

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11485 - L2 Version 2
Chandra X-Ray Center

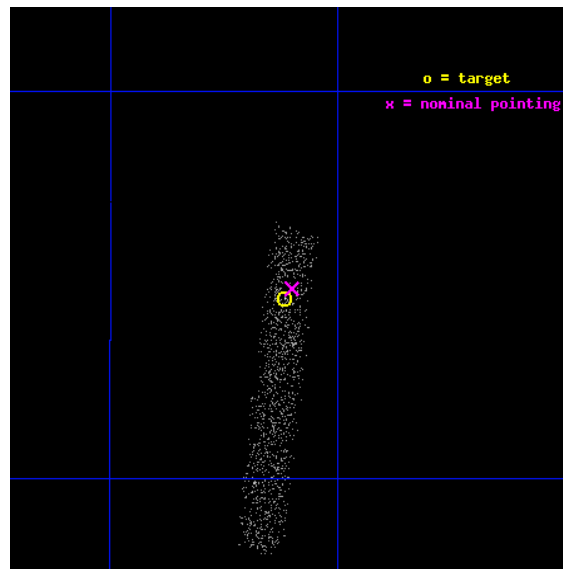
L2 Processing Date : Jun 22 2012

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1 Front

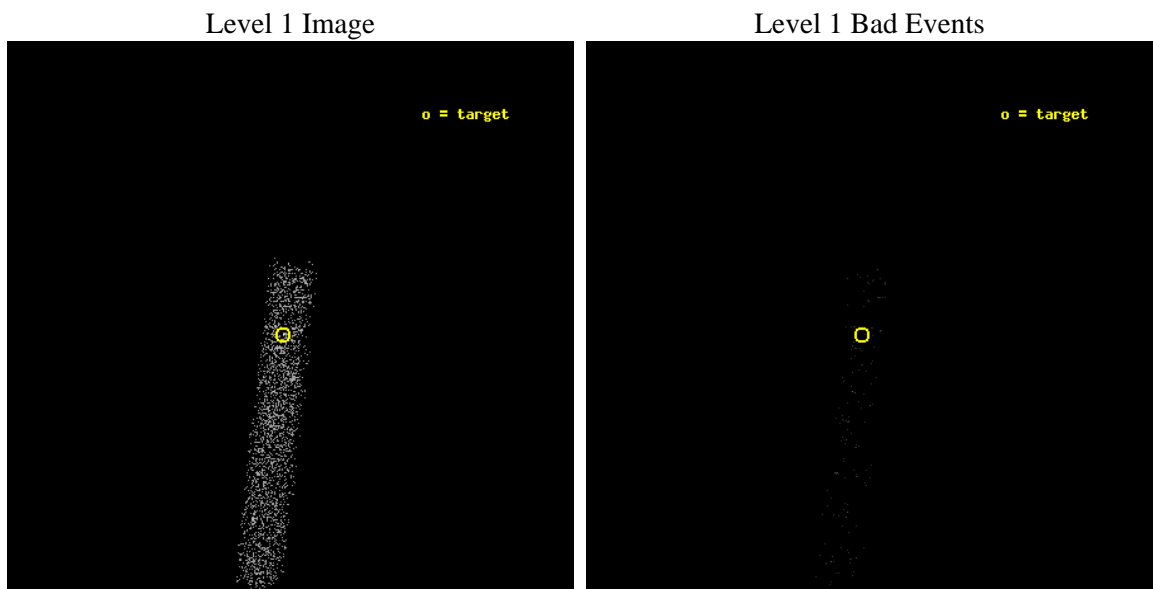
seq_num	702071	Sequence number
obs_id	11485	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J165636.98+371439.5	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	254.154167	Observer's specified target RA [deg]
dec_targ	37.244306	Observer's specified target Dec [deg]
ra_nom	254.15046793291	Nominal RA [deg]
dec_nom	37.24827832993	Nominal Dec [deg]
roll_nom	96.392437754973	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2188.7998695374	Sum of GTIs [s]
livetime	1985.1259473402	Livetime [s]
ontime7	2188.7998695374	Sum of GTIs [s]
l2events	1400	Number of level 2 events



2 OBI

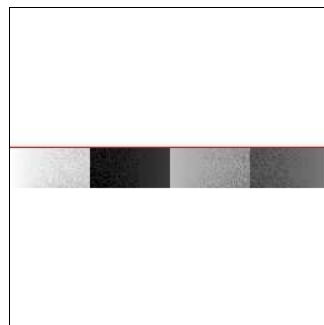
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2188.7998695374	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	2188.7998695374	Sum of GTIs [s]
date	2012-06-22T16:55:30	Date and time of file creation	l1events	3481	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

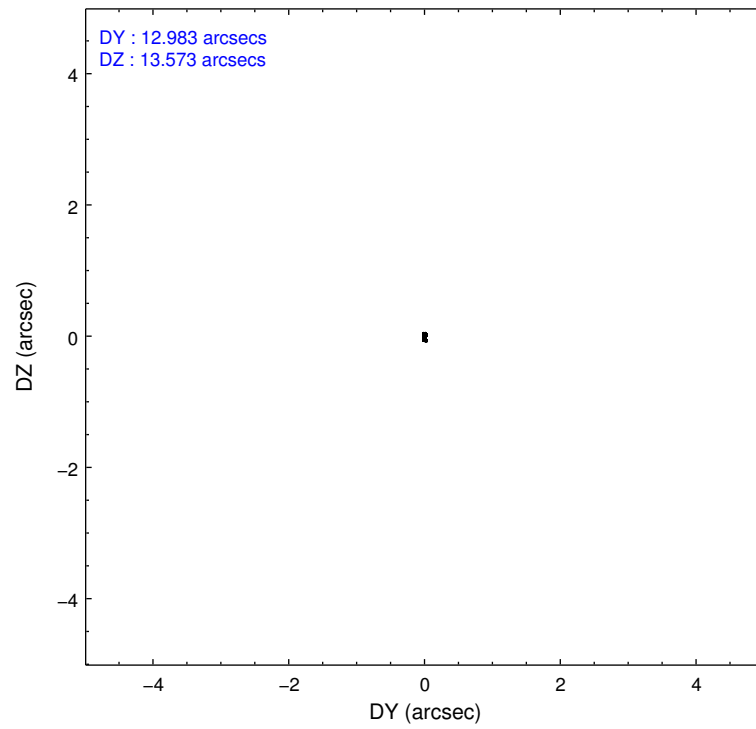
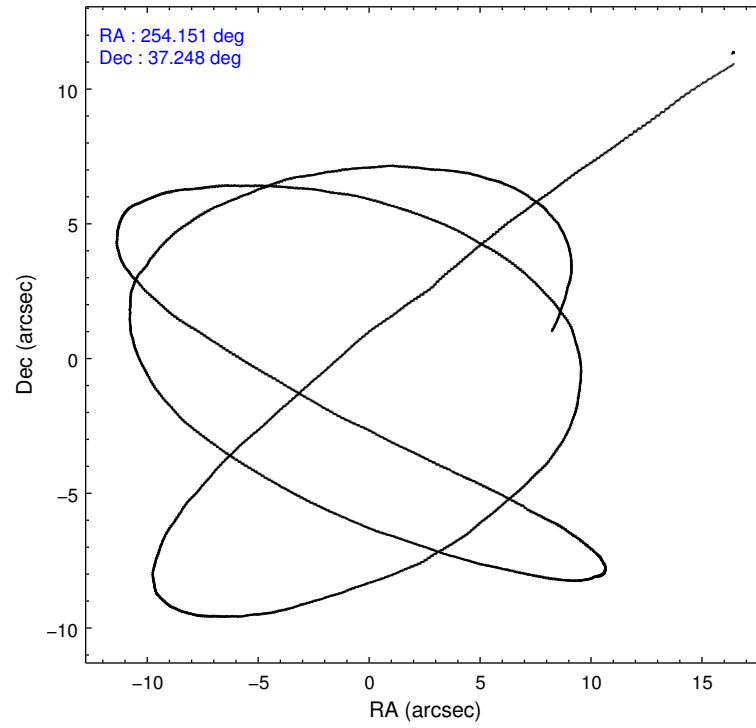
	ccd 7
level 1 events	3481
rejected events	2021
rejected %	58%

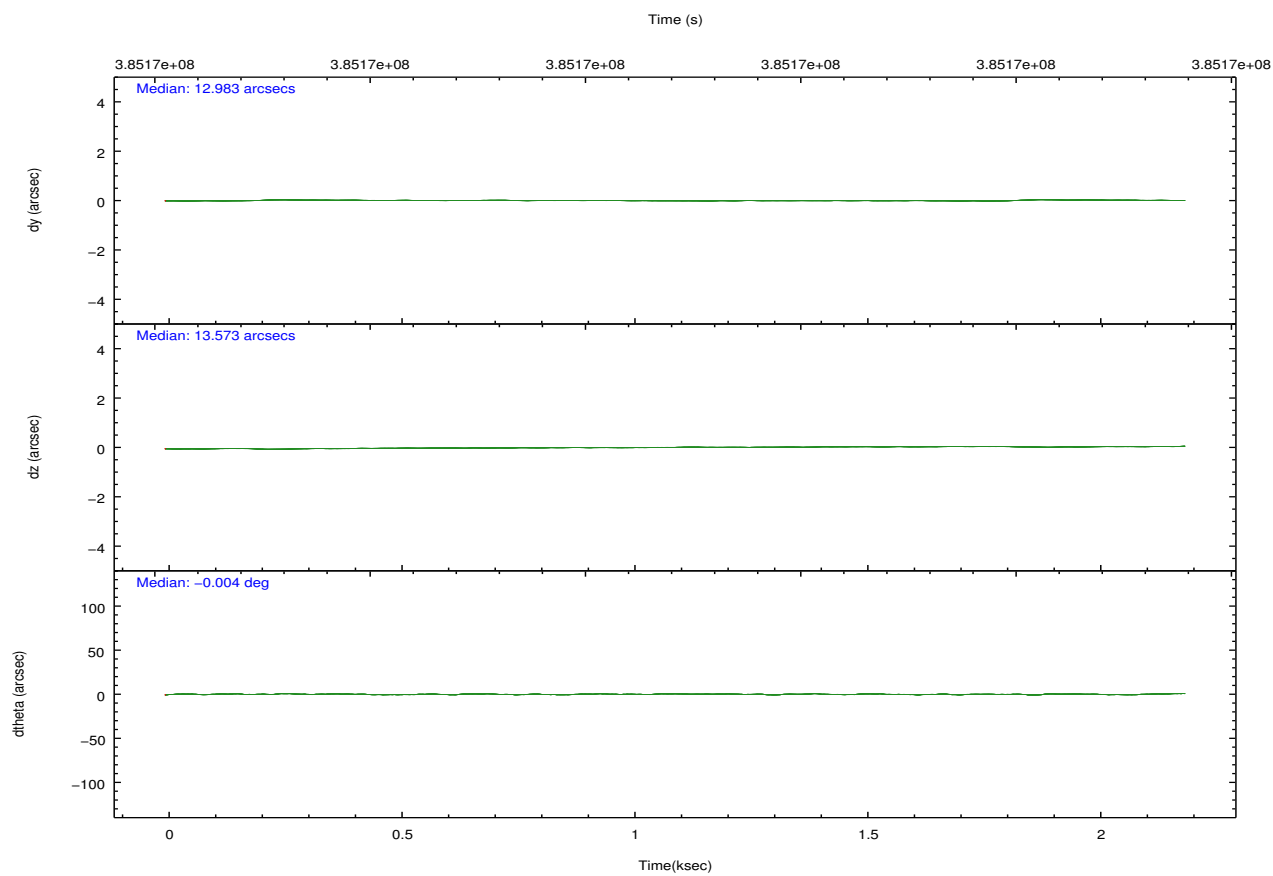
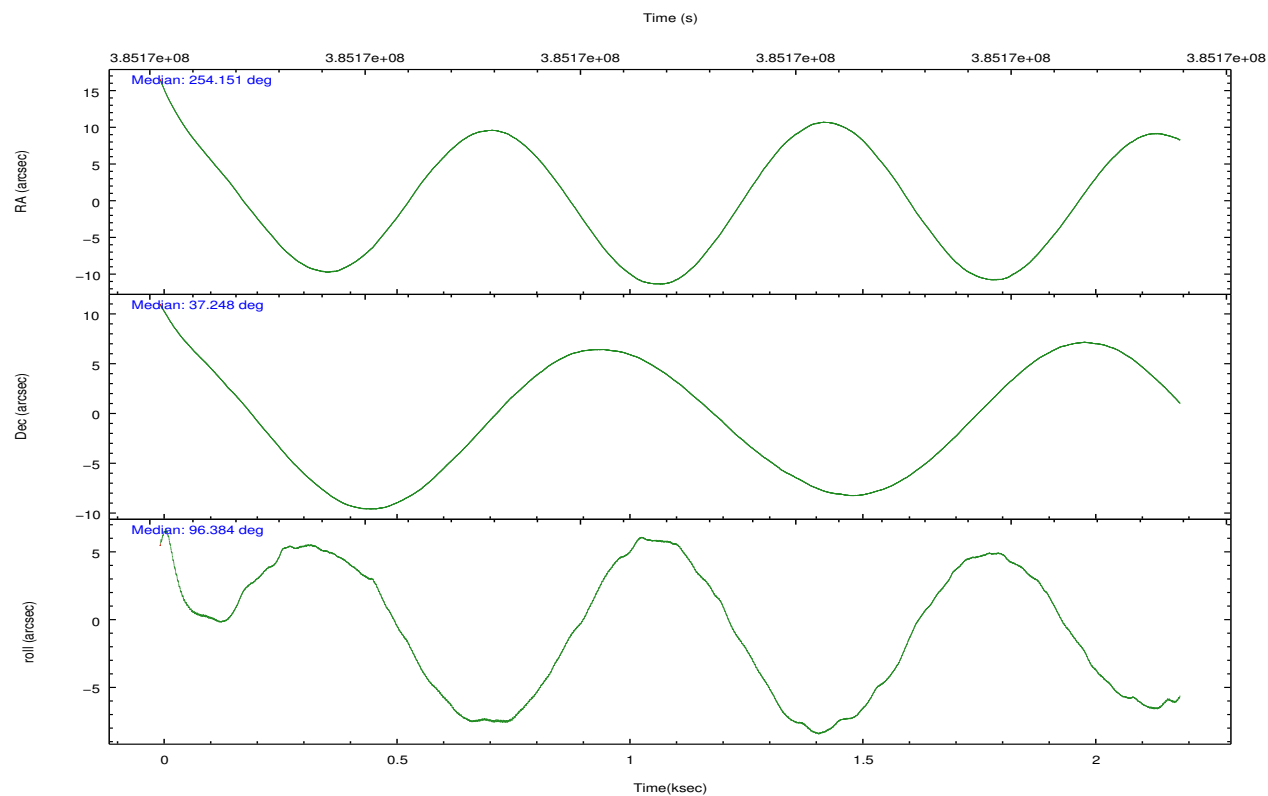
	ccd 7
grade 0 events	179
	5%
grade 1 events	5
	0%
grade 2 events	335
	9%
grade 3 events	250
	7%
grade 4 events	239
	6%
grade 5 events	347
	9%
grade 6 events	776
	22%
grade 7 events	1350
	38%

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	254.171168	254.1504679329052	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	37.226334	37.24827832993034	Subarray start row	449	449
[deg] Pointing Roll	96.223216	96.39243775497323	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)	385169301.184000	385168442.56485			
Observation start date	2010-03-16T23:27:15	2010-03-16T23:14:02			
[s] Observation end time (MET)	385171301.184000	385172638.91506			
Observation end date	2010-03-17T00:00:35	2010-03-17T00:23:58			
Read mode	TIMED	TIMED			

2.3 Aspect



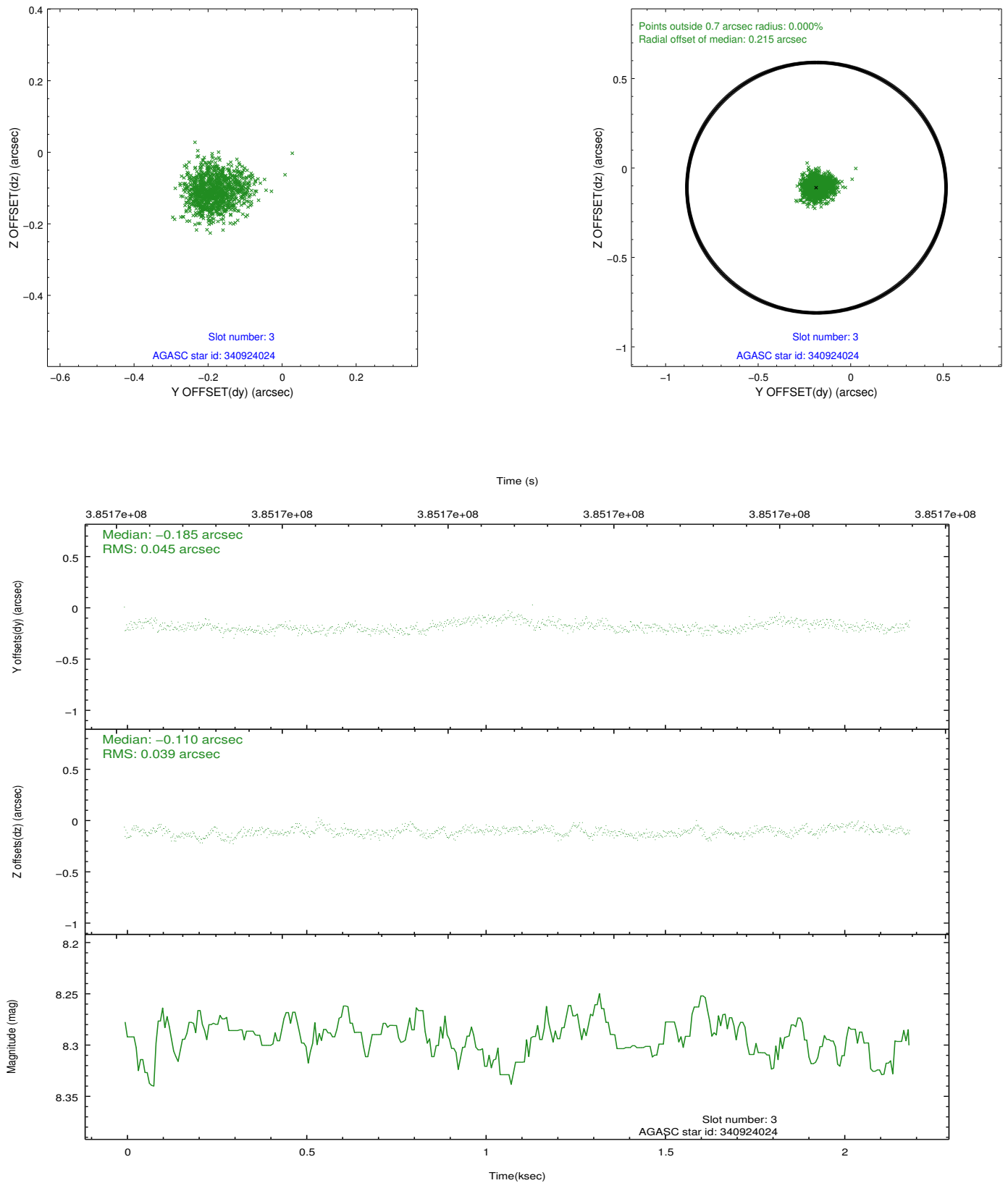


Slot Statistics

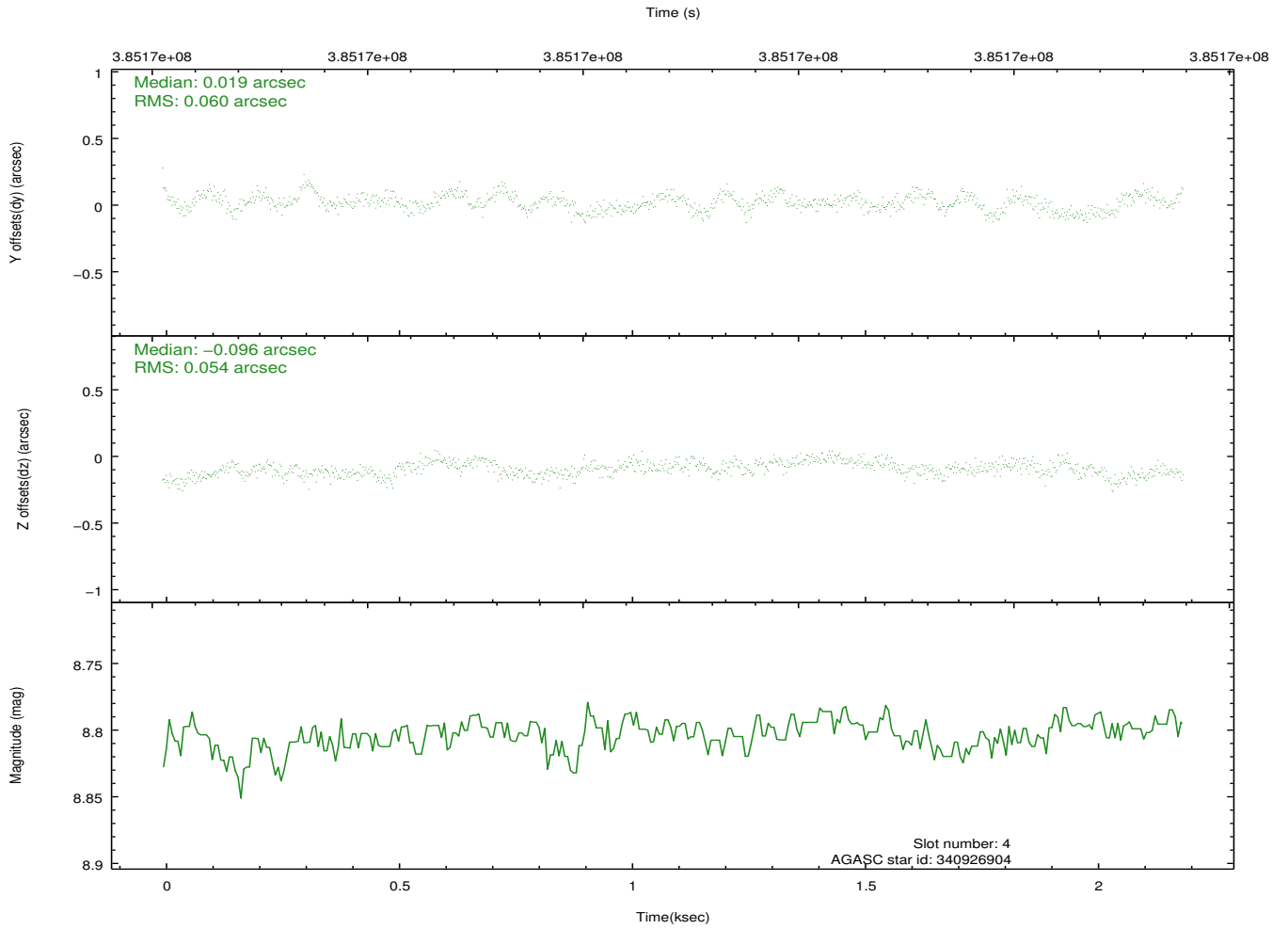
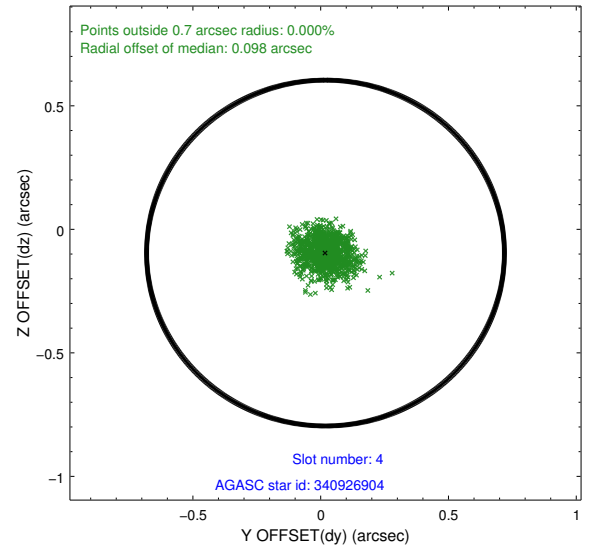
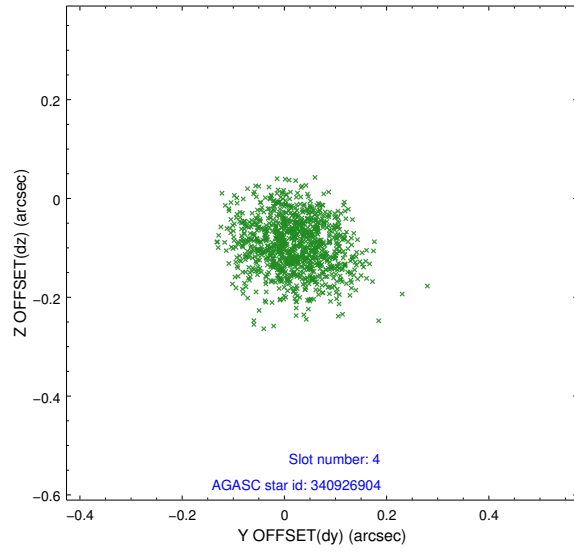
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.99	535	-0.021	-0.046	0.007	0.011	0.000000	0.000000	-765.92	-1734.90
1	FID	ACIS-S-4	7.07	535	0.132	0.023	0.006	0.010	0.000000	0.000000	2146.15	170.57
2	FID	ACIS-S-5	7.12	535	-0.141	0.032	0.006	0.010	0.000000	0.000000	-1815.07	167.63
3	GUIDE	340924024	8.29	1069	-0.185	-0.110	0.063	0.104	253.753690	37.320050	466.62	1151.85
4	GUIDE	340926904	8.80	1069	0.019	-0.096	0.087	0.136	253.618787	36.679978	-1778.39	1799.31
5	GUIDE	340927848	9.21	1069	0.014	-0.063	0.088	0.142	253.901522	36.786491	-1491.01	946.88
6	GUIDE	341050736	9.05	1062	0.110	0.262	0.079	0.125	254.271958	36.716856	-1856.02	-88.79
7	GUIDE	402528608	8.64	1068	0.044	0.006	0.093	0.164	254.958206	37.849373	1994.43	-2467.91

2.4 Star Slots

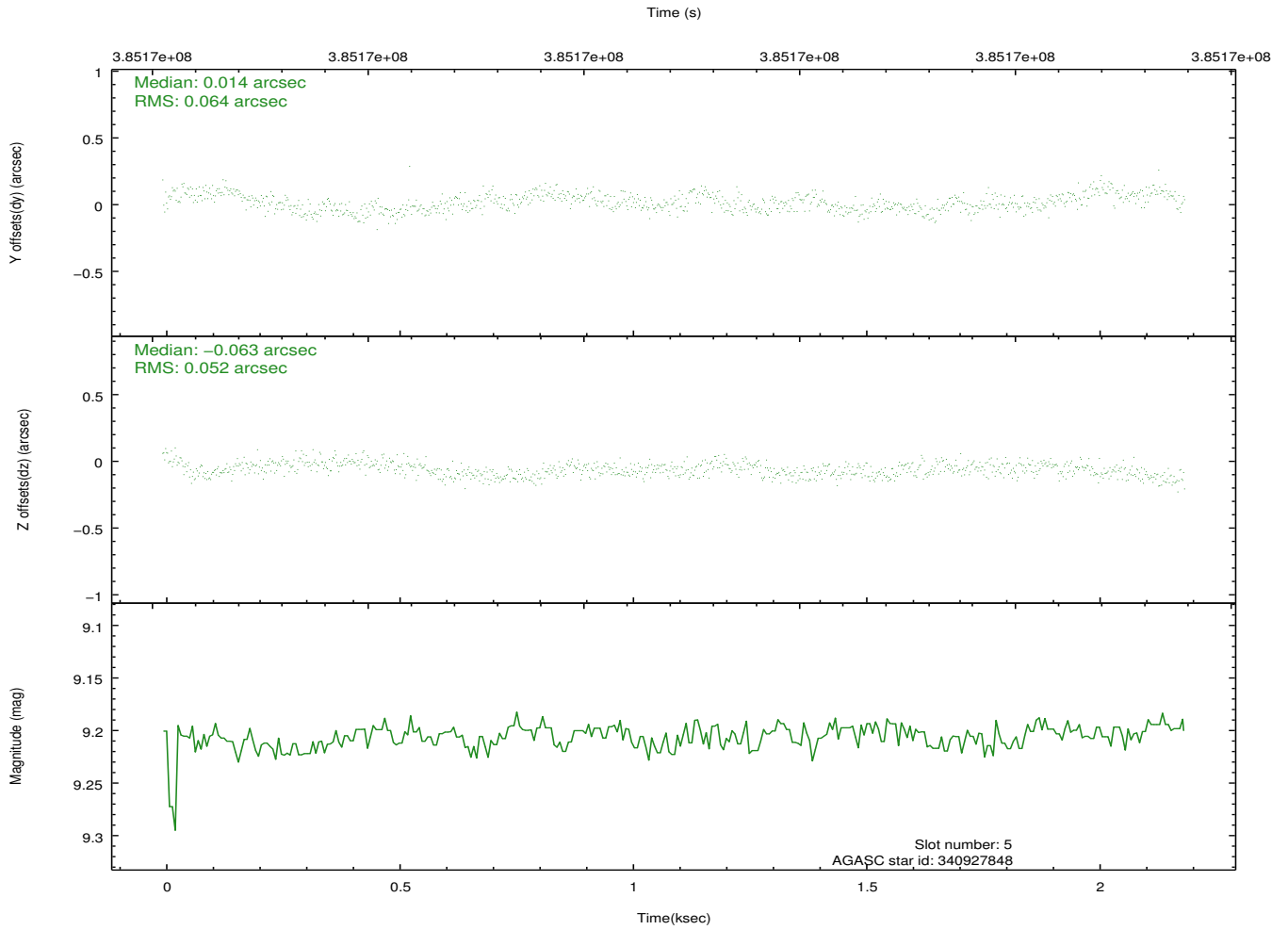
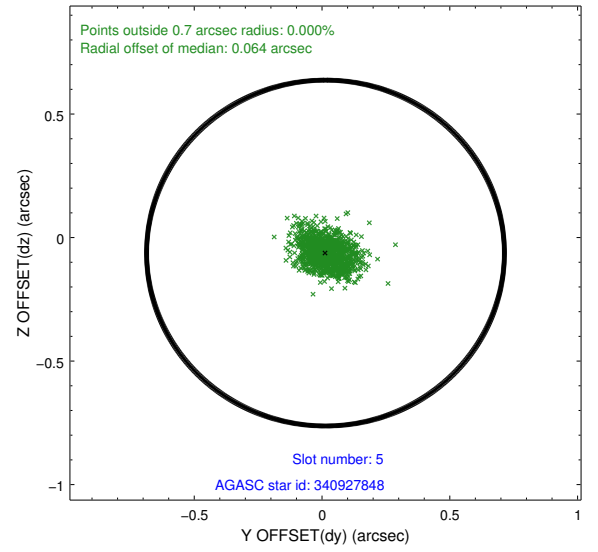
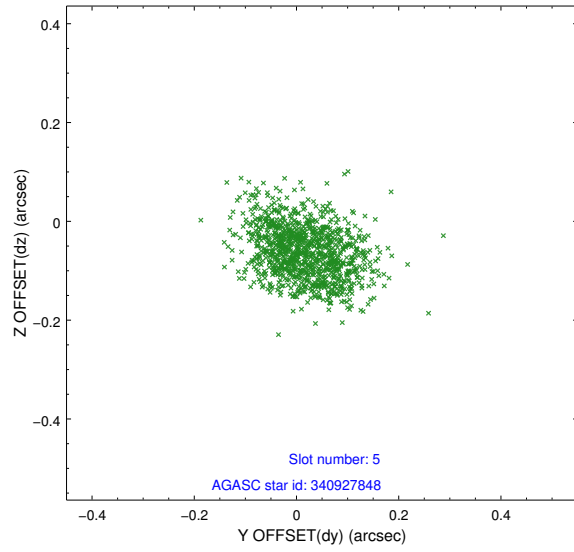
2.4.1 Slot 3



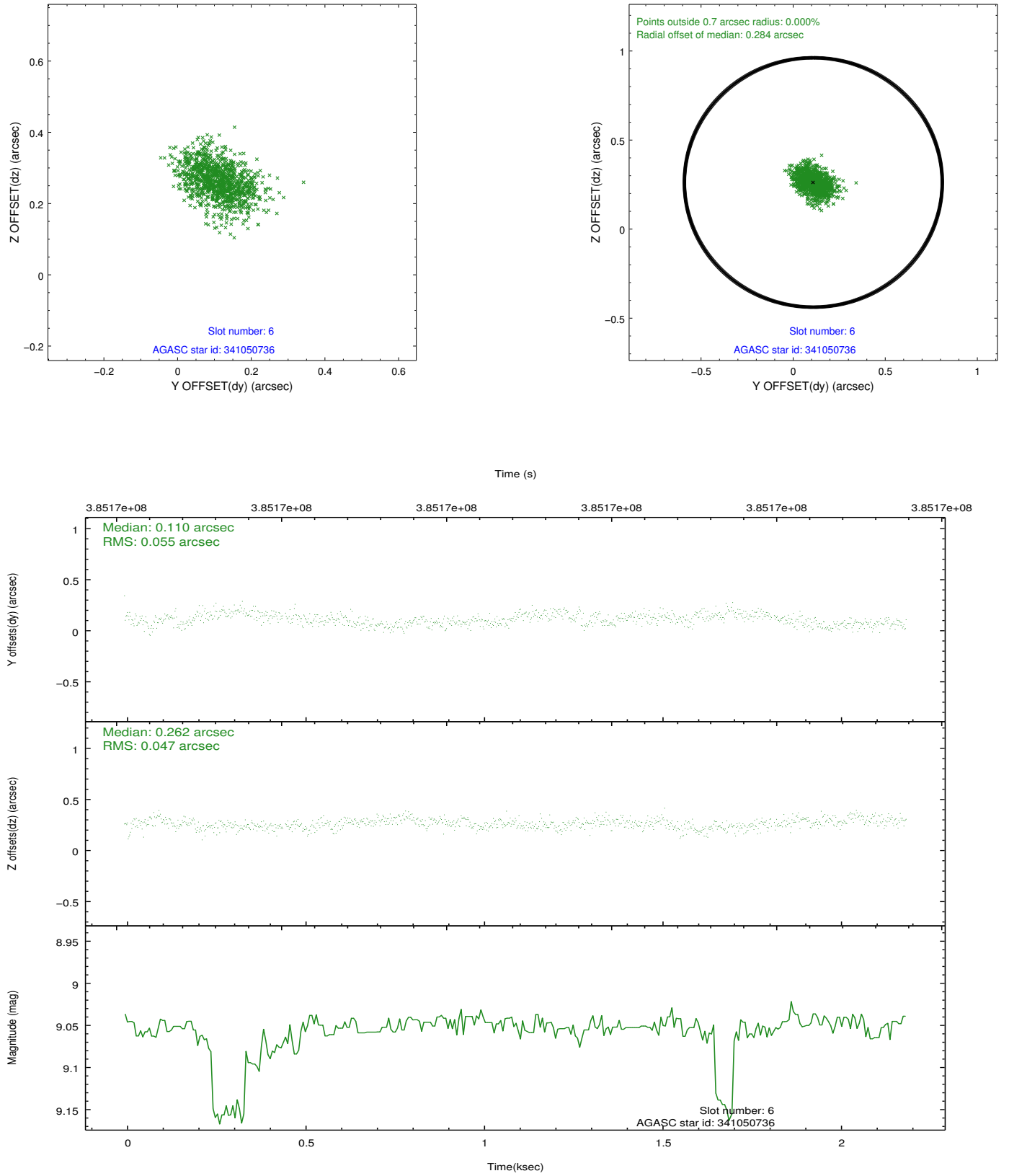
2.4.2 Slot 4



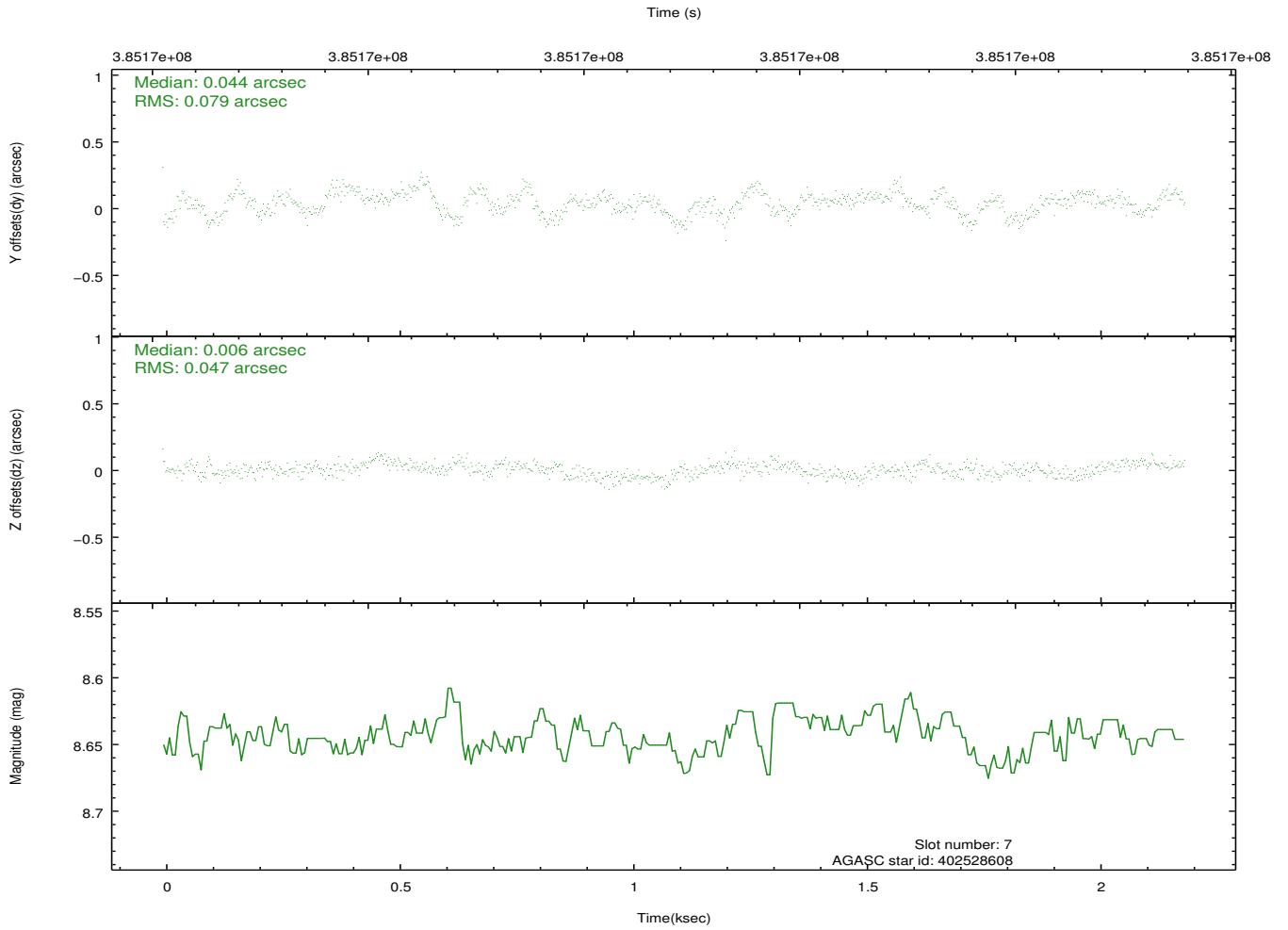
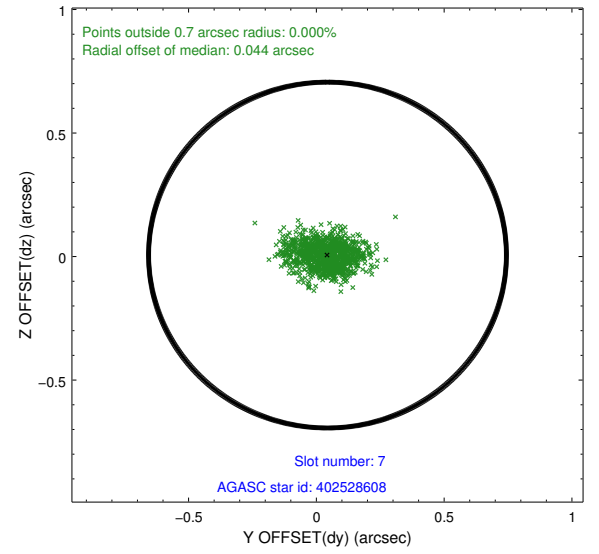
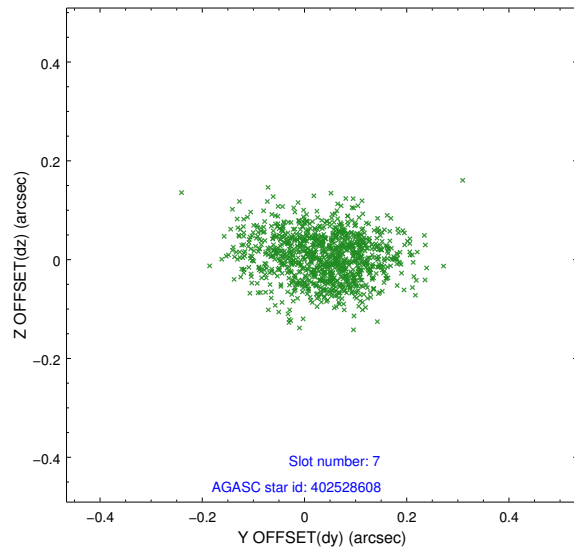
2.4.3 Slot 5



2.4.4 Slot 6

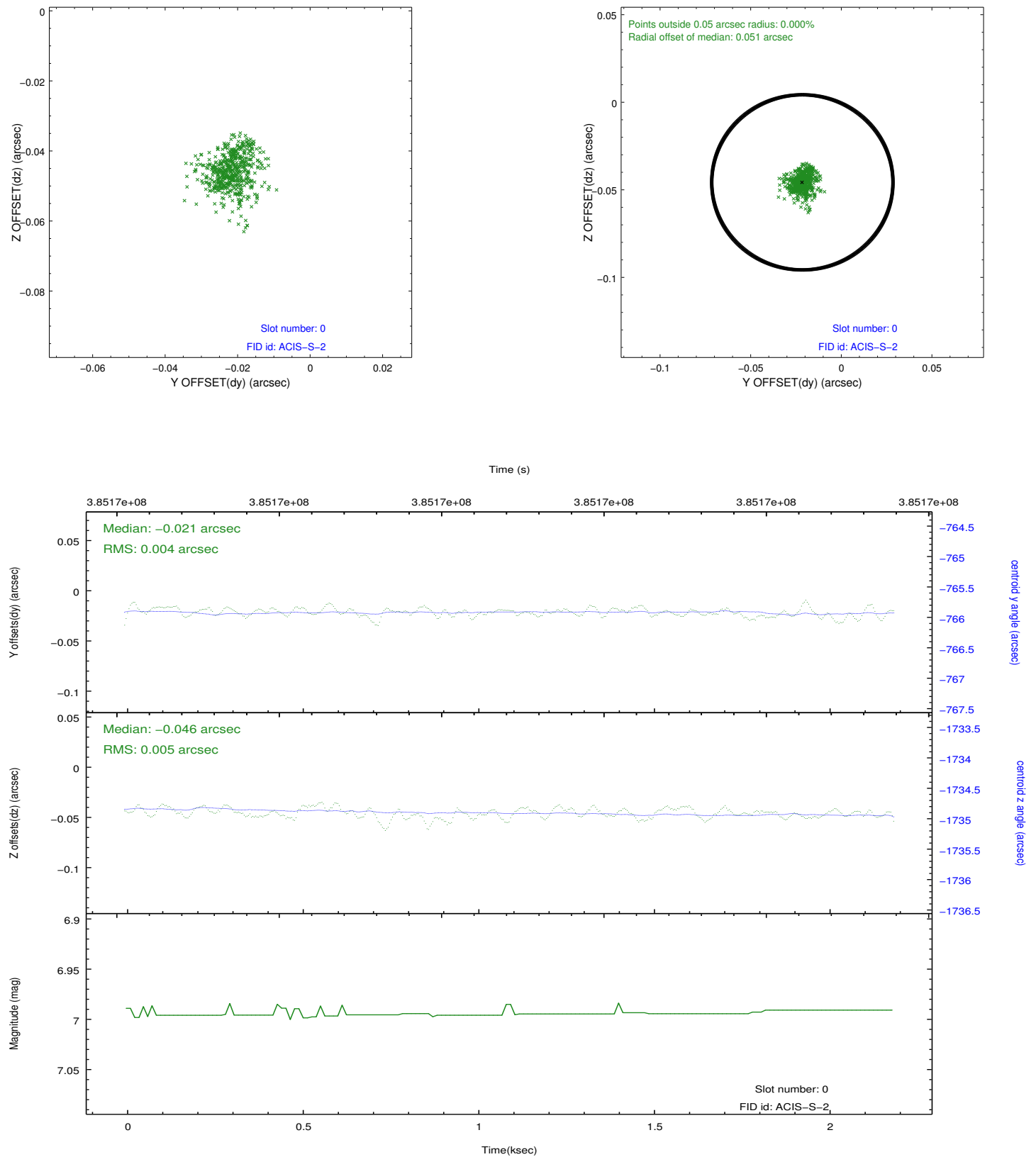


2.4.5 Slot 7

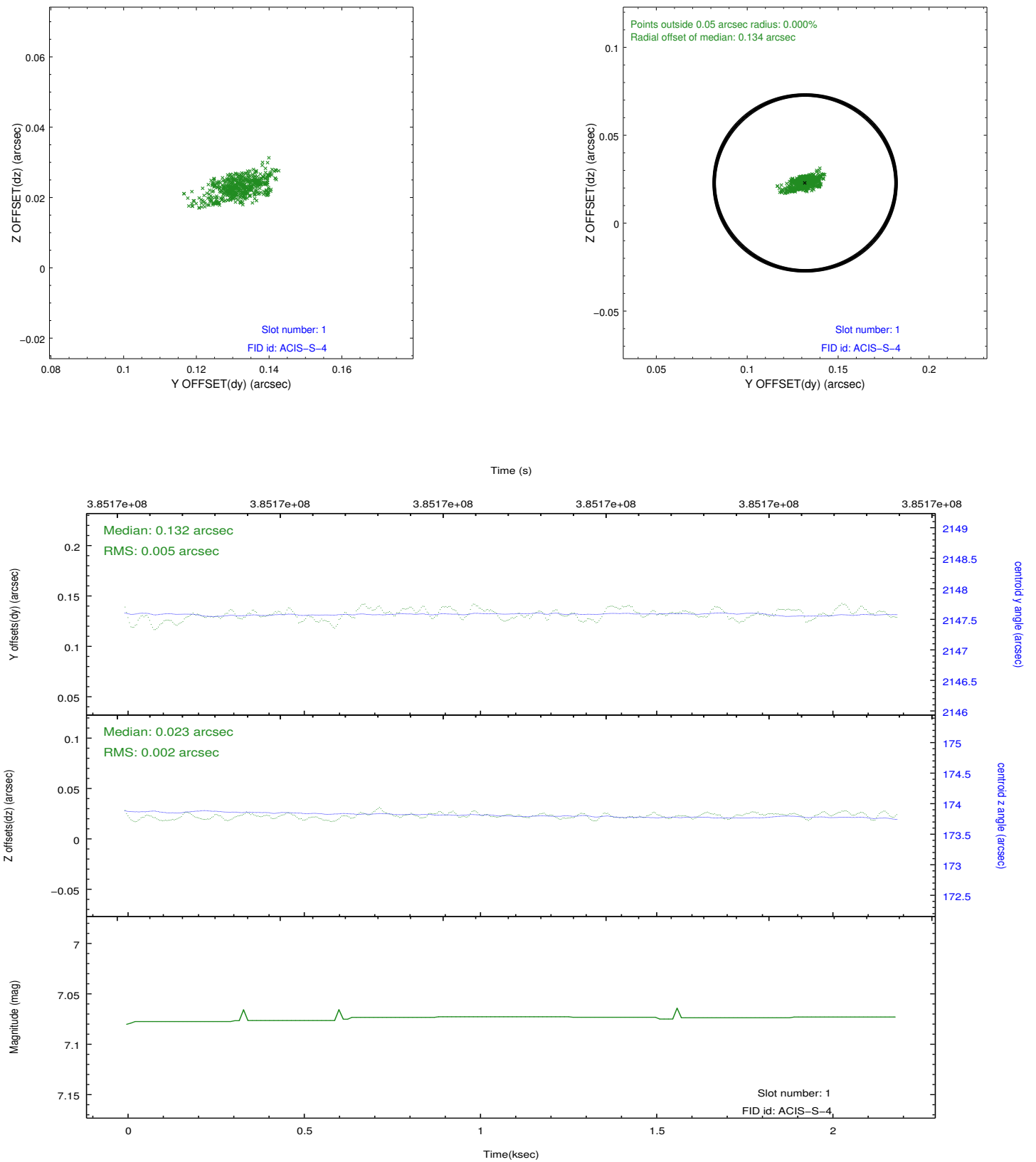


2.5 FID Slots

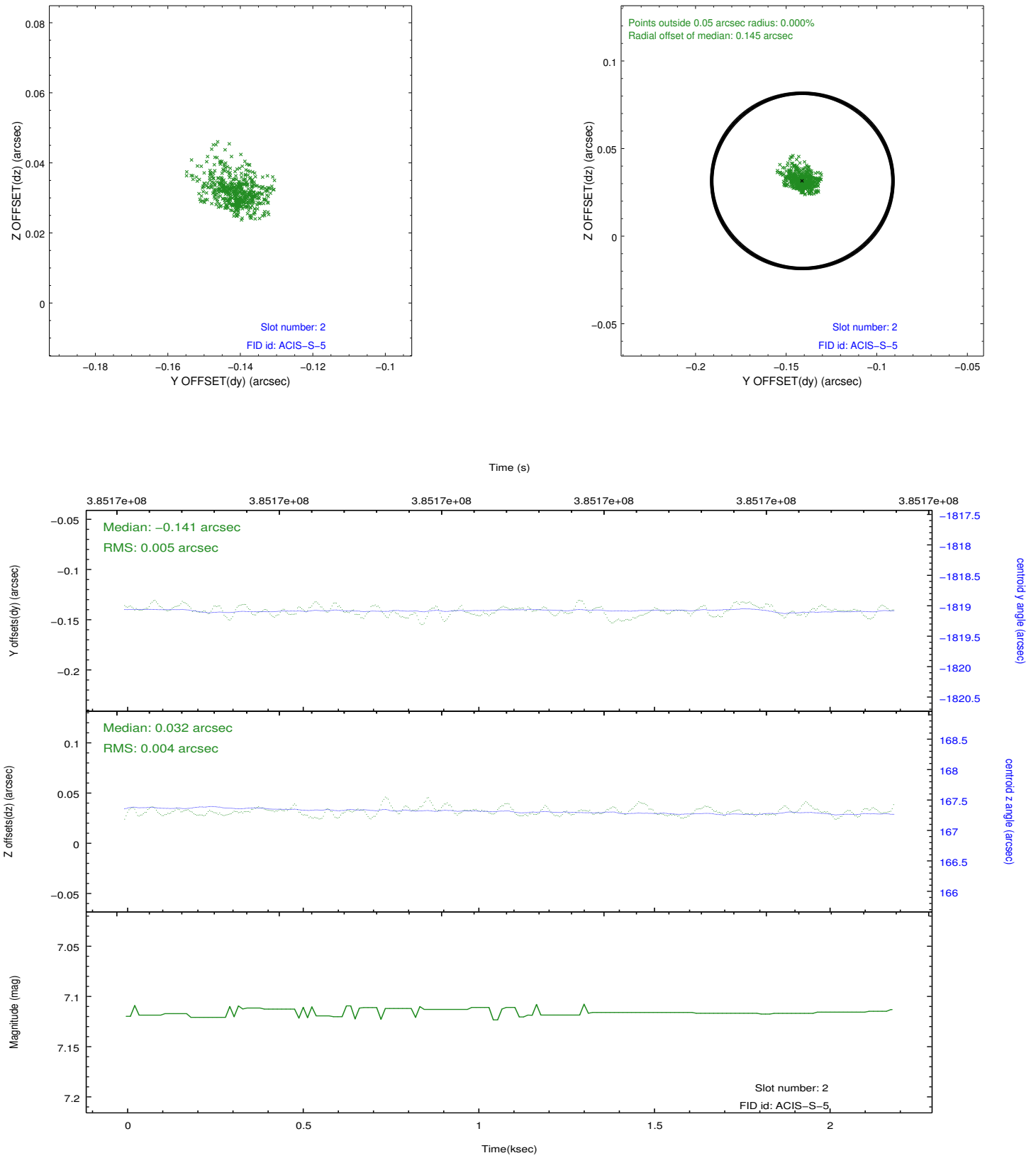
2.5.1 Slot 0



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)	2012.06.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1887998695374

A.2 Comments