

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4422 - L2 Version 3
Chandra X-Ray Center

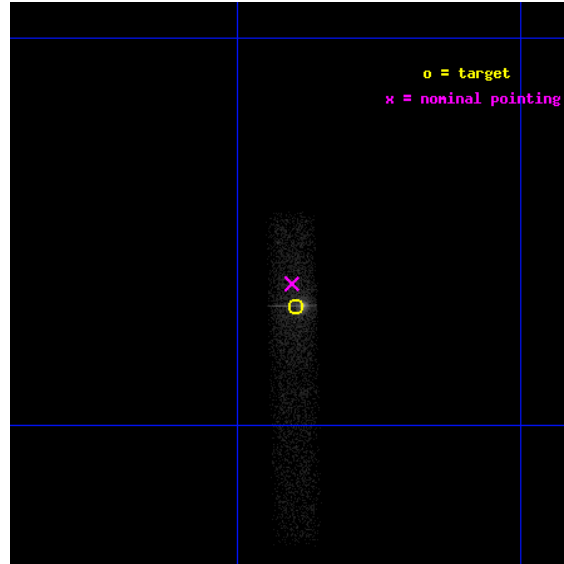
L2 Processing Date : Oct 24 2012

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1 Front

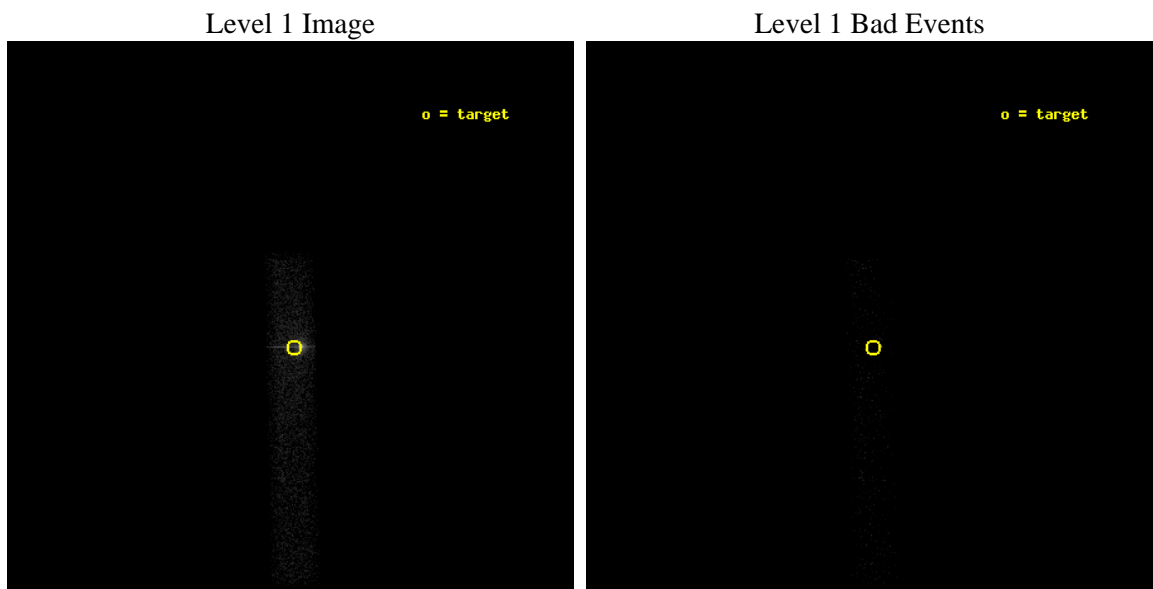
seq_num	400319	Sequence number
obs_id	4422	Observation id
title	THE BHC SOFT X-RAY TRANSIENT XTE J1908+094 RETURNING TO QUIESCENCE	
observer	dr Peter Jonker	Principal investigator
object	XTE J1908+094	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	287.224167	Observer's specified target RA [deg]
dec_targ	9.384694	Observer's specified target Dec [deg]
ra_nom	287.22601926626	Nominal RA [deg]
dec_nom	9.394064484935	Nominal Dec [deg]
roll_nom	88.876964936112	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5212.400077641	Sum of GTIs [s]
livetime	4727.3717373853	Livetime [s]
ontime7	5212.400077641	Sum of GTIs [s]
l2events	15427	Number of level 2 events



2 OBI

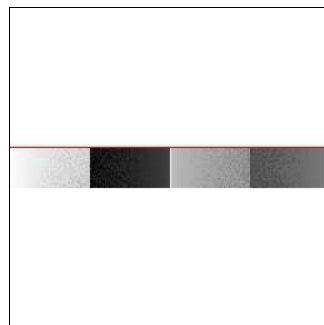
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5212.400077641	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	5212.400077641	Sum of GTIs [s]
date	2012-10-24T20:37:01	Date and time of file creation	l1events	26311	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

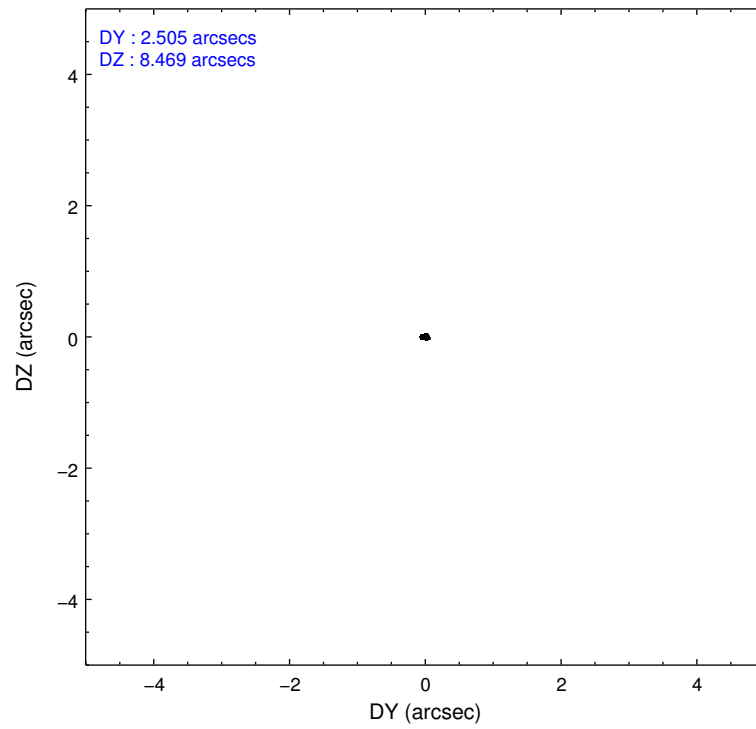
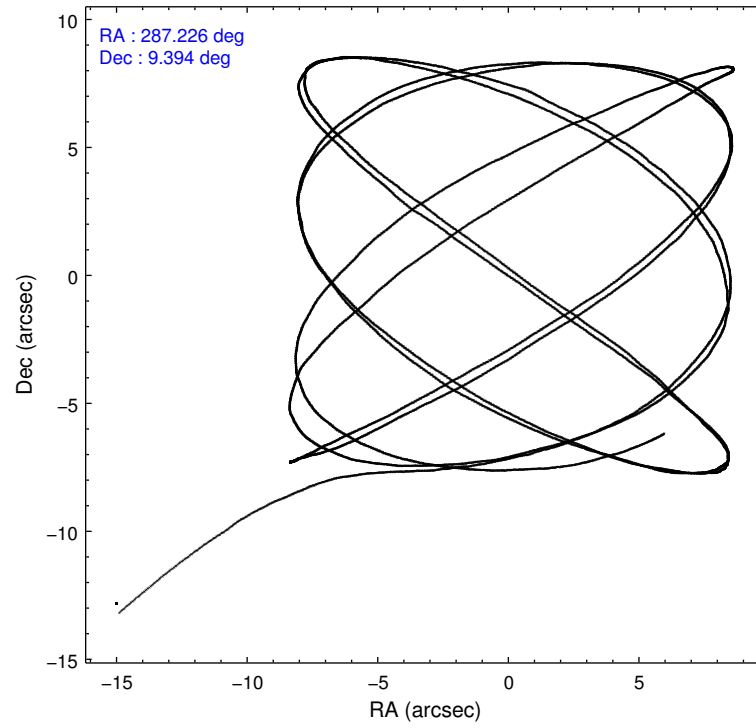
	ccd 7
level 1 events	26311
rejected events	10727
rejected %	40%

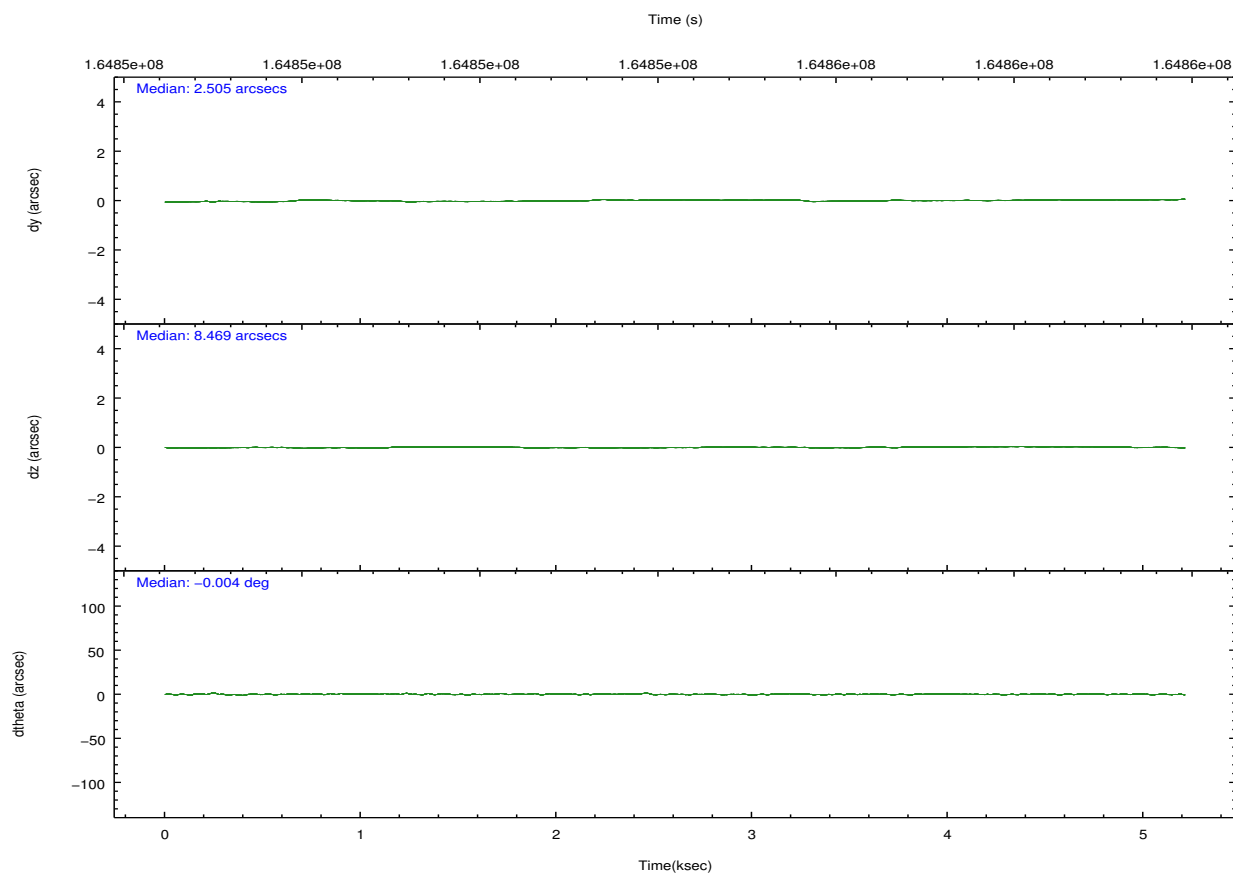
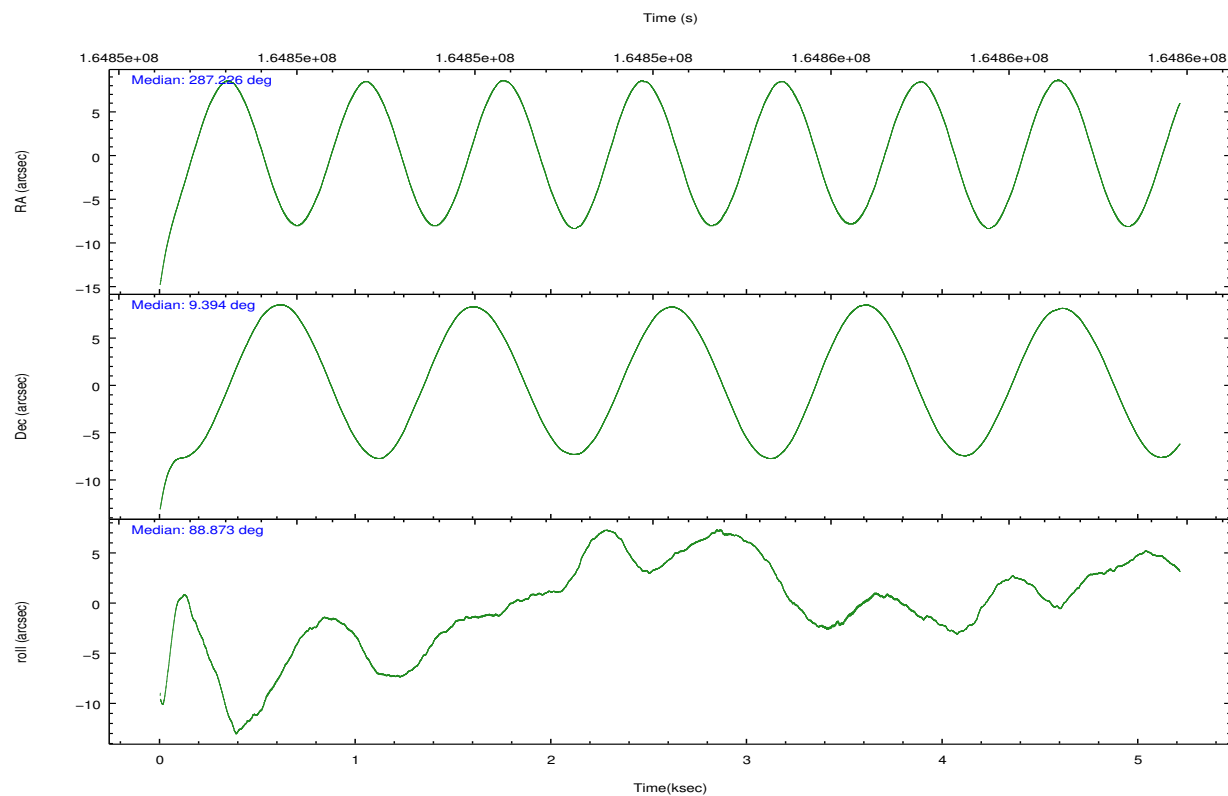
	ccd 7
grade 0 events	2421
	9%
grade 1 events	296
	1%
grade 2 events	3441
	13%
grade 3 events	1677
	6%
grade 4 events	1581
	6%
grade 5 events	2162
	8%
grade 6 events	7289
	27%
grade 7 events	7444
	28%

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	287.239725	287.2260192662602	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	9.370519	9.394064484934951	Subarray start row	449	449
[deg] Pointing Roll	88.718146	88.87696493611186	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)	164851704.184000	164850724.83969			
Observation start date	2003-03-24T00:07:20	2003-03-23T23:52:04			
[s] Observation end time (MET)	164856704.184000	164857477.53997			
Observation end date	2003-03-24T01:30:40	2003-03-24T01:44:37			
Read mode	TIMED	TIMED			

2.3 Aspect



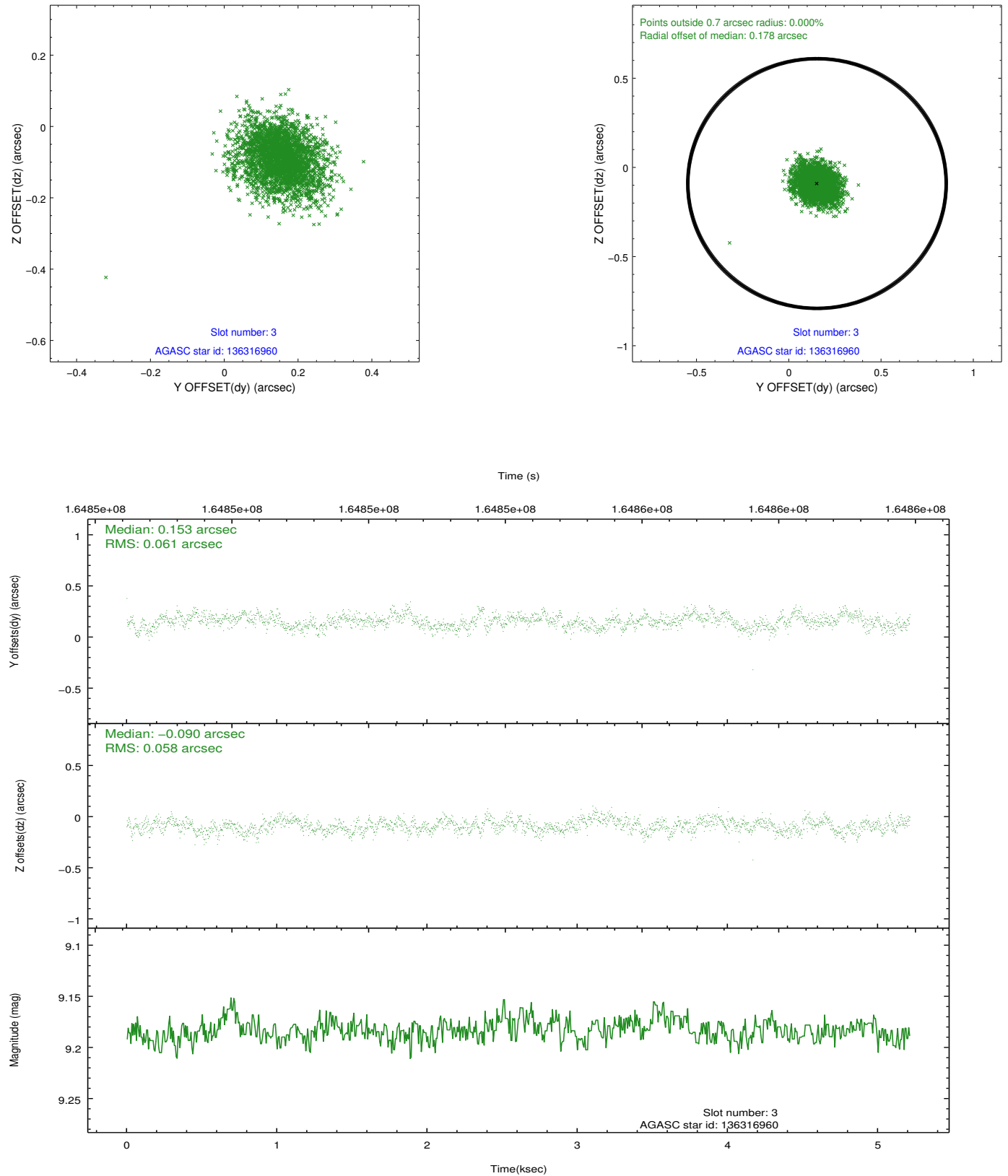


Slot Statistics

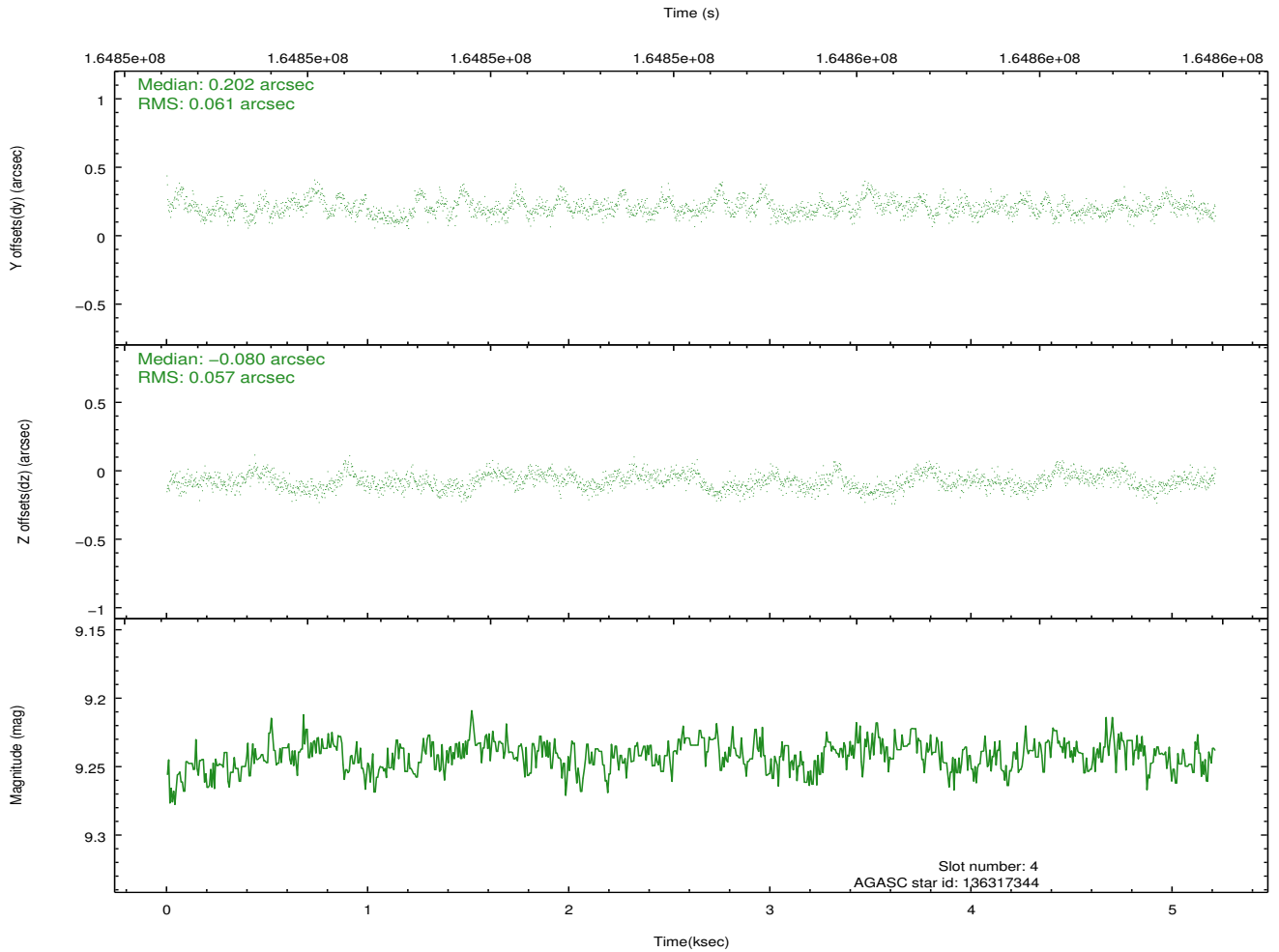
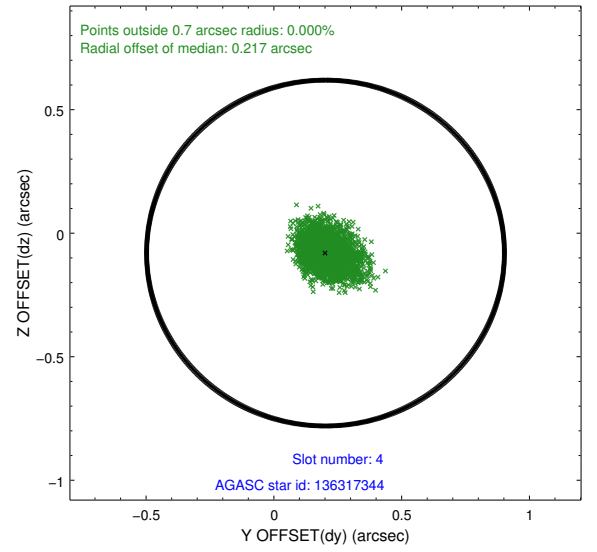
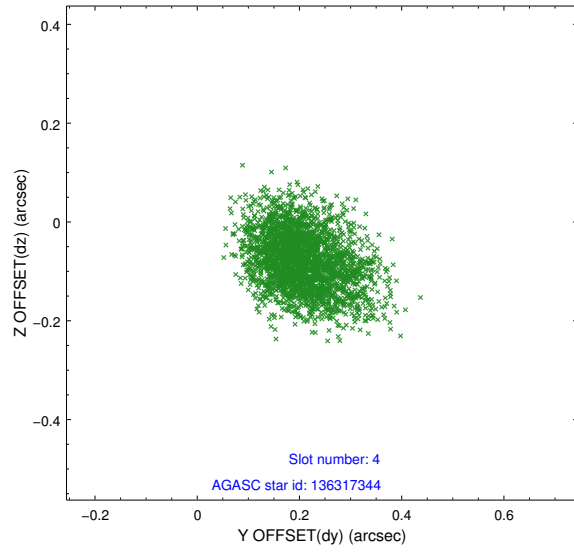
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1272	-0.020	-0.009	0.007	0.011	0.000000	0.000000	-755.15	-1729.63
1	FID	ACIS-S-4	7.20	1271	-0.016	0.012	0.006	0.010	0.000000	0.000000	2157.61	177.67
2	FID	ACIS-S-5	7.24	1271	0.005	0.006	0.007	0.012	0.000000	0.000000	-1806.47	172.66
3	GUIDE	136316960	9.18	2541	0.153	-0.090	0.089	0.143	287.104881	9.133555	-862.80	459.98
4	GUIDE	136317344	9.24	2544	0.202	-0.080	0.089	0.146	287.032148	8.921467	-1632.10	701.96
5	GUIDE	136849008	9.64	2536	-0.309	-0.116	0.104	0.170	287.041390	10.029261	2354.96	756.38
6	GUIDE	136973480	8.46	2544	-0.118	0.141	0.097	0.176	287.924725	9.951688	2150.06	-2380.91
7	GUIDE	136450552	9.24	2543	0.078	0.145	0.098	0.164	287.756963	9.197020	-580.37	-1852.38

2.4 Star Slots

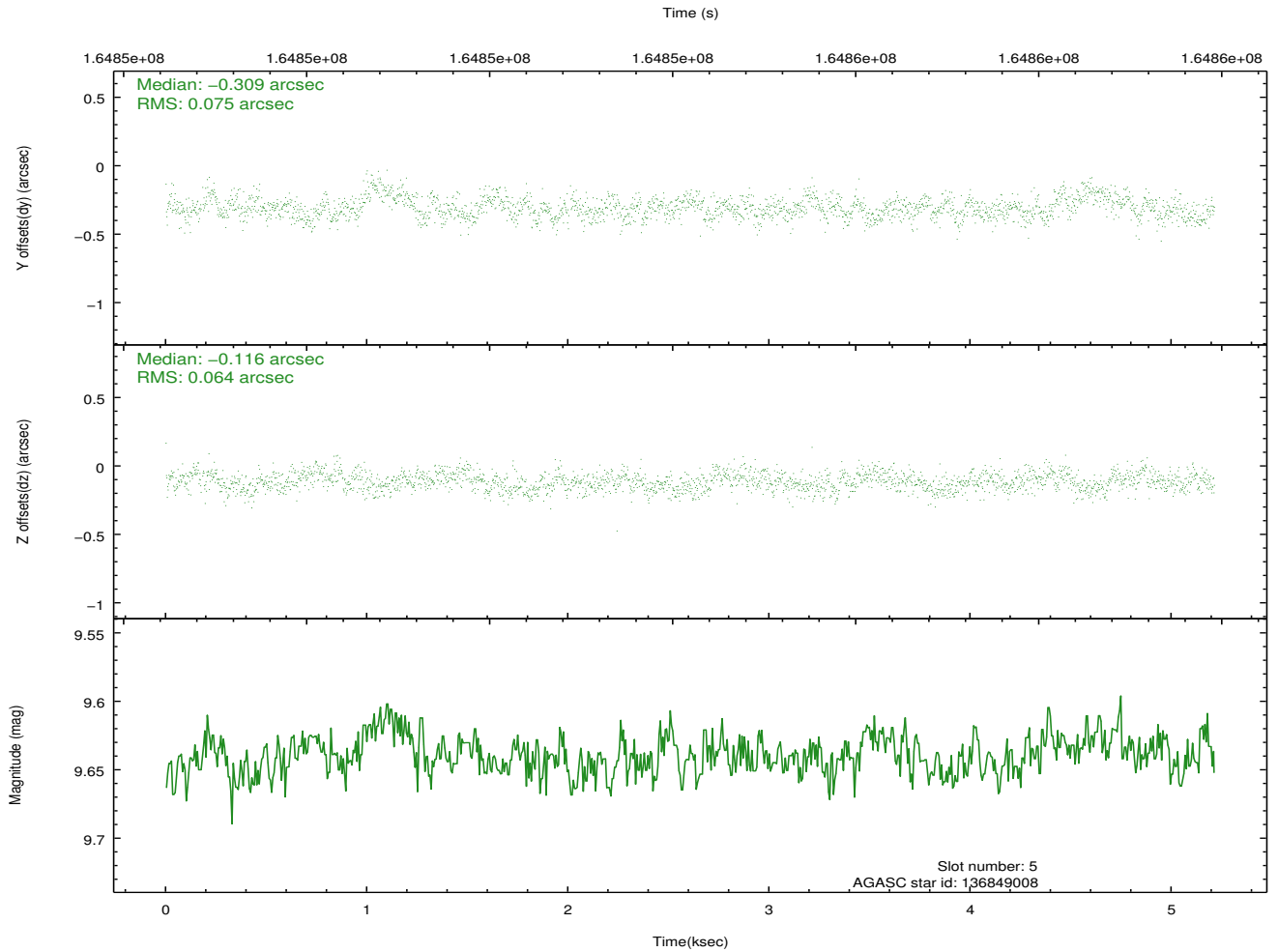
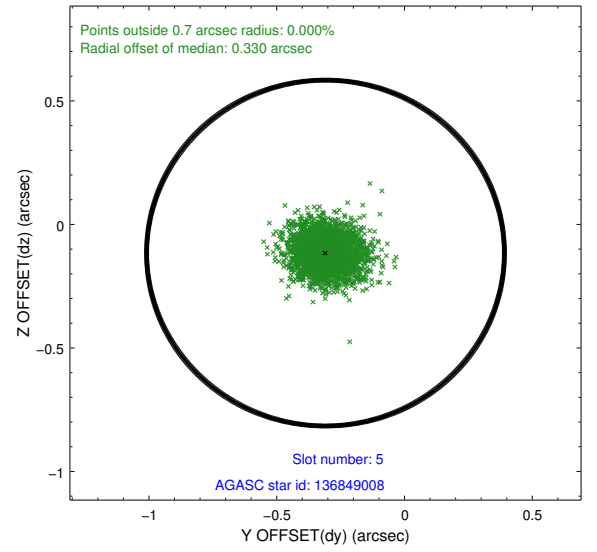
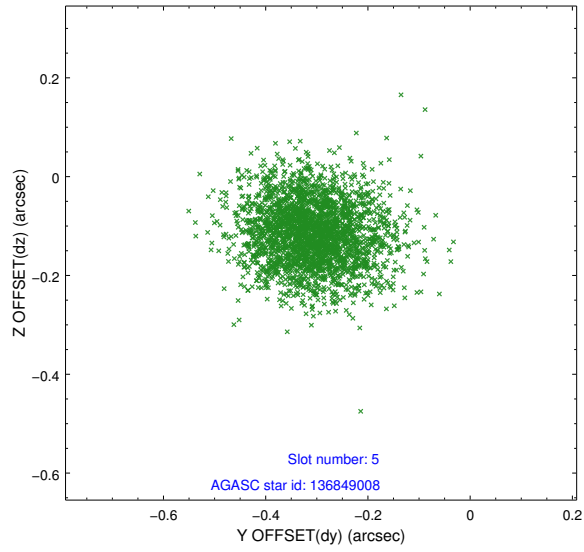
2.4.1 Slot 3



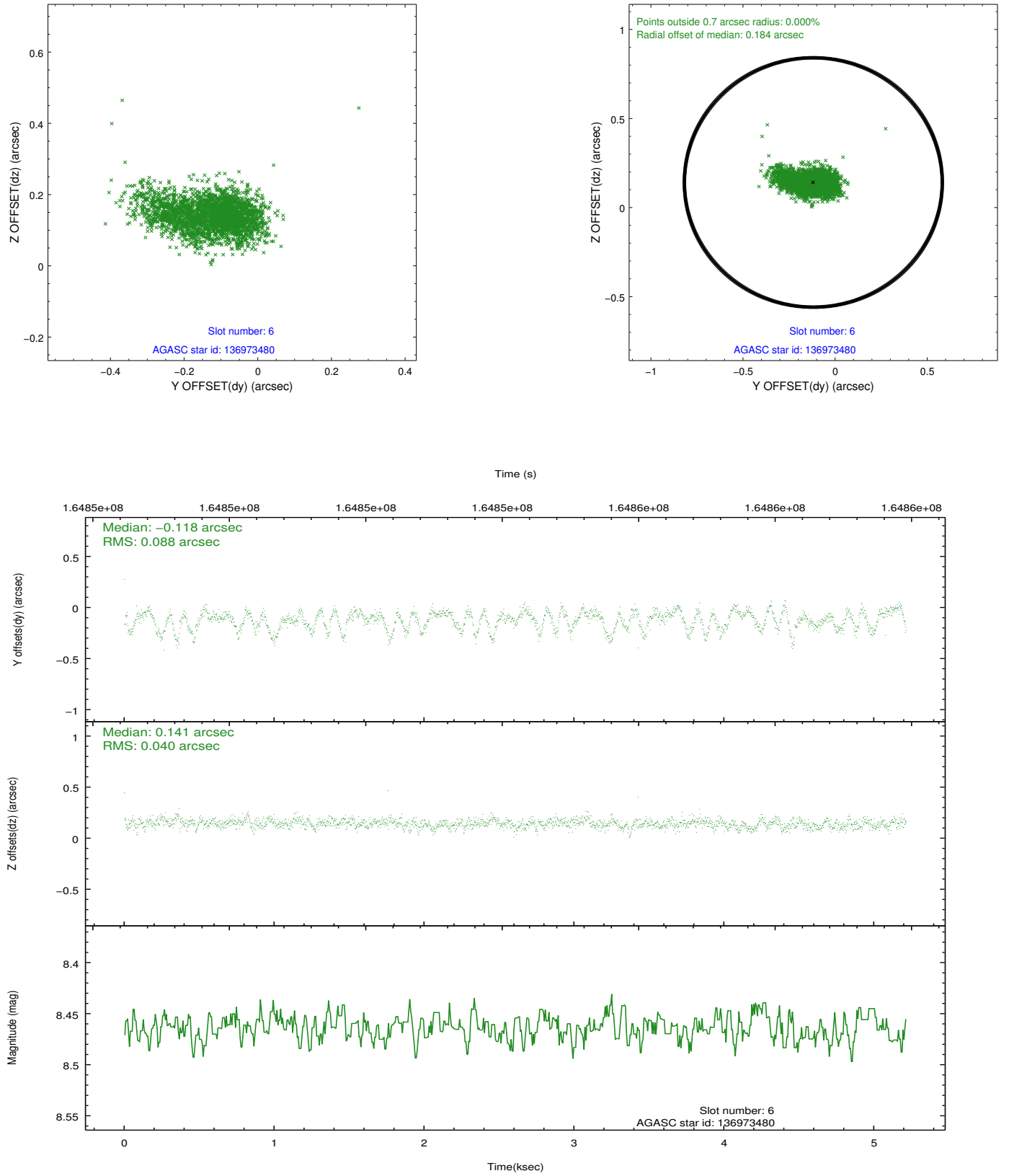
2.4.2 Slot 4



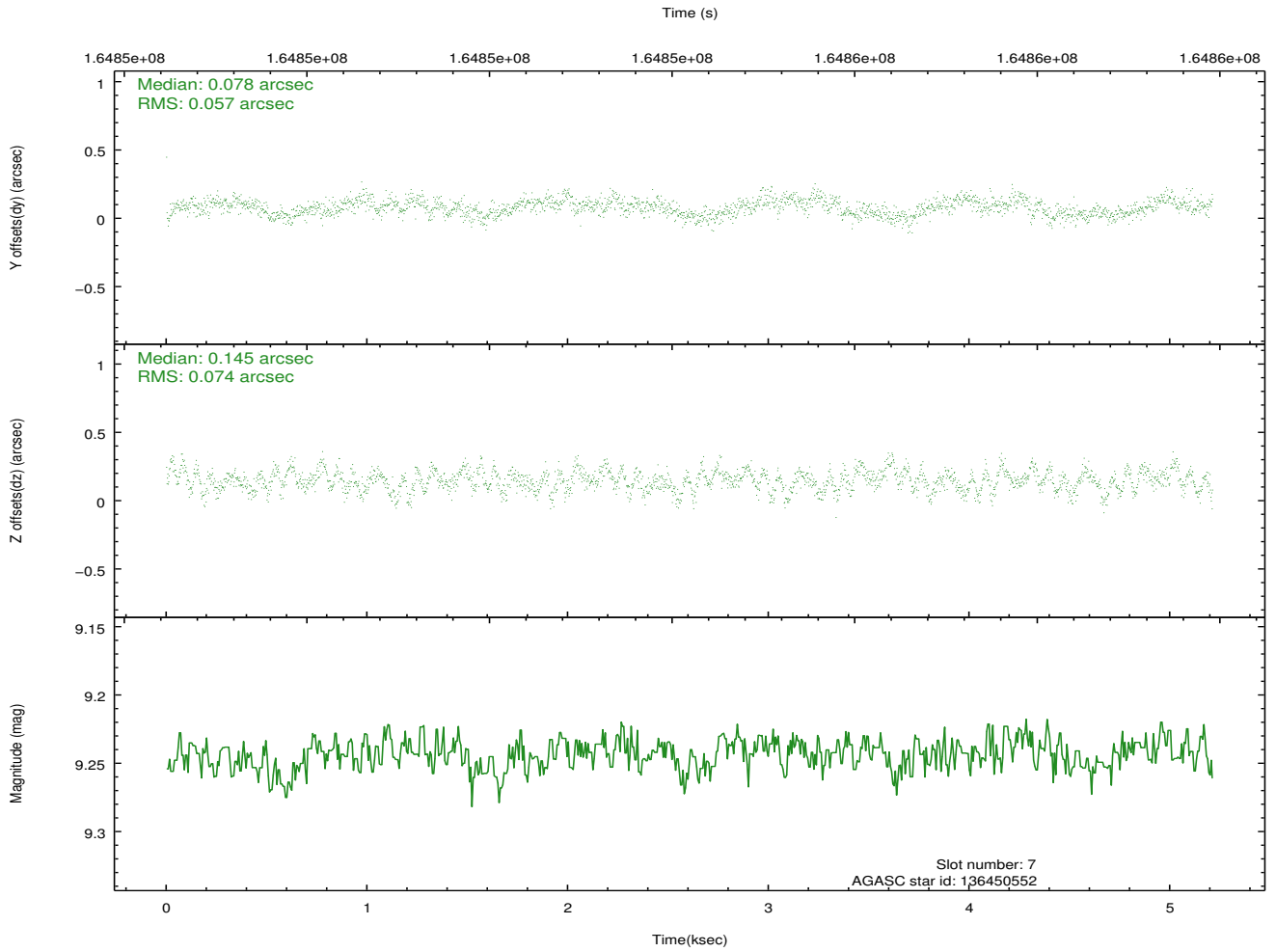
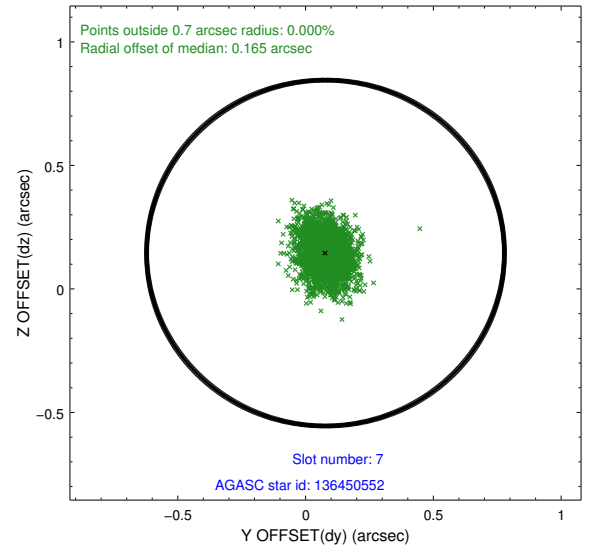
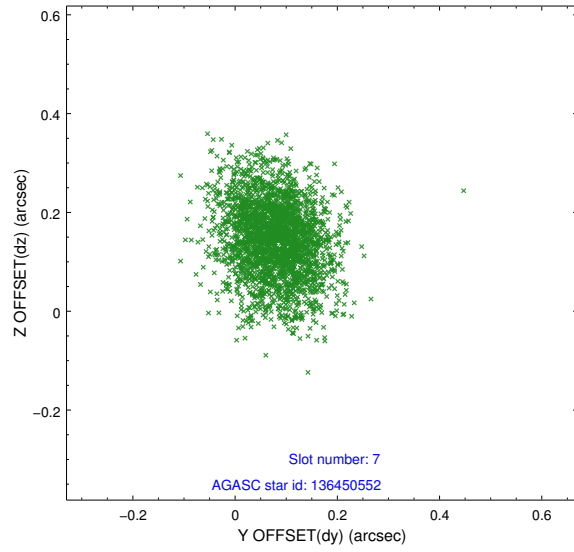
2.4.3 Slot 5



2.4.4 Slot 6

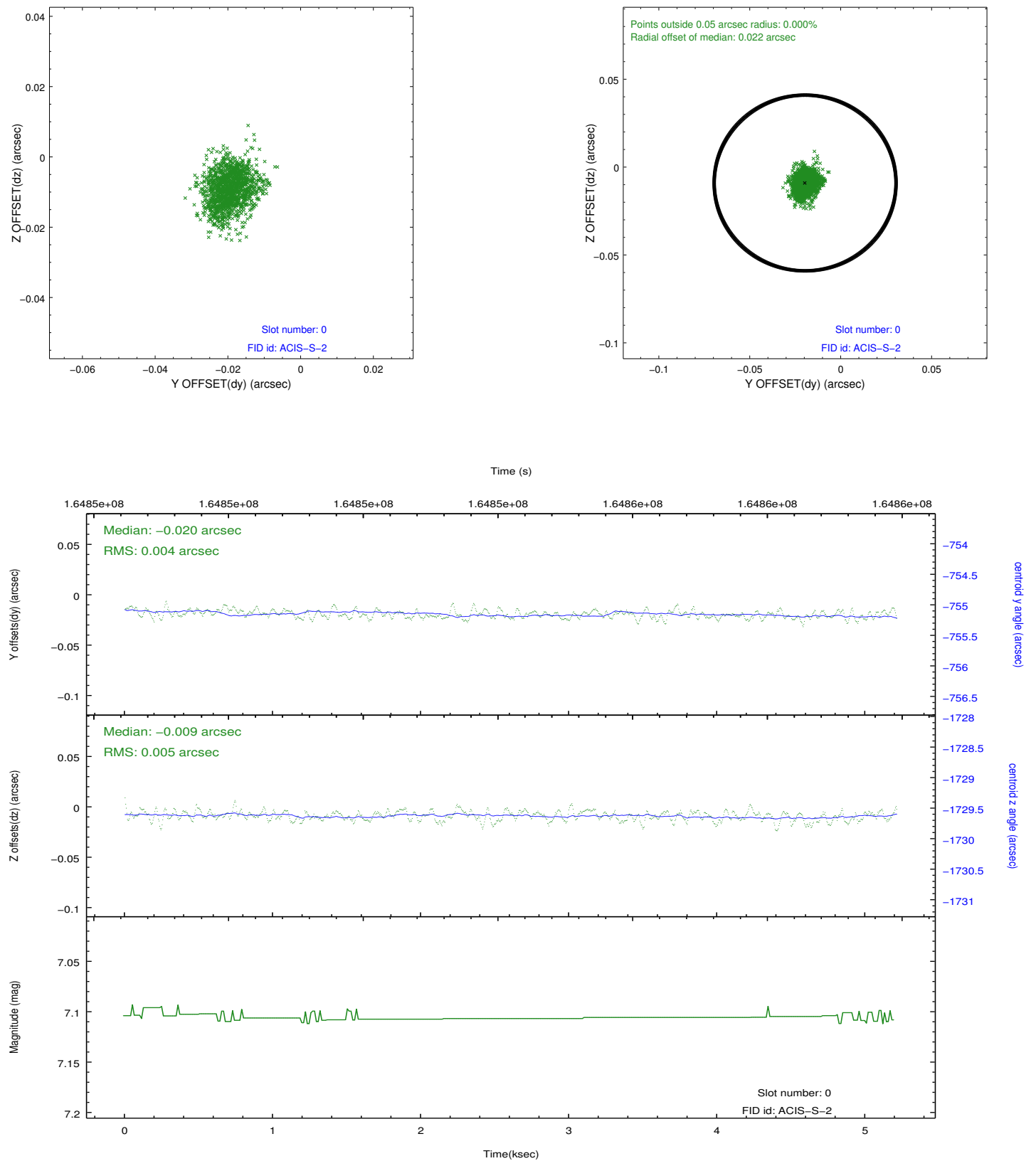


2.4.5 Slot 7

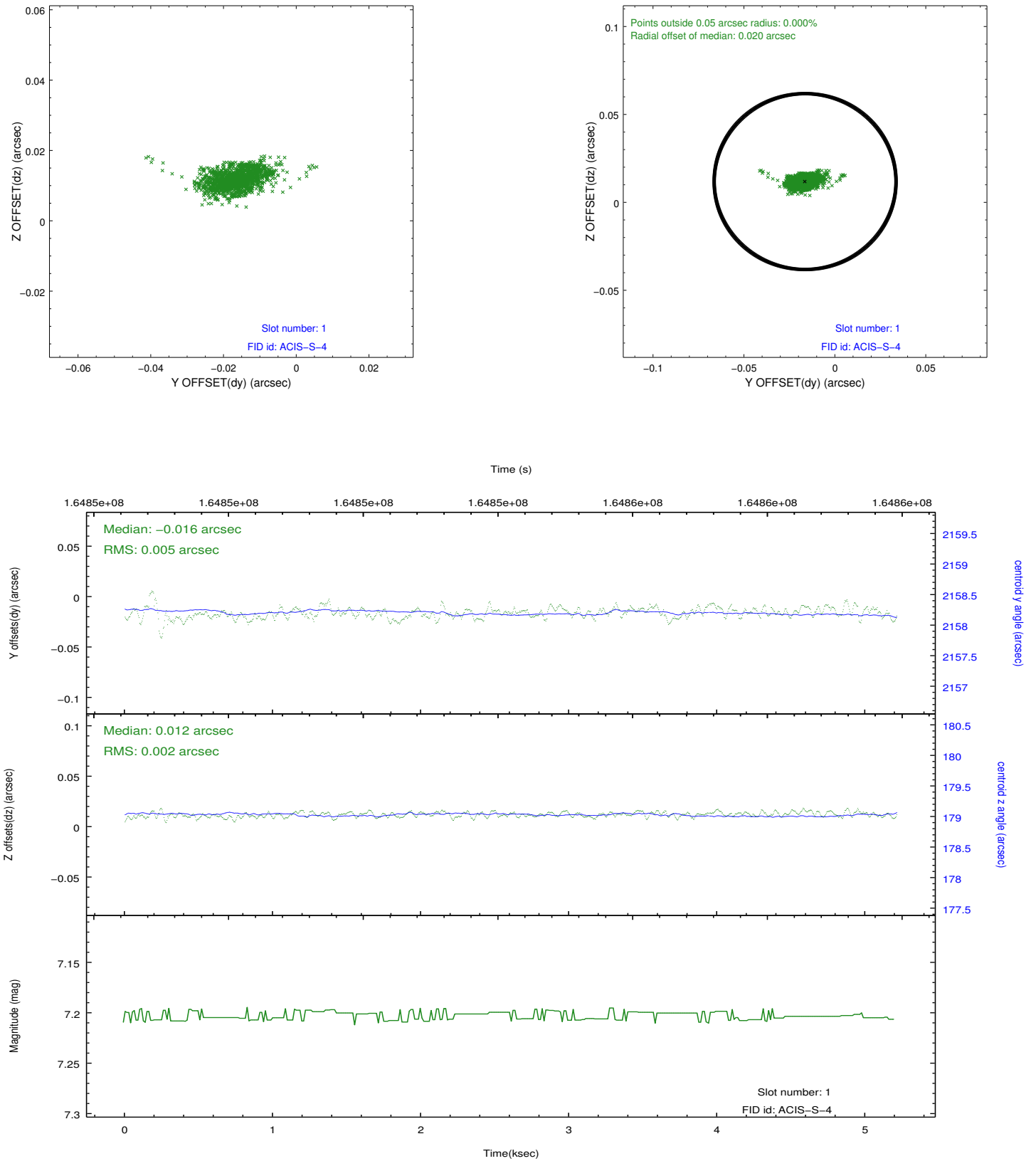


2.5 FID Slots

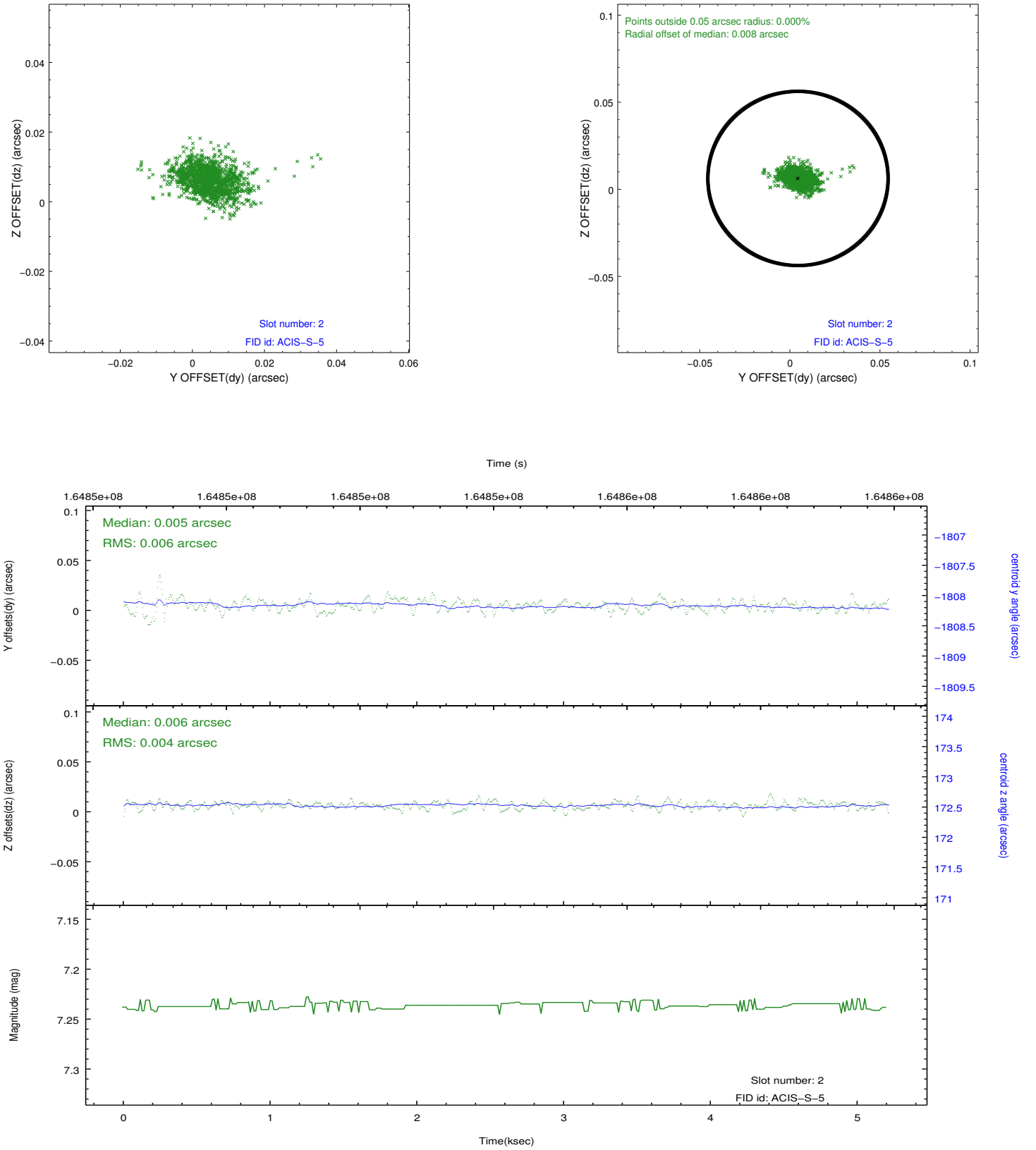
2.5.1 Slot 0



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)	2012.11.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.212

A.2 Comments