

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4108 - L2 Version 3
Chandra X-Ray Center

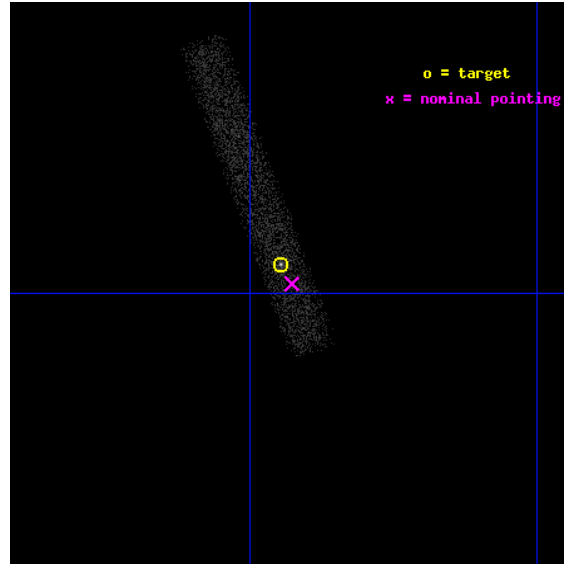
L2 Processing Date : Oct 26 2012

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1 Front

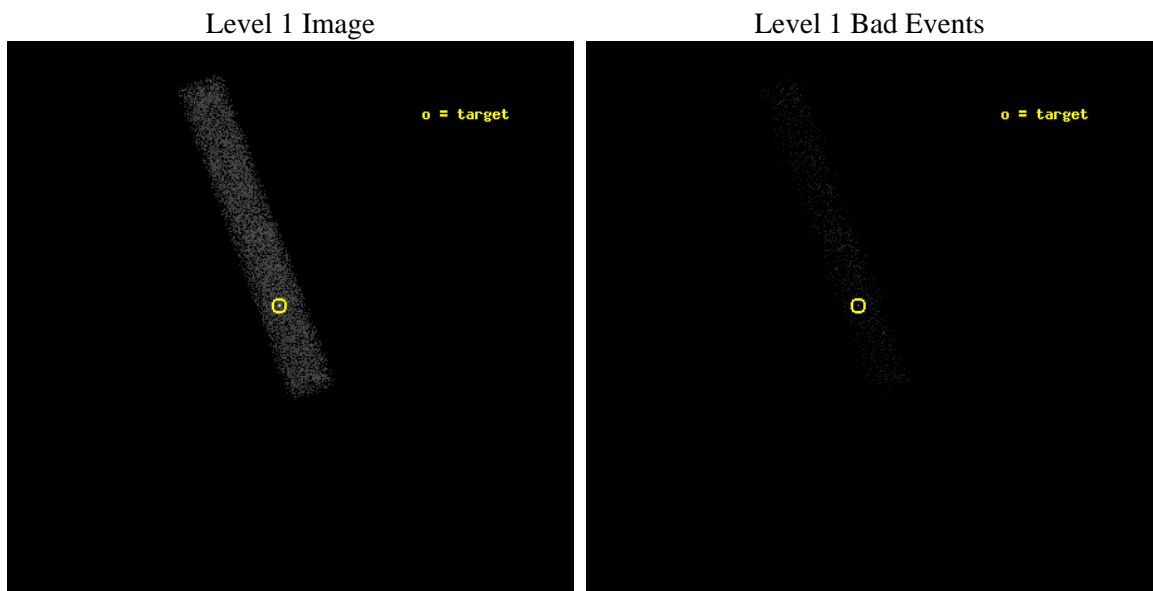
seq_num	700787	Sequence number
obs_id	4108	Observation id
title	THE X-RAY PROPERTIES OF ULTRALUMINOUS INFRARED GALAXIES (ULIGS)	Pr
observer	Professor Andrew Wilson	Principal investigator
object	Z11598-0112	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	180.611667	Observer's specified target RA [deg]
dec_targ	-1.487694	Observer's specified target Dec [deg]
ra_nom	180.60679242877	Nominal RA [deg]
dec_nom	-1.4960537958336	Nominal Dec [deg]
roll_nom	249.53885905965	Nominal Roll [deg]
revision	3	Processing version of data
ontime	10366.000154436	Sum of GTIs [s]
livetime	9401.4149777214	Livetime [s]
ontime7	10366.000154436	Sum of GTIs [s]
l2events	7225	Number of level 2 events



2 OBI

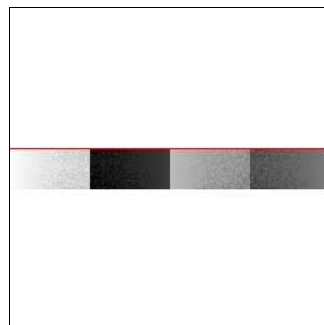
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	10366.000154436	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	10366.000154436	Sum of GTIs [s]
date	2012-10-26T13:13:16	Date and time of file creation	l1events	14004	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

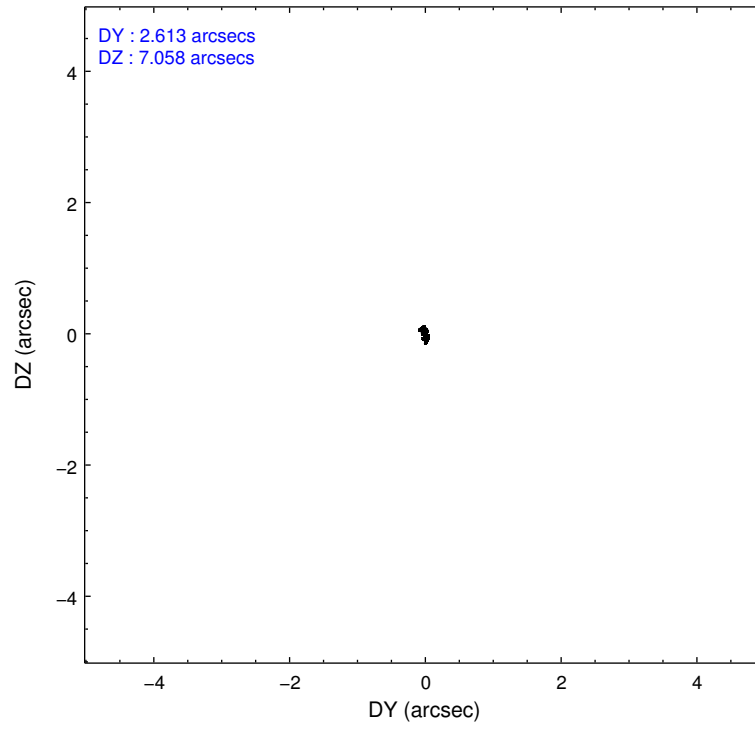
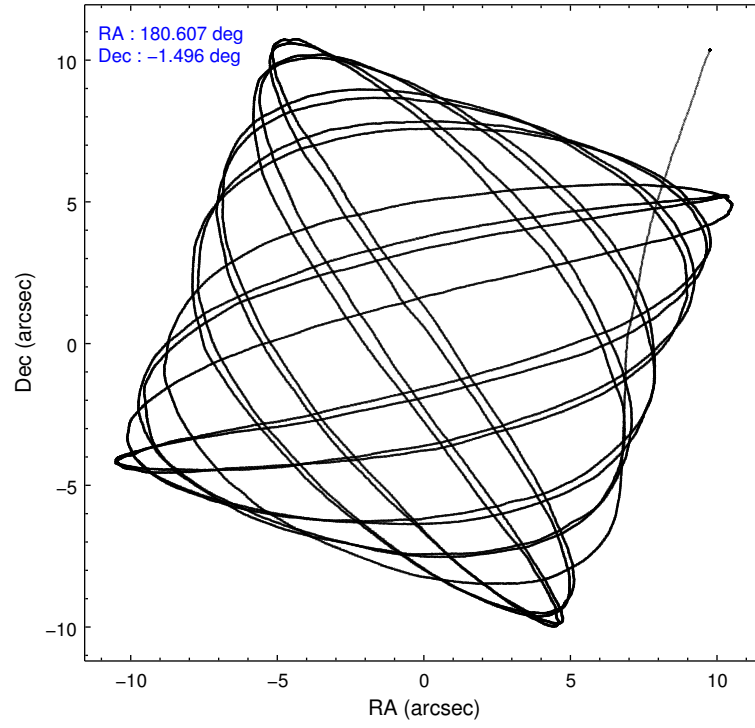
	ccd 7
level 1 events	14004
rejected events	6566
rejected %	46%

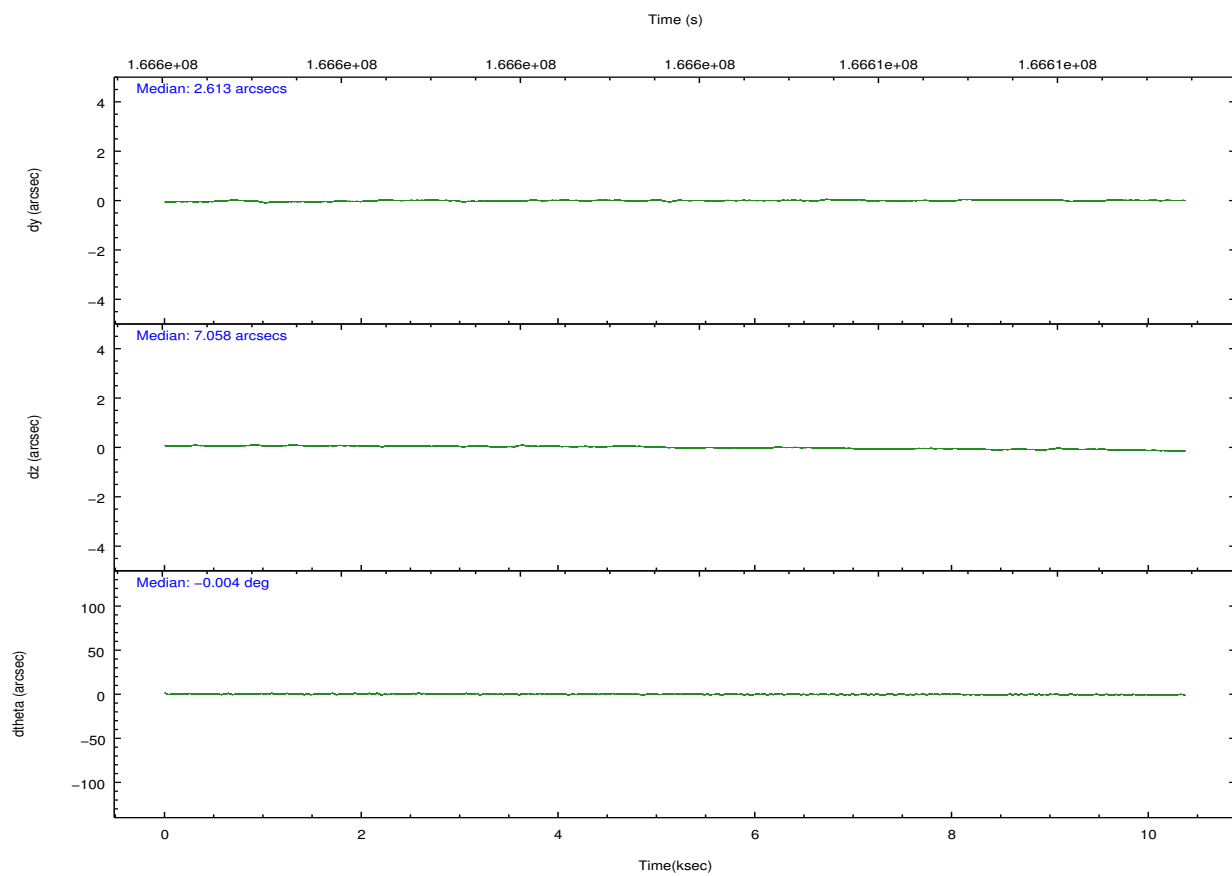
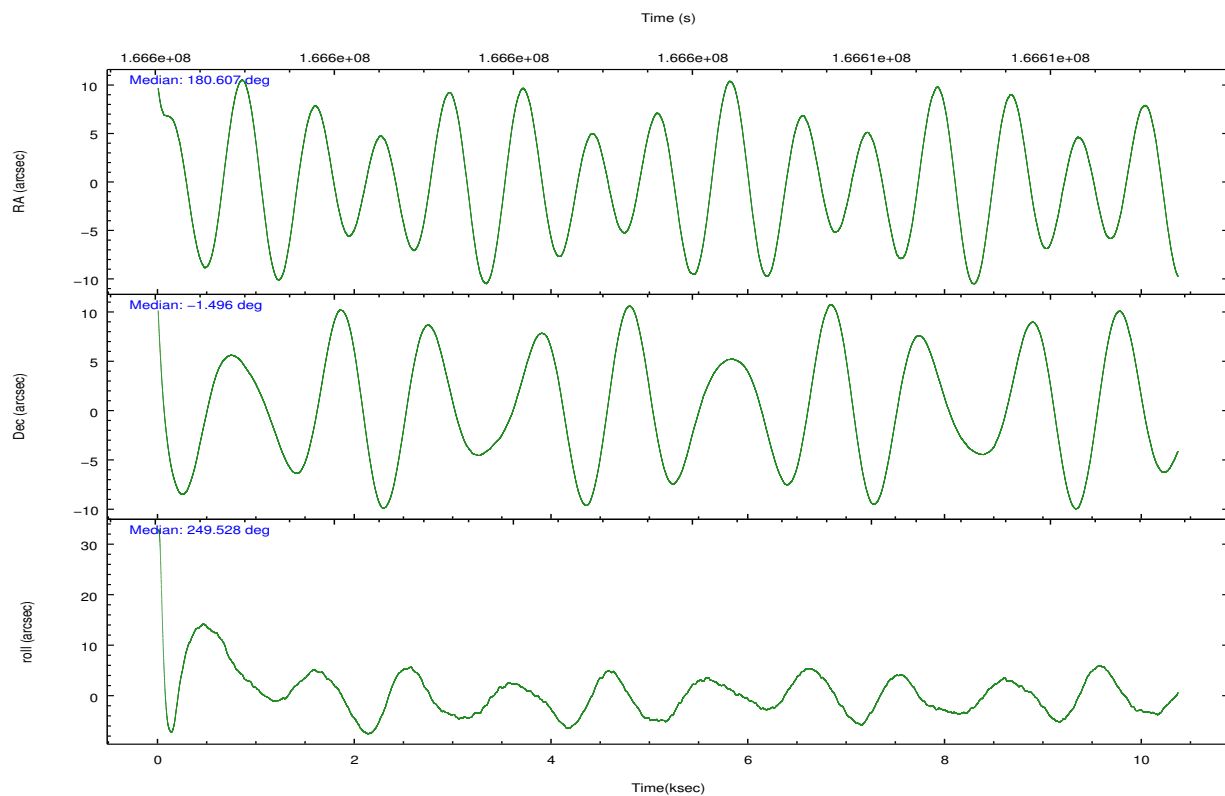
	ccd 7
grade 0 events	1773
	12%
grade 1 events	21
	0%
grade 2 events	1477
	10%
grade 3 events	927
	6%
grade 4 events	923
	6%
grade 5 events	1117
	7%
grade 6 events	2582
	18%
grade 7 events	5184
	37%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	180.601870	180.6067924287723	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-1.469232	-1.496053795833618	Subarray start row	447	447
[deg] Pointing Roll	249.382047	249.538859059649	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)	166598917.184000	166597859.45089			
Observation start date	2003-04-13T05:27:33	2003-04-13T05:10:59			
[s] Observation end time (MET)	166608917.184000	166609515.75139			
Observation end date	2003-04-13T08:14:13	2003-04-13T08:25:15			
Read mode	TIMED	TIMED			

2.3 Aspect



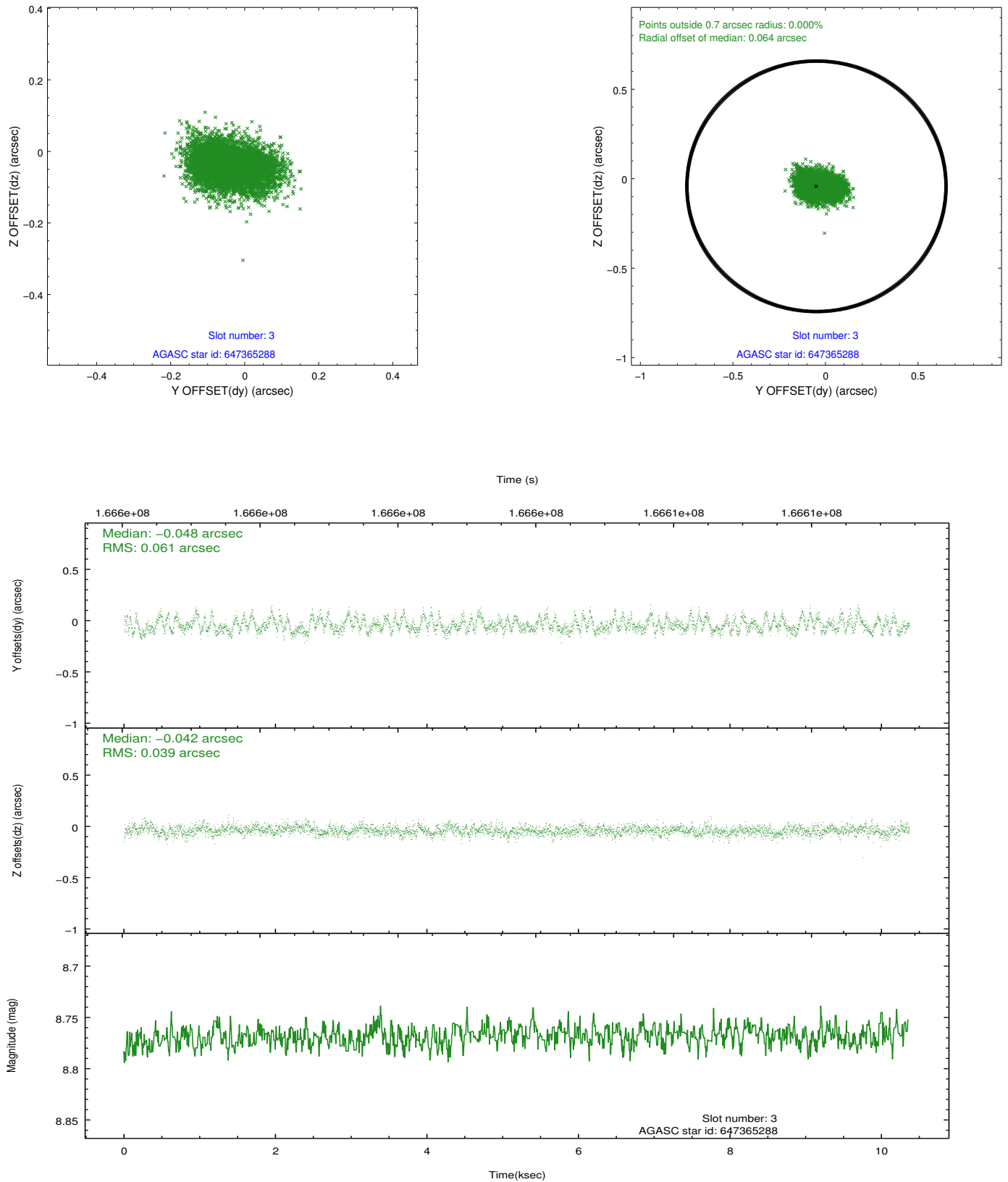


Slot Statistics

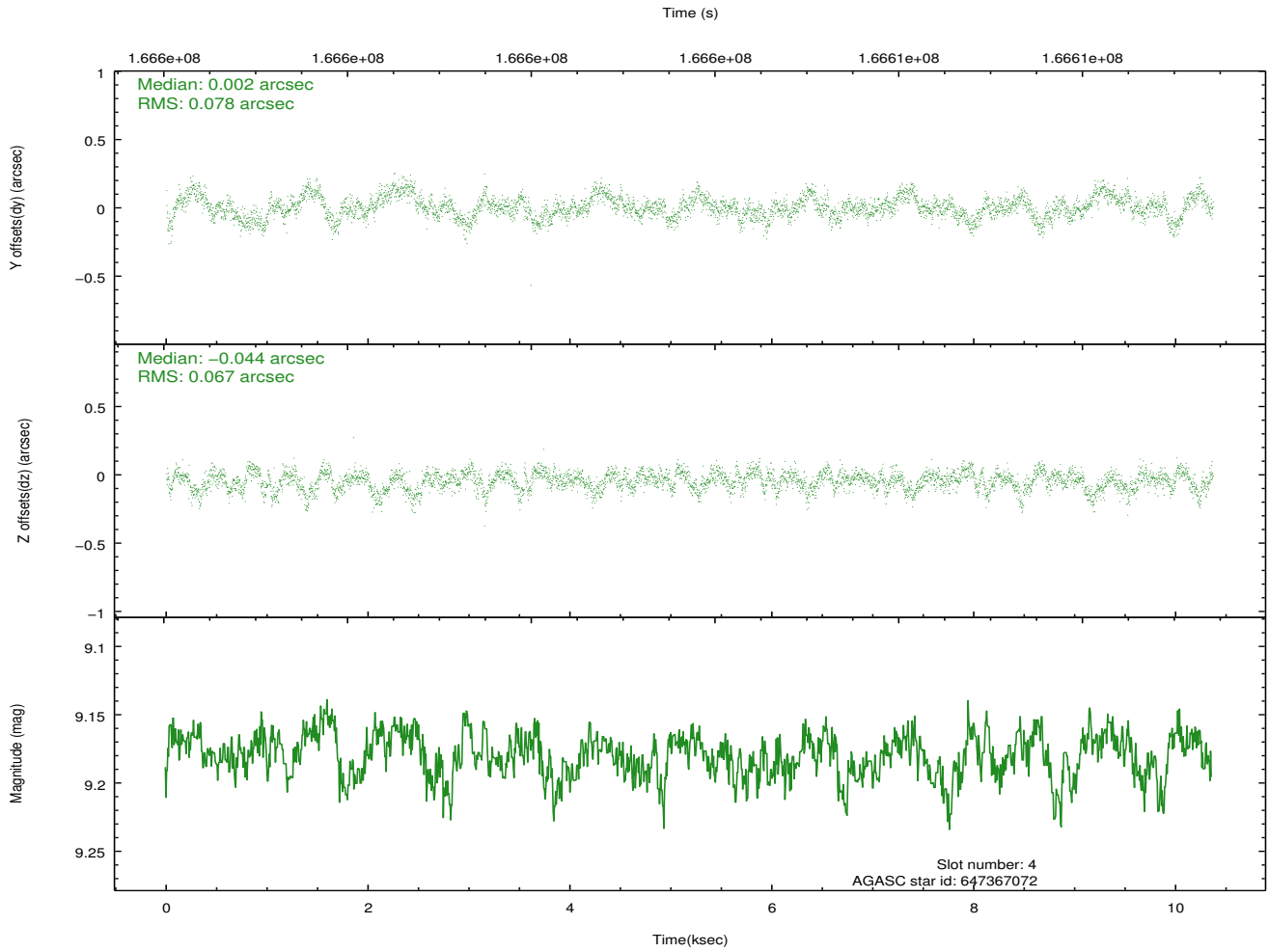
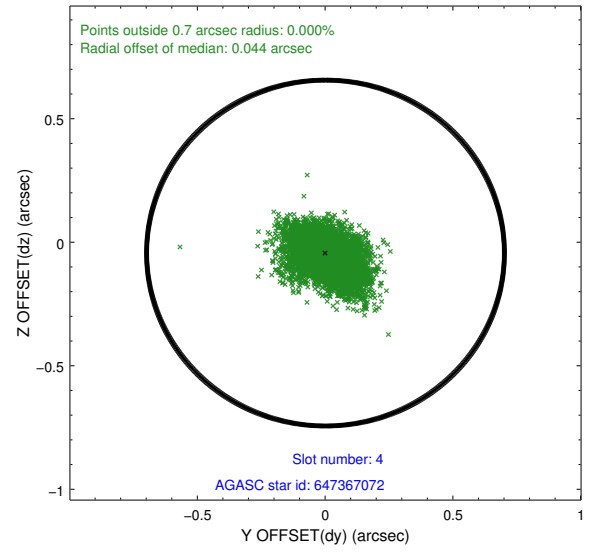
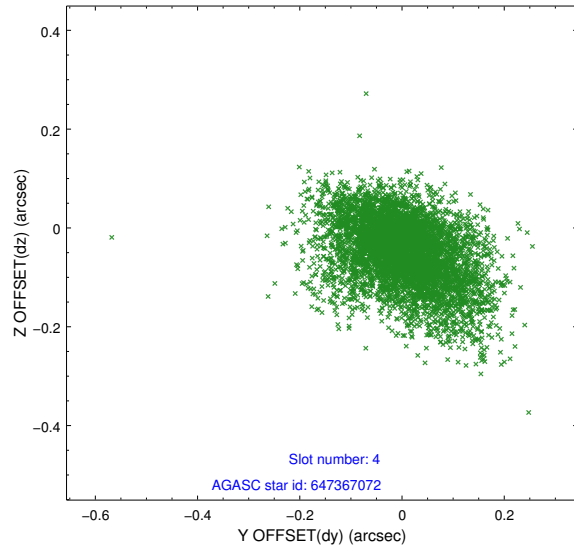
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	2529	-0.029	-0.003	0.007	0.012	0.000000	0.000000	-755.26	-1728.23
1	FID	ACIS-S-4	7.20	2529	-0.004	0.015	0.006	0.011	0.000000	0.000000	2157.80	179.77
2	FID	ACIS-S-5	7.24	2528	0.003	-0.003	0.007	0.011	0.000000	0.000000	-1807.43	173.97
3	GUIDE	647365288	8.77	5058	-0.048	-0.042	0.077	0.127	181.193488	-1.160268	-1790.96	1601.28
4	GUIDE	647367072	9.18	5050	0.002	-0.044	0.106	0.186	180.260700	-1.592431	847.88	-992.69
5	GUIDE	647369448	8.33	5058	-0.011	0.030	0.061	0.096	180.814353	-1.629557	271.02	918.99
6	GUIDE	647369552	9.49	5056	0.030	0.067	0.102	0.160	181.145899	-1.308651	-1230.39	1629.65
7	GUIDE	646449040	7.10	5057	0.026	-0.007	0.067	0.116	179.891527	-1.918613	2414.92	-1821.53

2.4 Star Slots

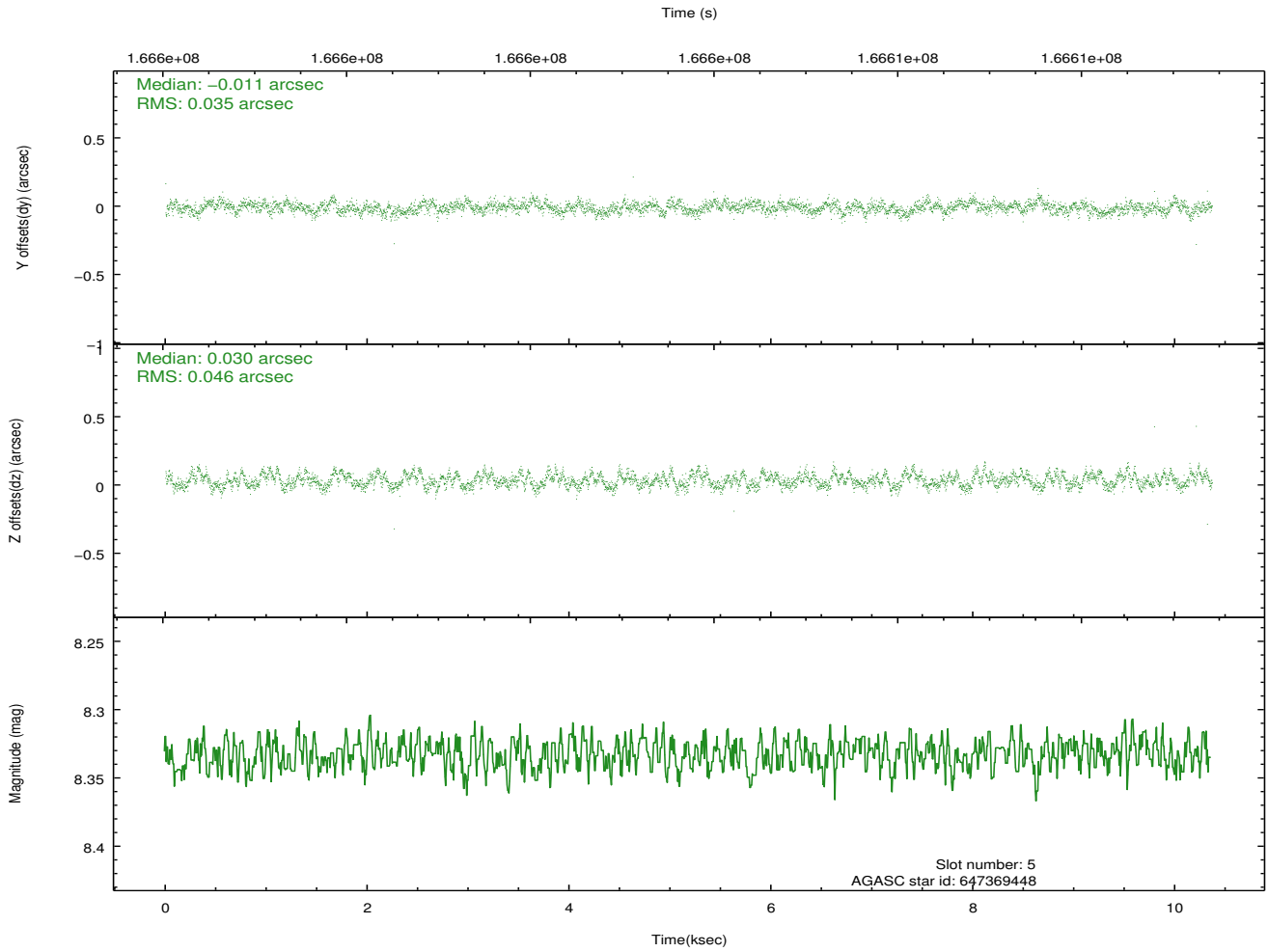
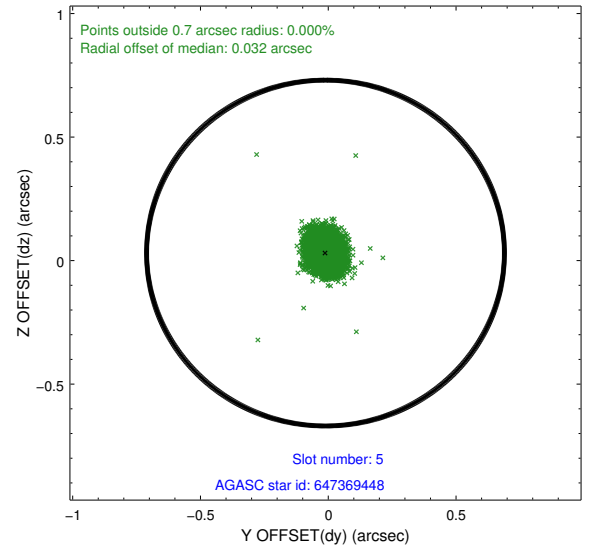
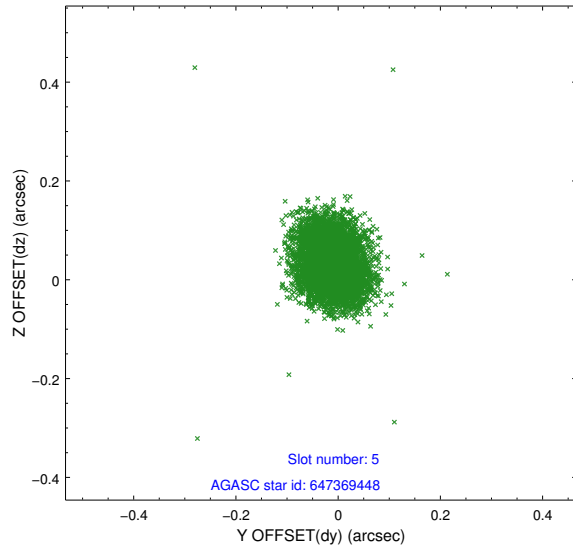
2.4.1 Slot 3



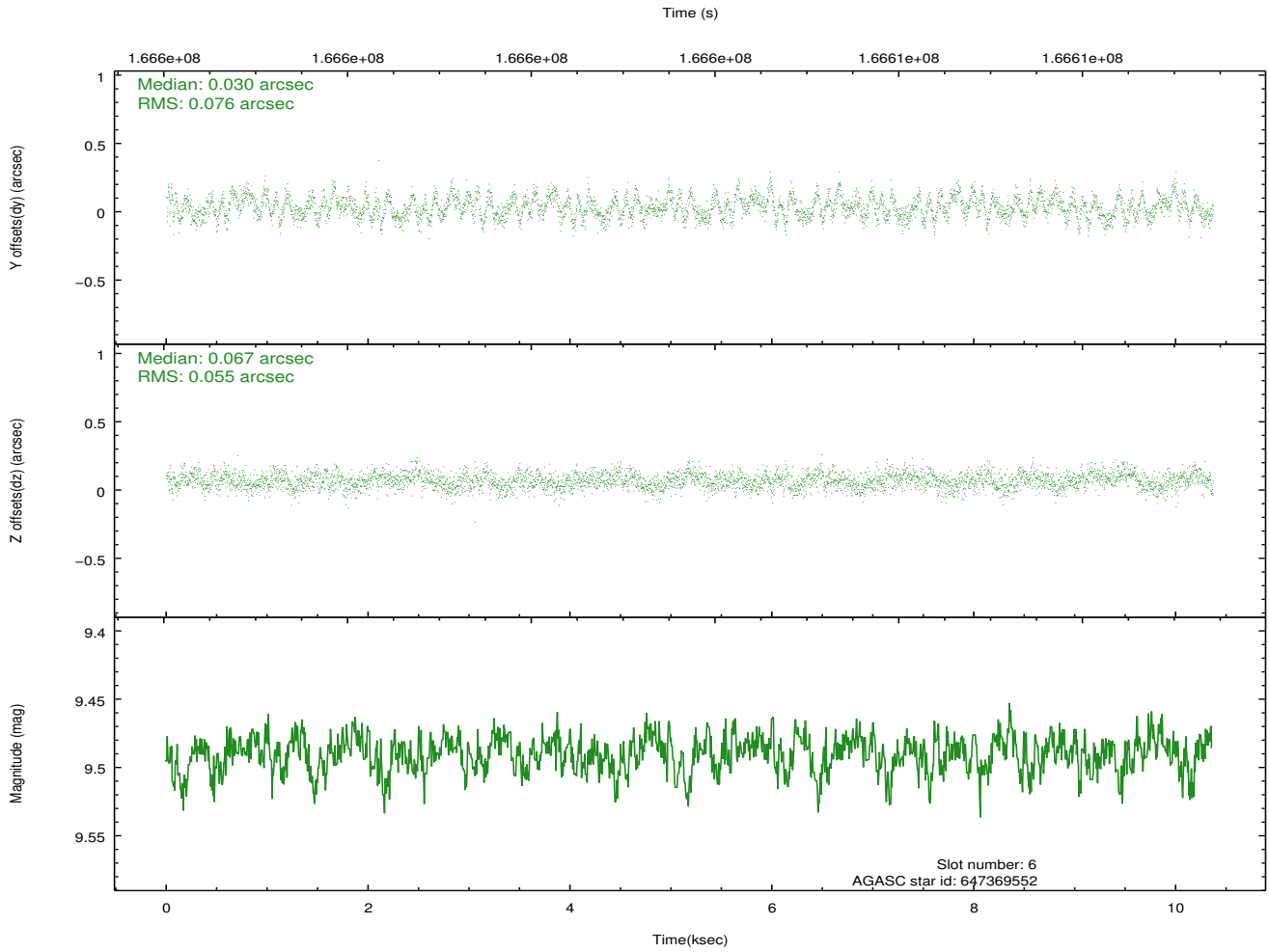
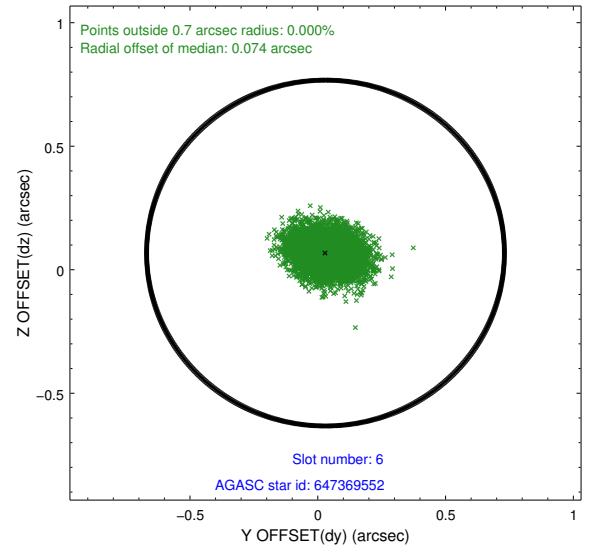
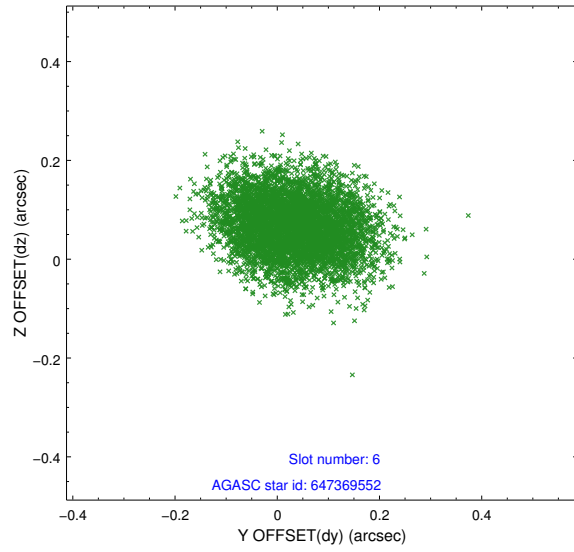
2.4.2 Slot 4



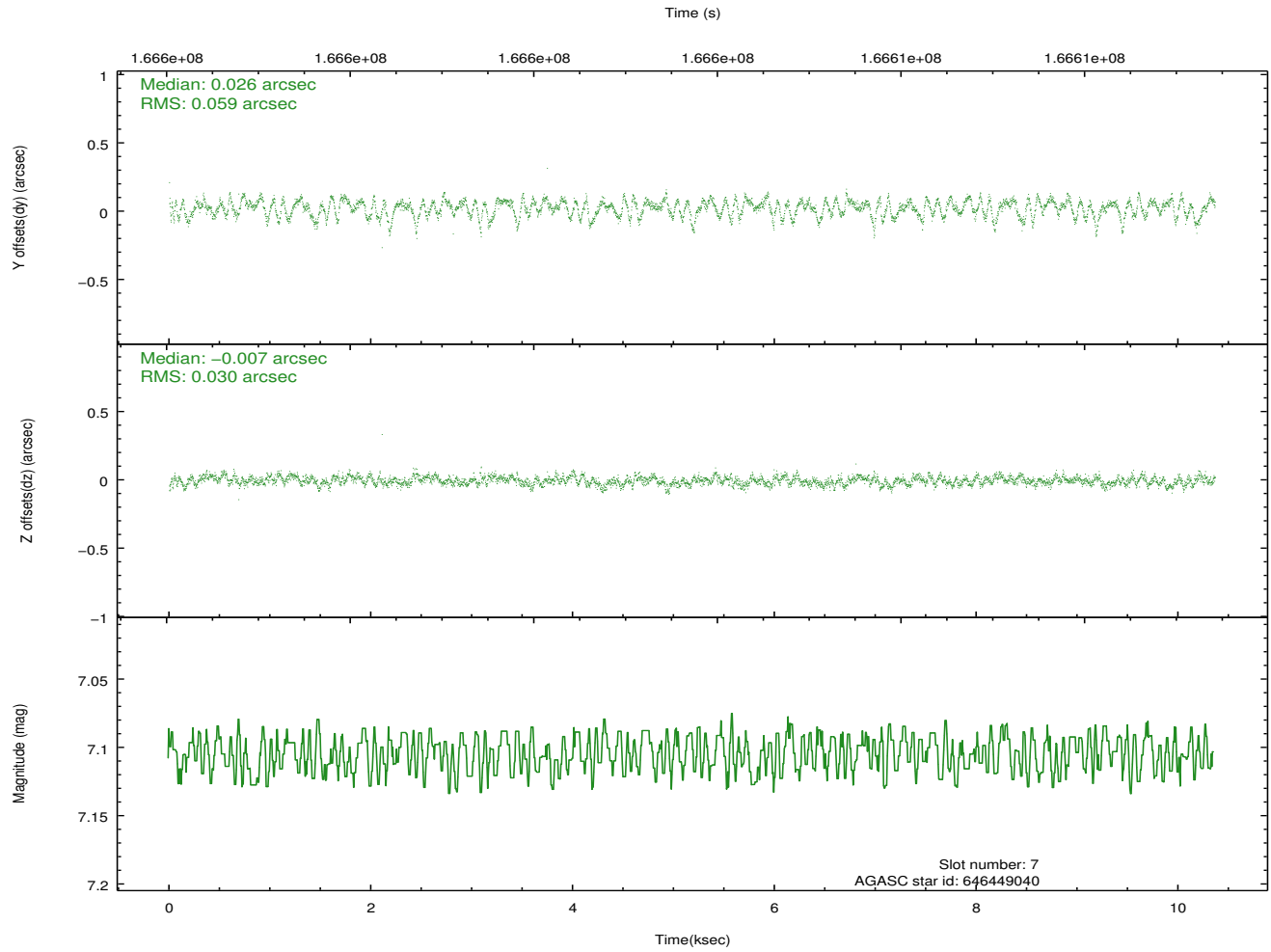
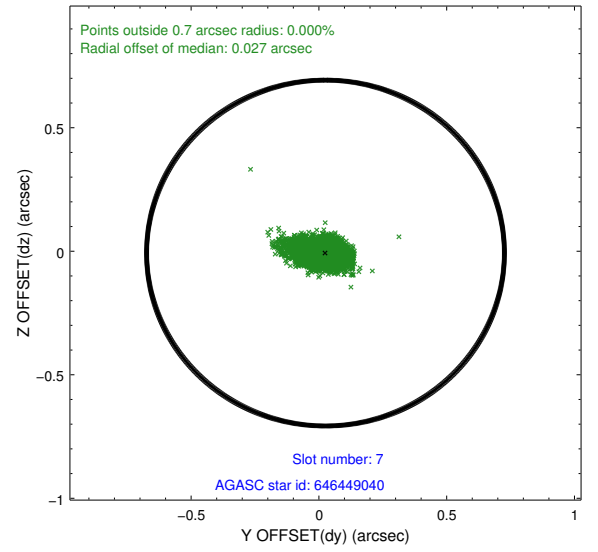
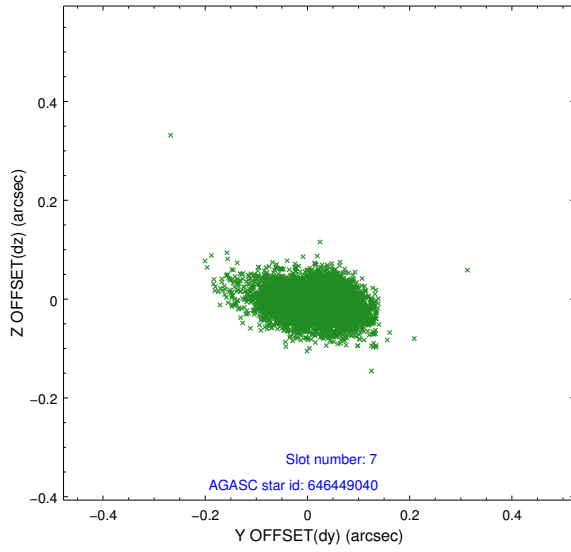
2.4.3 Slot 5



2.4.4 Slot 6

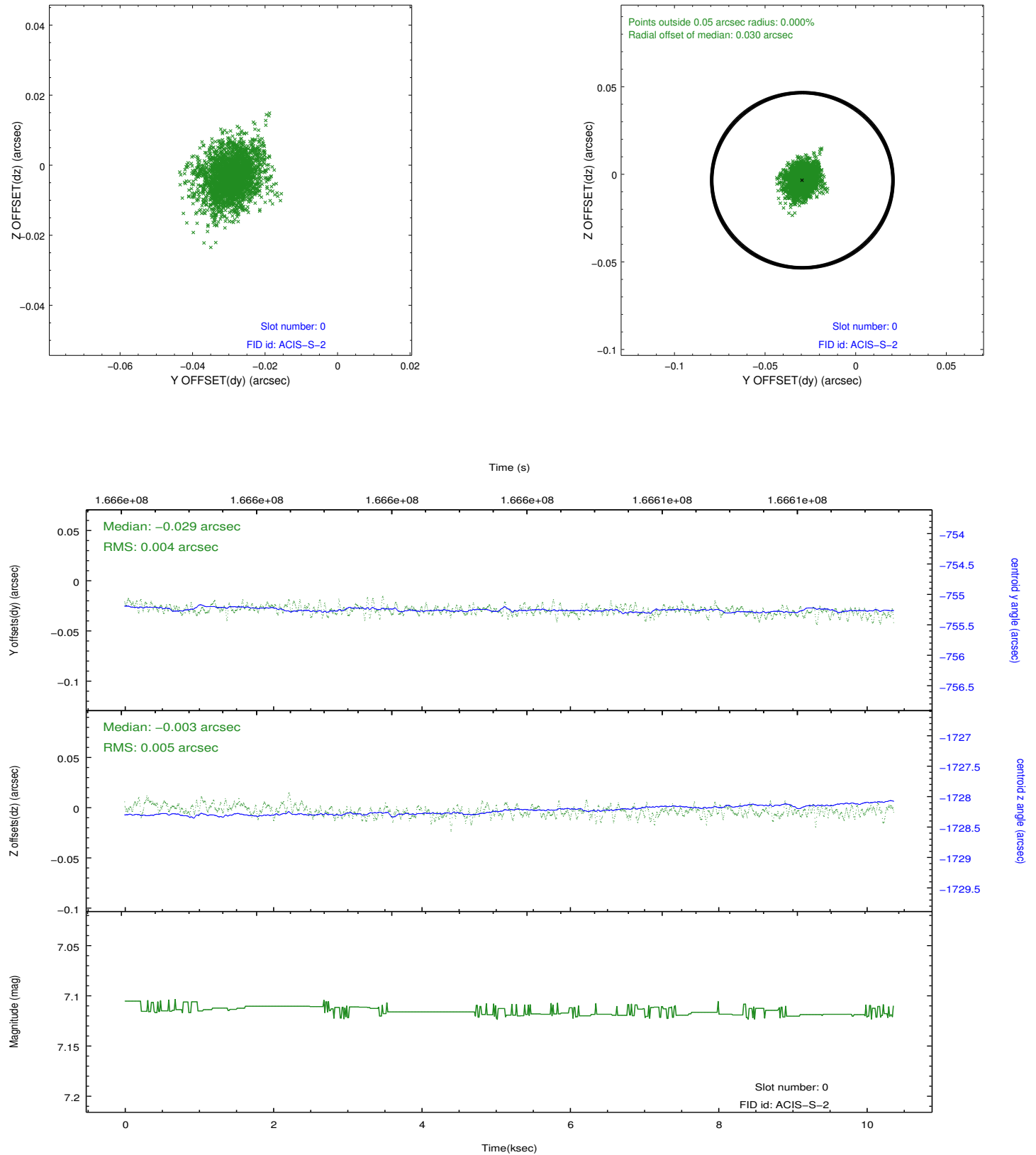


2.4.5 Slot 7

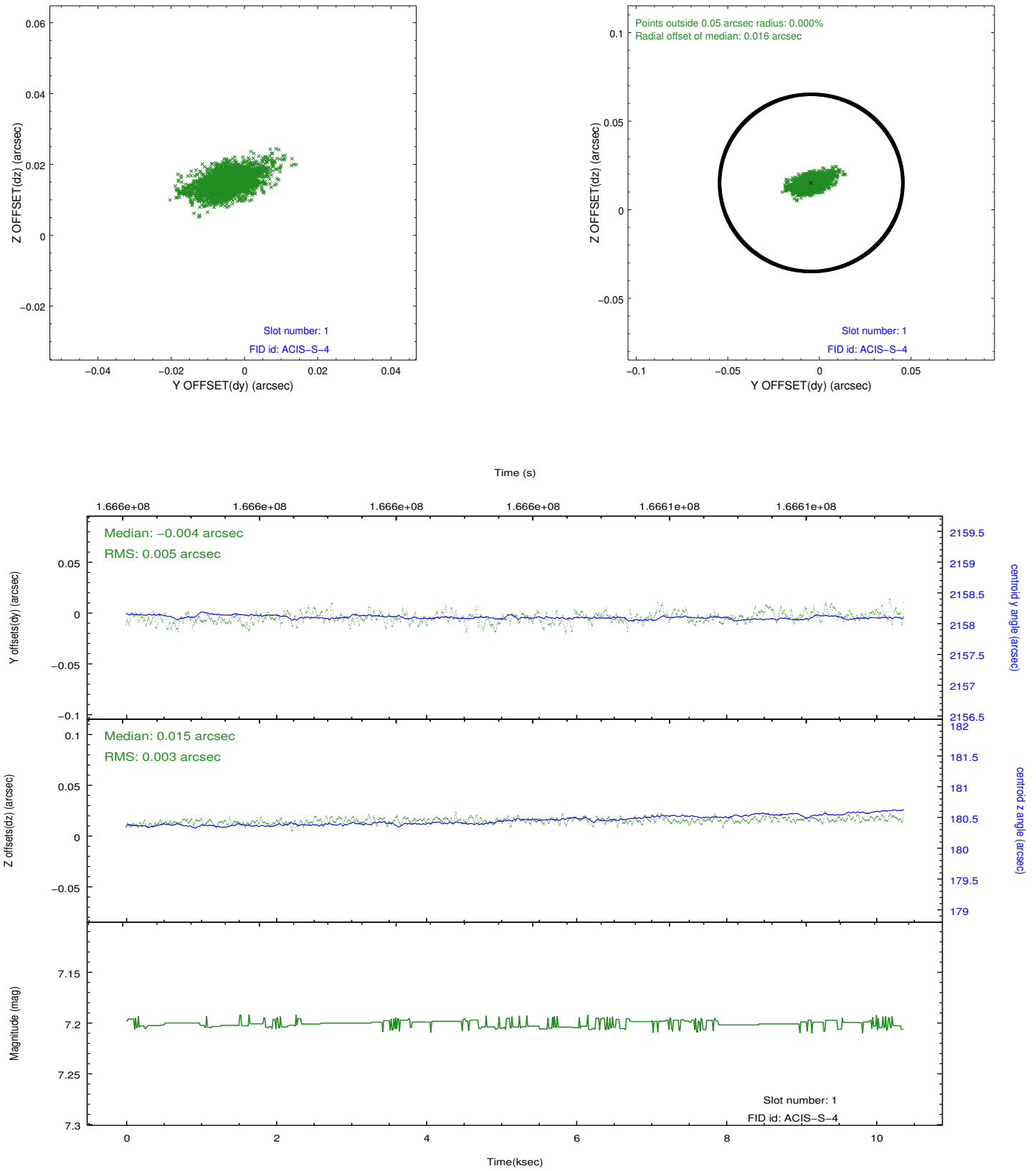


2.5 FID Slots

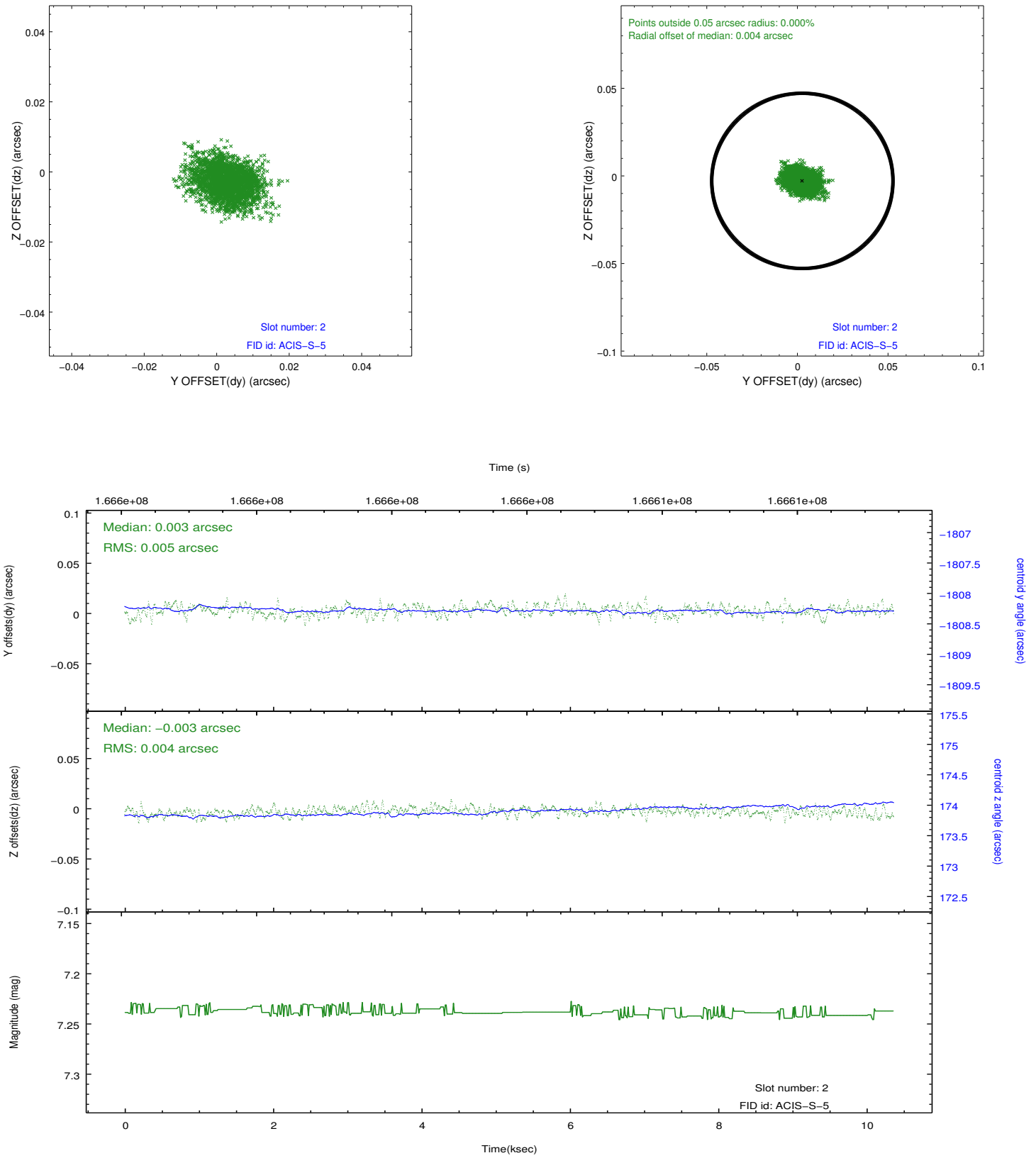
2.5.1 Slot 0



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)	2012.11.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.366

A.2 Comments