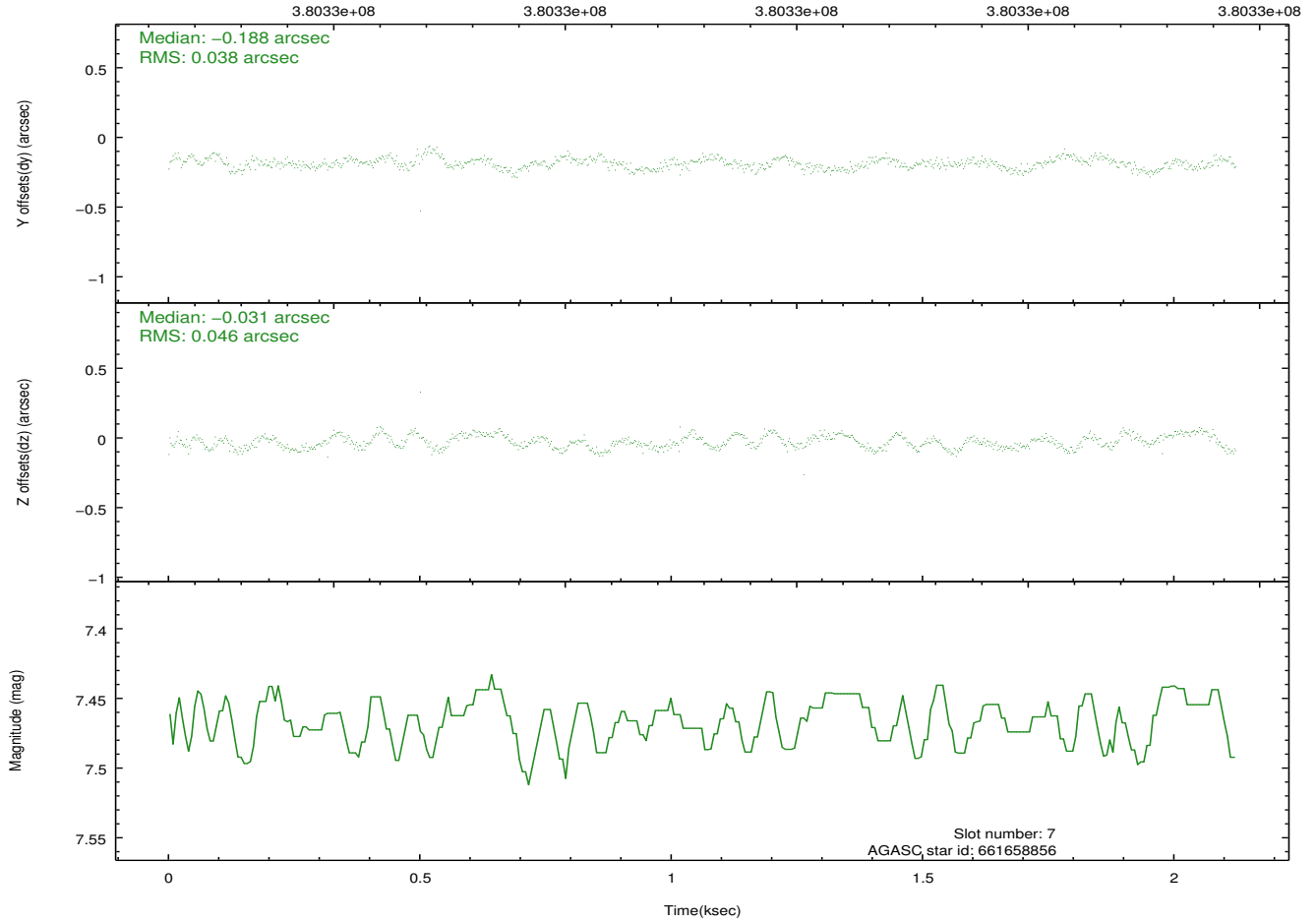
2.4.4 Slot 6



2.4.5 Slot 7

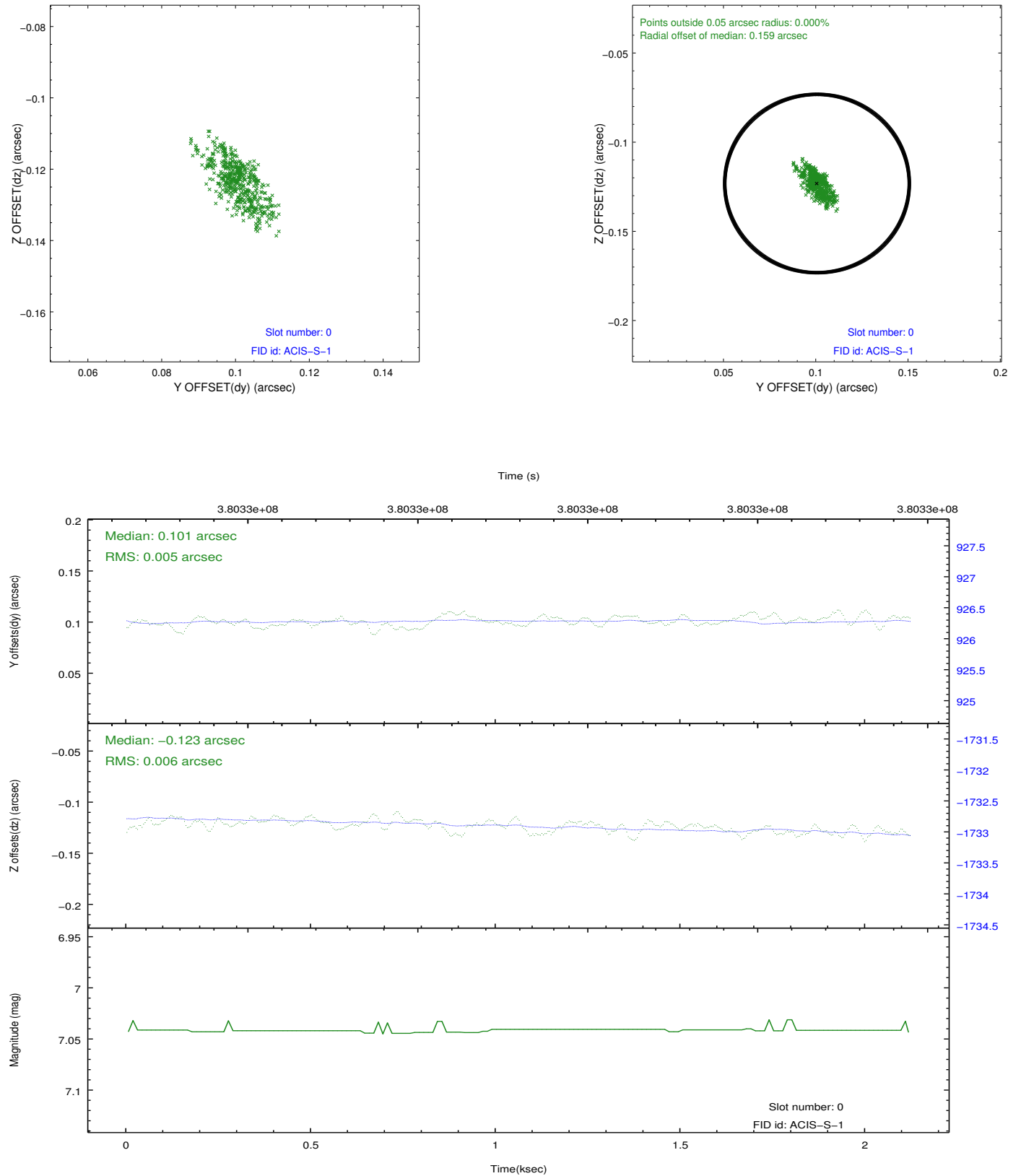


Time (s)

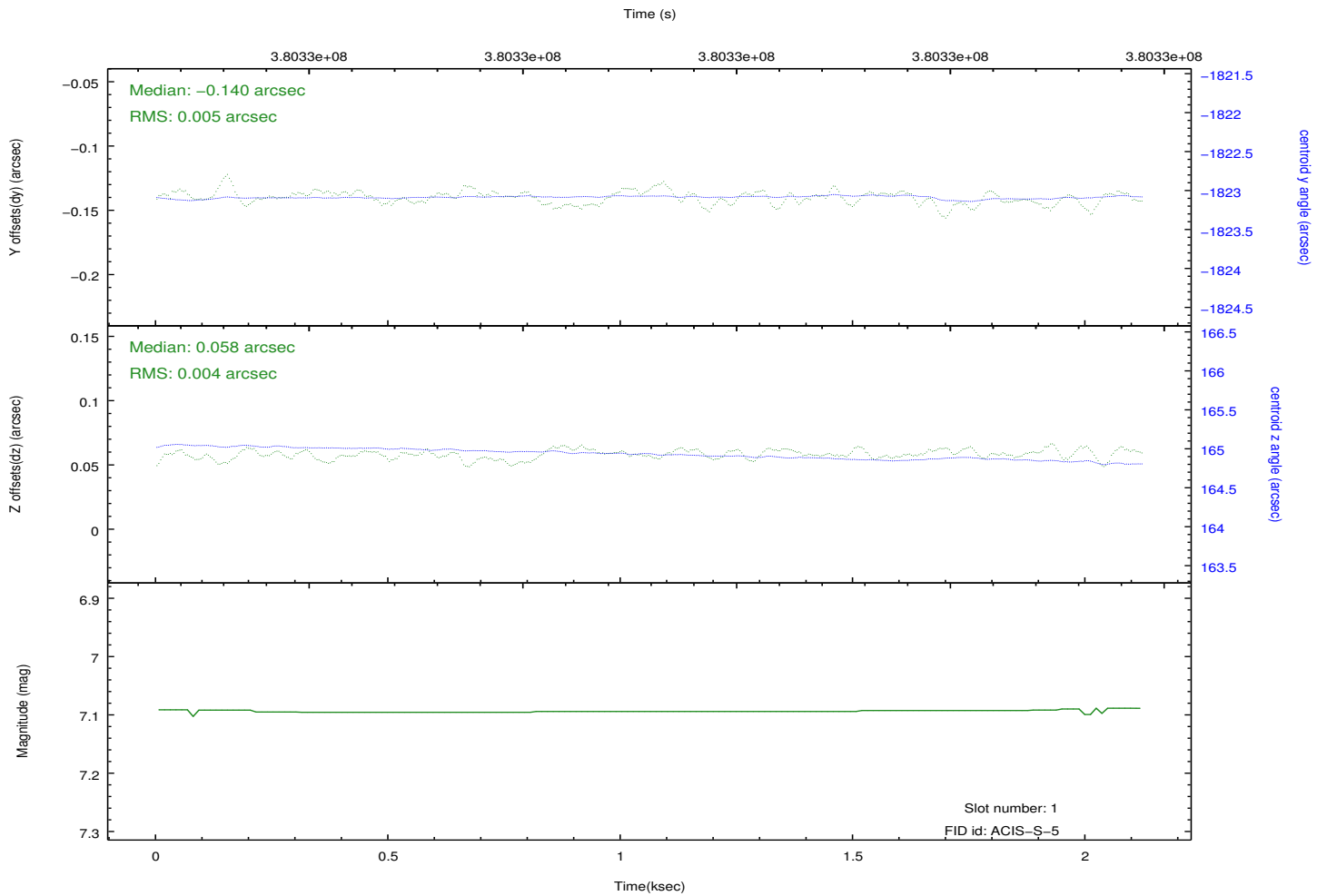
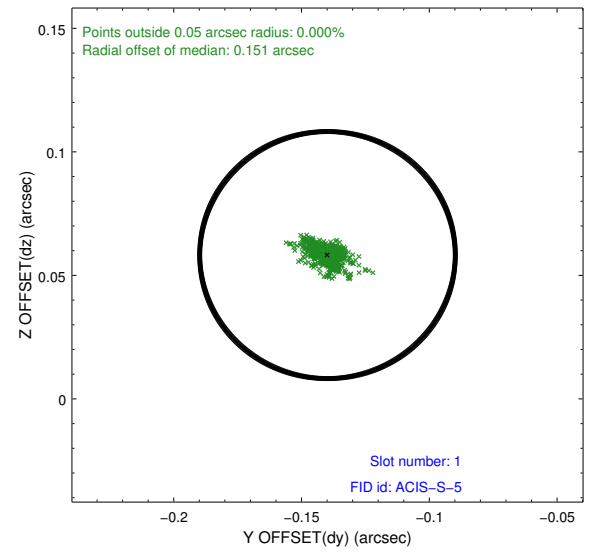
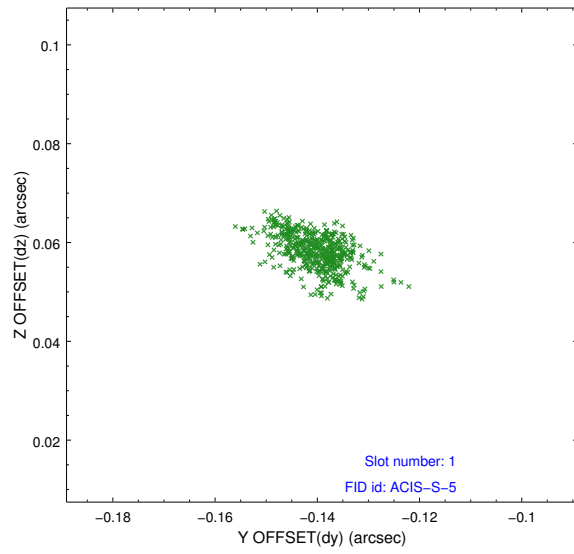


2.5 FID Slots

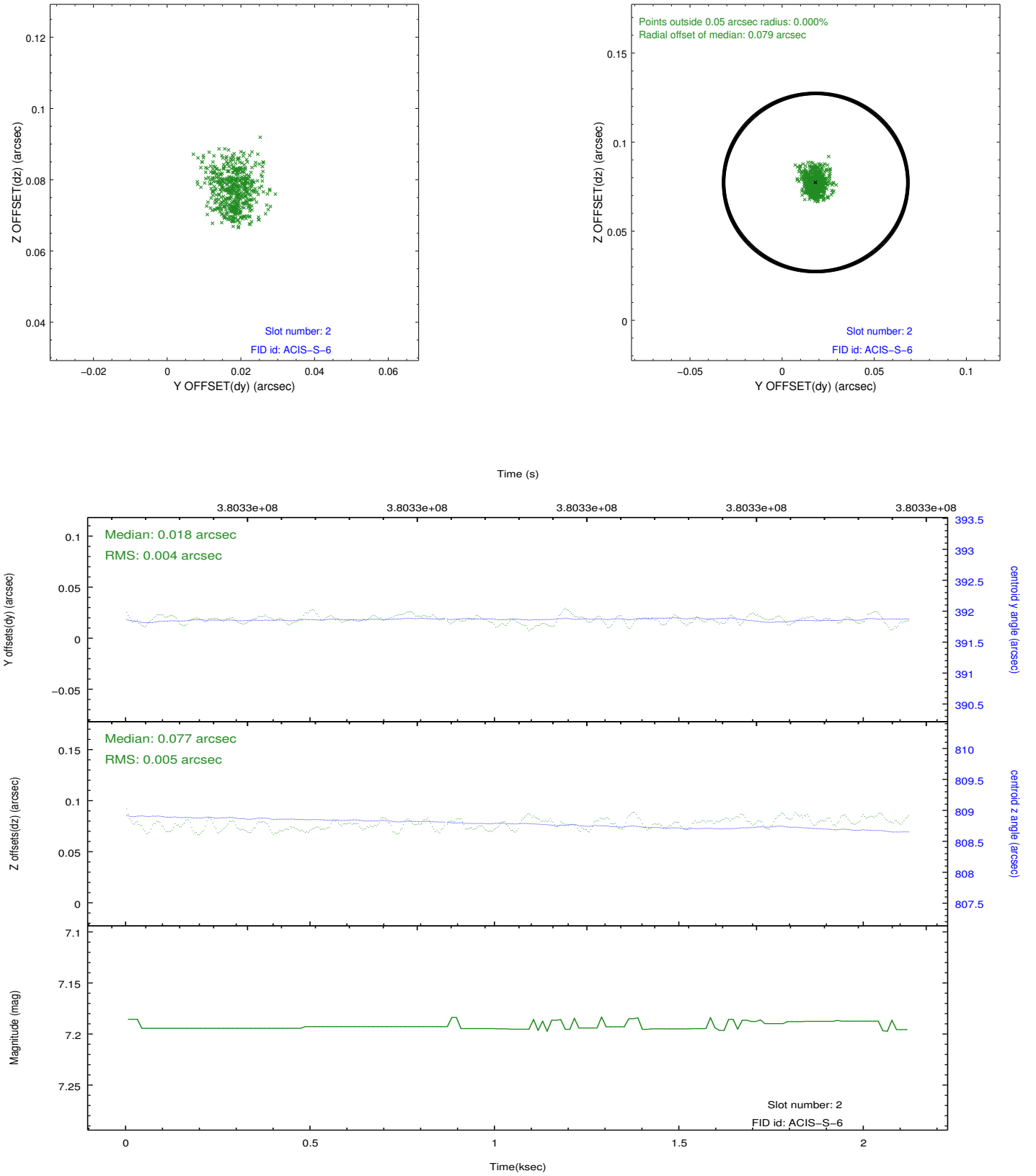
2.5.1 Slot 0



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)	2012.06.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1227998734713

A.2 Comments