

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11481 - L2 Version 2
Chandra X-Ray Center

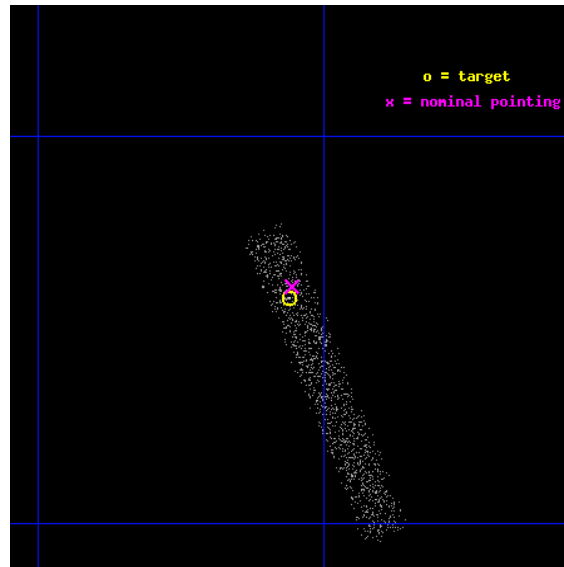
L2 Processing Date : Jun 20 2012

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1 Front

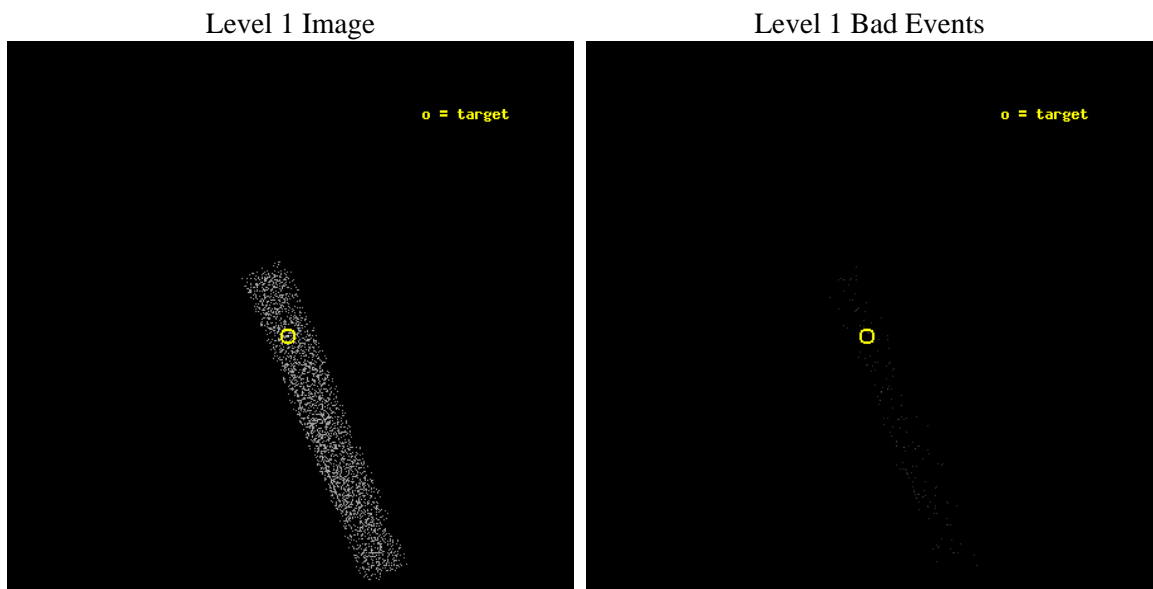
seq_num	702067	Sequence number
obs_id	11481	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J162403.63-005410.3	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	246.015	Observer's specified target RA [deg]
dec_targ	-0.902861	Observer's specified target Dec [deg]
ra_nom	246.01419337475	Nominal RA [deg]
dec_nom	-0.89810051311363	Nominal Dec [deg]
roll_nom	67.910662166353	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2143.5998722315	Sum of GTIs [s]
livetime	1944.1319356353	Livetime [s]
ontime7	2143.5998722315	Sum of GTIs [s]
l2events	1509	Number of level 2 events



2 OBI

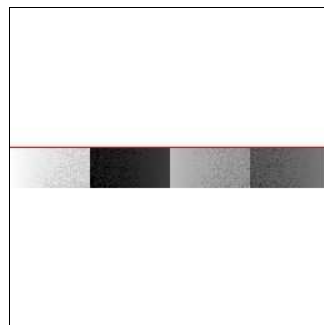
2.1 OBI

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	2143.5998722315	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	2143.5998722315	Sum of GTIs [s]
date	2012-06-20T11:30:52	Date and time of file creation	l1events	4511	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

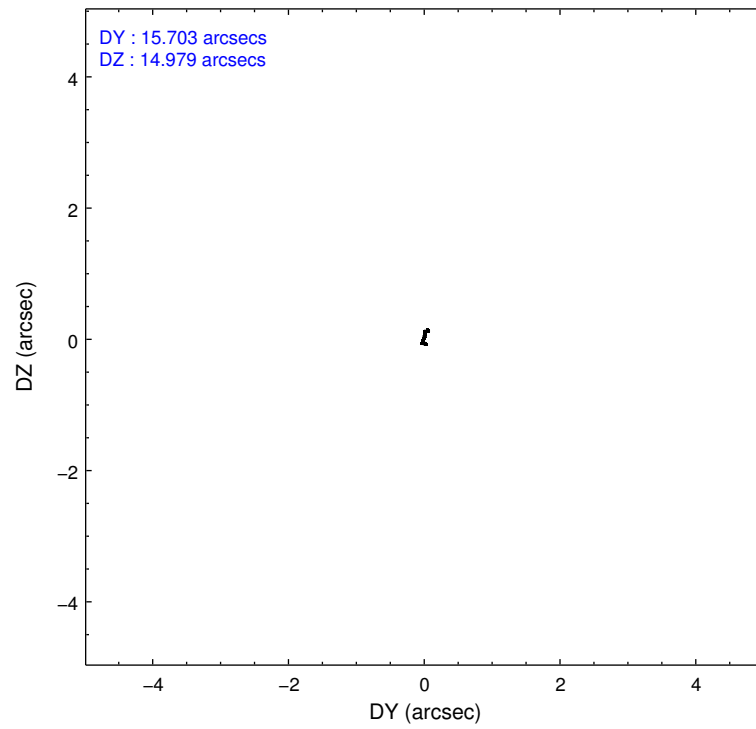
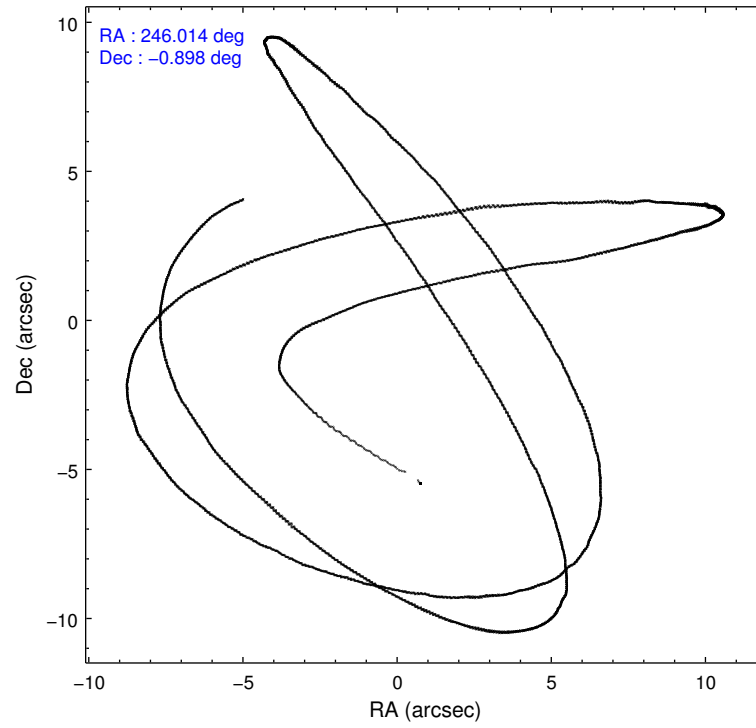
	ccd 7
level 1 events	4511
rejected events	2941
rejected %	65%

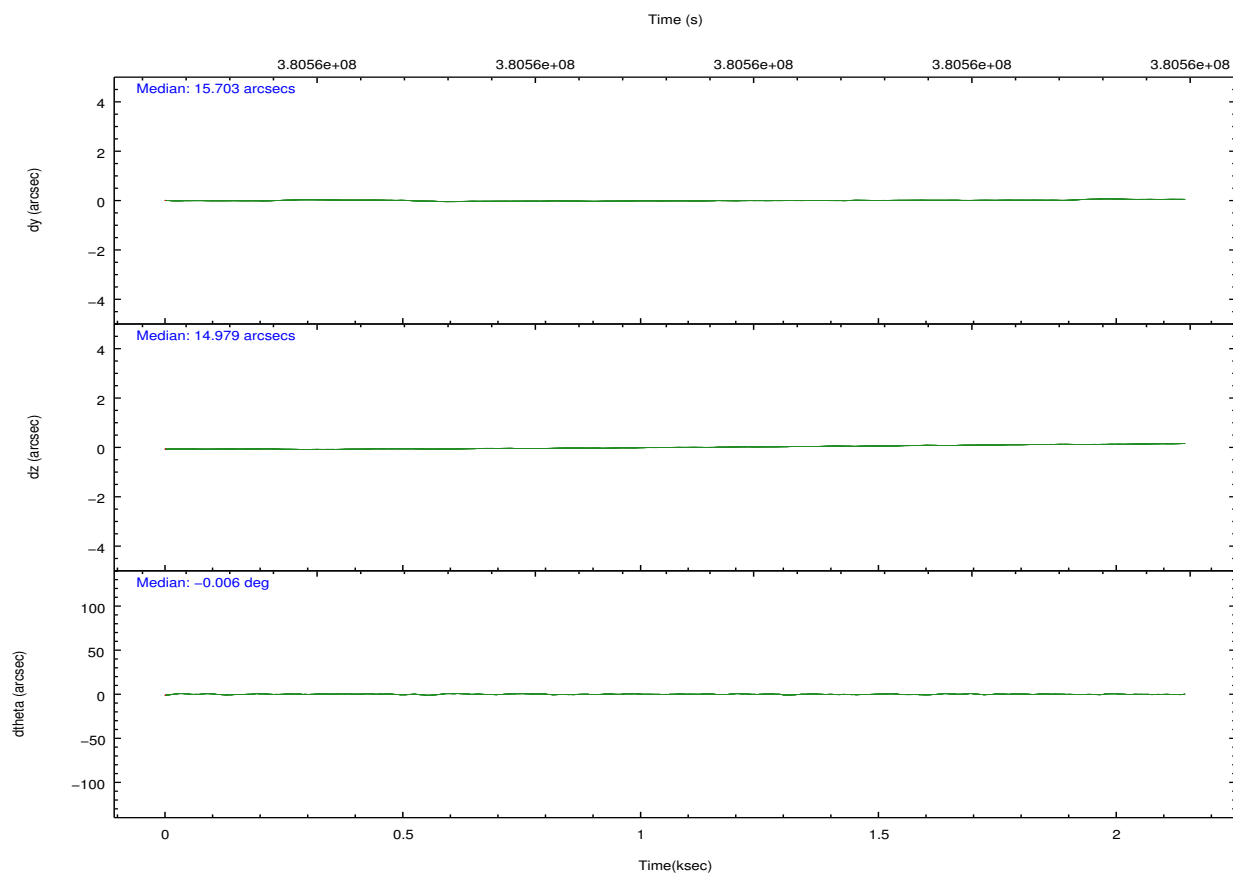
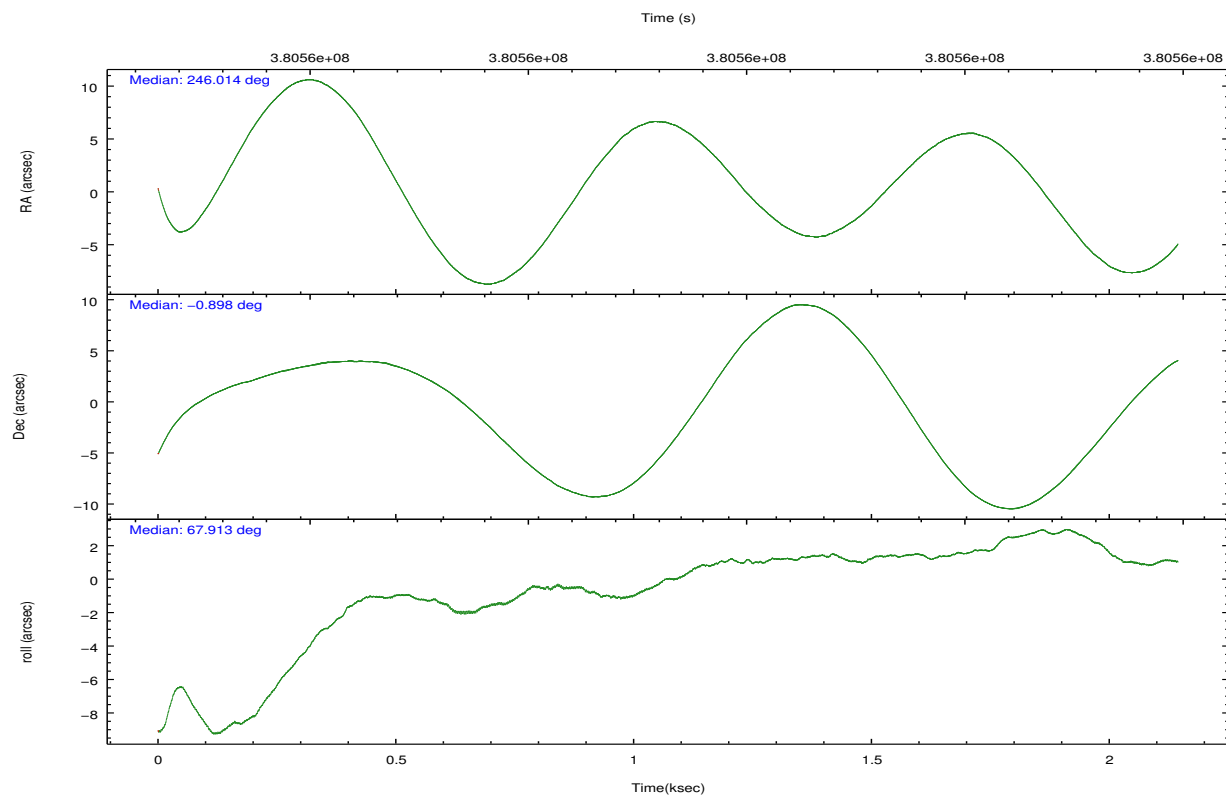
	ccd 7
grade 0 events	261
	5%
grade 1 events	7
	0%
grade 2 events	449
	9%
grade 3 events	308
	6%
grade 4 events	284
	6%
grade 5 events	487
	10%
grade 6 events	1014
	22%
grade 7 events	1701
	37%

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	246.018325	246.0141933747512	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-0.925104	-0.8981005131136313	Subarray start row	449	449
[deg] Pointing Roll	67.754122	67.91066216635313	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)	380561394.184000	380560245.79375			
Observation start date	2010-01-22T15:28:48	2010-01-22T15:10:45			
[s] Observation end time (MET)	380563394.184000	380564484.68146			
Observation end date	2010-01-22T16:02:08	2010-01-22T16:21:24			
Read mode	TIMED	TIMED			

2.3 Aspect



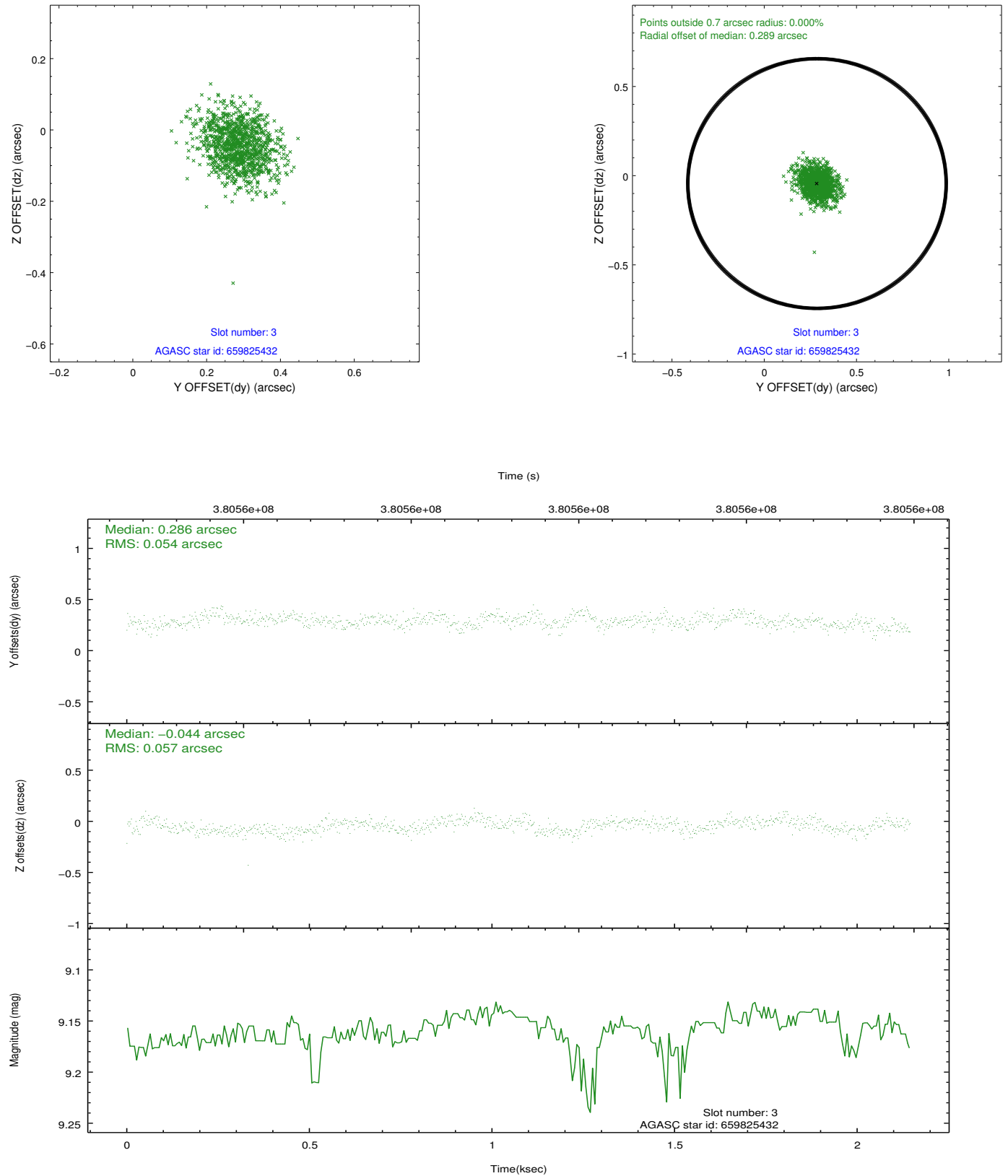


Slot Statistics

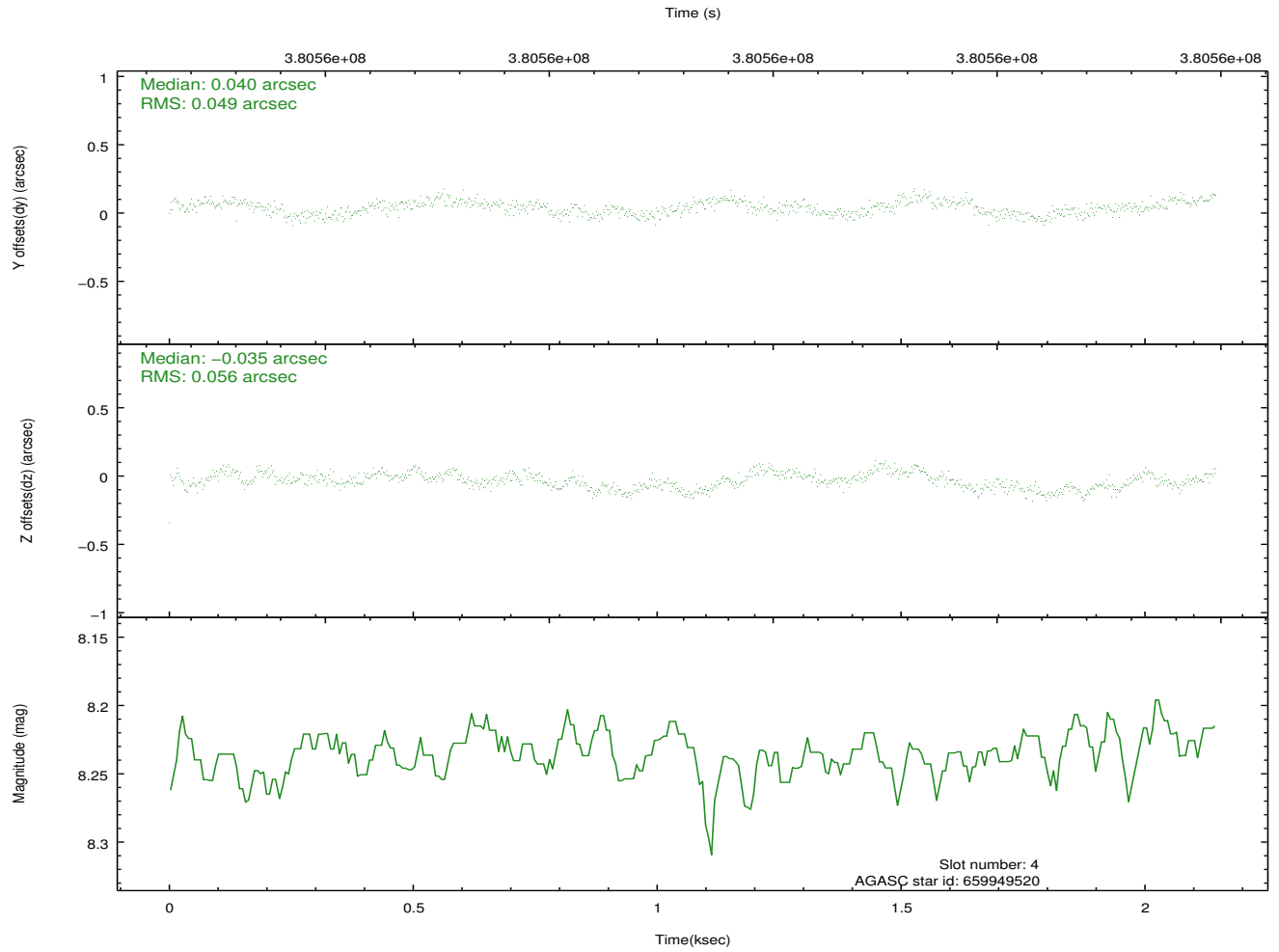
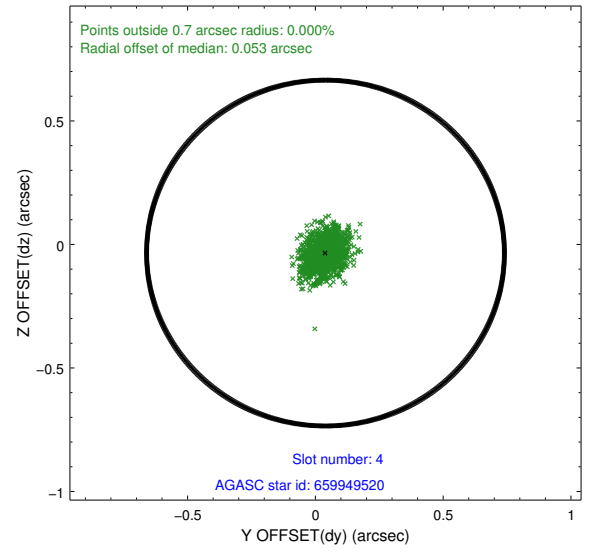
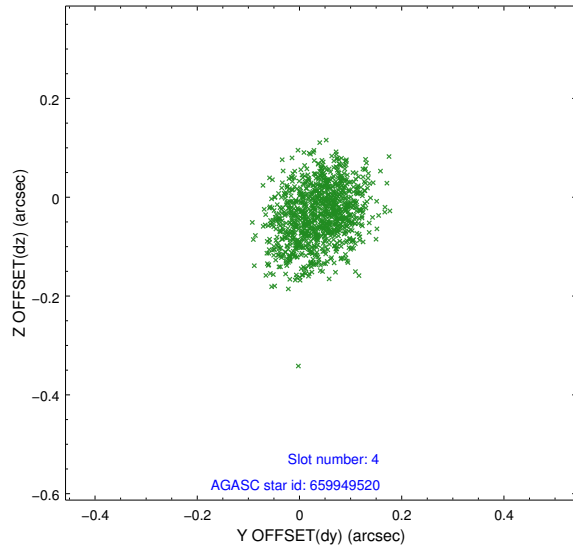
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.02	524	0.011	-0.019	0.007	0.012	0.000000	0.000000	927.37	-1731.96
1	FID	ACIS-S-4	7.04	524	0.139	0.013	0.007	0.012	0.000000	0.000000	2146.56	169.10
2	FID	ACIS-S-5	7.07	524	-0.177	0.019	0.006	0.012	0.000000	0.000000	-1817.82	166.10
3	GUIDE	659825432	9.16	1046	0.286	-0.044	0.084	0.136	245.381186	-1.250165	-1951.23	1679.38
4	GUIDE	659949520	8.24	1046	0.040	-0.035	0.081	0.126	245.789348	-0.708058	407.09	1060.56
5	GUIDE	659949744	7.91	1047	-0.199	0.087	0.057	0.090	245.800340	-0.565240	901.99	1217.69
6	GUIDE	659950792	7.72	1047	0.055	0.058	0.068	0.116	245.774659	-0.856177	-101.57	907.14
7	GUIDE	659952736	8.25	1046	-0.182	-0.067	0.076	0.128	245.781600	-0.263517	1881.25	1691.64

2.4 Star Slots

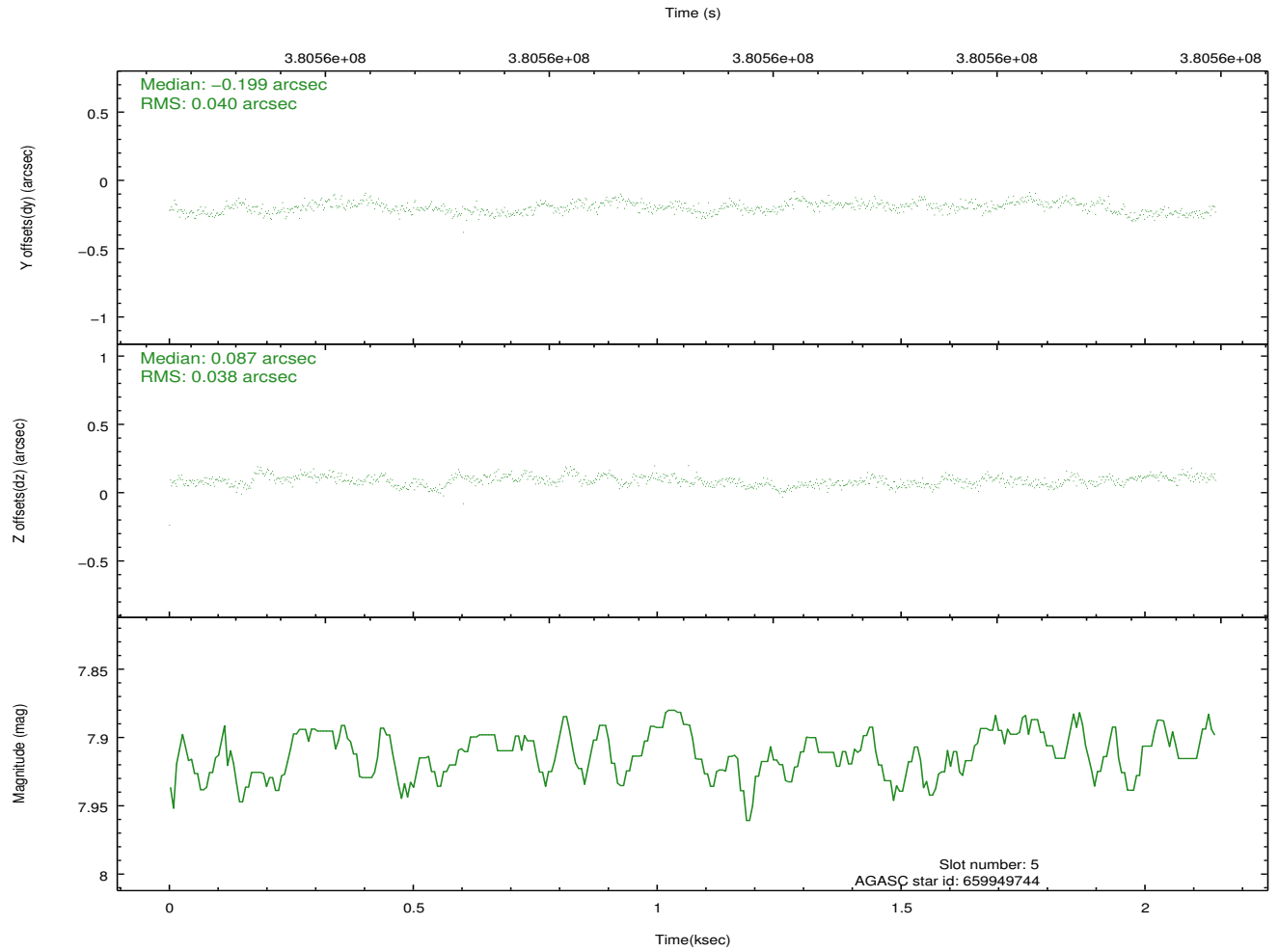
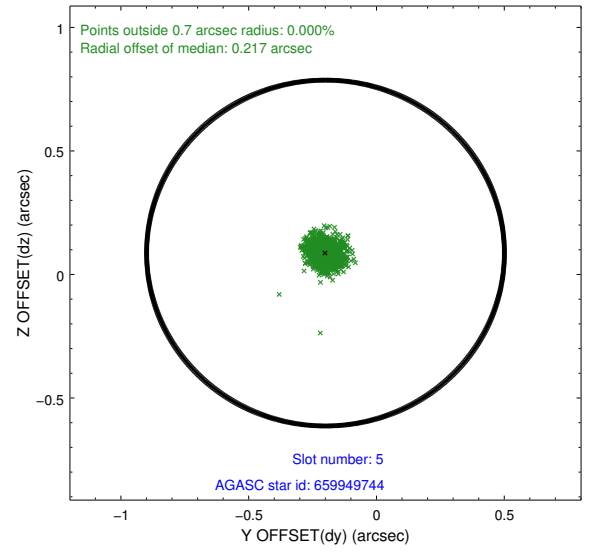
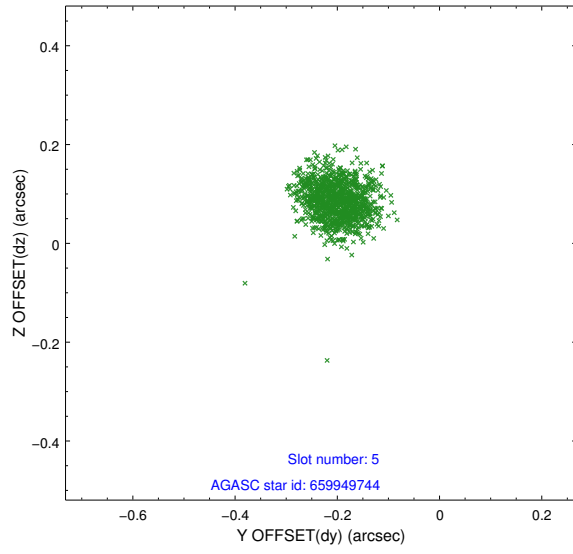
2.4.1 Slot 3



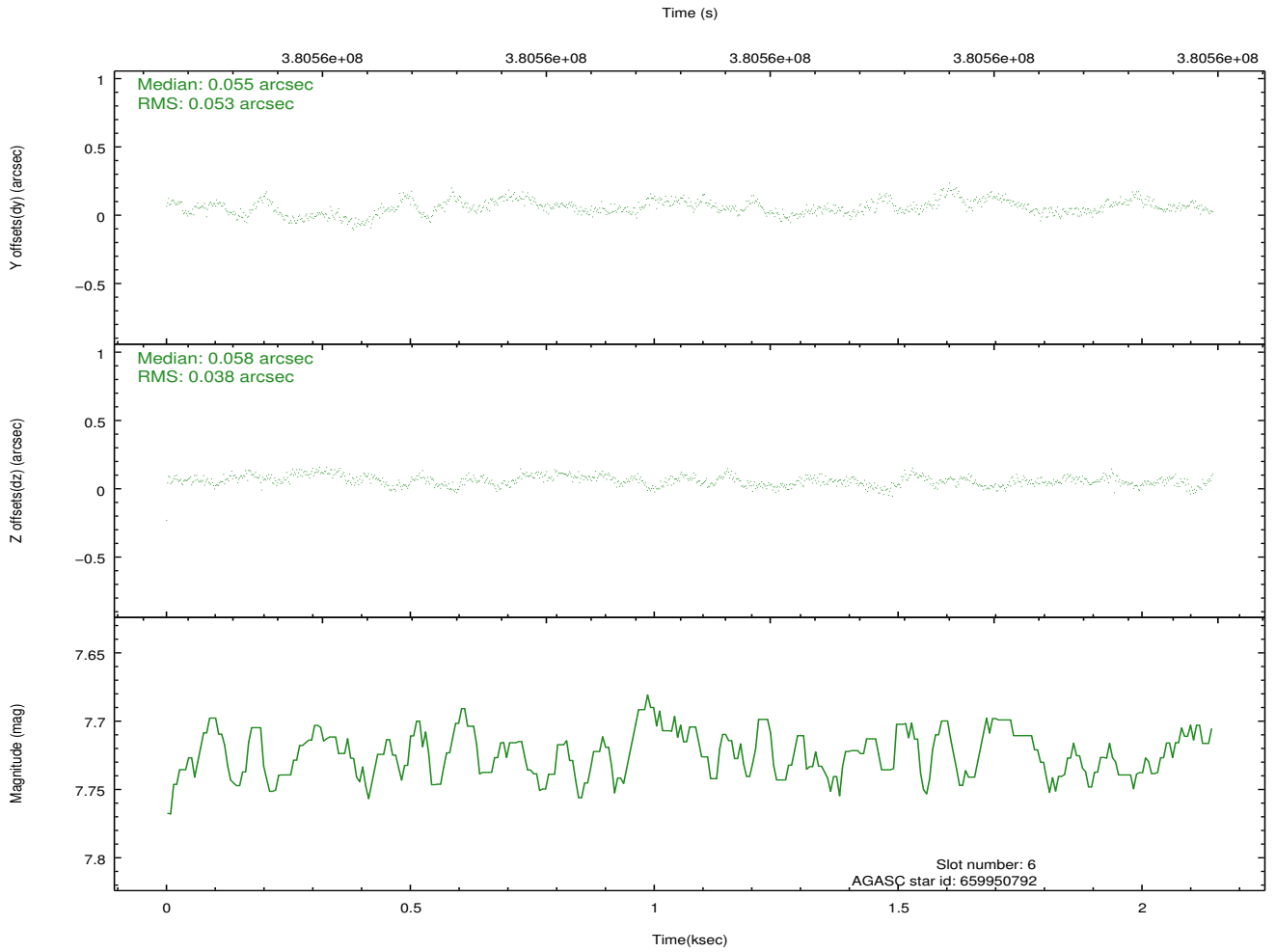
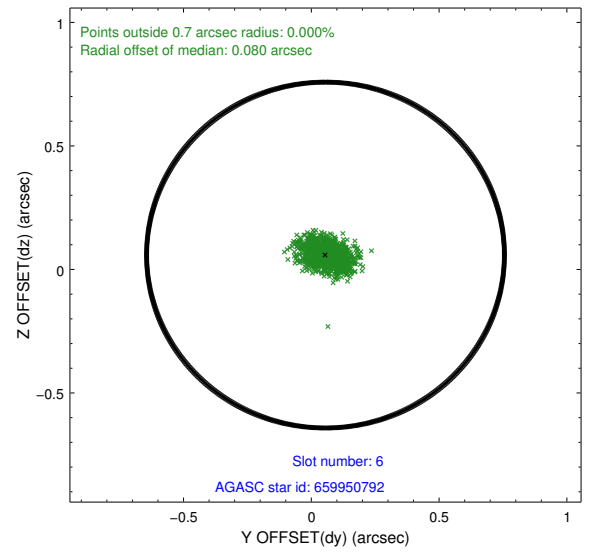
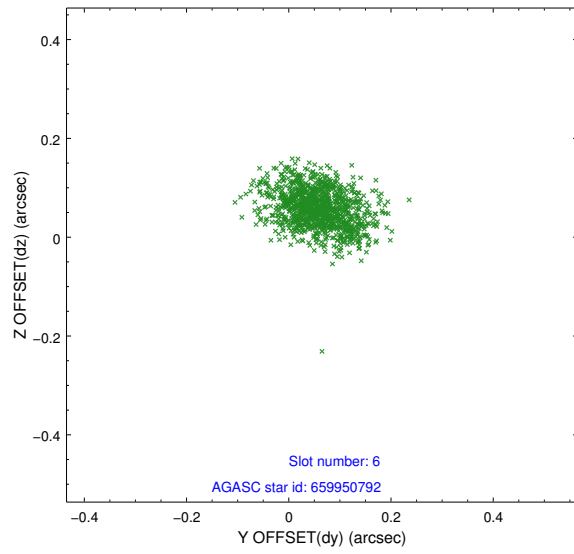
2.4.2 Slot 4



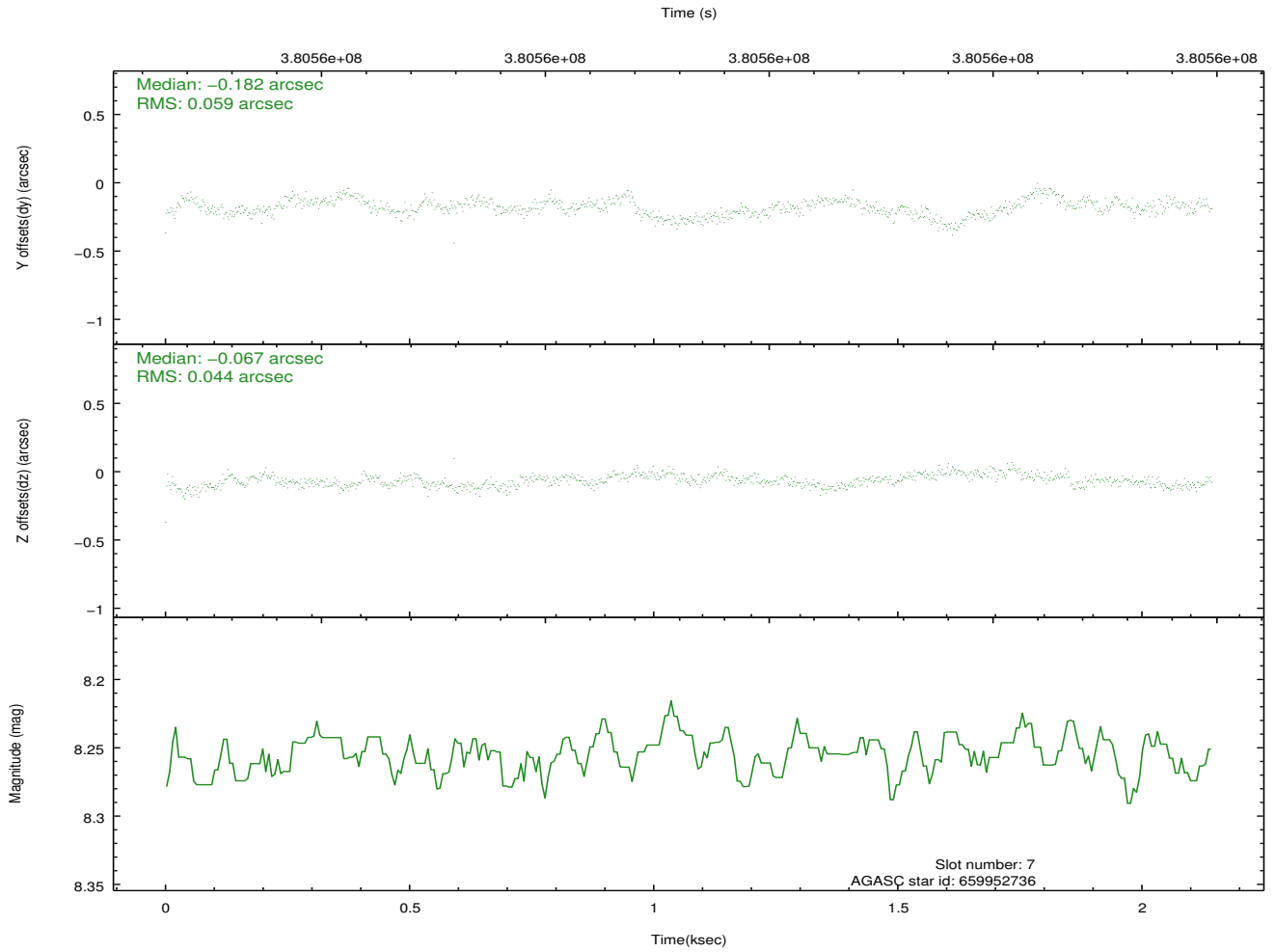
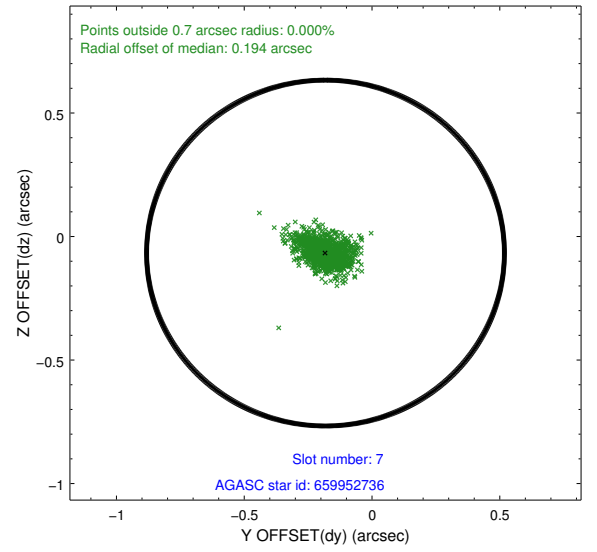
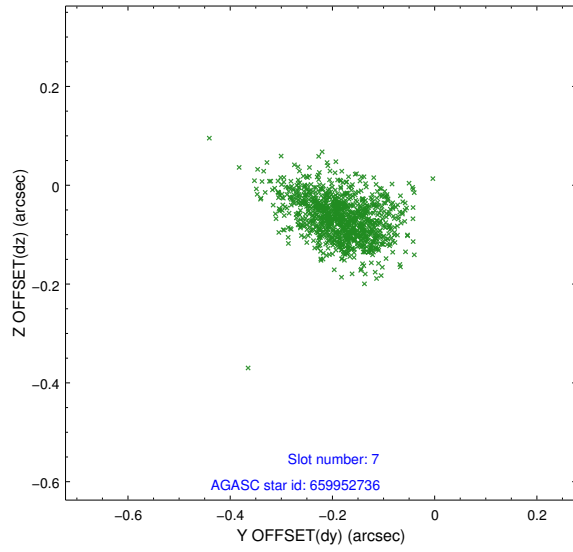
2.4.3 Slot 5



2.4.4 Slot 6

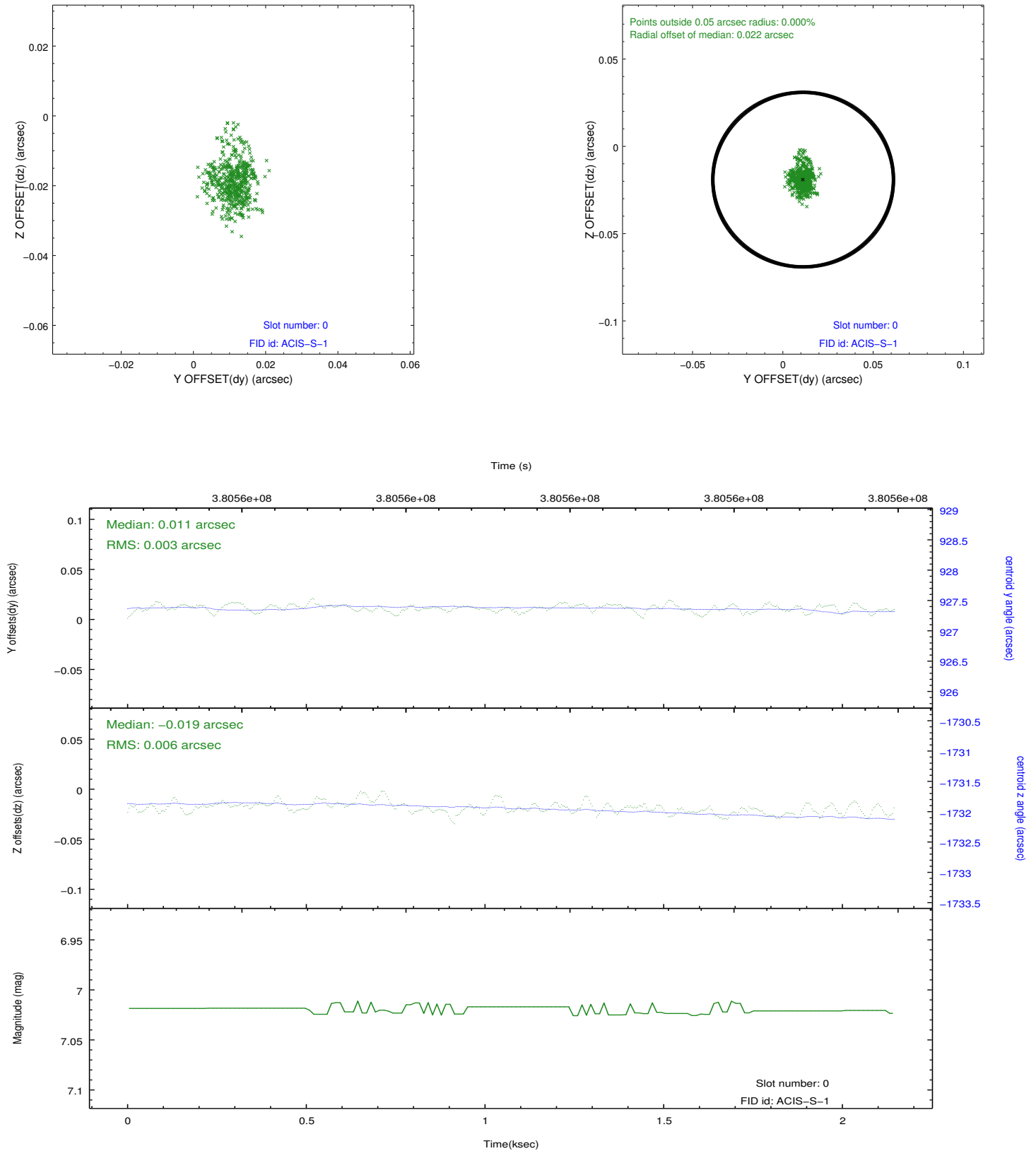


2.4.5 Slot 7

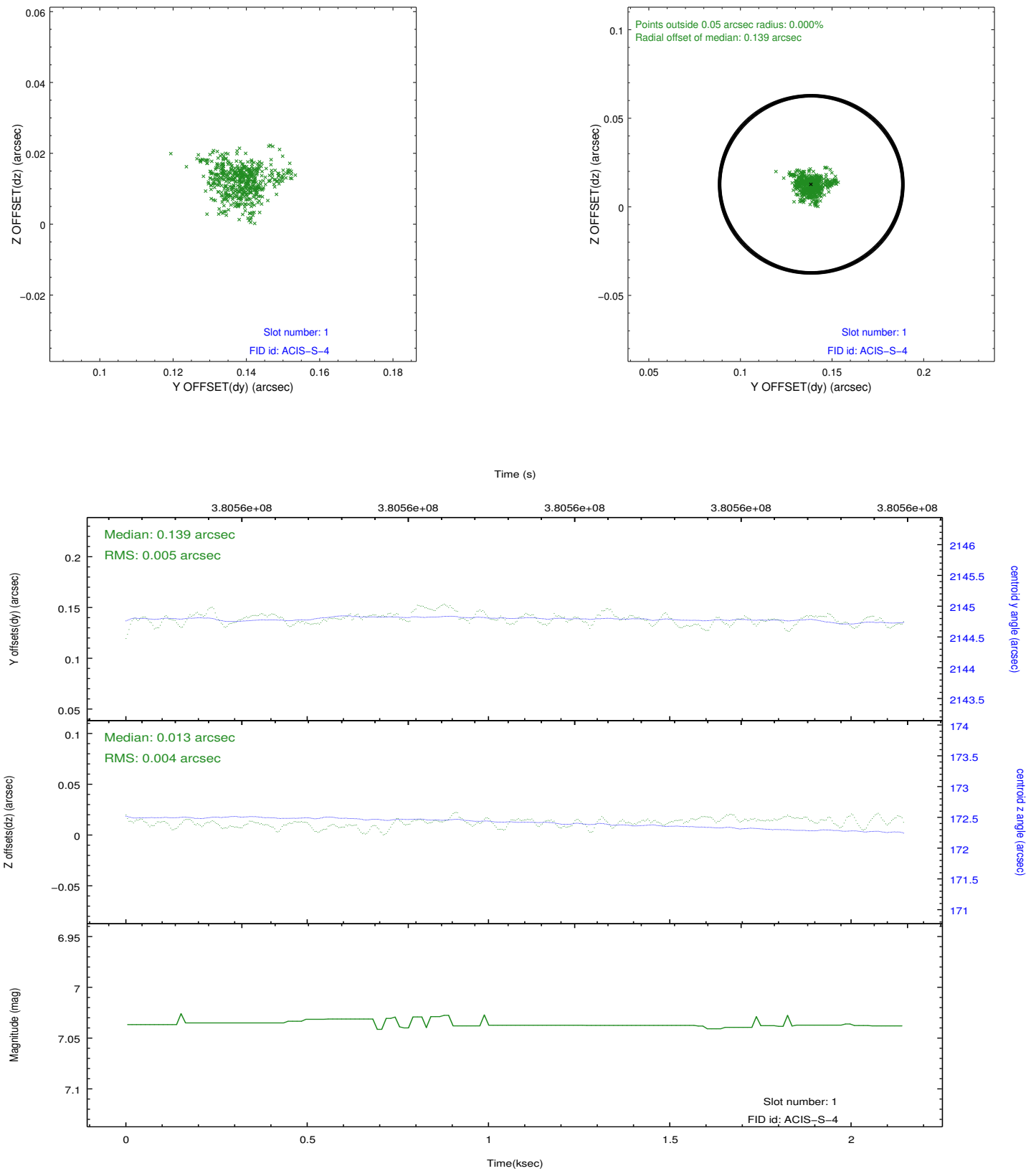


2.5 FID Slots

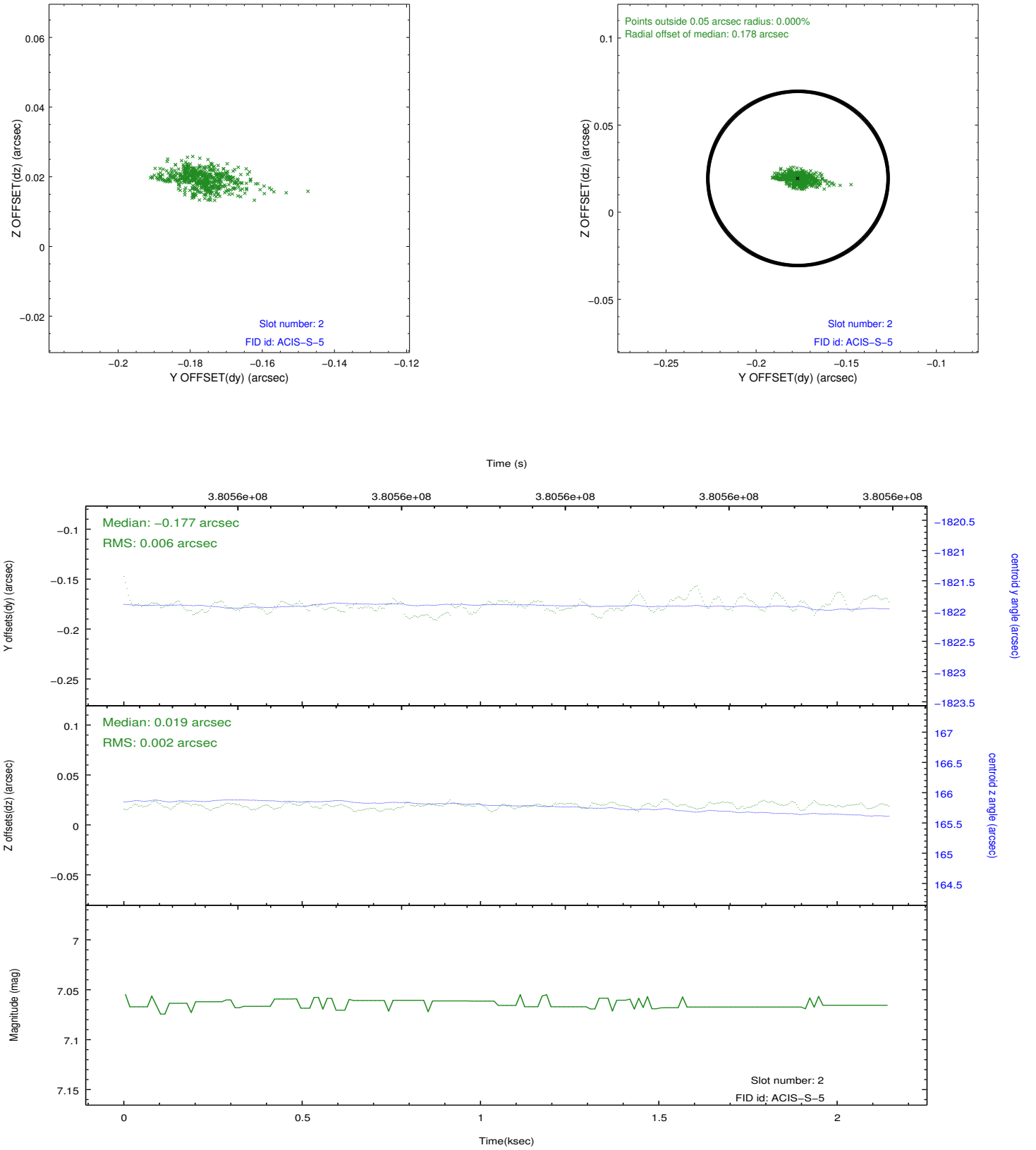
2.5.1 Slot 0



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)	2012.06.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1435998722315

A.2 Comments