

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2317 - L2 Version 3
Chandra X-Ray Center

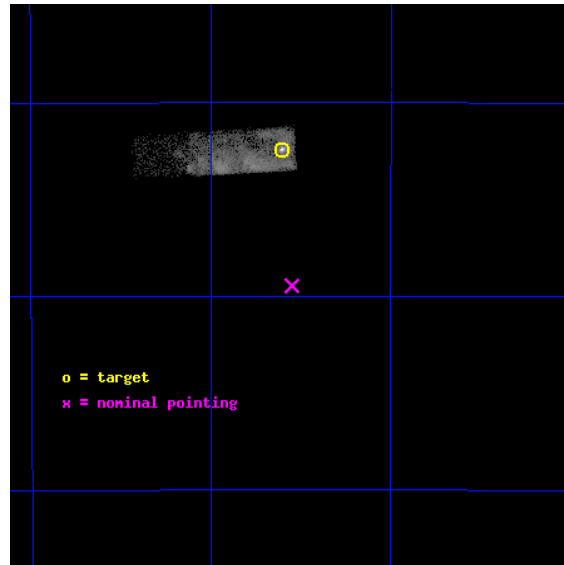
L2 Processing Date : Sep 22 2012

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1 Front

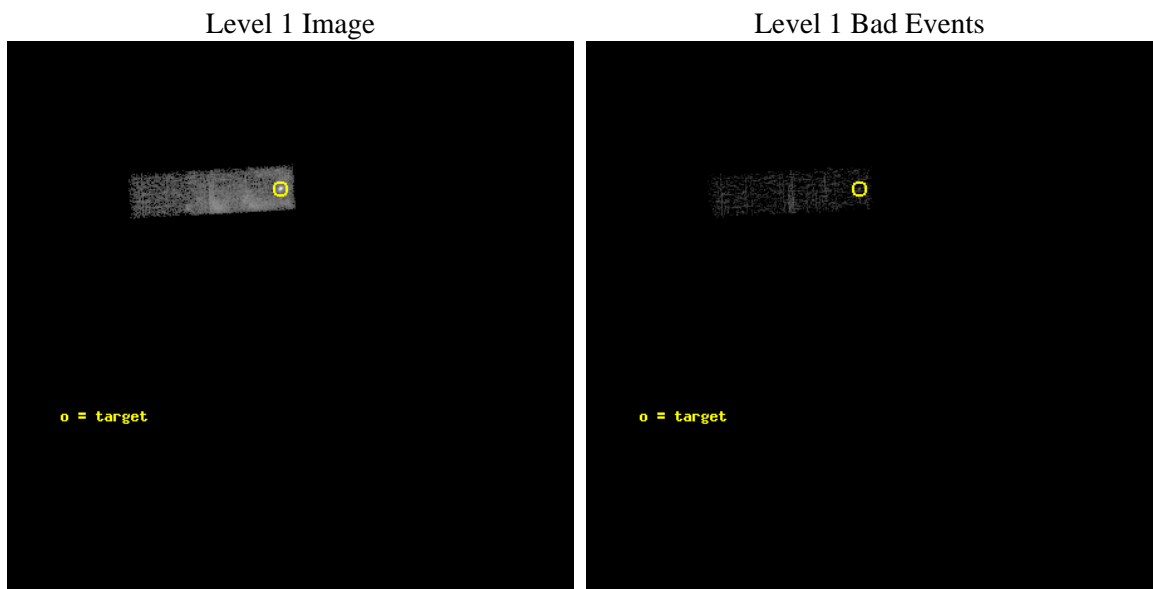
seq_num	500194	Sequence number
obs_id	2317	Observation id
title	OBSERVATION OF SNR RCW103	Proposal title
observer	Professor Gordon Garmire	Principal investigator
object	RCW103	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	244.401292	Observer's specified target RA [deg]
dec_targ	-51.0402	Observer's specified target Dec [deg]
ra_nom	244.38757726905	Nominal RA [deg]
dec_nom	-51.157614429239	Nominal Dec [deg]
roll_nom	266.83131209775	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3940.7999853343	Sum of GTIs [s]
livetime	3748.5018408963	Livetime [s]
ontime3	3940.7999853343	Sum of GTIs [s]
l2events	17391	Number of level 2 events



2 OBI

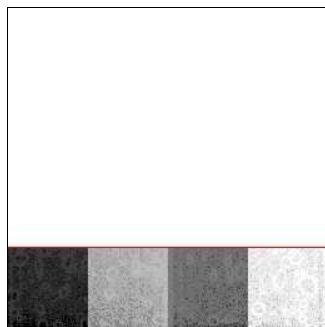
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 3



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	3500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	3940.7999853343	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime3	3940.7999853343	Sum of GTIs [s]
date	2012-09-22T07:25:13	Date and time of file creation	l1events	27808	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

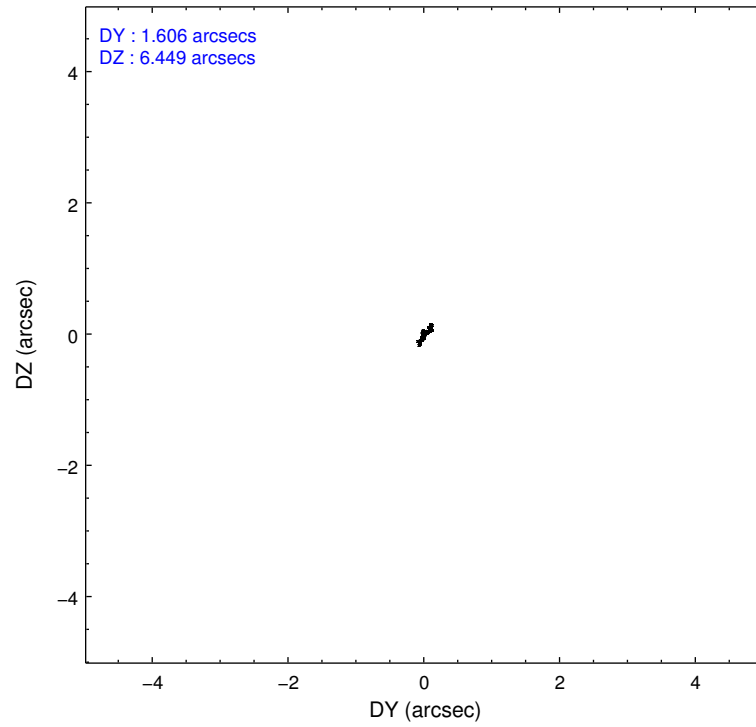
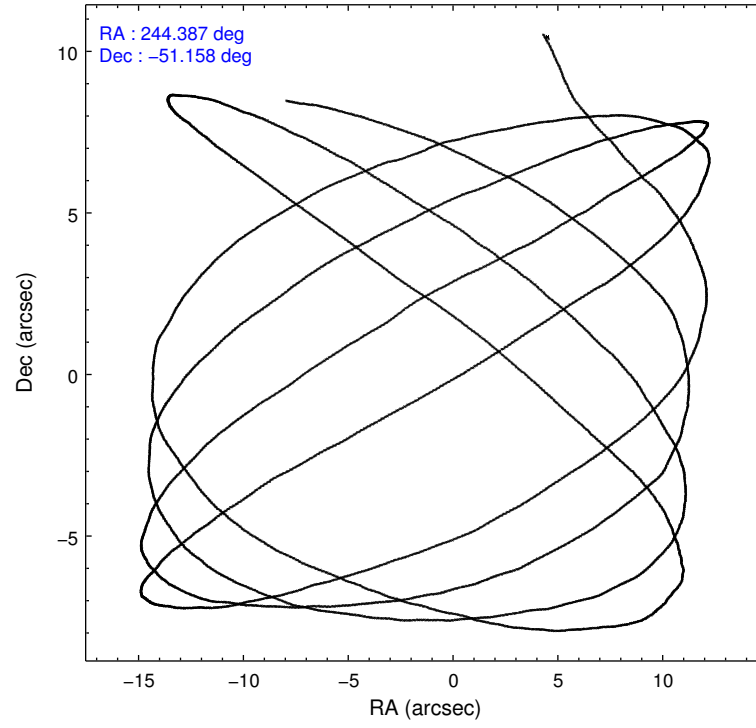
	ccd 3
level 1 events	27808
rejected events	9978
rejected %	35%

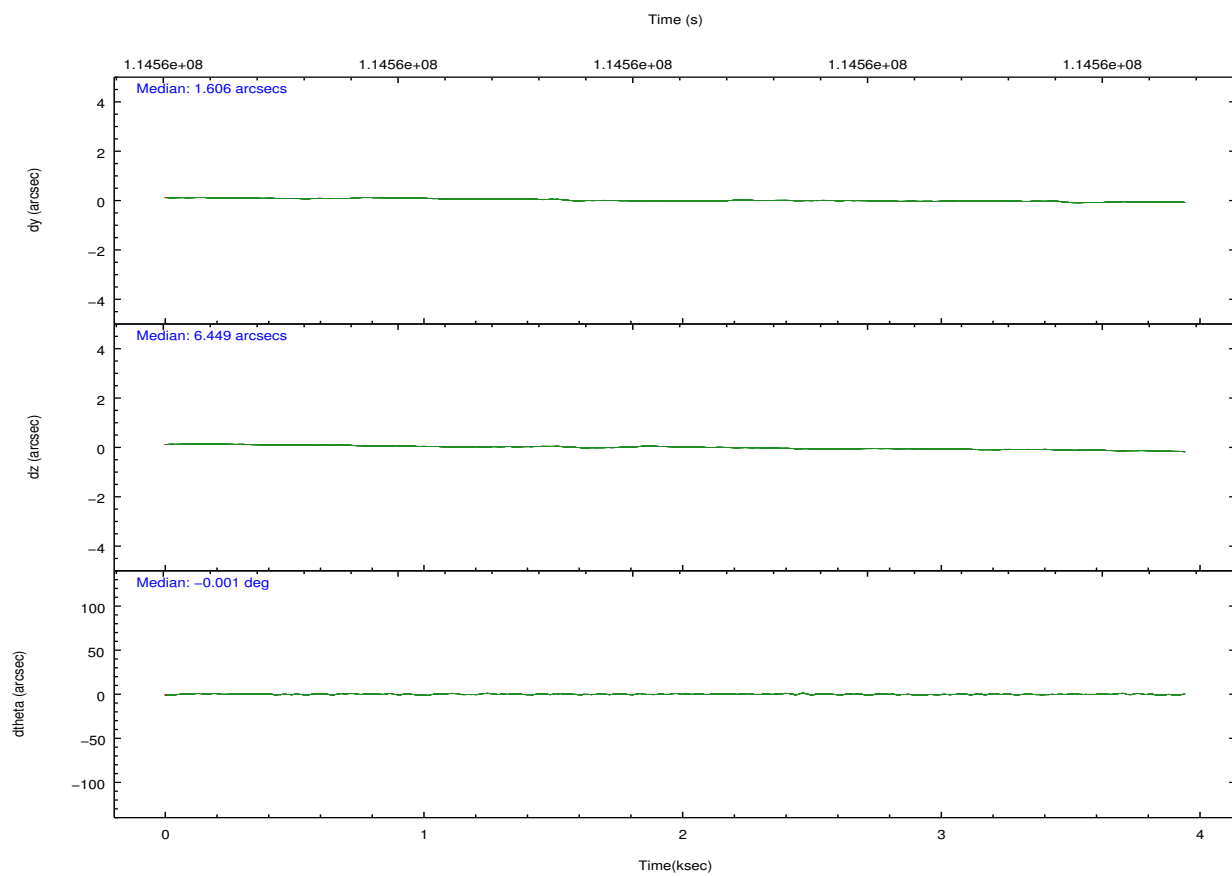
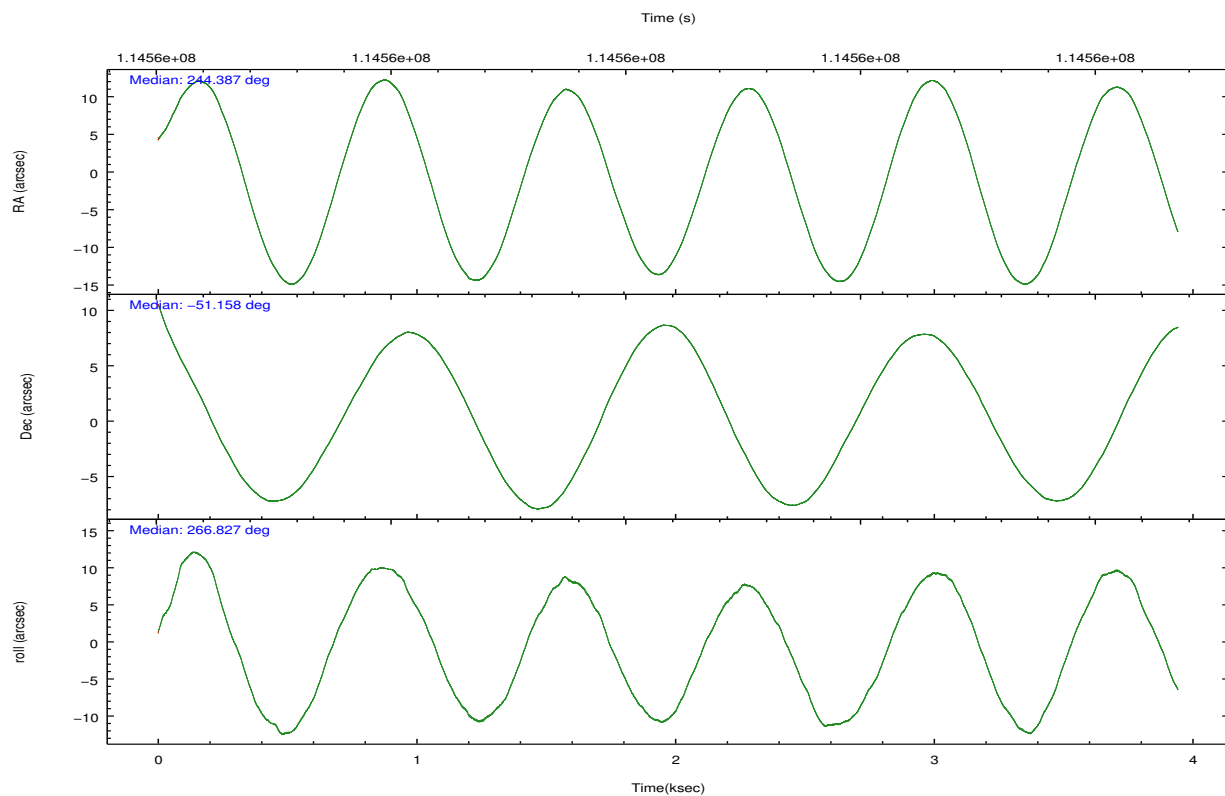
	ccd 3
grade 0 events	14991
	53%
grade 1 events	38
	0%
grade 2 events	1719
	6%
grade 3 events	597
	2%
grade 4 events	573
	2%
grade 5 events	283
	1%
grade 6 events	449
	1%
grade 7 events	9158
	32%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-3	ACIS-3	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	244.367578	244.3875772690535	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	-51.133109	-51.15761442923851	Subarray start row	1	1
[deg] Pointing Roll	266.607049	266.8313120977455	Subarray row count	256	256
[s] Window start time (MET)	113616064.184000	113616064.184000	Alternating exposures requested	N	N
[s] Window stop time (MET)	115344064.184000	115344064.184000	[s] Primary exposure time	0.000000	0.8
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.001439871863259334			
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	114557650.184000	114556566.54742			
Observation start date	2001-08-18T21:33:06	2001-08-18T21:16:06			
[s] Observation end time (MET)	114561150.184000	114561466.56011			
Observation end date	2001-08-18T22:31:26	2001-08-18T22:37:46			
Read mode	TIMED	TIMED			

2.3 Aspect



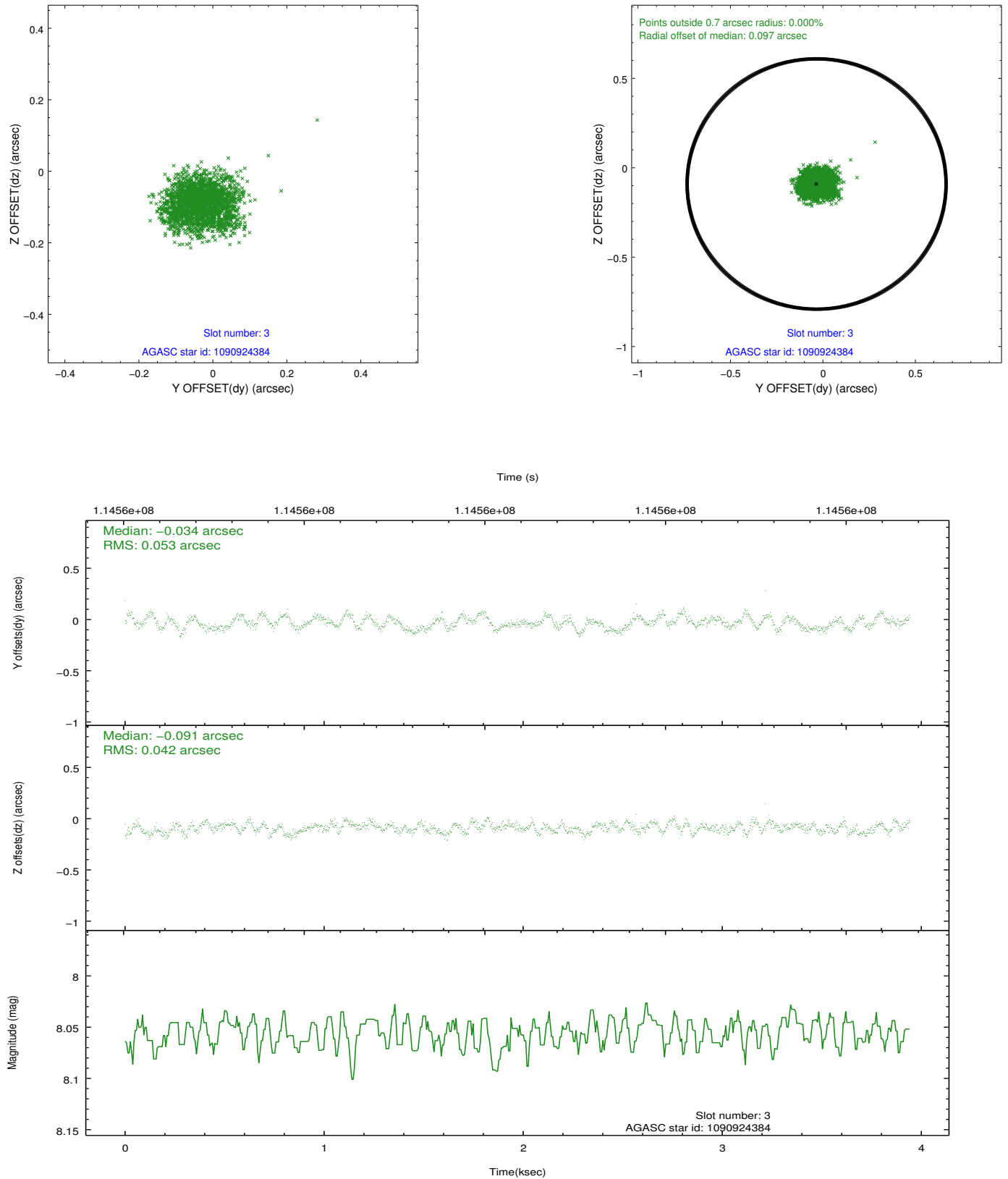


Slot Statistics

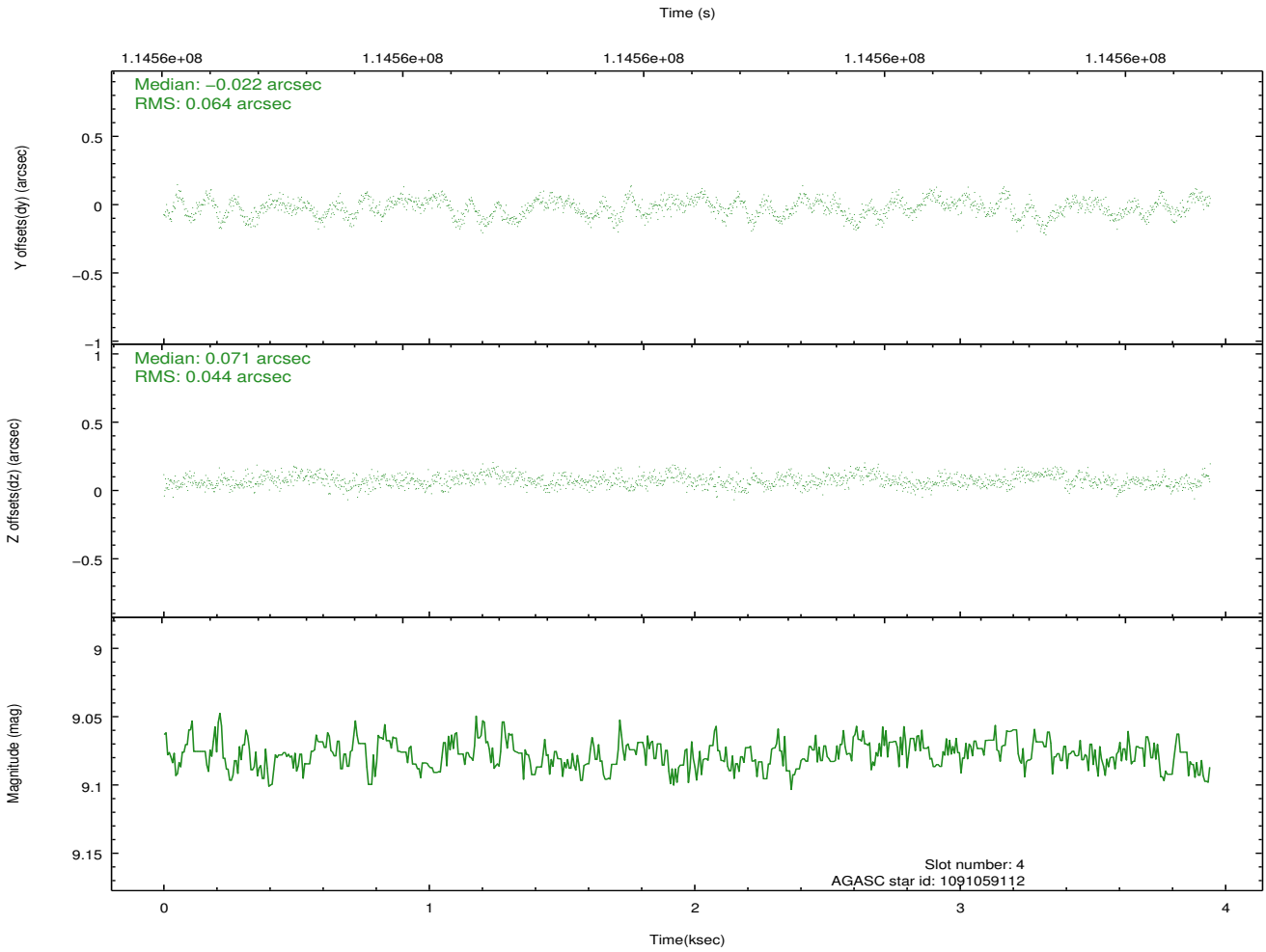
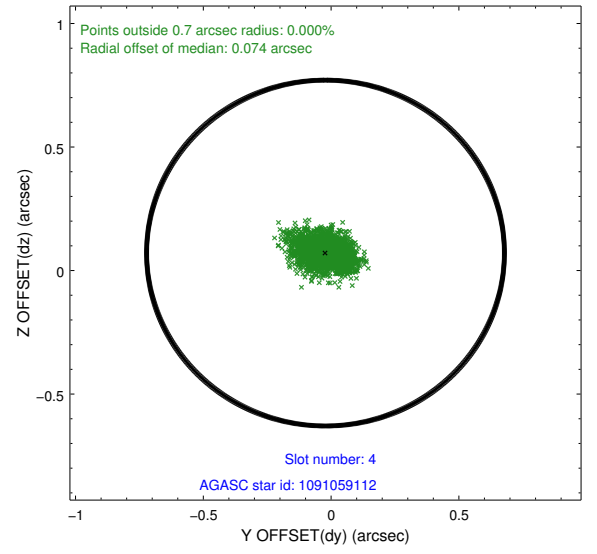
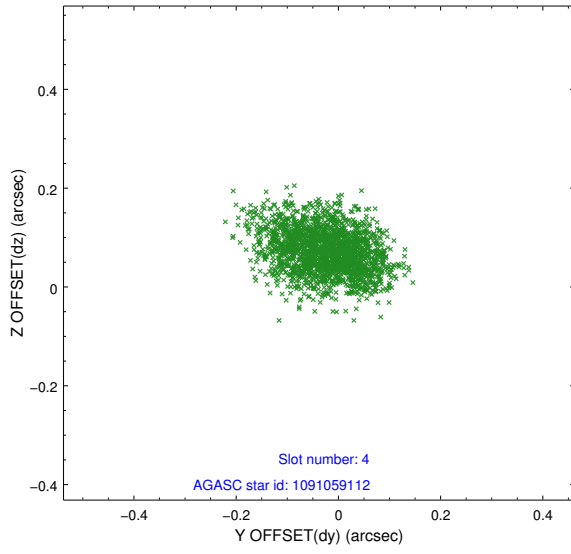
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	962	-0.011	0.022	0.007	0.013	0.000000	0.000000	938.18	-829.82
1	FID	ACIS-I-5	7.23	961	-0.041	0.043	0.006	0.010	0.000000	0.000000	-1809.04	1066.96
2	FID	ACIS-I-6	7.27	962	-0.039	0.005	0.008	0.012	0.000000	0.000000	402.03	1713.18
3	GUIDE	1090924384	8.06	1923	-0.034	-0.091	0.073	0.110	243.330505	-50.934017	-559.95	-2389.95
4	GUIDE	1091059112	9.08	1923	-0.022	0.071	0.082	0.134	245.180420	-50.736664	-1524.96	1763.95
5	GUIDE	1090922592	8.67	1922	0.015	-0.153	0.109	0.158	243.541382	-50.784876	-1129.98	-1949.58
6	GUIDE	1091052648	9.17	1924	0.000	0.060	0.075	0.119	245.027635	-50.830698	-1169.98	1433.53
7	GUIDE	1091061384	9.34	1921	0.043	0.117	0.095	0.150	245.043918	-51.237076	289.35	1545.58

2.4 Star Slots

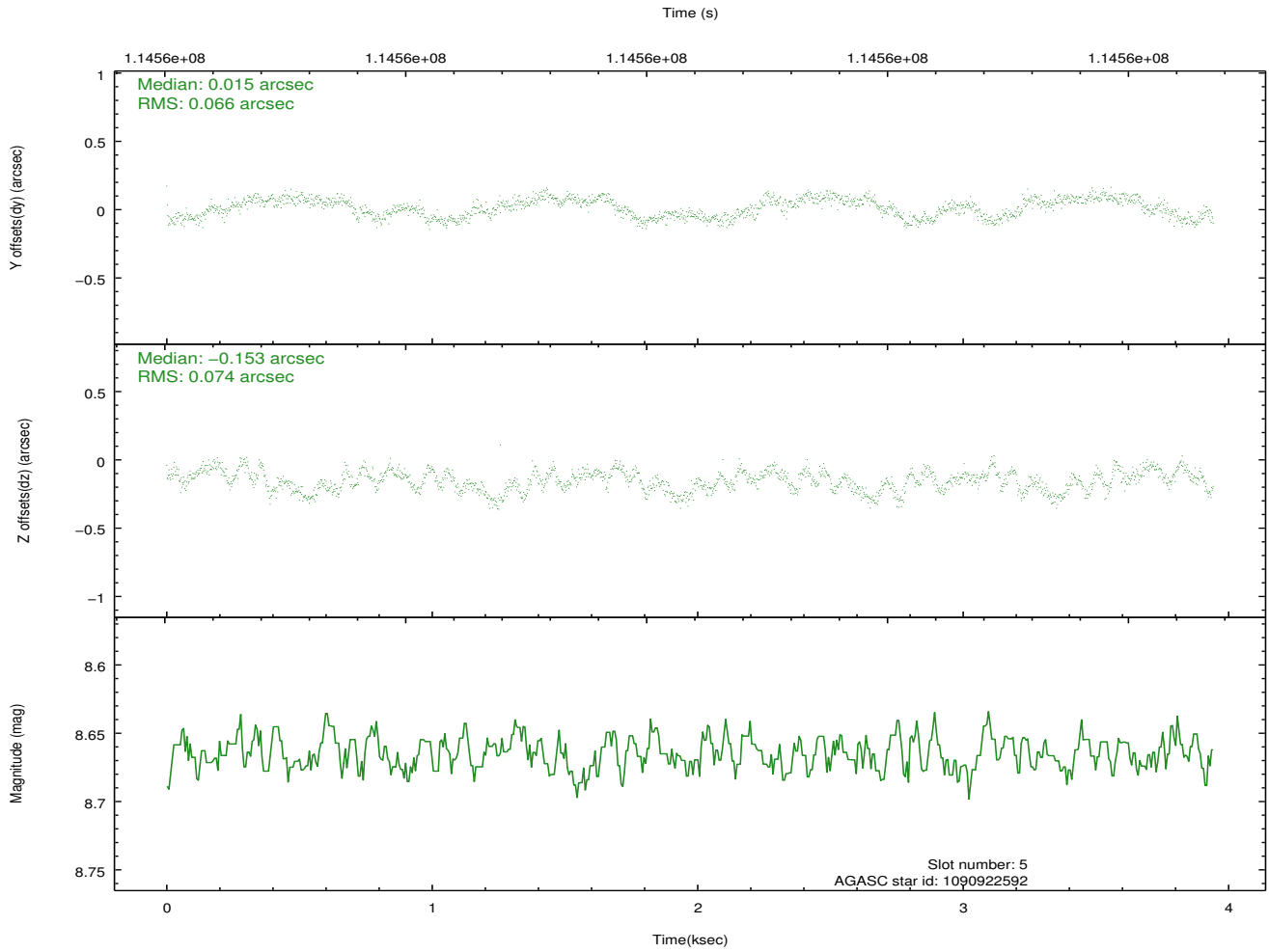
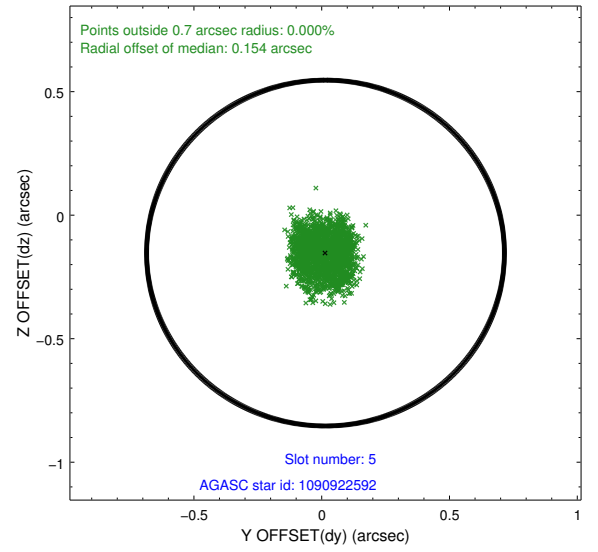
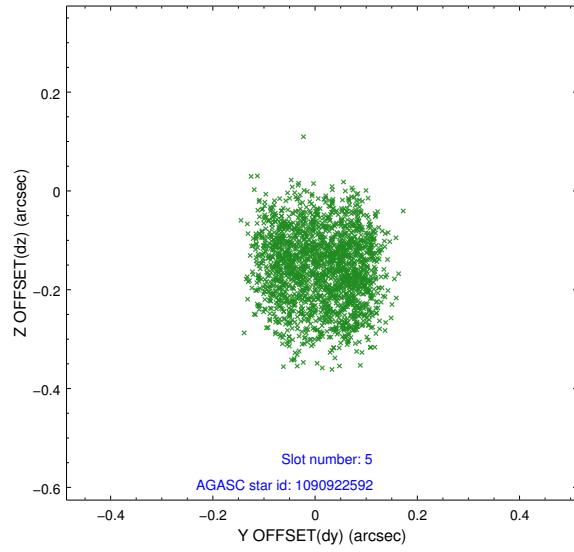
2.4.1 Slot 3



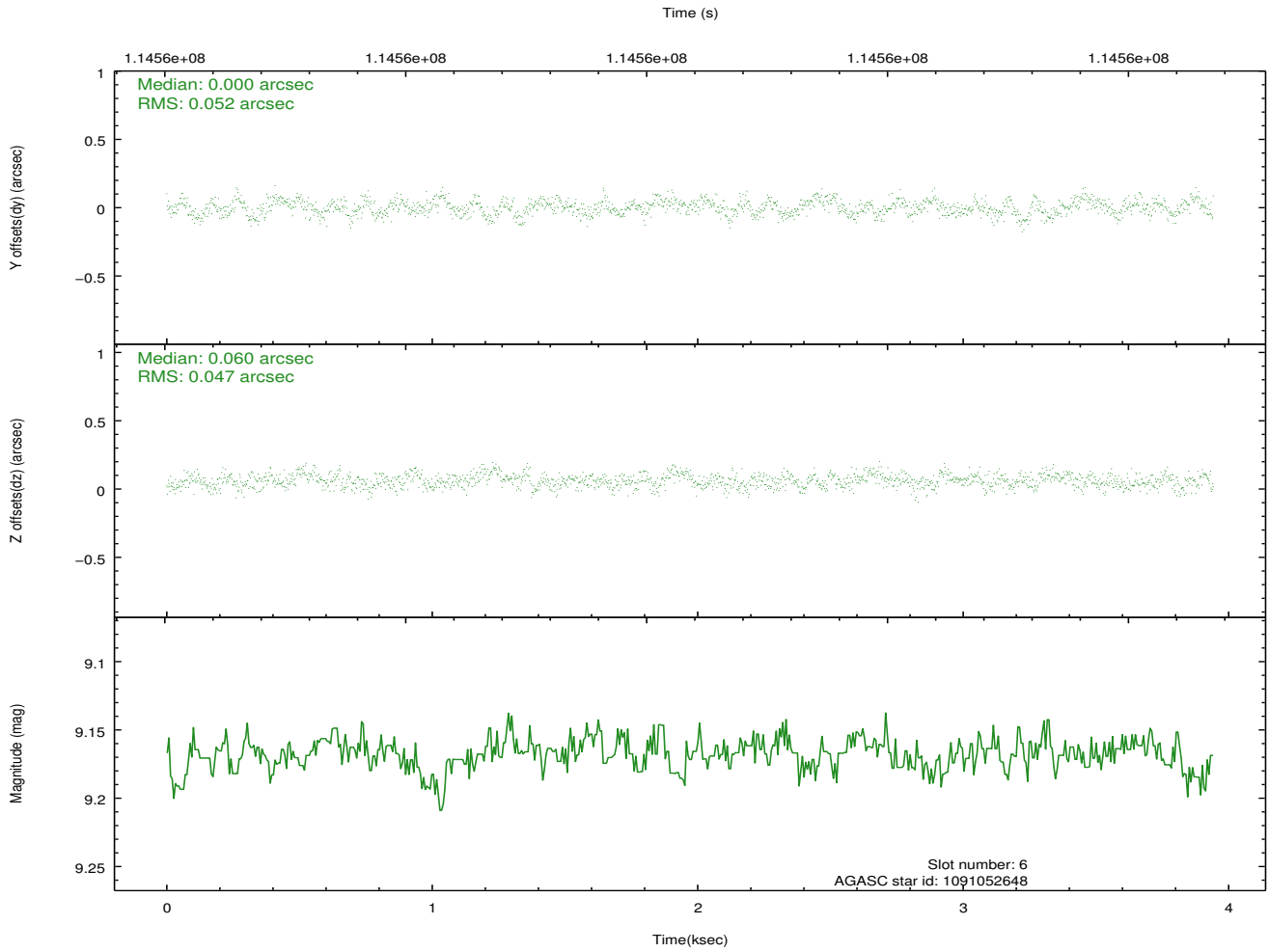
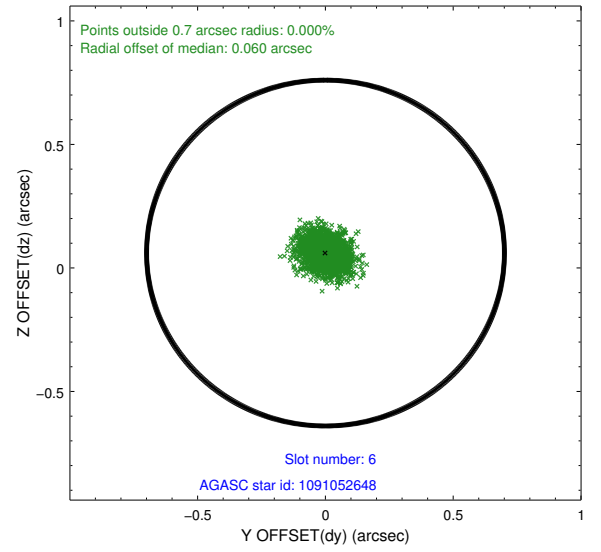
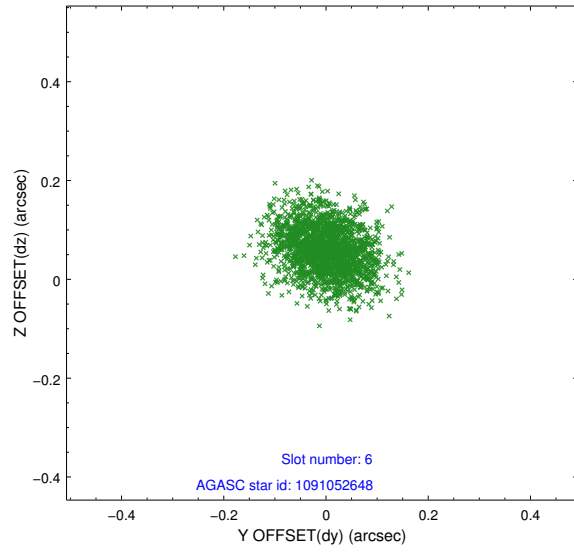
2.4.2 Slot 4



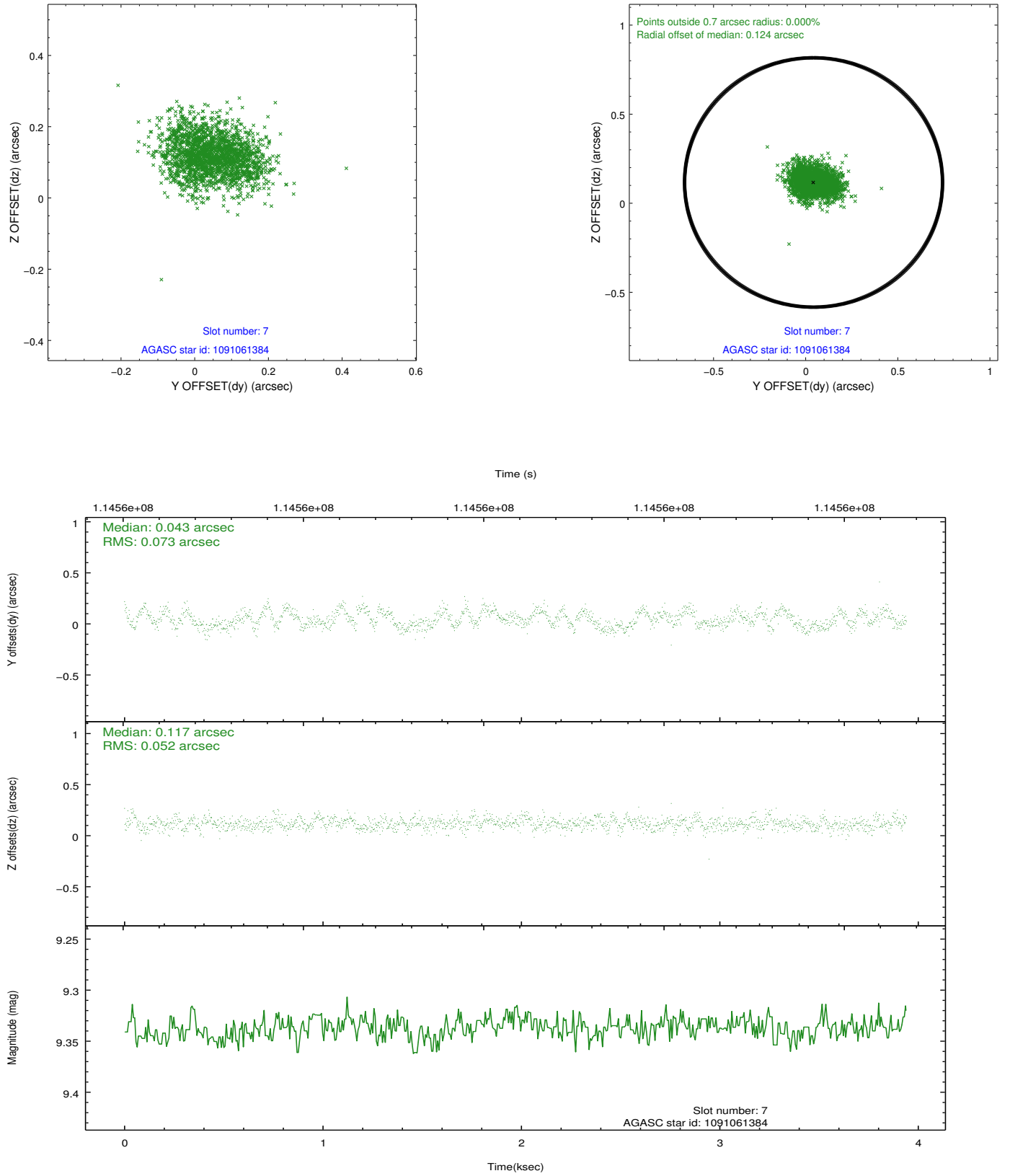
2.4.3 Slot 5



2.4.4 Slot 6

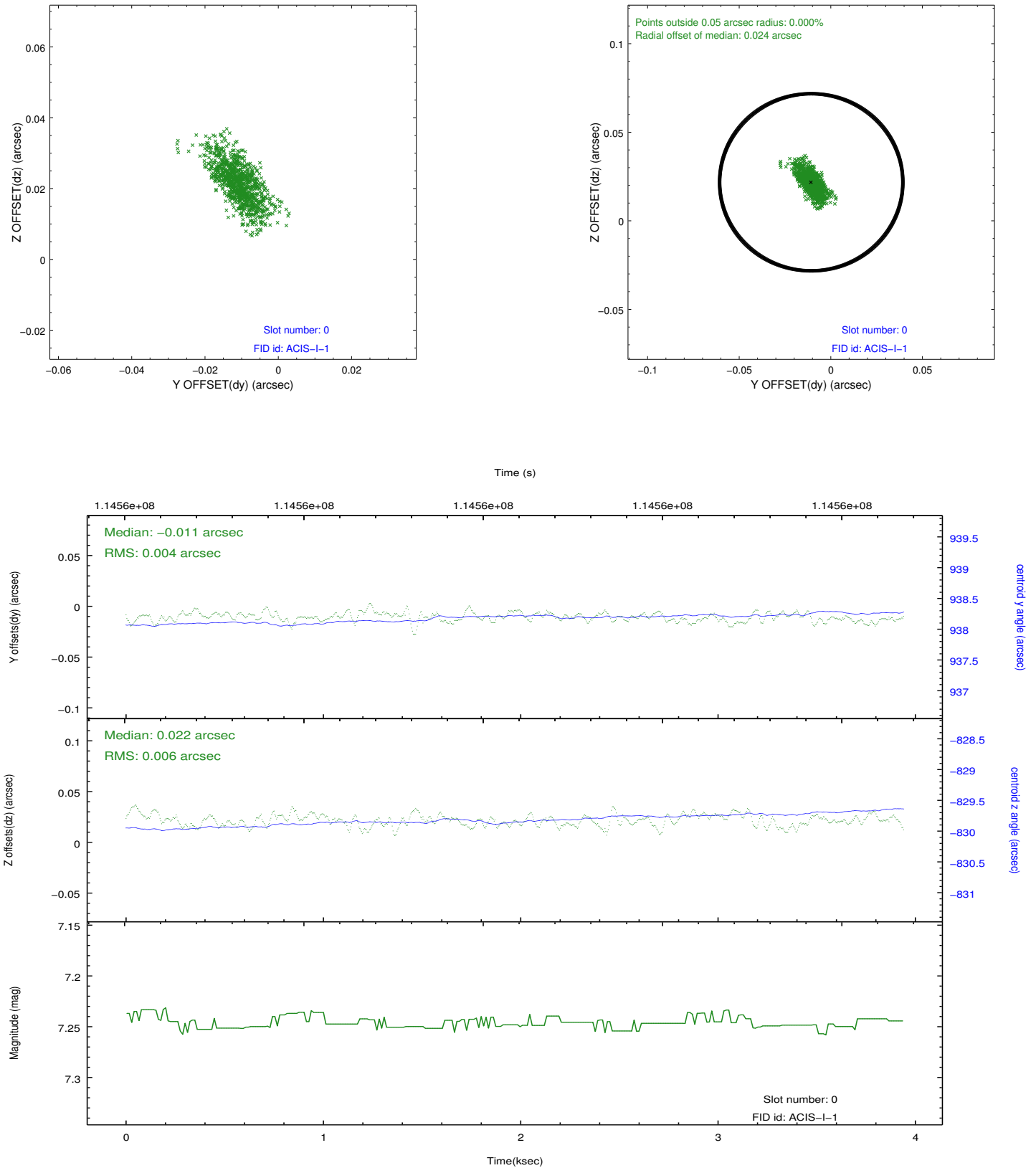


2.4.5 Slot 7

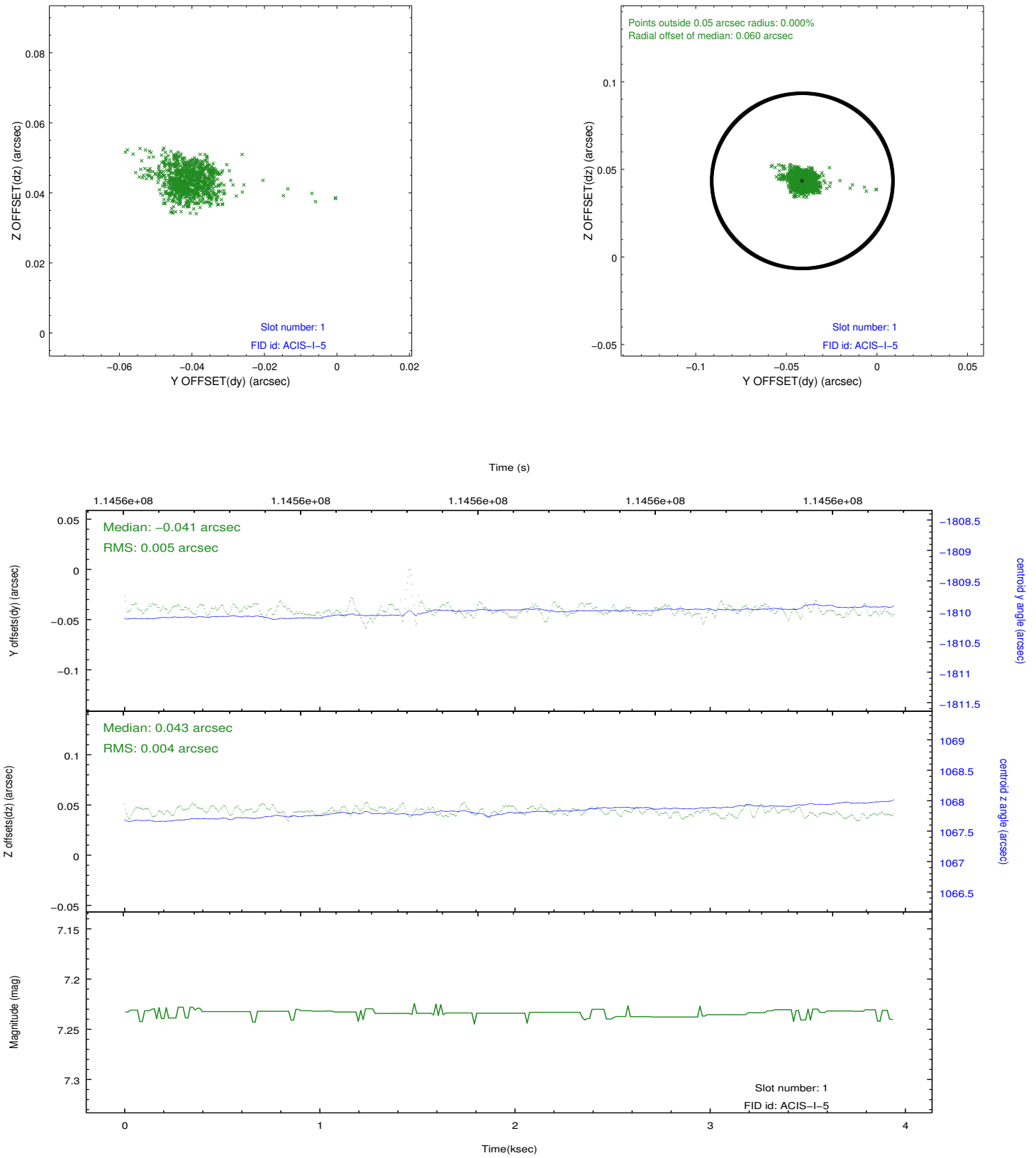


2.5 FID Slots

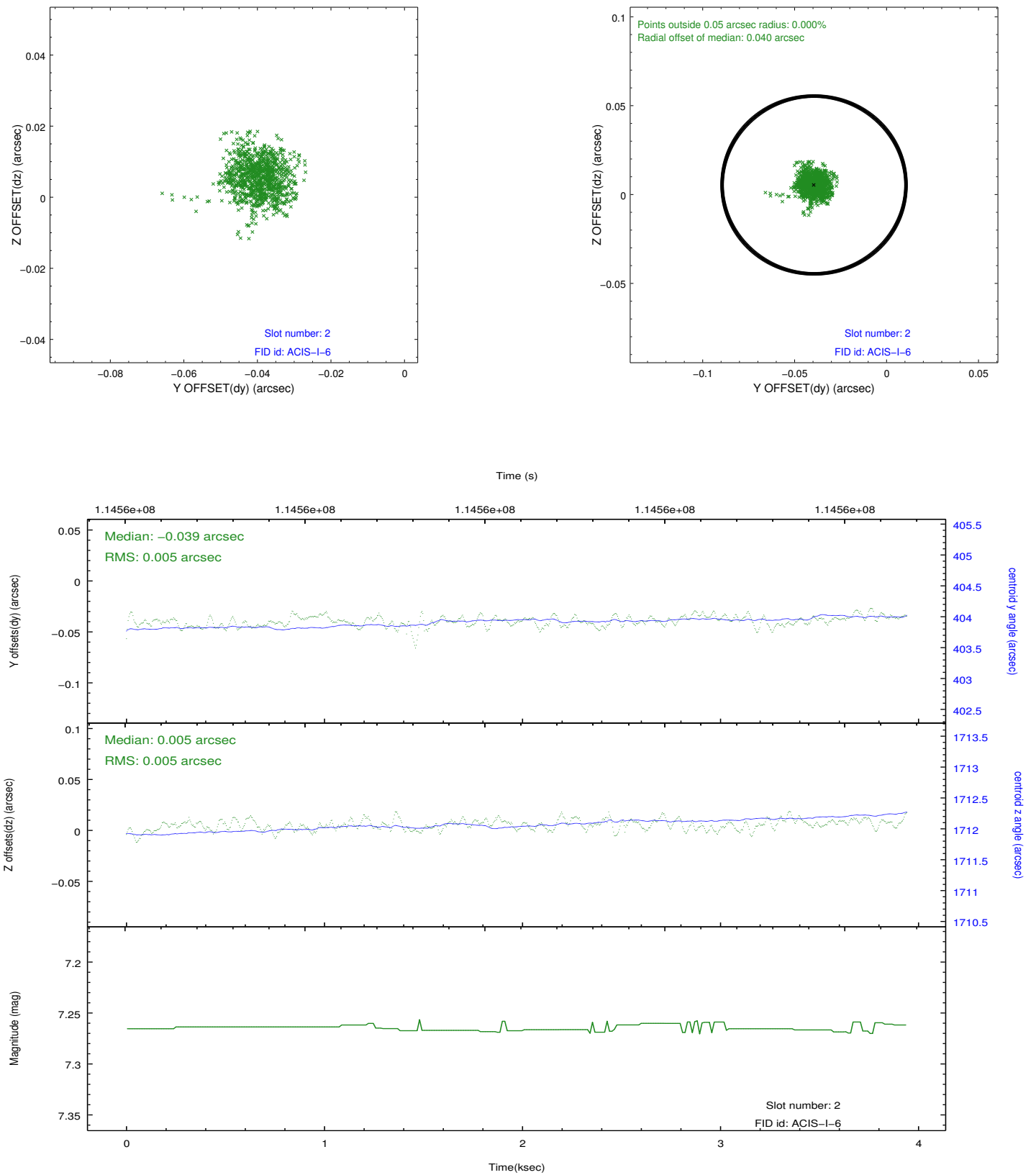
2.5.1 Slot 0



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)	2012.09.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.941

A.2 Comments

Window constraint met.