

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11449 - L2 Version 2
Chandra X-Ray Center

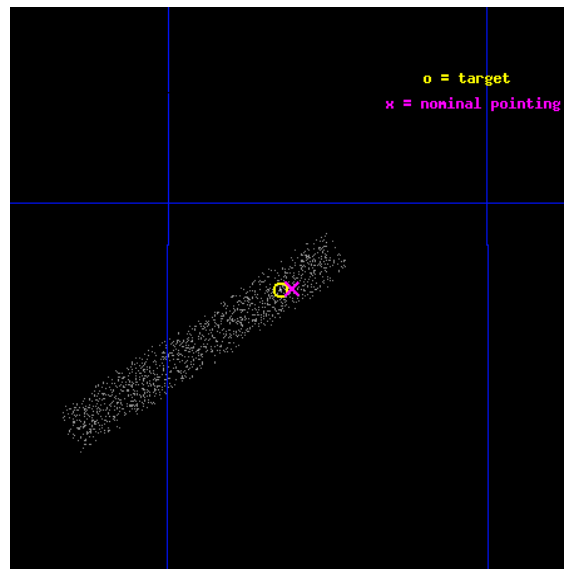
L2 Processing Date : Jun 19 2012

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1 Front

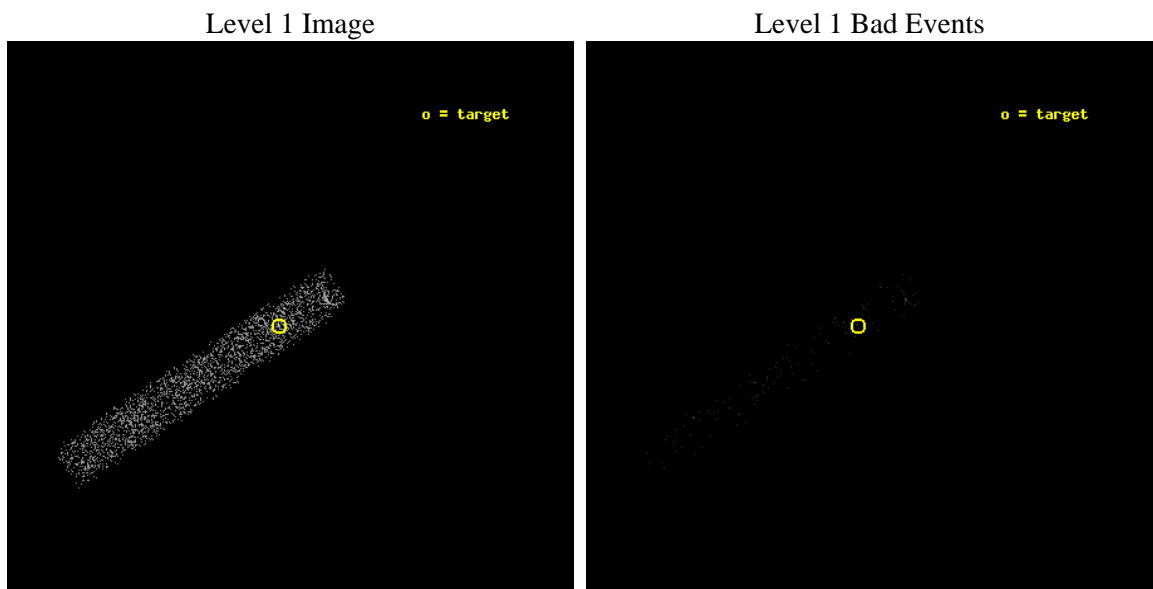
seq_num	702035	Sequence number
obs_id	11449	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J092438.88+560746.9	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	141.162083	Observer's specified target RA [deg]
dec_targ	56.129694	Observer's specified target Dec [deg]
ra_nom	141.15303456836	Nominal RA [deg]
dec_nom	56.129895758998	Nominal Dec [deg]
roll_nom	146.24193877768	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2141.1998723745	Sum of GTIs [s]
livetime	1941.9552624474	Livetime [s]
ontime7	2141.1998723745	Sum of GTIs [s]
l2events	1495	Number of level 2 events



2 OBI

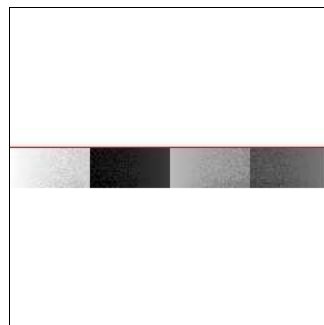
2.1 OBI

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	2141.1998723745	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	2141.1998723745	Sum of GTIs [s]
date	2012-06-19T21:48:02	Date and time of file creation	l1events	4423	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

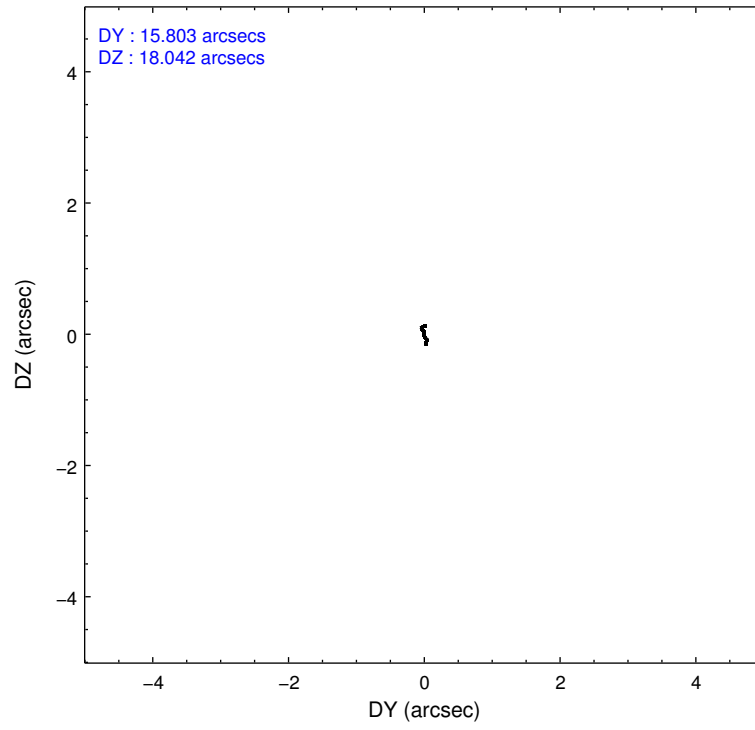
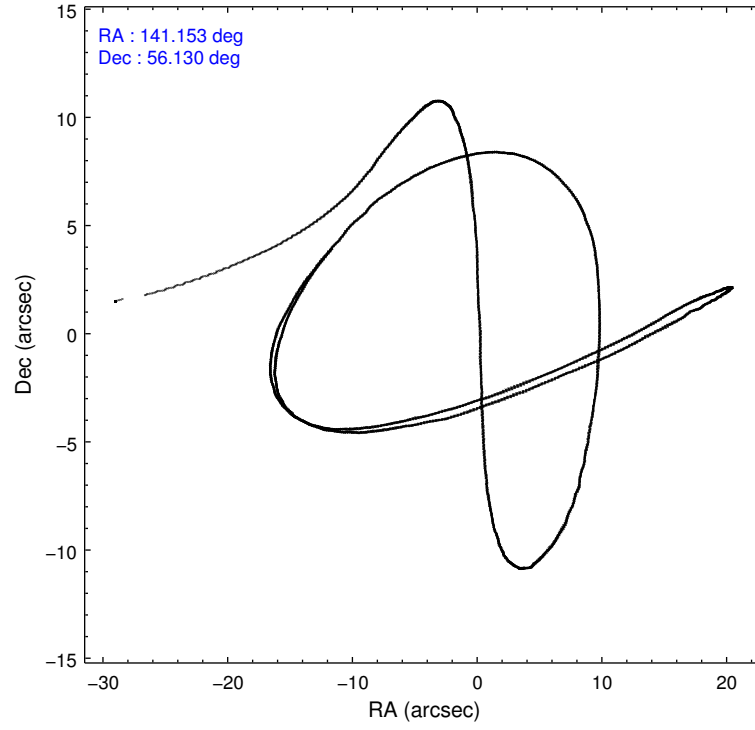
	ccd 7
level 1 events	4423
rejected events	2858
rejected %	64%

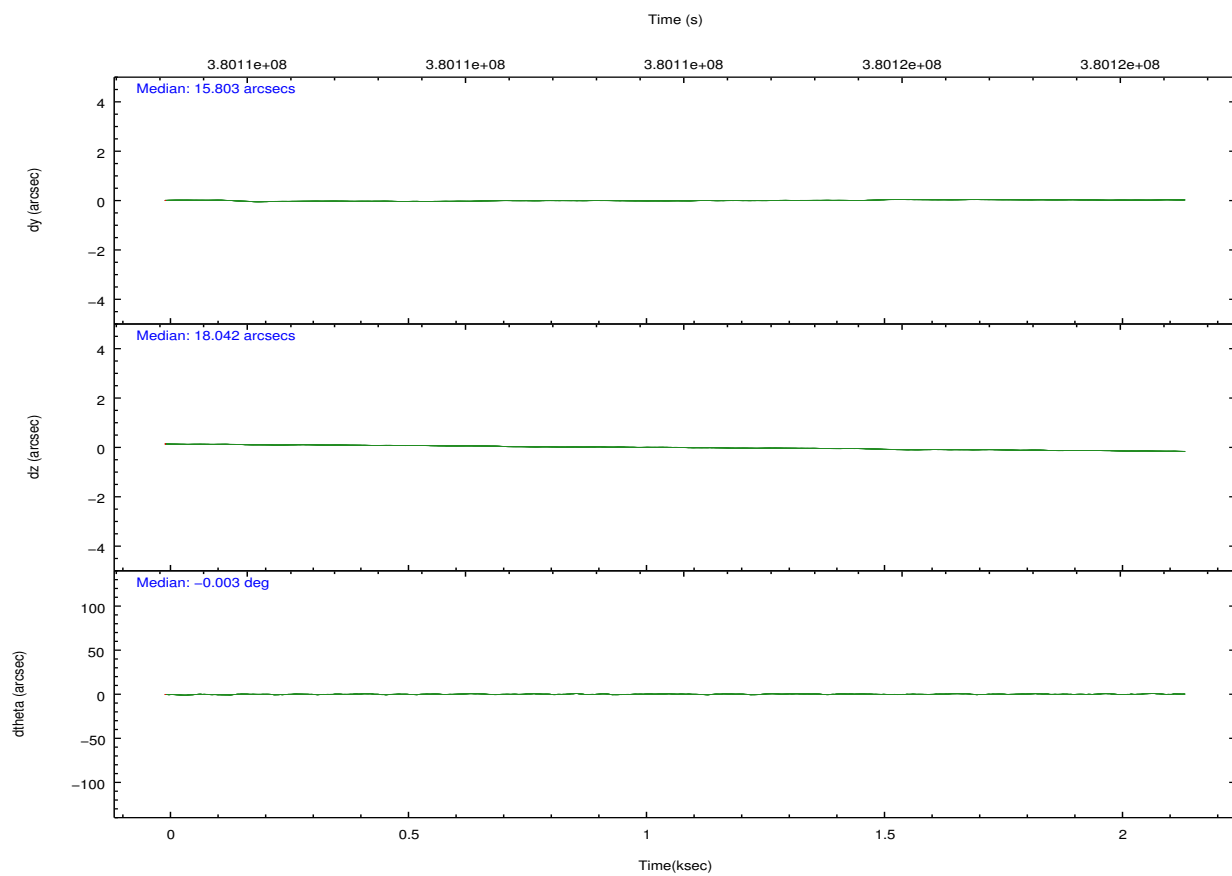
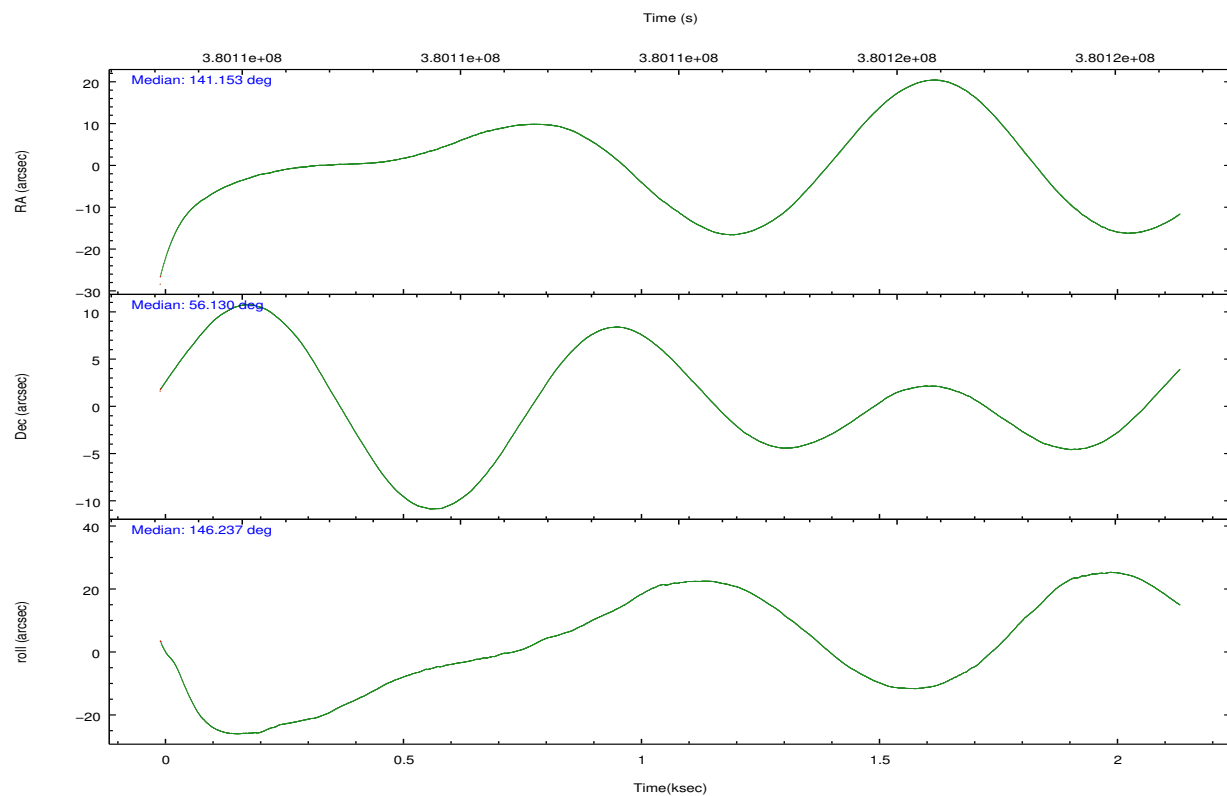
	ccd 7
grade 0 events	264
	5%
grade 1 events	6
	0%
grade 2 events	470
	10%
grade 3 events	304
	6%
grade 4 events	281
	6%
grade 5 events	444
	10%
grade 6 events	981
	22%
grade 7 events	1673
	37%

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	141.202395	141.1530345683623	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	56.128446	56.12989575899804	Subarray start row	449	449
[deg] Pointing Roll	146.044270	146.2419387776842	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)	380113540.184000	380112382.78357			
Observation start date	2010-01-17T11:04:34	2010-01-17T10:46:22			
[s] Observation end time (MET)	380115540.184000	380116046.13376			
Observation end date	2010-01-17T11:37:54	2010-01-17T11:47:26			
Read mode	TIMED	TIMED			

2.3 Aspect



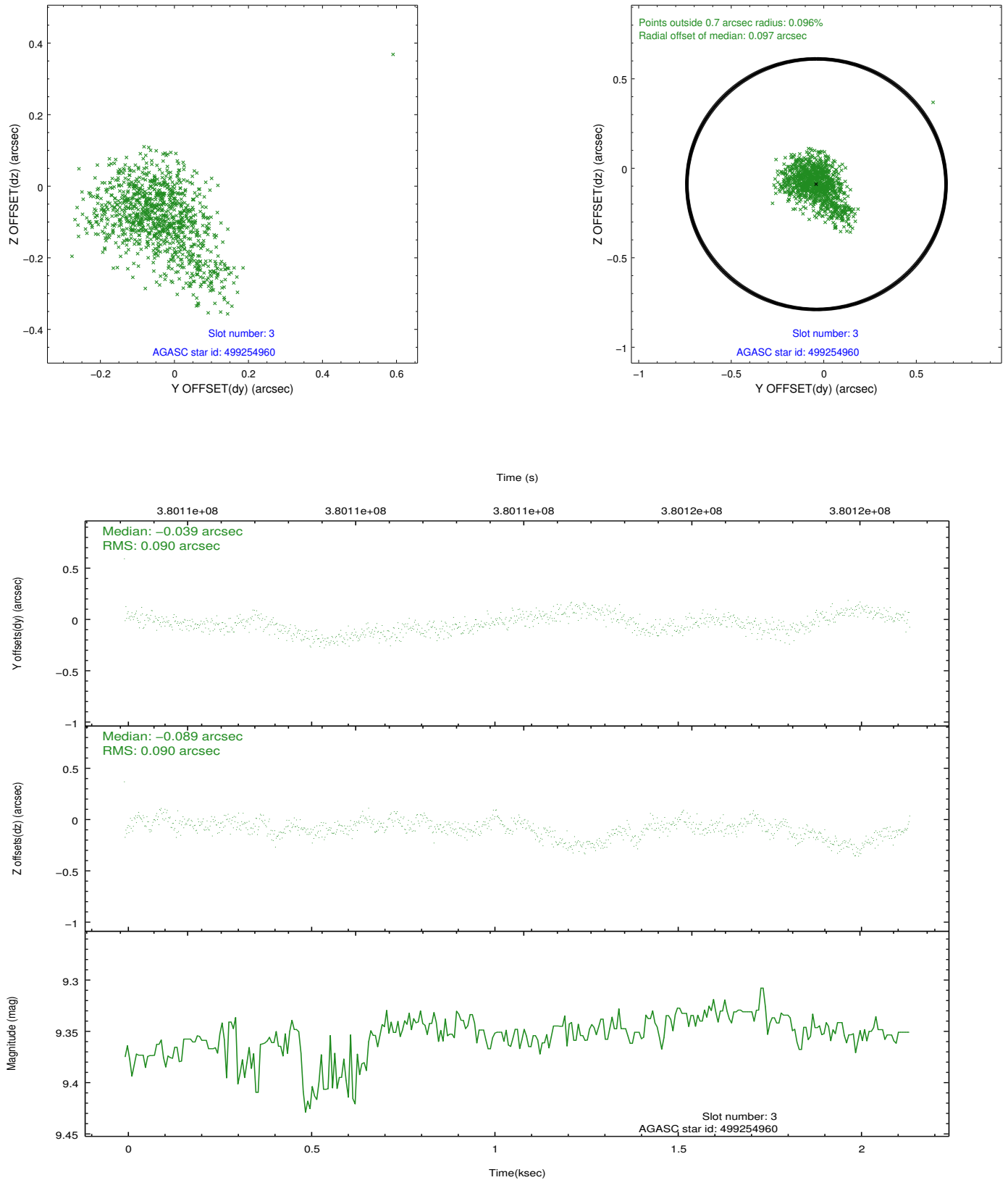


Slot Statistics

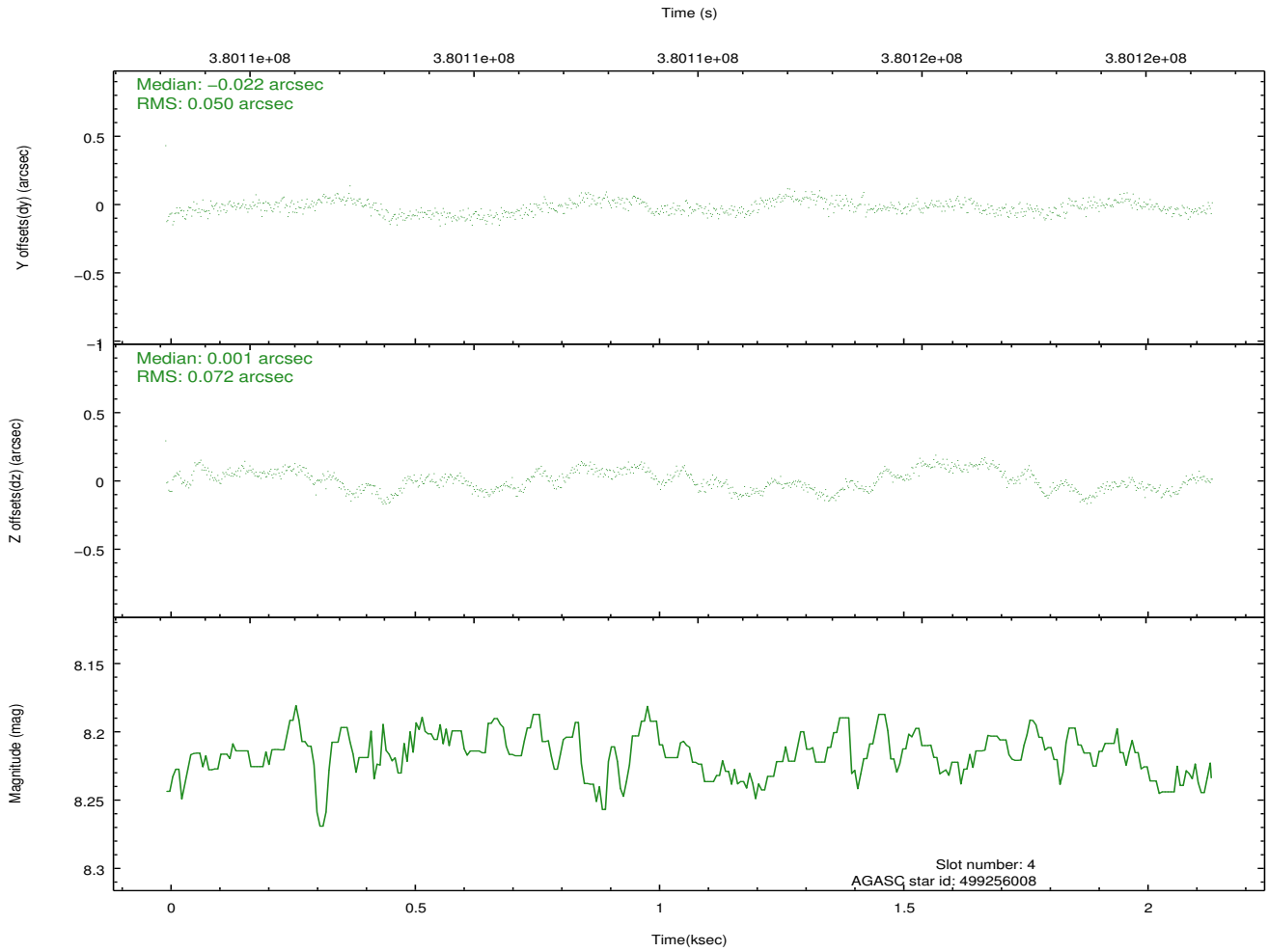
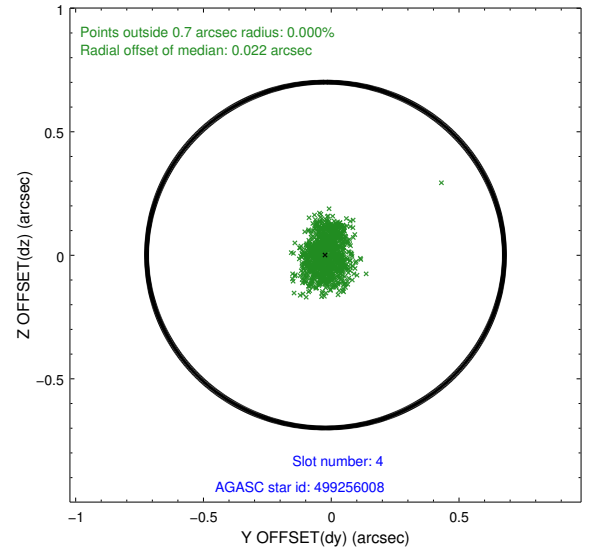
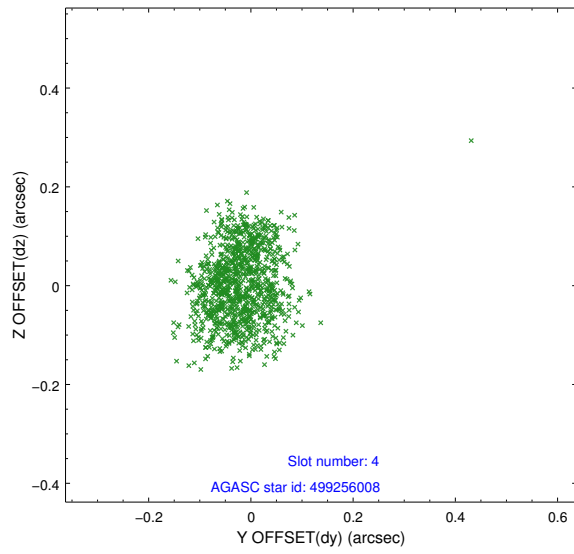
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.87	523	-0.065	-0.046	0.006	0.010	0.000000	0.000000	-768.91	-1739.47
1	FID	ACIS-S-4	6.97	523	0.159	0.044	0.004	0.009	0.000000	0.000000	2143.24	165.86
2	FID	ACIS-S-5	6.99	523	-0.126	0.012	0.005	0.010	0.000000	0.000000	-1817.86	163.07
3	GUIDE	499254960	9.35	1046	-0.039	-0.089	0.132	0.221	141.149437	56.536503	907.45	-1159.92
4	GUIDE	499256008	8.22	1045	-0.022	0.001	0.094	0.142	141.768933	56.198421	-797.27	-847.81
5	GUIDE	499256784	9.89	1046	-0.034	-0.056	0.137	0.230	140.092212	56.033414	1669.82	1515.27
6	GUIDE	499267616	9.80	1045	0.036	0.053	0.146	0.253	142.217767	56.090467	-1758.05	-1036.75
7	GUIDE	499255352	9.73	1035	0.063	0.110	0.172	0.274	141.449180	56.831290	1008.78	-2371.86

2.4 Star Slots

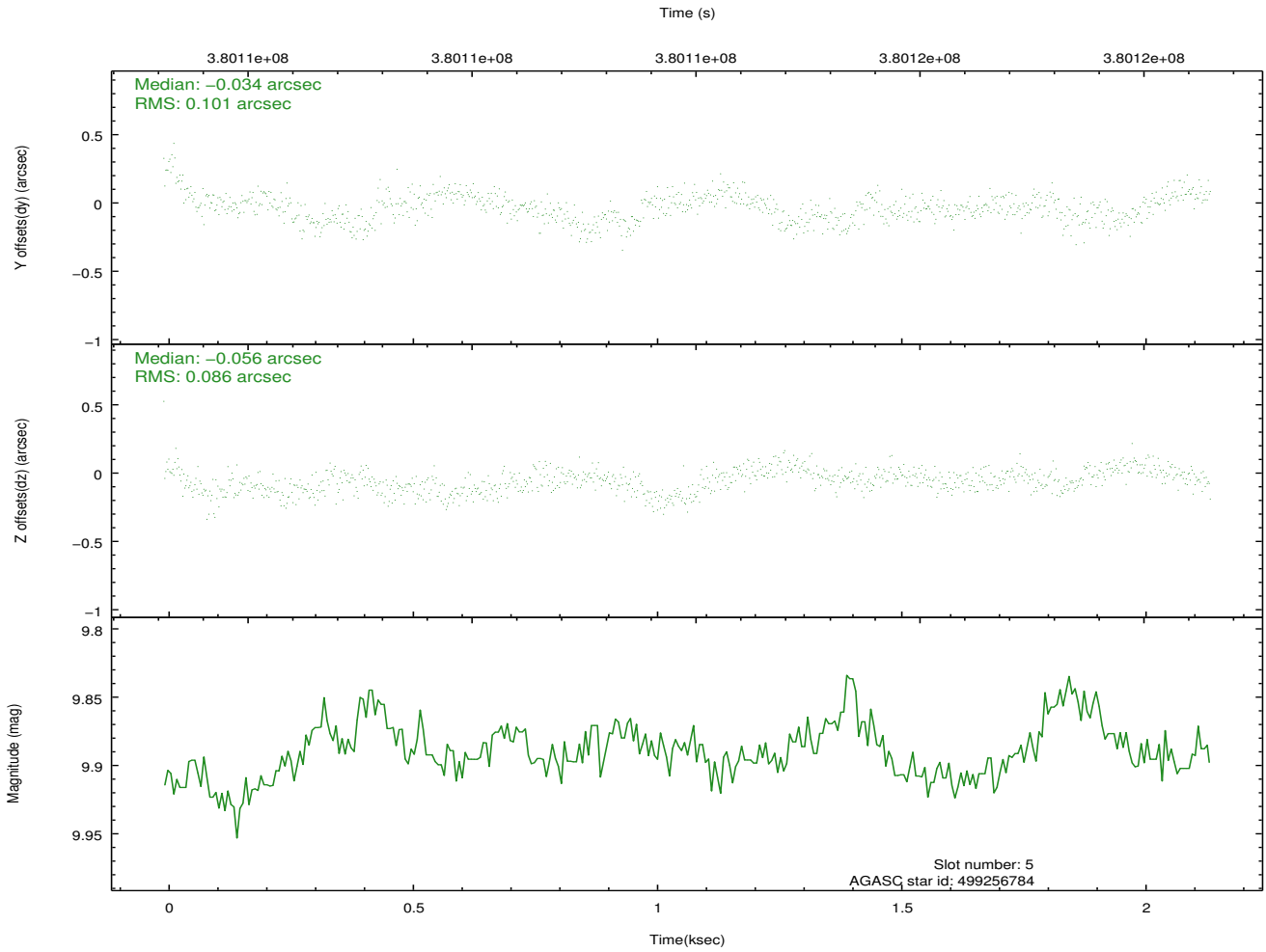
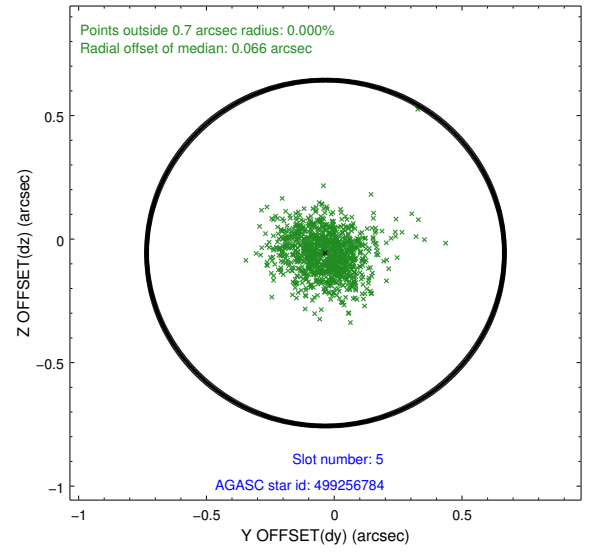
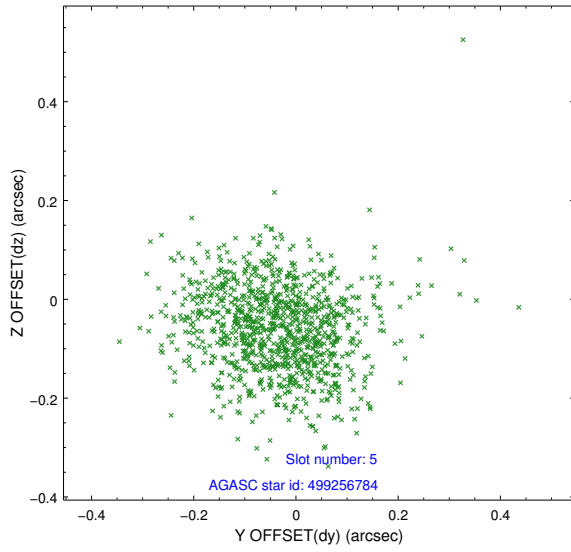
2.4.1 Slot 3



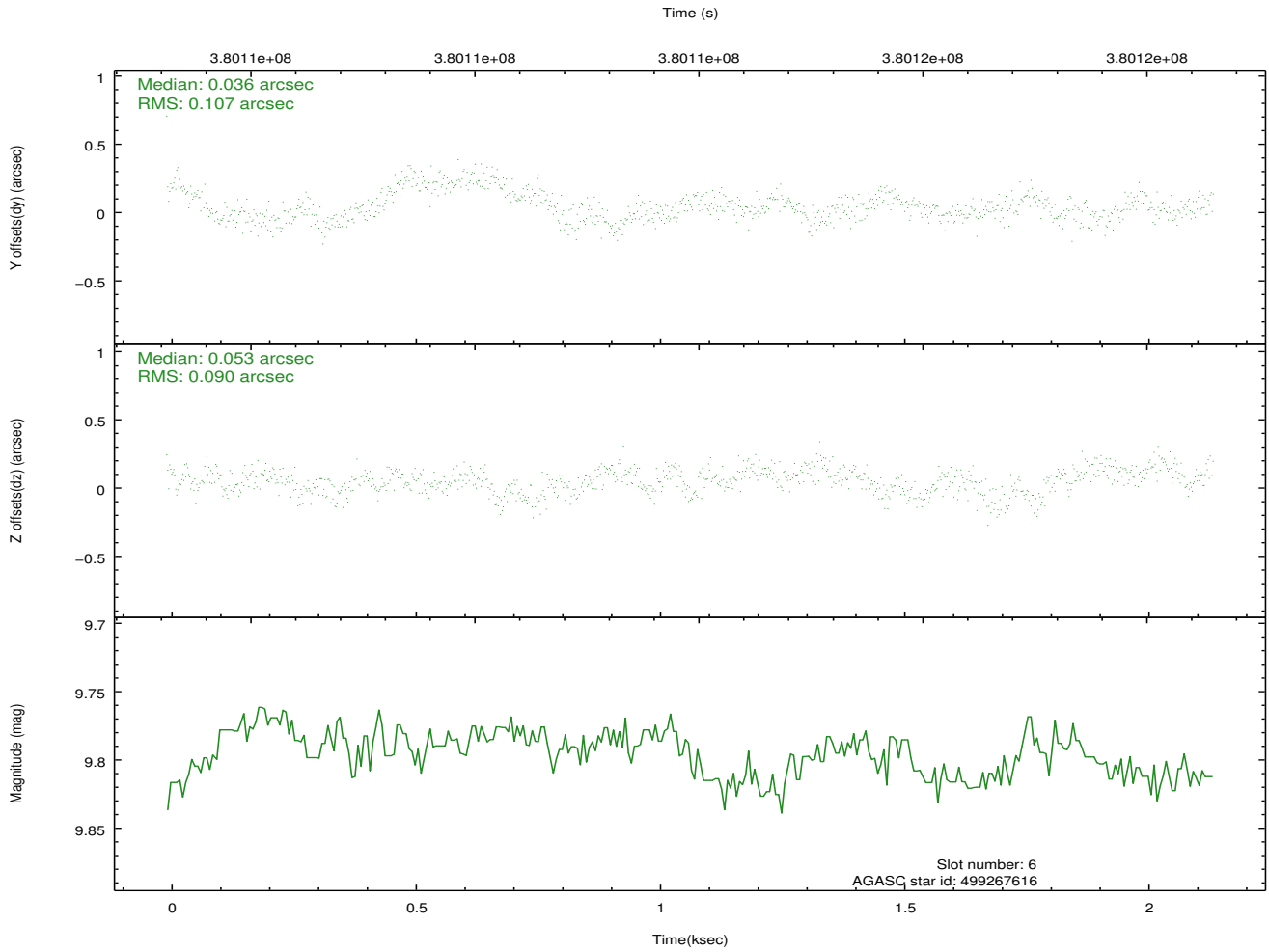
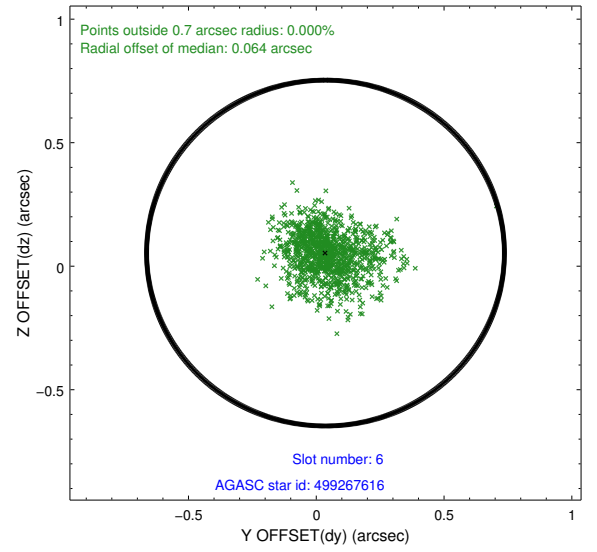
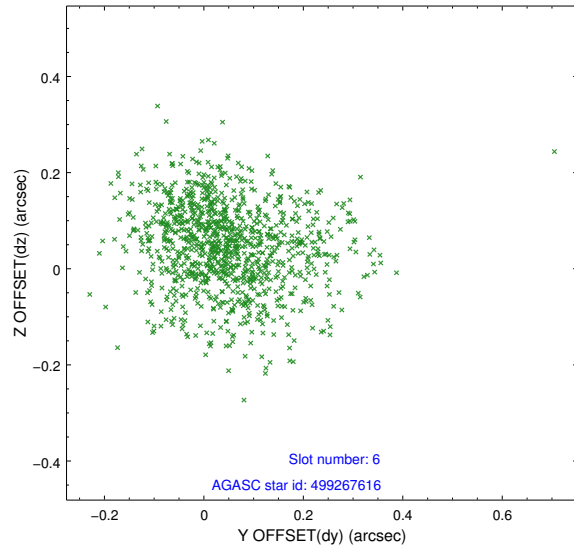
2.4.2 Slot 4



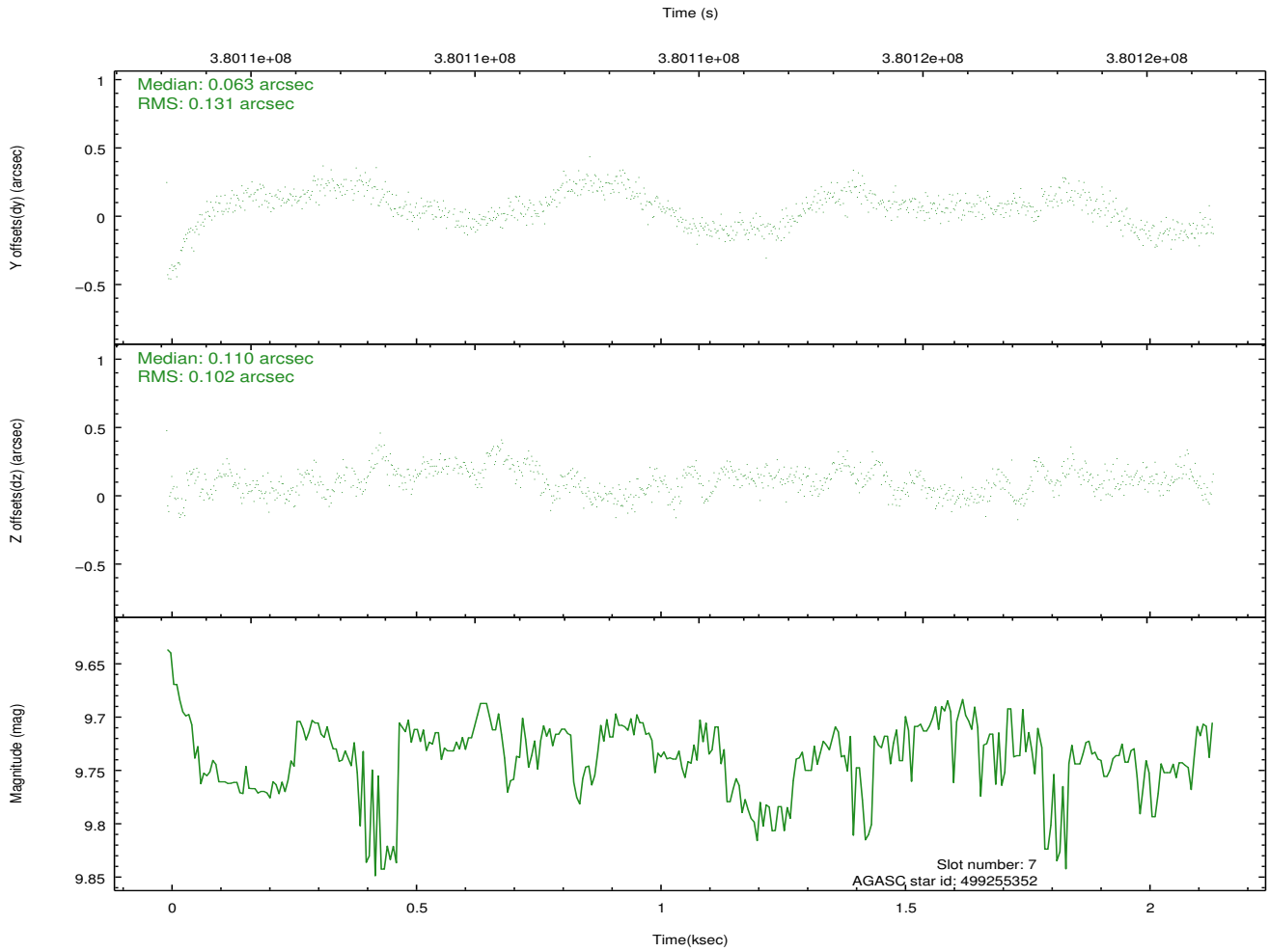
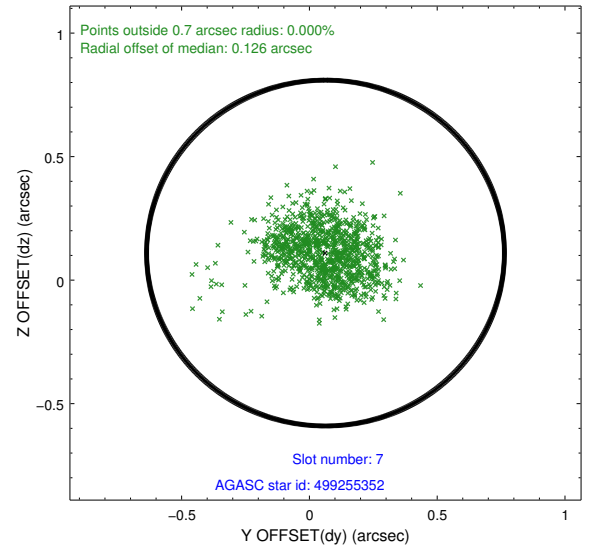
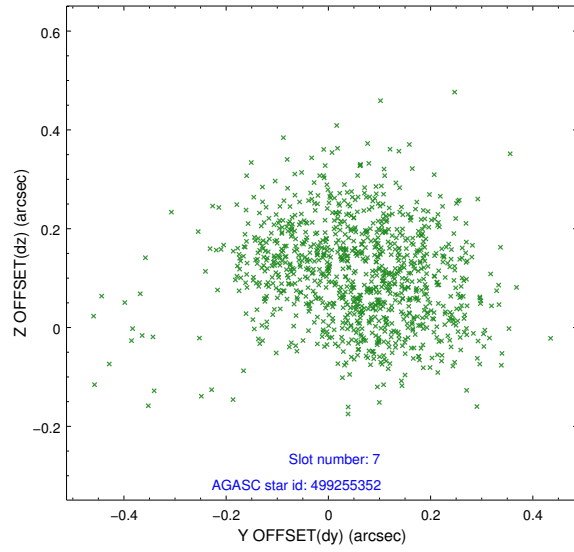
2.4.3 Slot 5



2.4.4 Slot 6

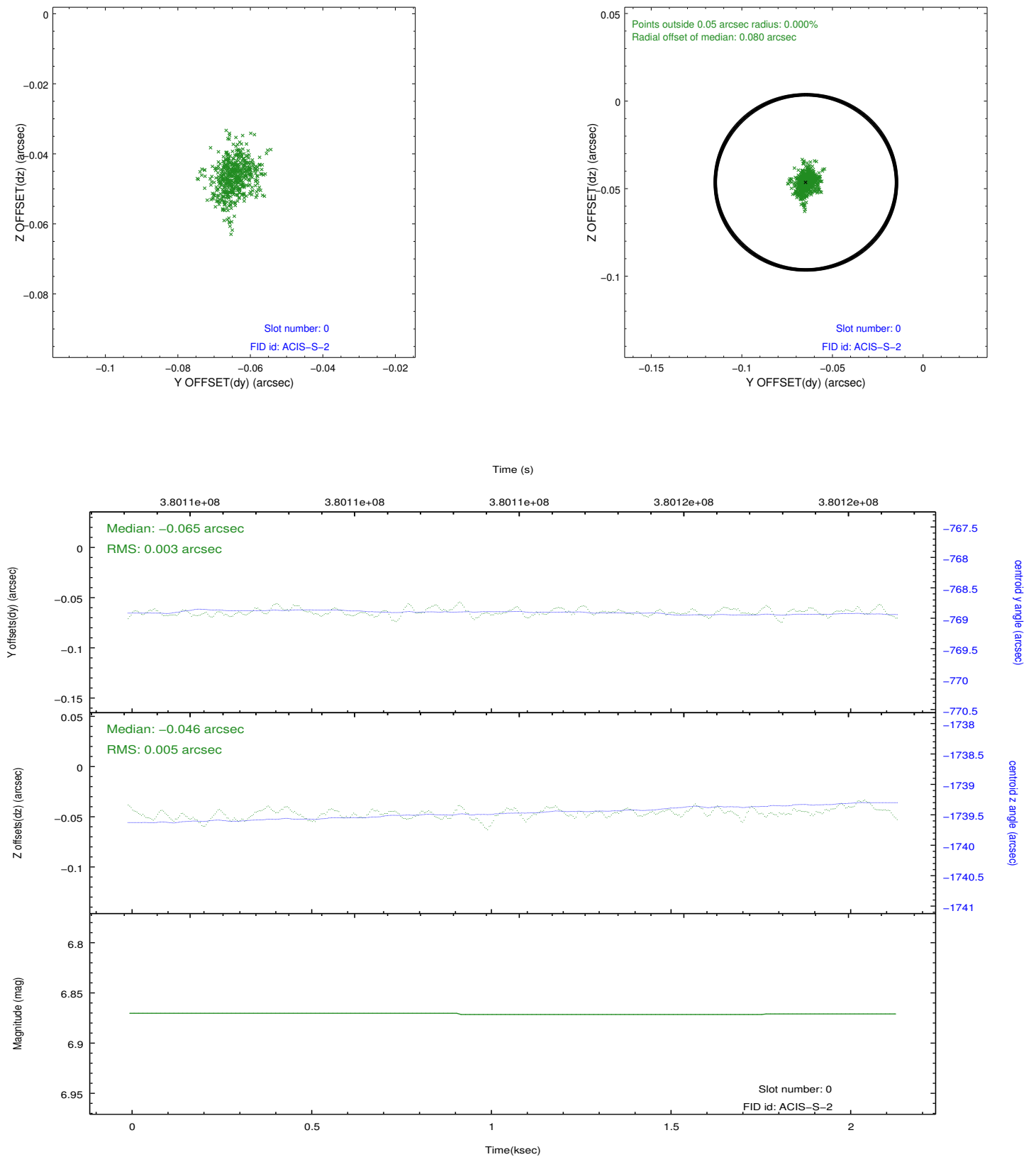


2.4.5 Slot 7

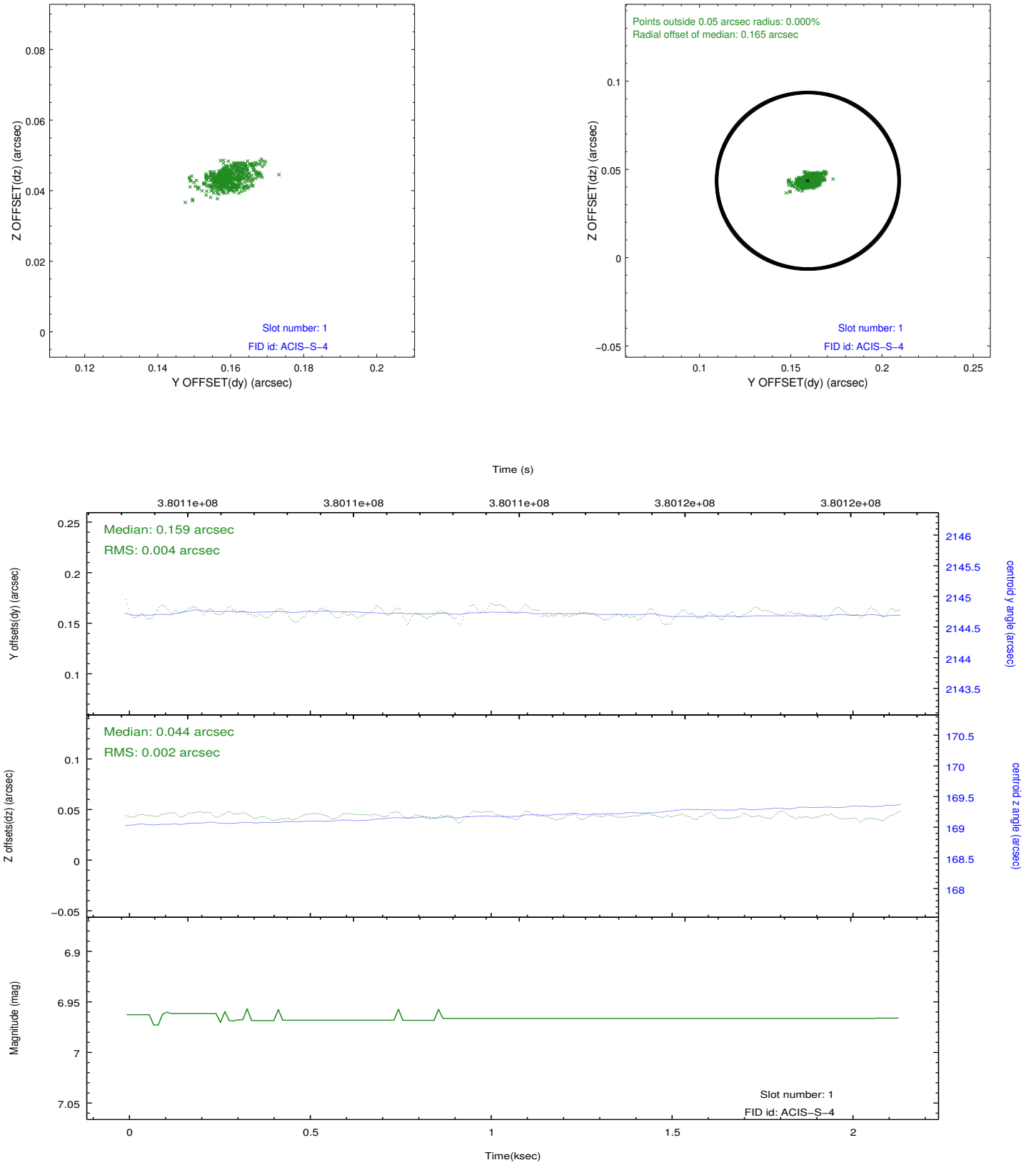


2.5 FID Slots

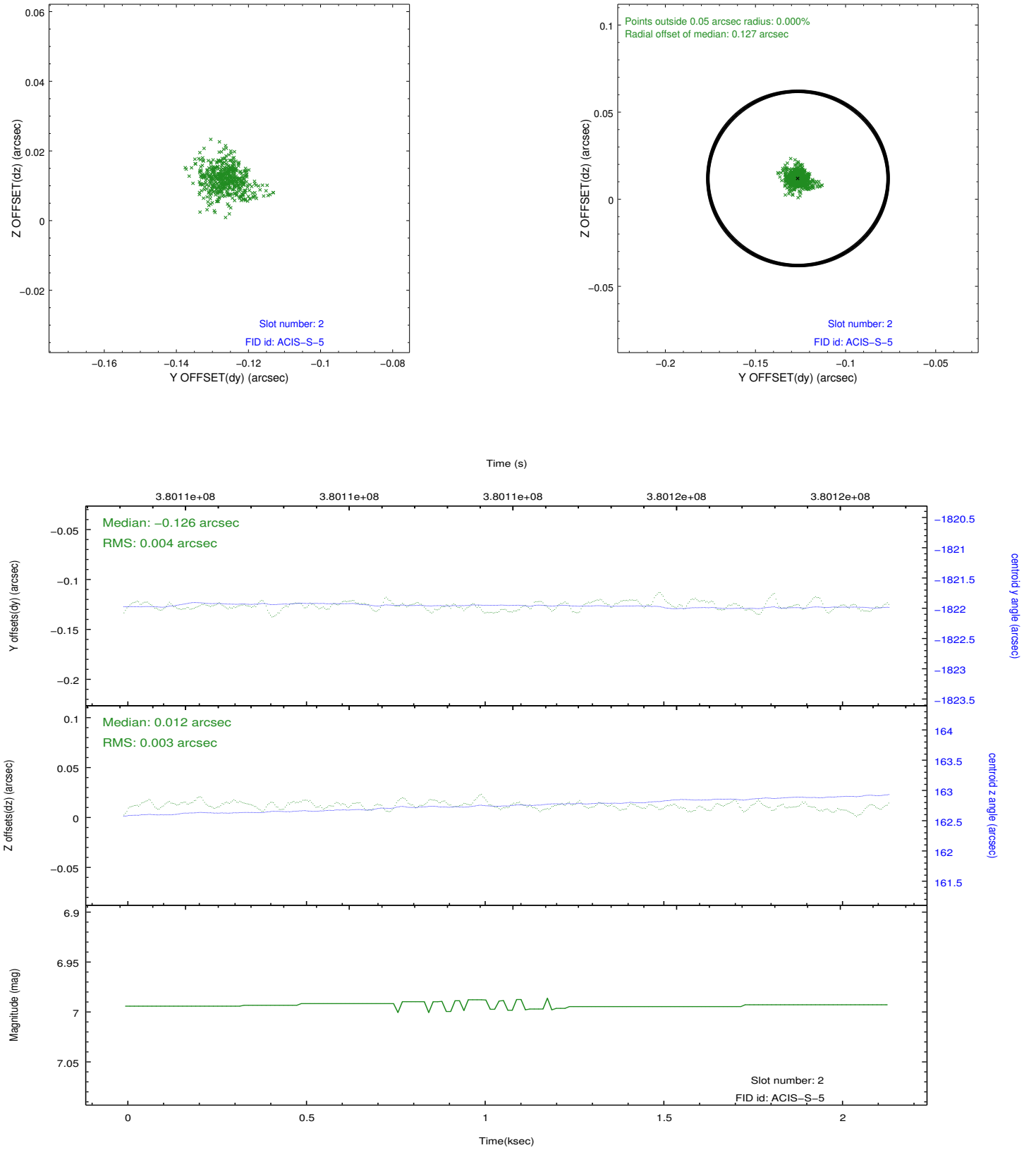
2.5.1 Slot 0



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)	2012.06.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1411998723745

A.2 Comments