

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3515 - L2 Version 3
Chandra X-Ray Center

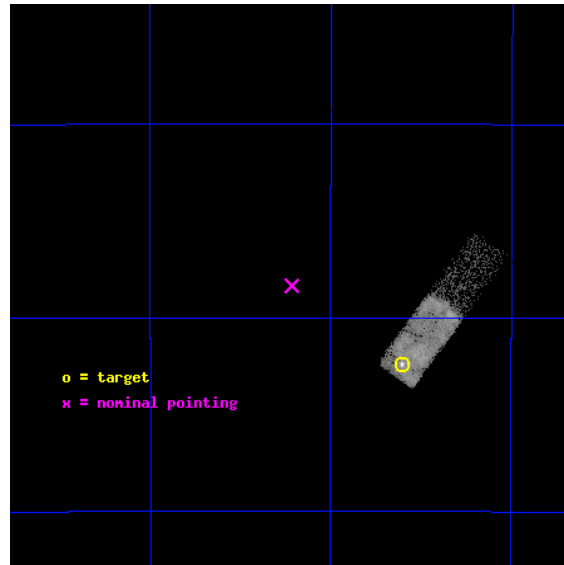
L2 Processing Date : Oct 27 2012

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1 Front

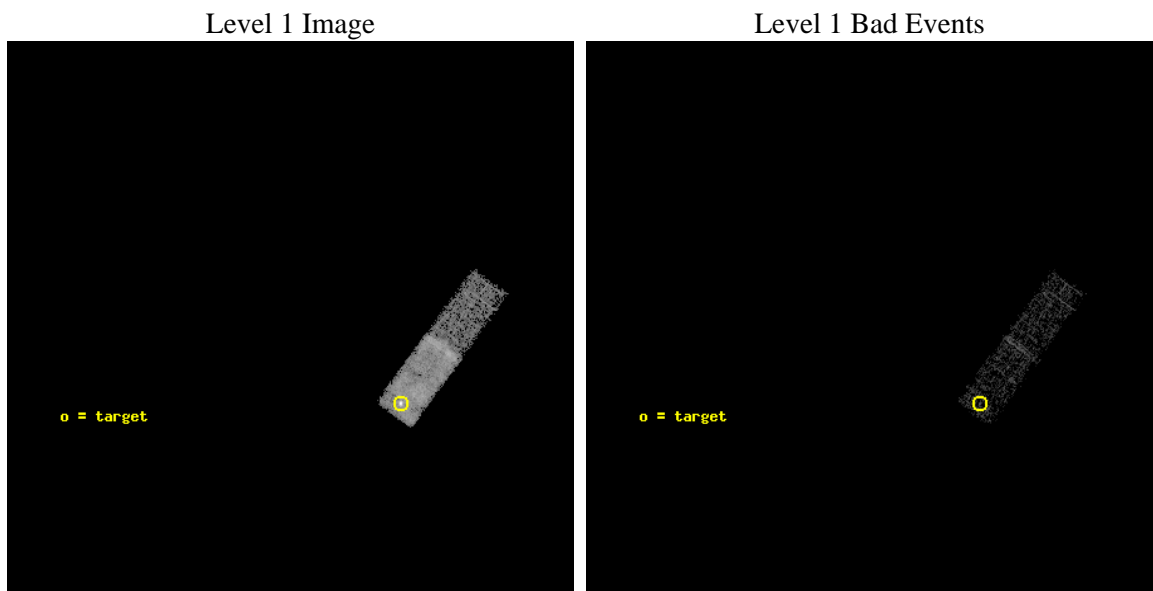
seq_num	500303	Sequence number
obs_id	3515	Observation id
title	OBSERVATION OF SNR RCW103	Proposal title
observer	Professor Gordon Garmire	Principal investigator
object	RCW103	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	244.40125	Observer's specified target RA [deg]
dec_targ	-51.040278	Observer's specified target Dec [deg]
ra_nom	244.55388420789	Nominal RA [deg]
dec_nom	-50.972631515576	Nominal Dec [deg]
roll_nom	36.281326315157	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5427.2000808716	Sum of GTIs [s]
livetime	5162.3704754795	Livetime [s]
ontime3	5427.2000808716	Sum of GTIs [s]
l2events	17495	Number of level 2 events



2 OBI

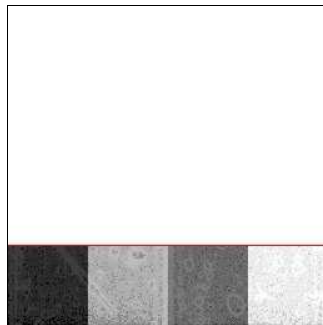
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 3



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5427.2000808716	Sum of GTIs [s]
caldsver	4.5.2	 	ontime3	5427.2000808716	Sum of GTIs [s]
date	2012-10-27T15:35:21	Date and time of file creation	l1events	28646	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

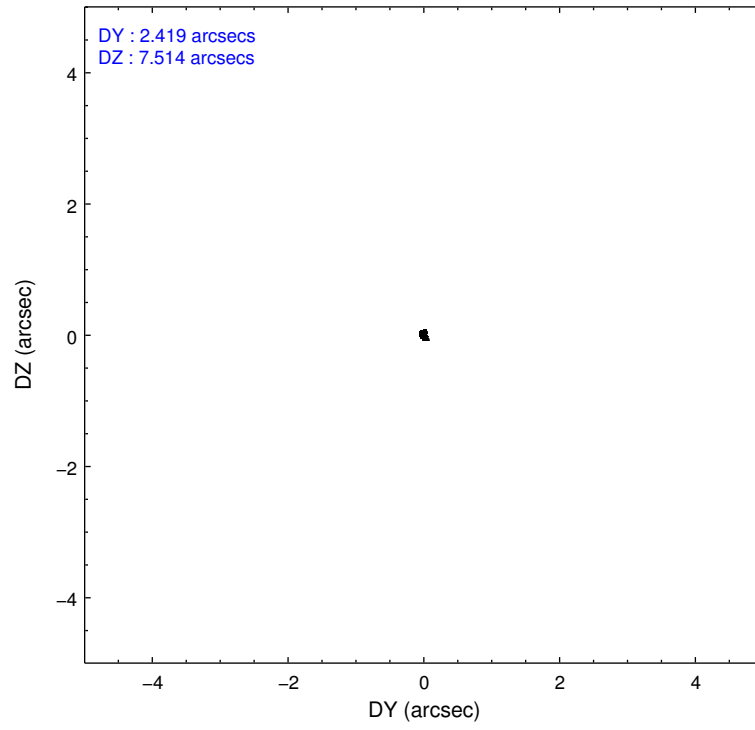
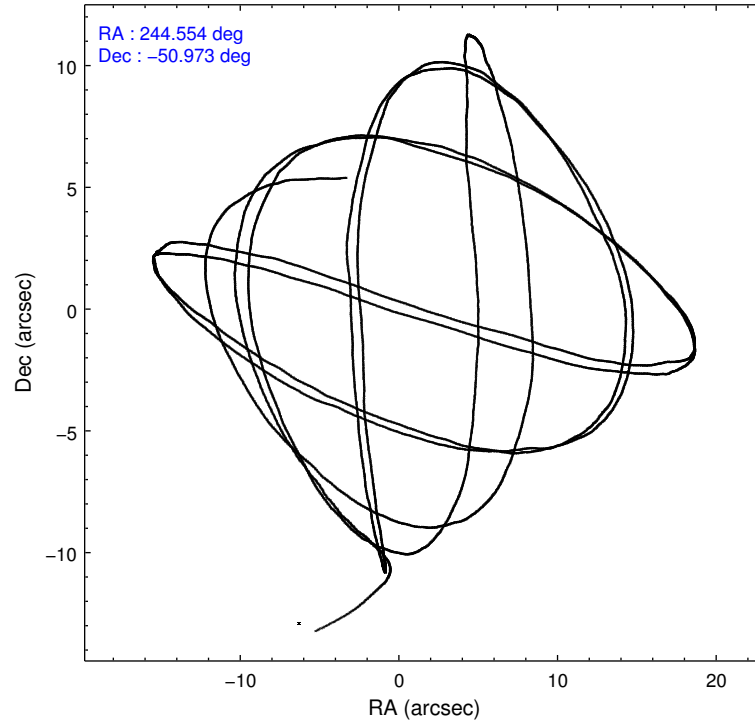
	ccd 3
level 1 events	28646
rejected events	10586
rejected %	36%

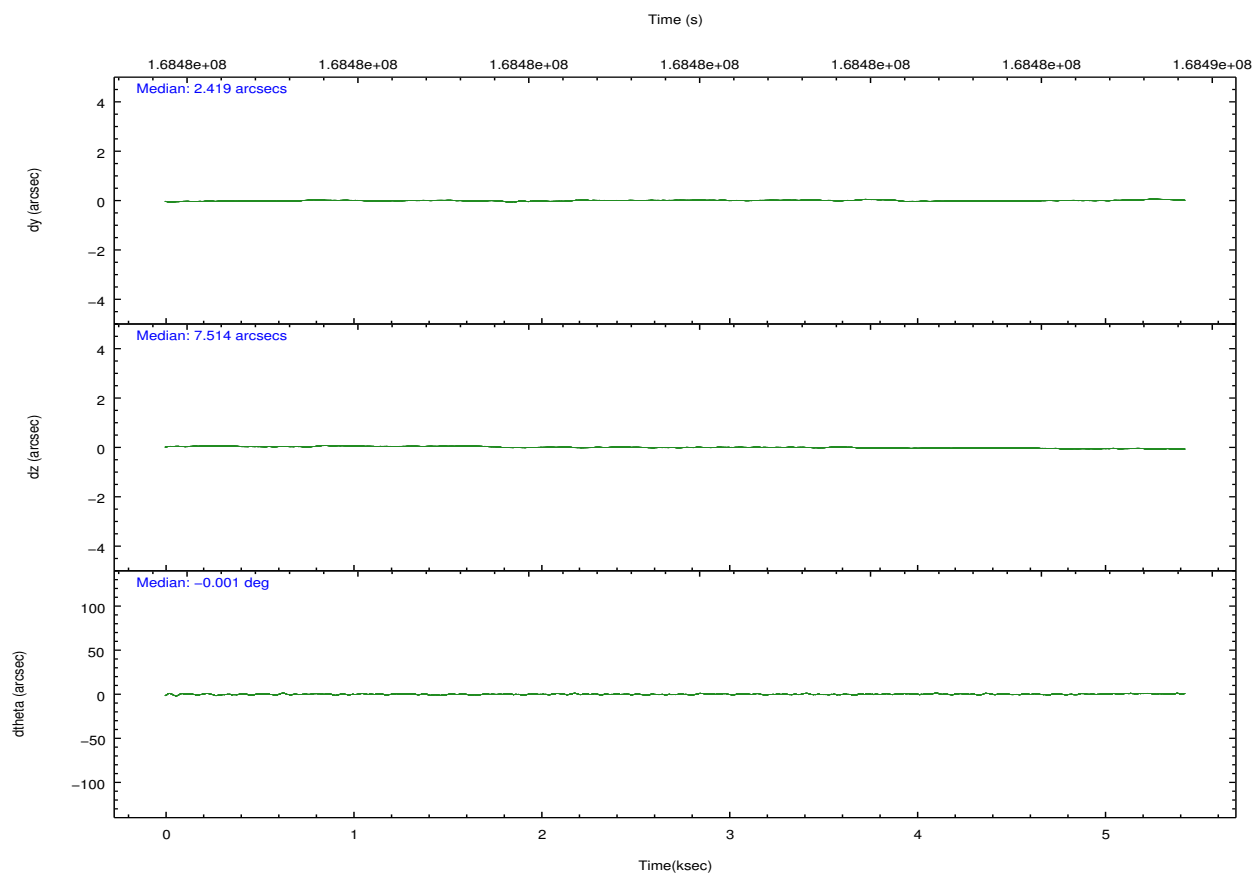
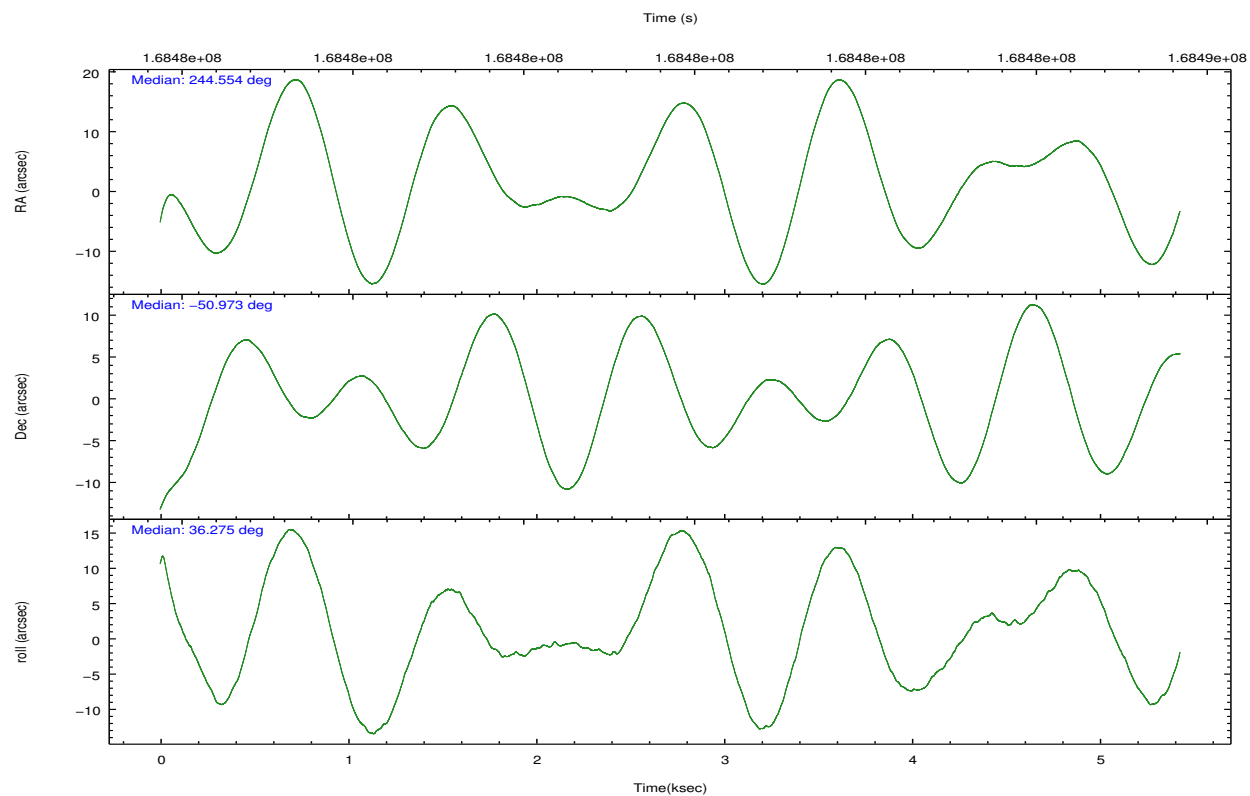
	ccd 3
grade 0 events	15203
	53%
grade 1 events	16
	0%
grade 2 events	1703
	5%
grade 3 events	621
	2%
grade 4 events	604
	2%
grade 5 events	400
	1%
grade 6 events	451
	1%
grade 7 events	9648
	33%

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	244.536781	244.5538842078937	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	-50.997686	-50.97263151557613	Subarray start row	1	1
[deg] Pointing Roll	36.059326	36.28132631515665	Subarray row count	256	256
[mm] SIM focus pos	-0.782348	-0.7809083437167272	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001439871863259334	[s] Primary exposure time	0.000000	0.8
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	168480567.184000	168479483.80545			
Observation start date	2003-05-05T00:08:23	2003-05-04T23:51:23			
[s] Observation end time (MET)	168485567.184000	168486490.19325			
Observation end date	2003-05-05T01:31:43	2003-05-05T01:48:10			
Read mode	TIMED	TIMED			

2.3 Aspect



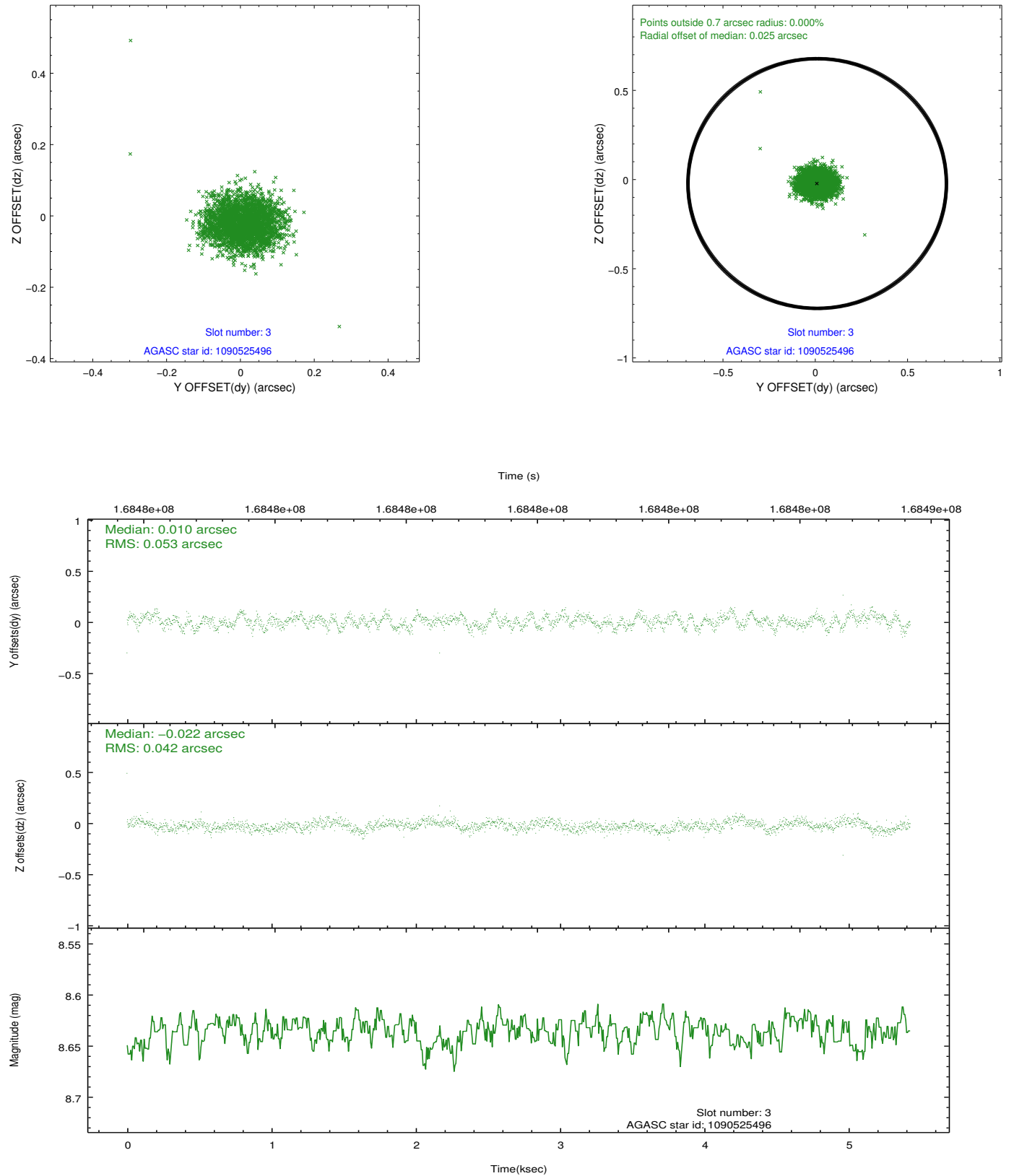


Slot Statistics

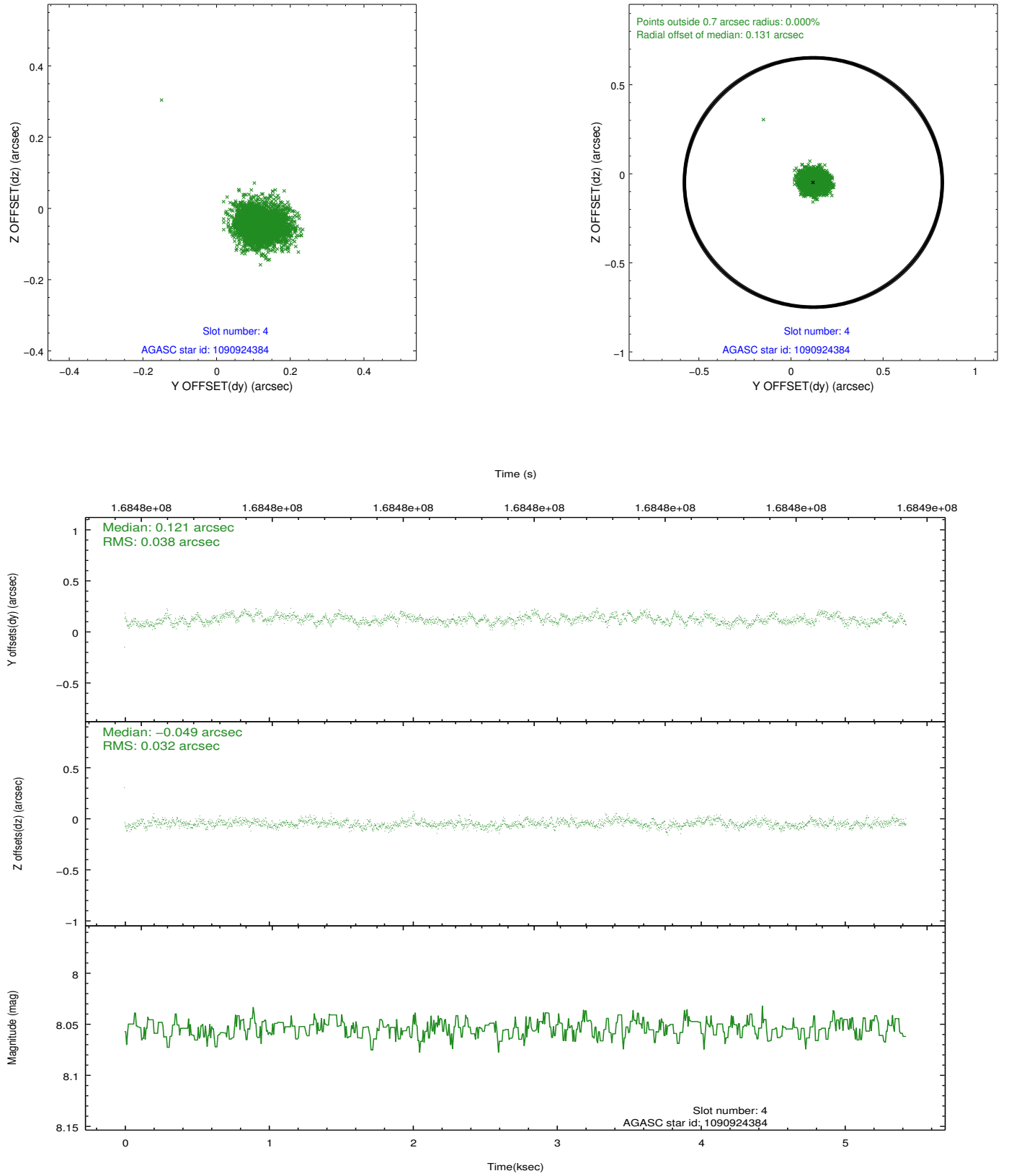
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1324	0.006	0.023	0.006	0.010	0.000000	0.000000	937.38	-830.92
1	FID	ACIS-I-5	7.24	1324	-0.078	0.052	0.006	0.011	0.000000	0.000000	-1810.16	1066.10
2	FID	ACIS-I-6	7.26	1324	-0.019	-0.005	0.007	0.012	0.000000	0.000000	401.75	1711.76
3	GUIDE	1090525496	8.63	2648	0.010	-0.022	0.072	0.112	244.777039	-50.152945	2238.13	2131.68
4	GUIDE	1090924384	8.05	2649	0.121	-0.049	0.053	0.085	243.330505	-50.934017	-2089.27	1778.63
5	GUIDE	1091057912	9.15	2649	-0.204	0.159	0.088	0.137	245.642757	-51.112070	1767.05	-1818.44
6	GUIDE	1091059112	9.06	2647	-0.063	0.124	0.078	0.128	245.180420	-50.736664	1736.11	-109.17
7	GUIDE	1090921440	8.97	2645	0.134	-0.218	0.087	0.135	243.292741	-50.752608	-1784.09	2361.24

2.4 Star Slots

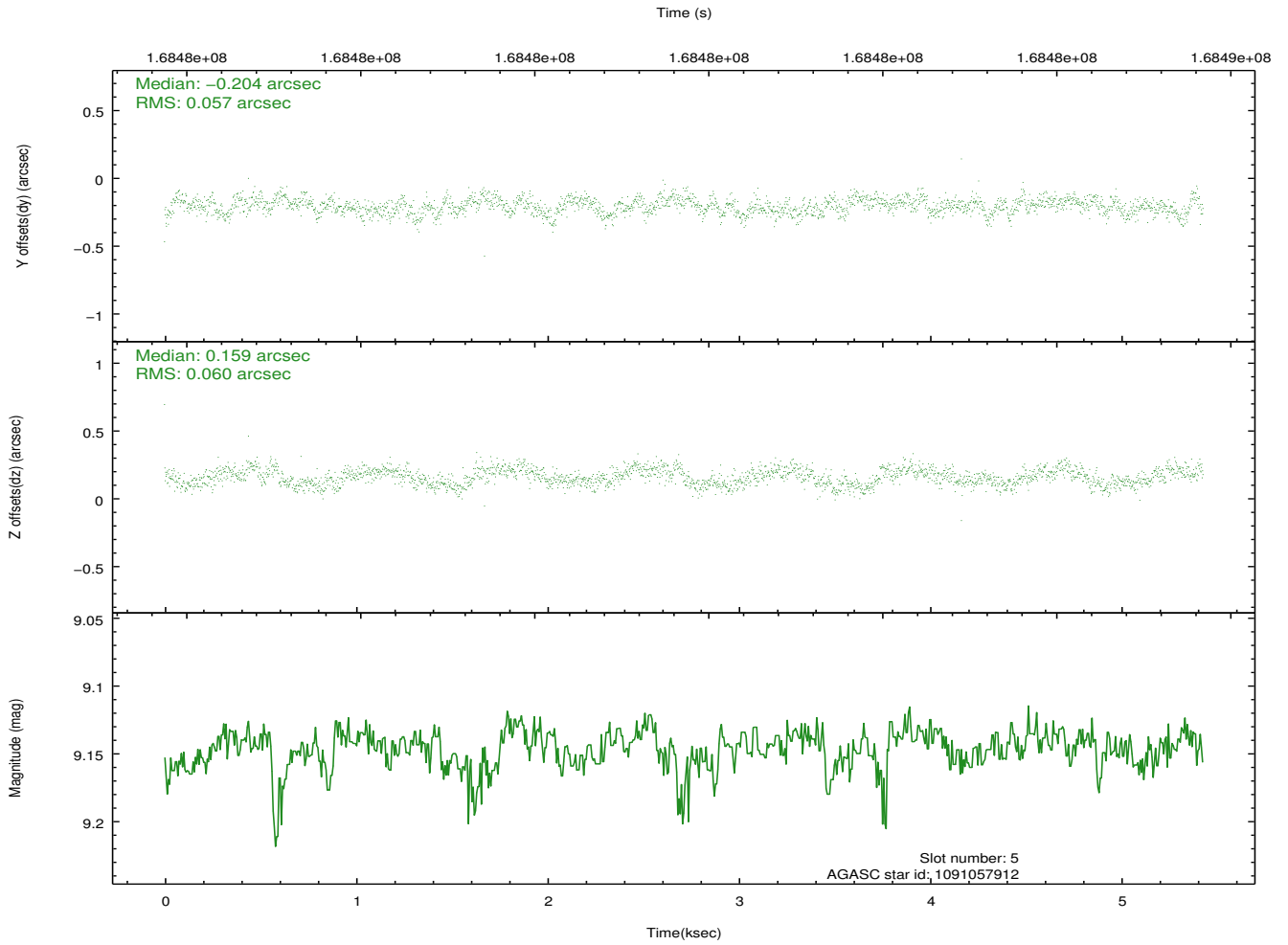
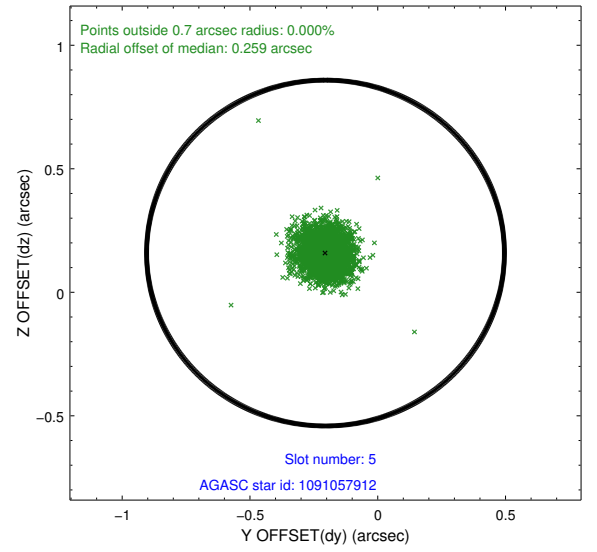
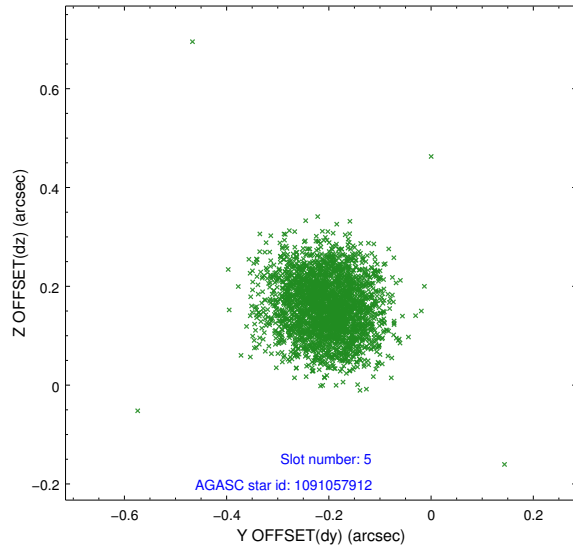
2.4.1 Slot 3



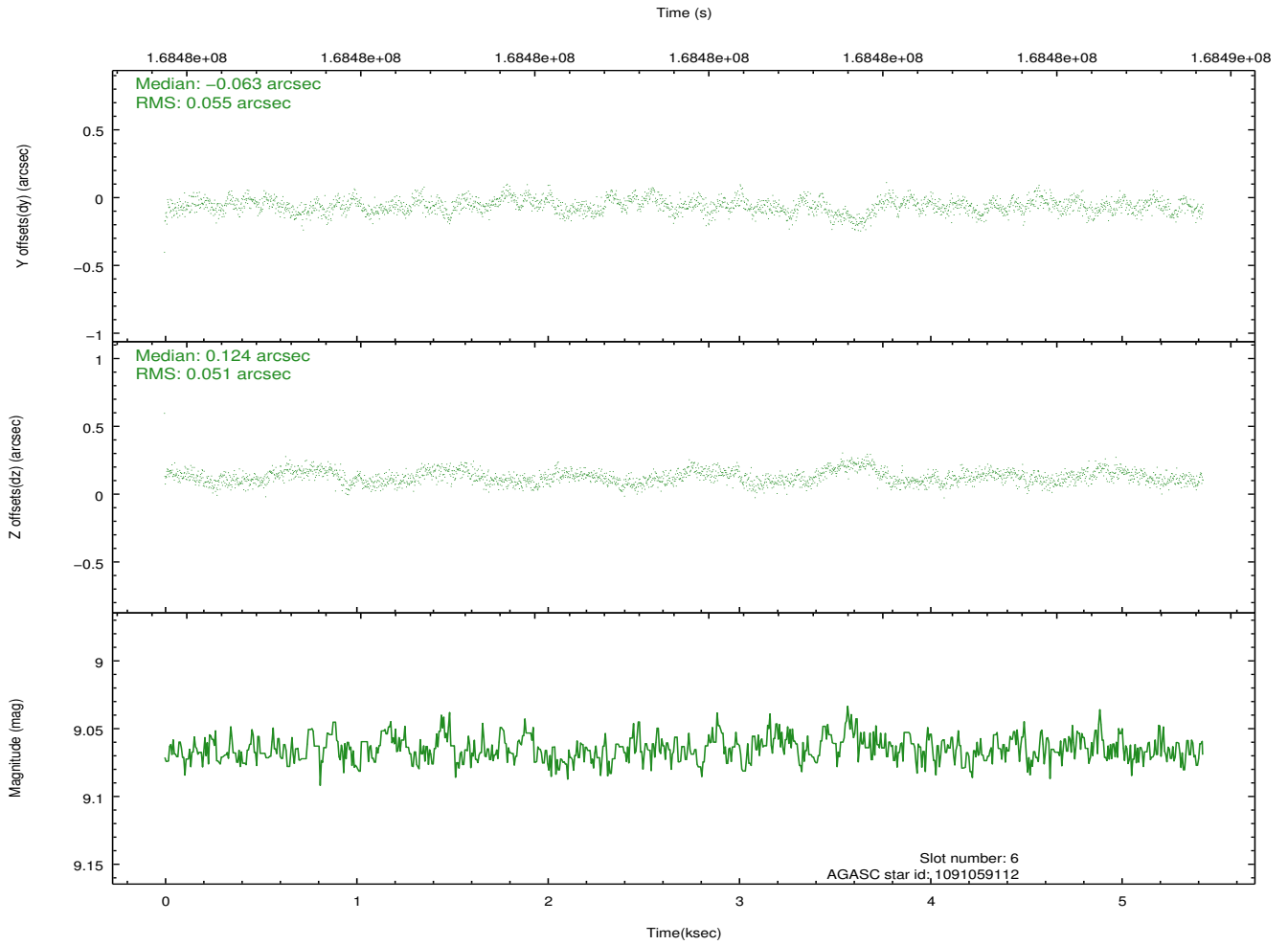
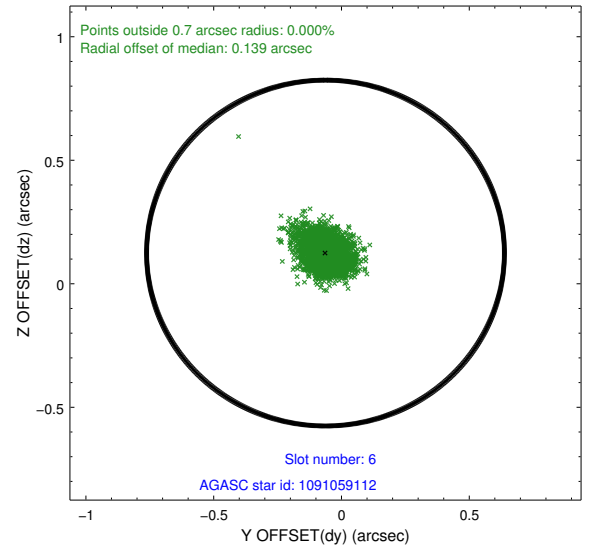
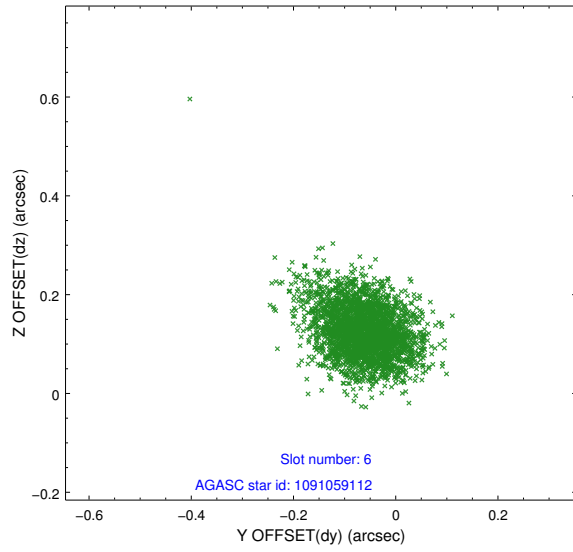
2.4.2 Slot 4



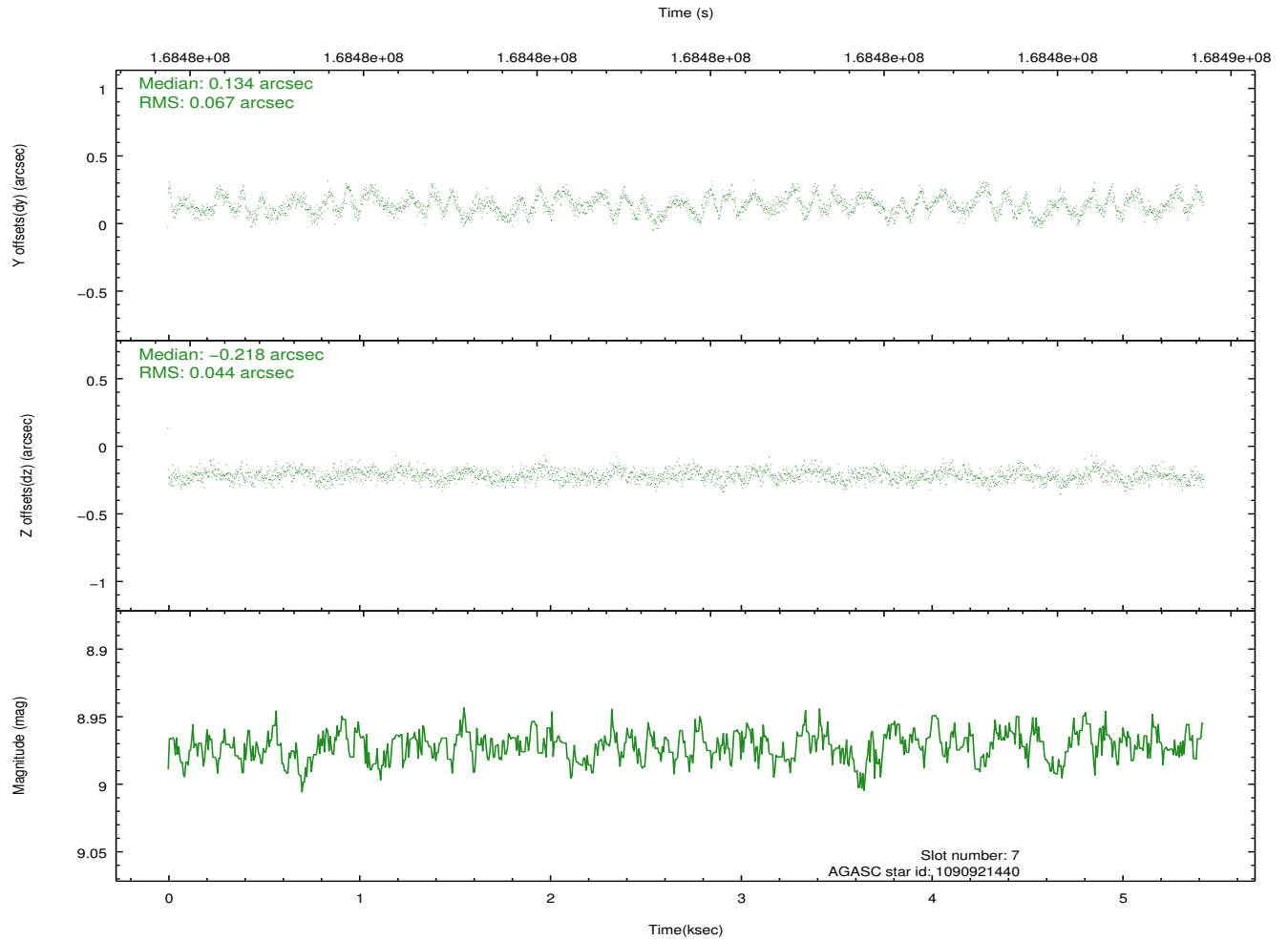
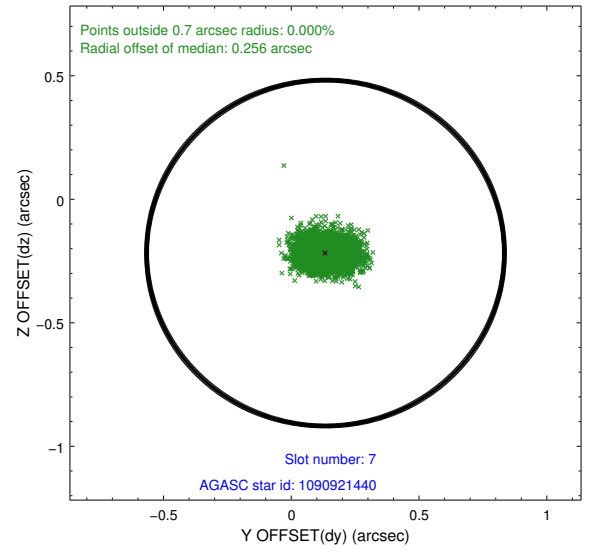
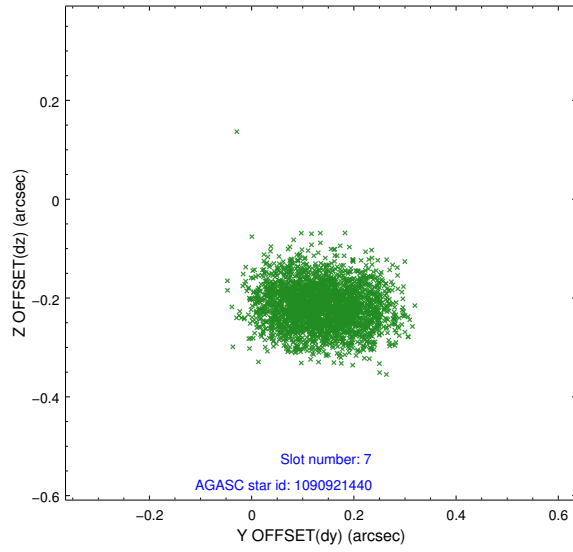
2.4.3 Slot 5



2.4.4 Slot 6

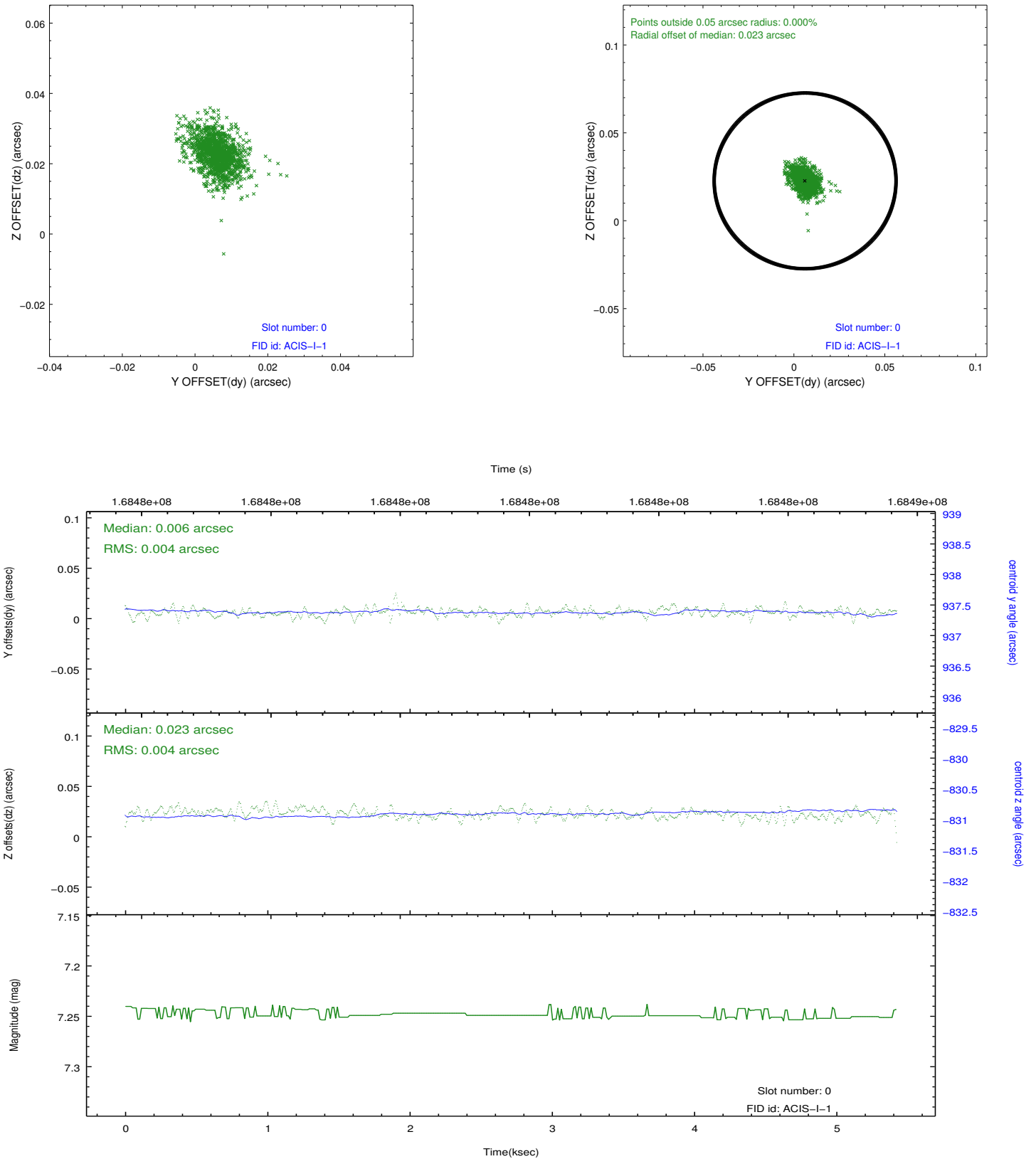


2.4.5 Slot 7

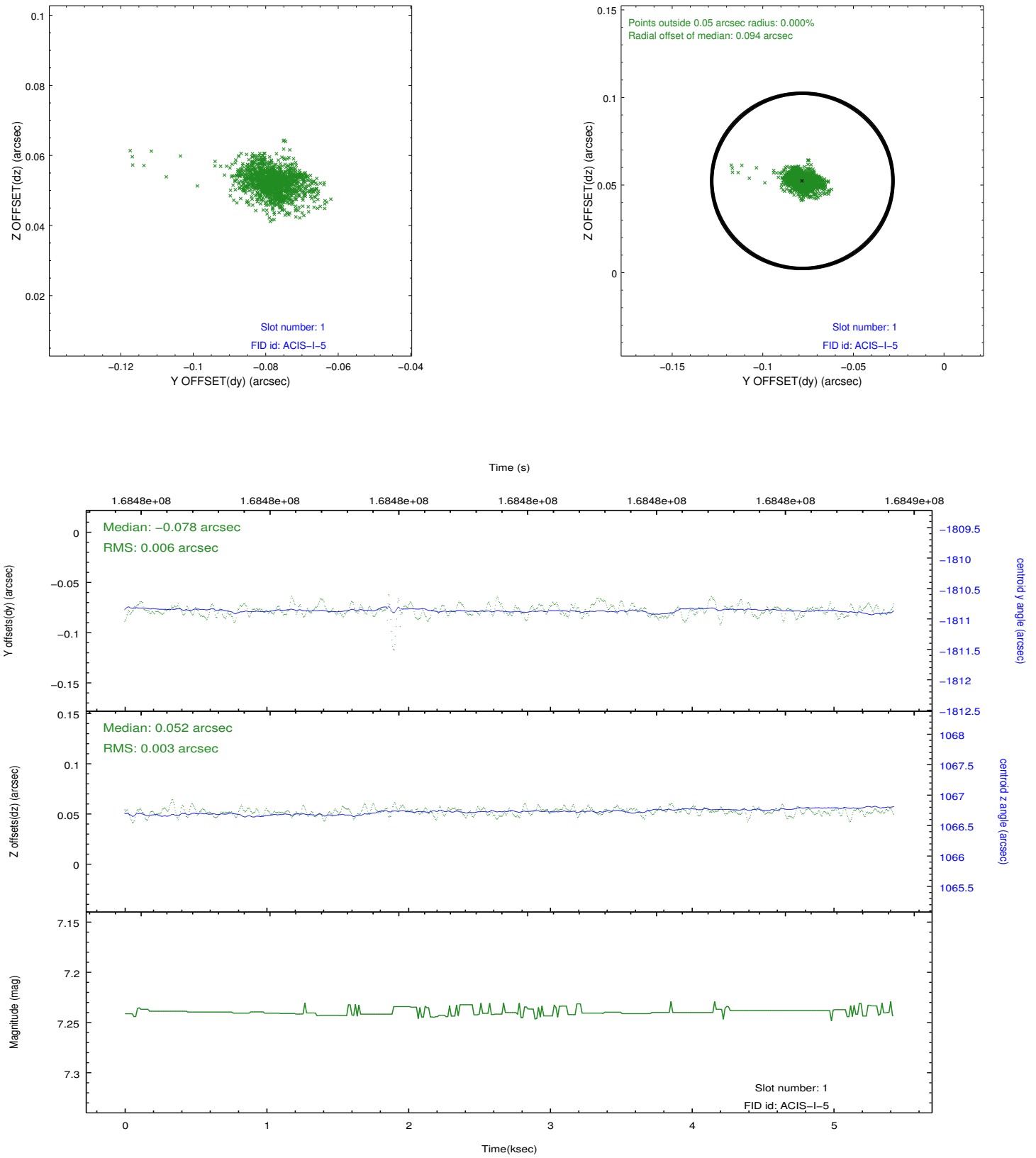


2.5 FID Slots

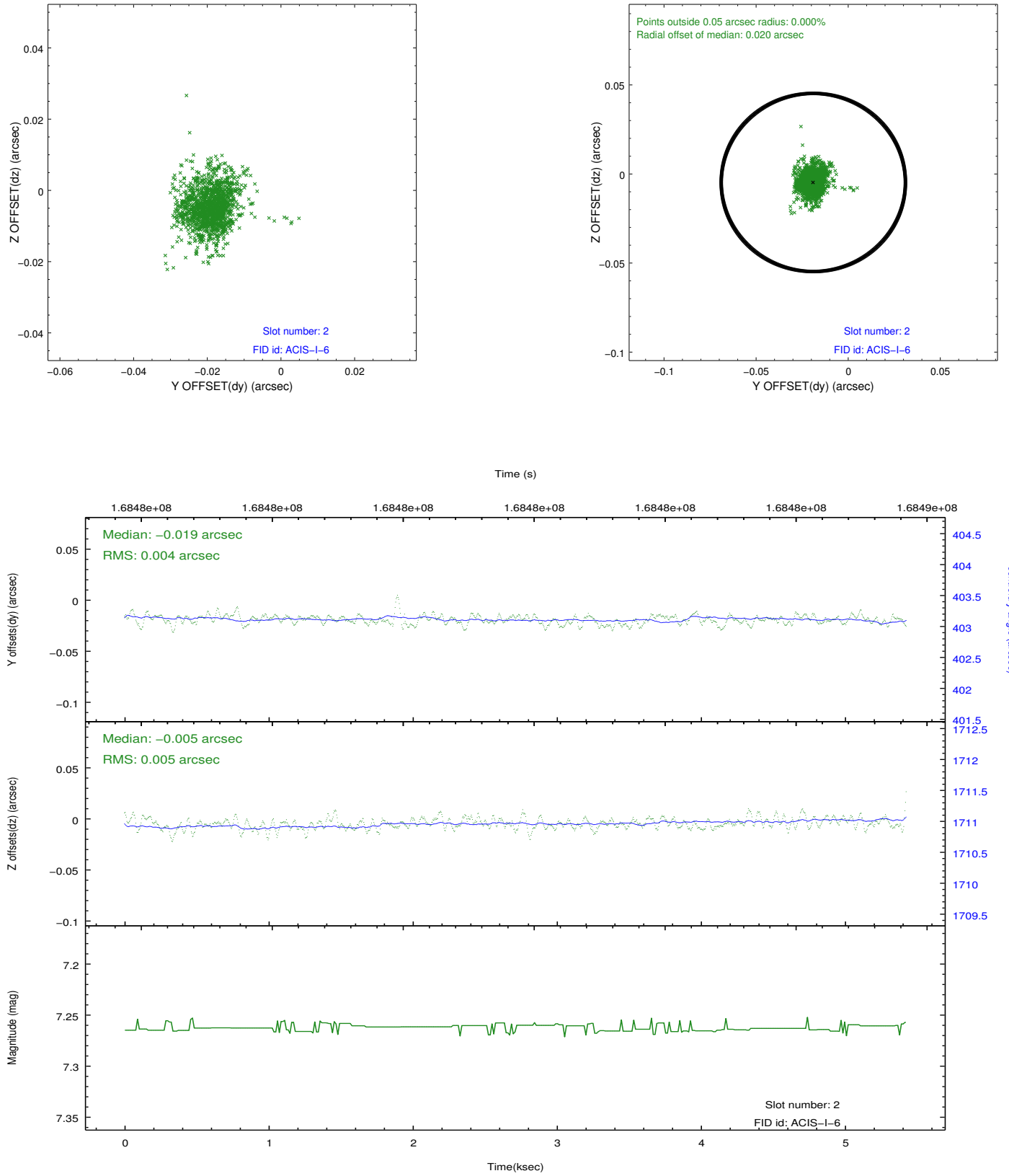
2.5.1 Slot 0



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	5.427

A.2 Comments

Monitor constraint met.