

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2261 - L2 Version 3
Chandra X-Ray Center

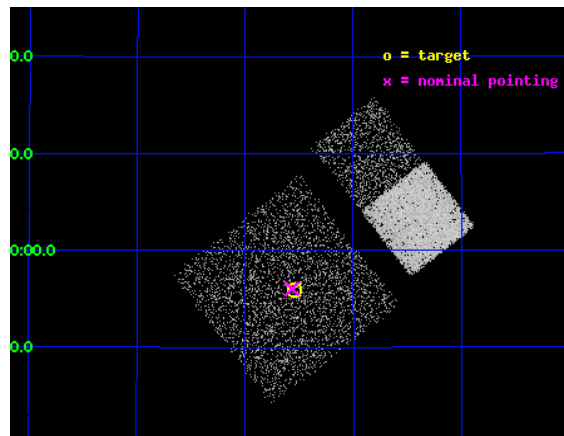
L2 Processing Date : Sep 3 2012

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1 Front

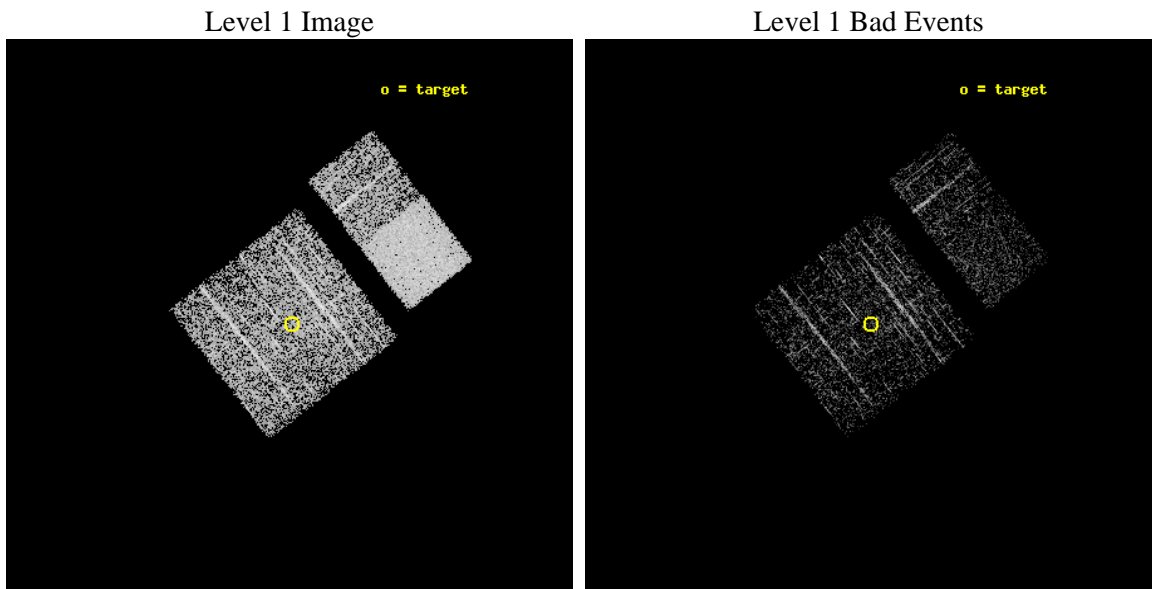
seq_num	900088	Sequence number
obs_id	2261	Observation id
title	CHANDRA OBSERVATION OF HARD X-RAY SOURCES DISCOVERED WITH ASCA	Pro
observer	Dr Yoshihiro Ueda	Principal investigator
object	AGX~J111432+4056	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	168.636667	Observer's specified target RA [deg]
dec_targ	40.931889	Observer's specified target Dec [deg]
ra_nom	168.64193058628	Nominal RA [deg]
dec_nom	40.934169442176	Nominal Dec [deg]
roll_nom	52.007911468482	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1302.4000011981	Sum of GTIs [s]
livetime	1285.9082281718	Livetime [s]
ontime0	1302.4000011981	Sum of GTIs [s]
ontime1	1302.4000011981	Sum of GTIs [s]
ontime2	1302.4000011981	Sum of GTIs [s]
ontime3	1302.4000011981	Sum of GTIs [s]
ontime6	1302.4000011981	Sum of GTIs [s]
ontime7	1302.4000011981	Sum of GTIs [s]
l2events	18560	Number of level 2 events



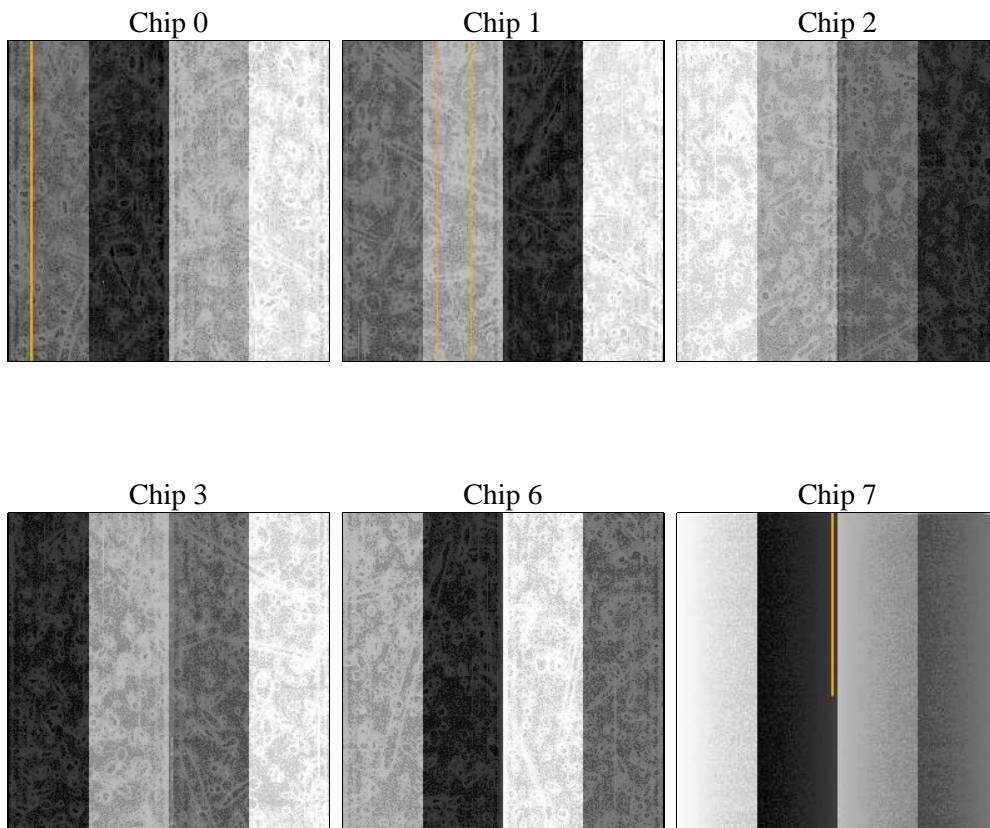
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1549.874000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1302.4000011981	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	1302.4000011981	Sum of GTIs [s]
date	2012-09-03T02:45:37	Date and time of file creation	ontime1	1302.4000011981	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	1302.4000011981	Sum of GTIs [s]
			ontime3	1302.4000011981	Sum of GTIs [s]
			ontime6	1302.4000011981	Sum of GTIs [s]
			ontime7	1302.4000011981	Sum of GTIs [s]
			l1events	59816	Number of level 1 events

2.1.4 Events

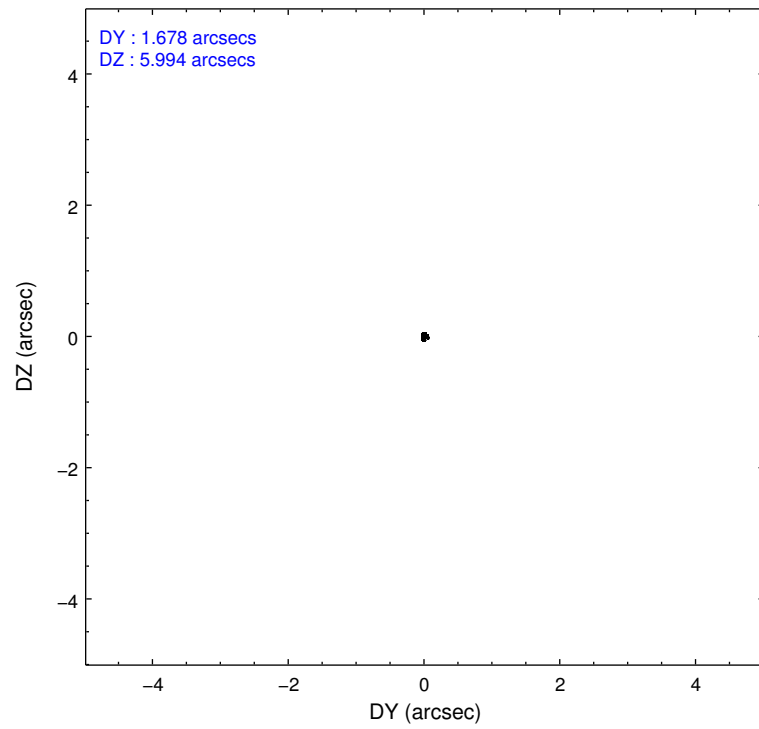
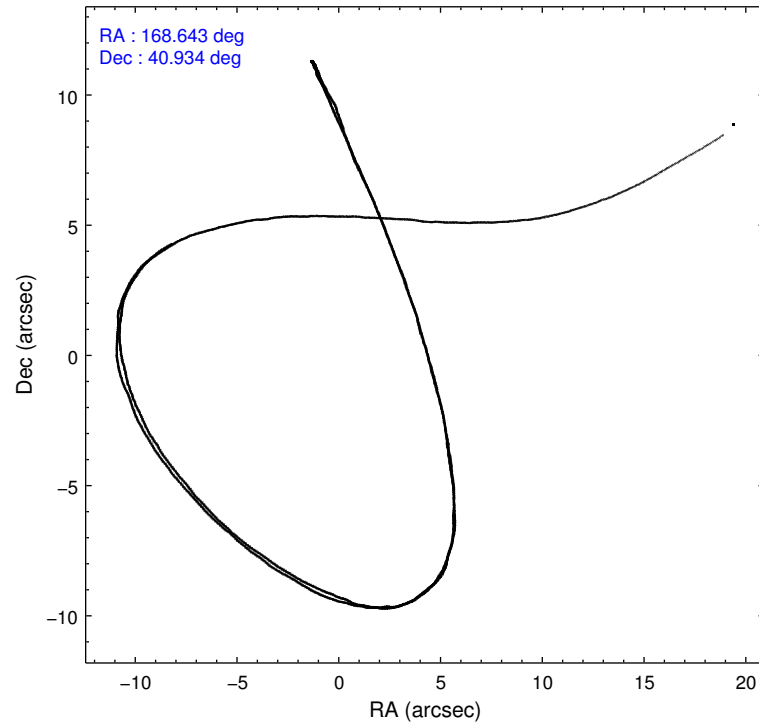
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	7801	7258	8536	8622	8250	19349
rejected events	6657	6090	7409	7463	6883	5852
rejected %	85%	83%	86%	86%	83%	30%

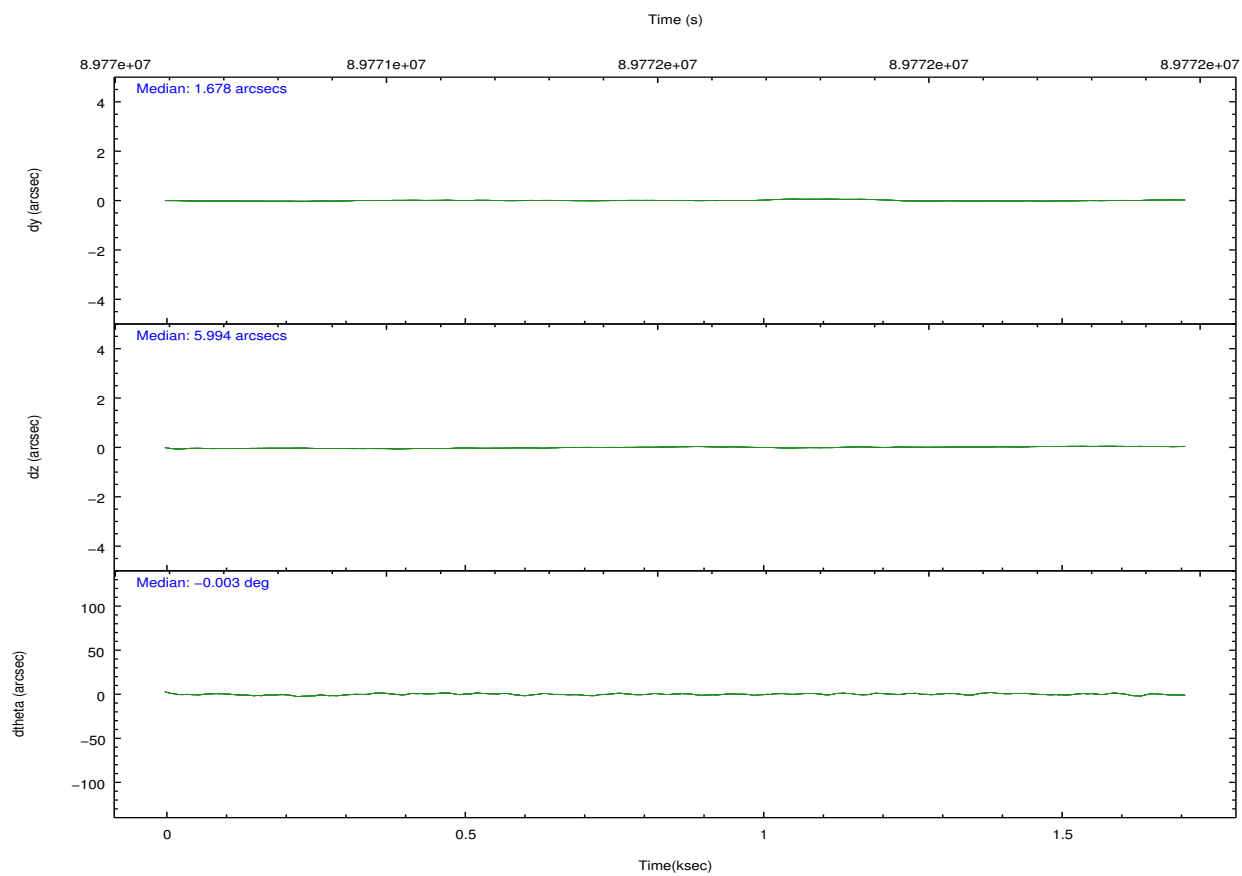
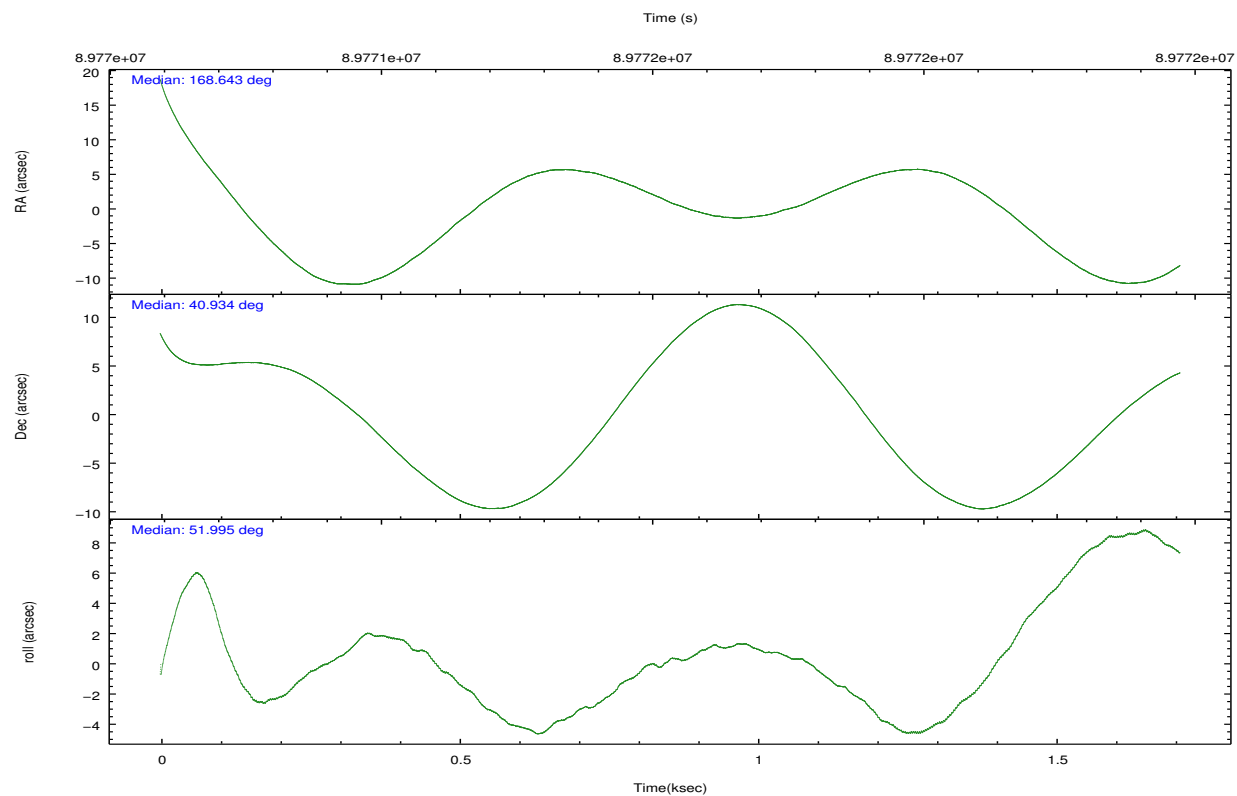
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	581	606	572	599	759	1958
	7%	8%	6%	6%	9%	10%
grade 1 events	2	9	4	5	6	16
	0%	0%	0%	0%	0%	0%
grade 2 events	236	207	217	216	235	2629
	3%	2%	2%	2%	2%	13%
grade 3 events	88	95	79	97	103	1212
	1%	1%	0%	1%	1%	6%
grade 4 events	95	104	94	88	83	1111
	1%	1%	1%	1%	1%	5%
grade 5 events	304	287	248	294	303	966
	3%	3%	2%	3%	3%	4%
grade 6 events	148	167	168	162	190	6653
	1%	2%	1%	1%	2%	34%
grade 7 events	6347	5783	7154	7161	6571	4804
	81%	79%	83%	83%	79%	24%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	168.637140	168.6419305862761	Subarray requested	NONE	NONE
[deg] Pointing Dec	40.907005	40.93416944217582	Alternating exposures requested	N	N
[deg] Pointing Roll	51.802375	52.00791146848217	[s] Primary exposure time	0.000000	3.2
[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)	89770836.184000	89770044.800807			
Observation start date	2000-11-05T00:19:32	2000-11-05T00:07:24			
[s] Observation end time (MET)	89772386.184000	89772700.57590701			
Observation end date	2000-11-05T00:45:22	2000-11-05T00:51:40			
Read mode	TIMED	TIMED			

2.3 Aspect



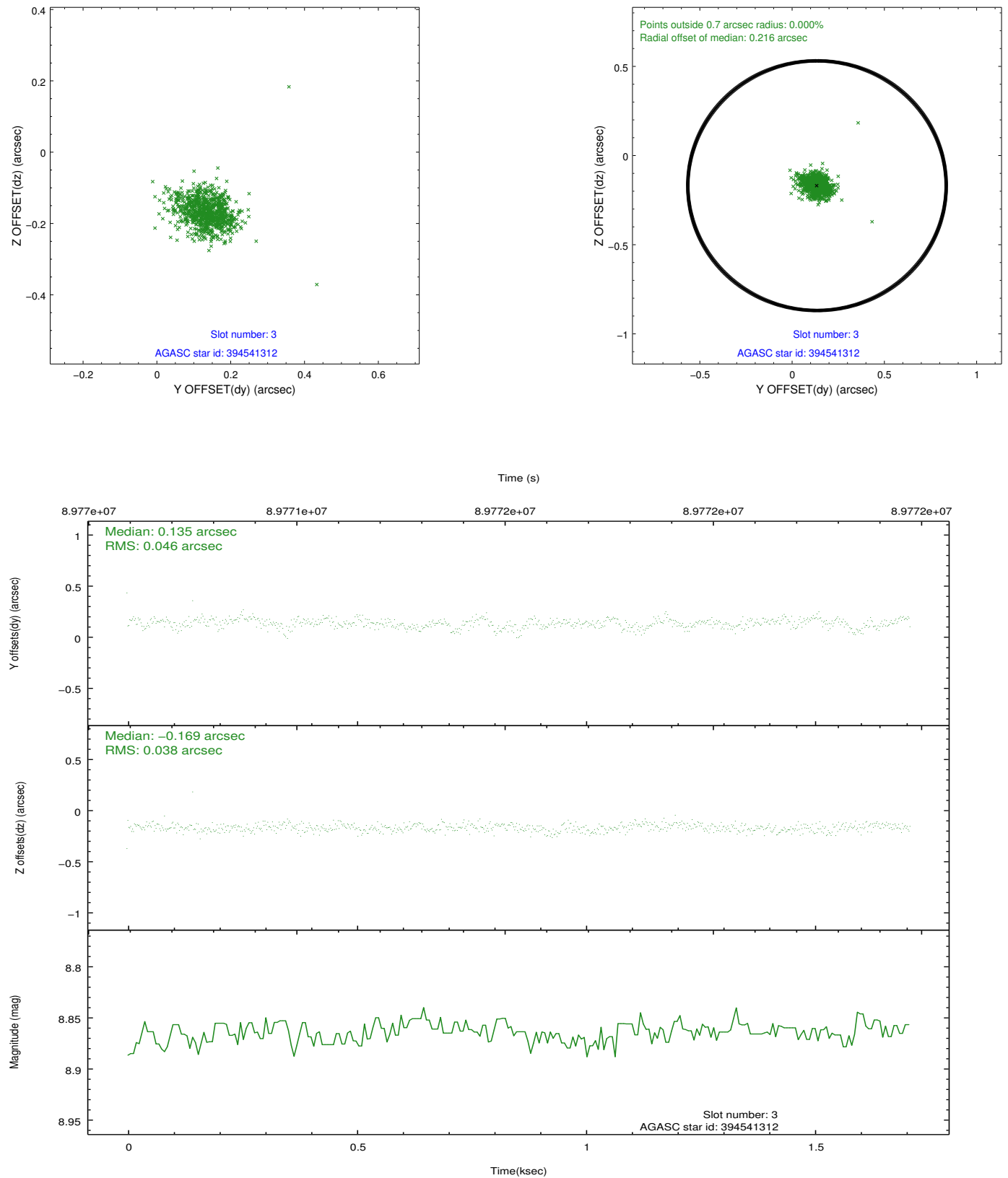


Slot Statistics

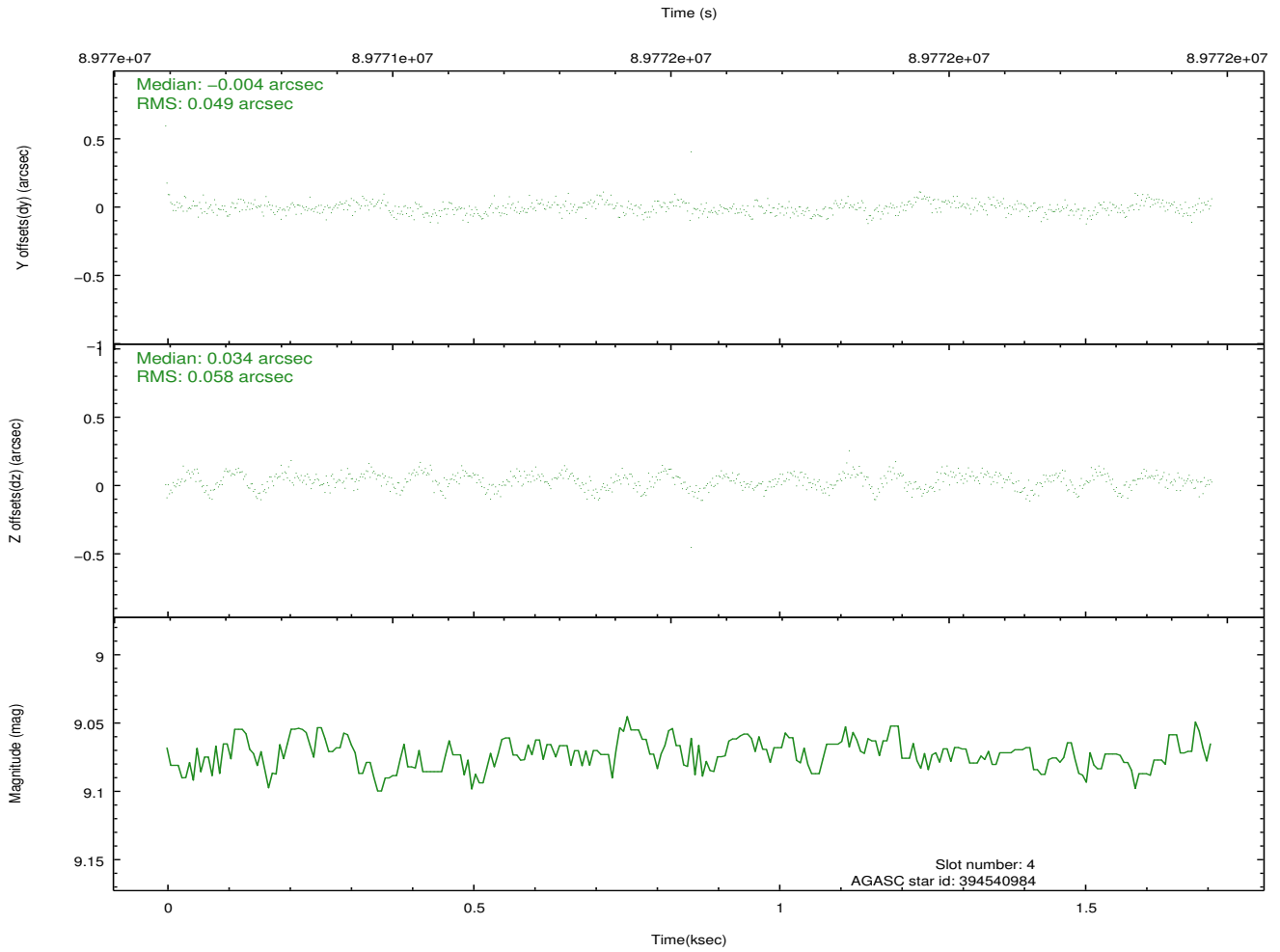
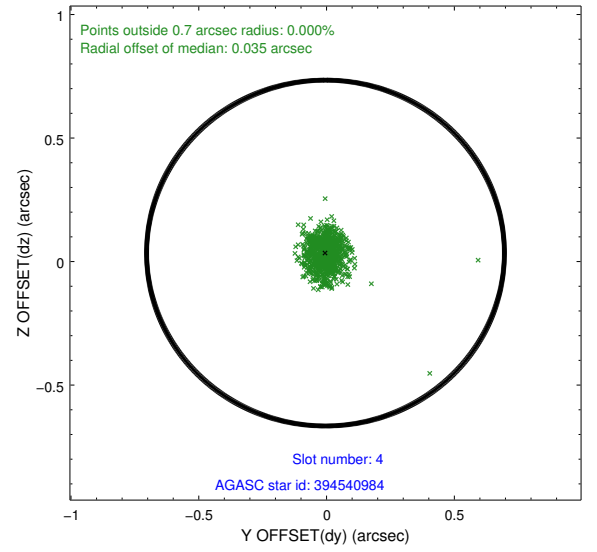
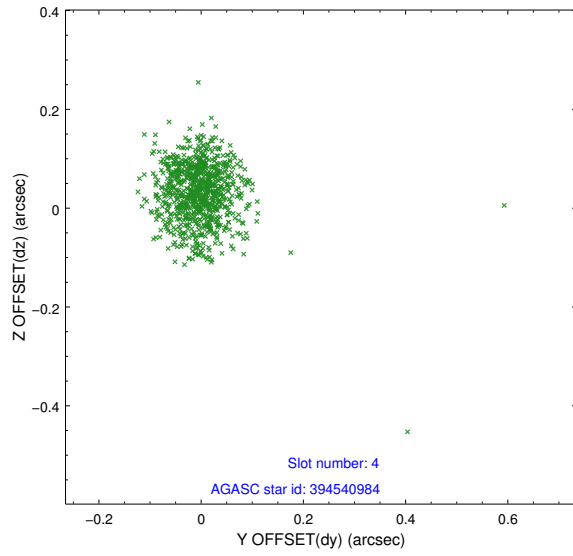
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	416	-0.064	-0.017	0.007	0.013	0.000000	0.000000	-756.07	-835.75
1	FID	ACIS-I-4	7.19	417	-0.029	0.038	0.007	0.012	0.000000	0.000000	2156.24	1068.61
2	FID	ACIS-I-6	7.26	417	-0.006	0.042	0.009	0.015	0.000000	0.000000	408.99	1715.15
3	GUIDE	394541312	8.86	835	0.135	-0.169	0.059	0.099	168.142879	40.534286	-1887.99	234.96
4	GUIDE	394540984	9.07	834	-0.004	0.034	0.074	0.121	169.035193	40.529906	-393.66	-1693.58
5	GUIDE	394534584	9.40	835	-0.128	0.112	0.092	0.151	169.479815	40.837337	1230.40	-1953.51
6	GUIDE	394536664	9.51	835	0.160	-0.137	0.091	0.148	167.975457	40.752410	-1546.79	1075.49
7	GUIDE	394537096	9.59	832	-0.157	0.158	0.119	0.189	169.436215	40.716152	814.34	-2130.50

2.4 Star Slots

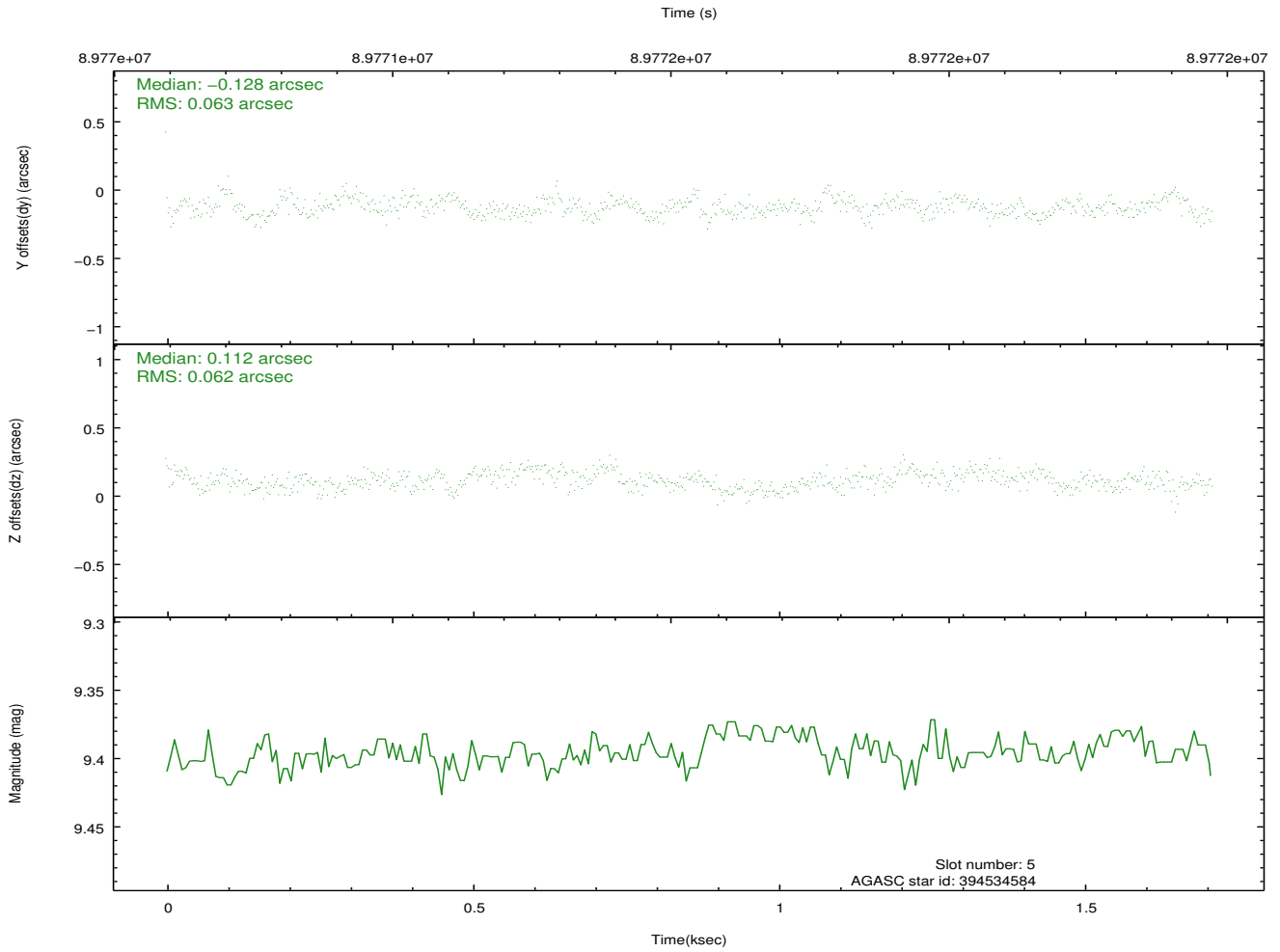
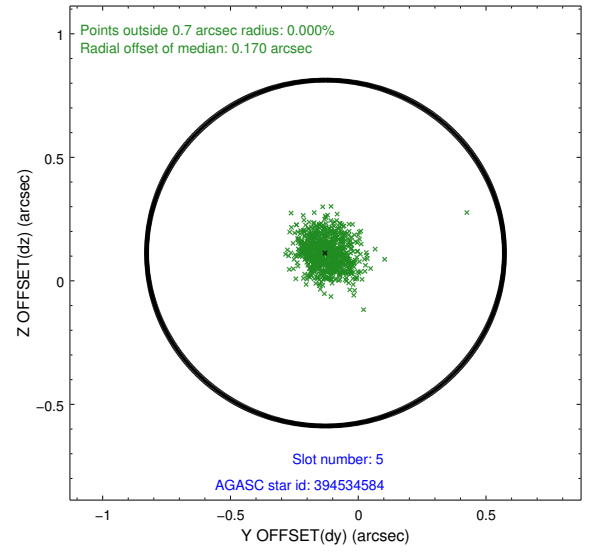
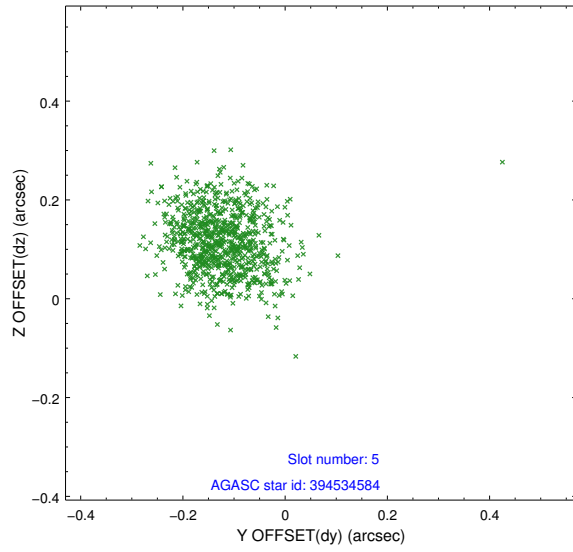
2.4.1 Slot 3



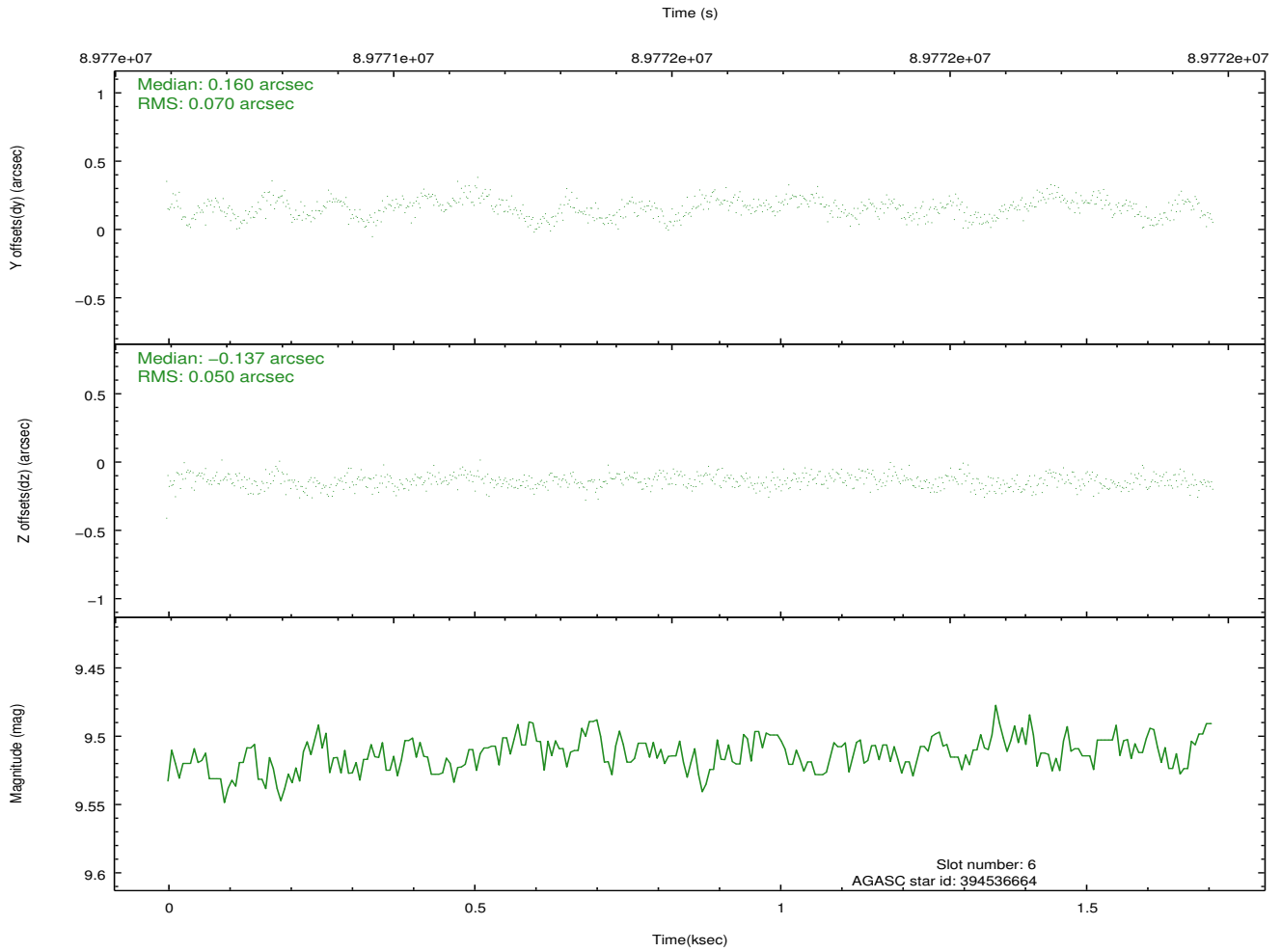
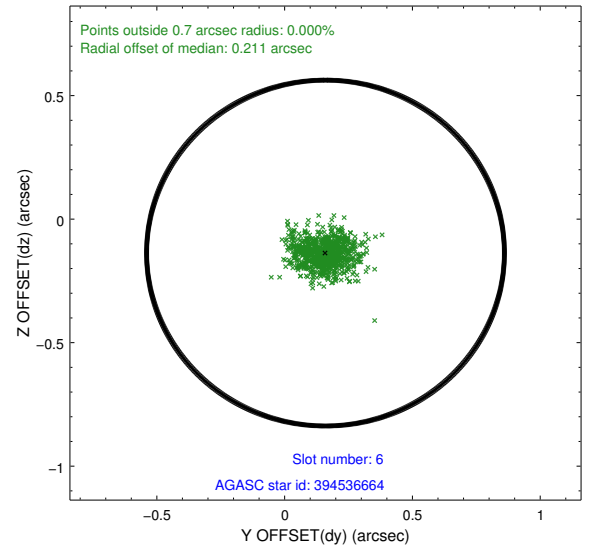
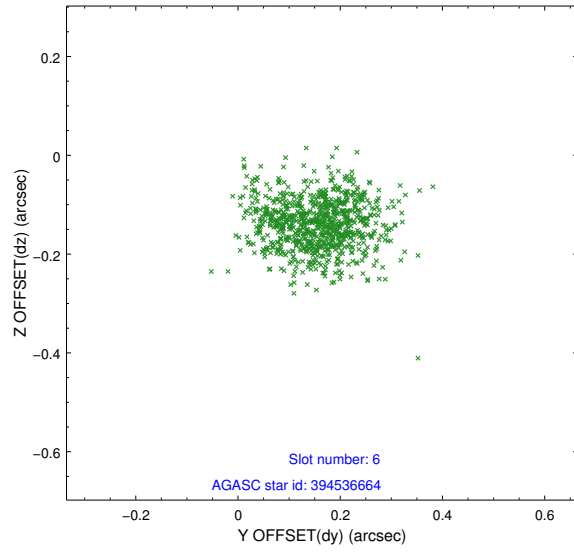
2.4.2 Slot 4



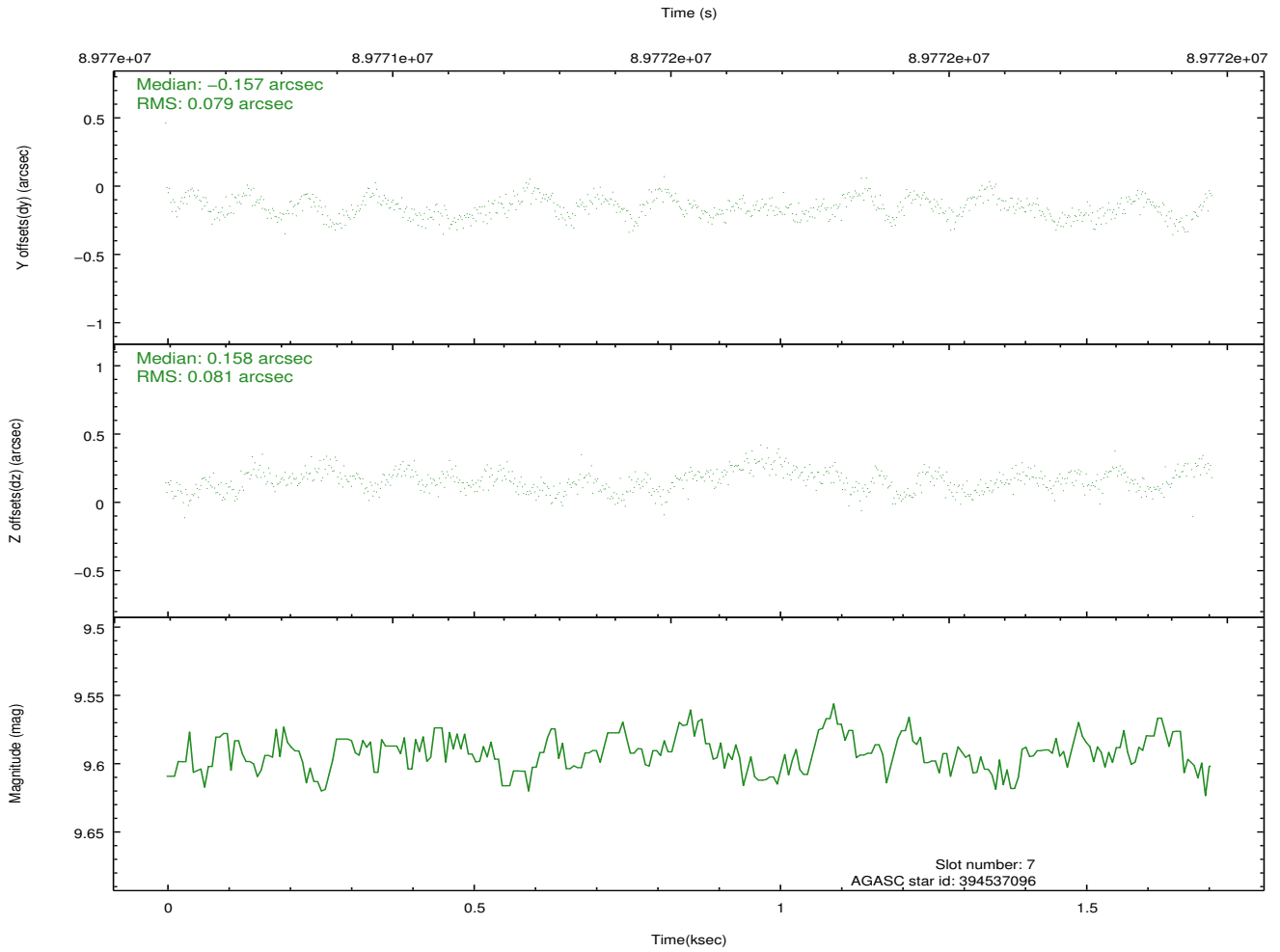
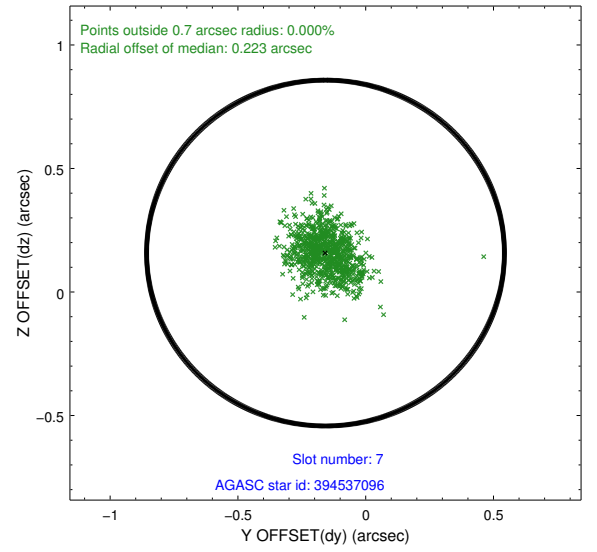
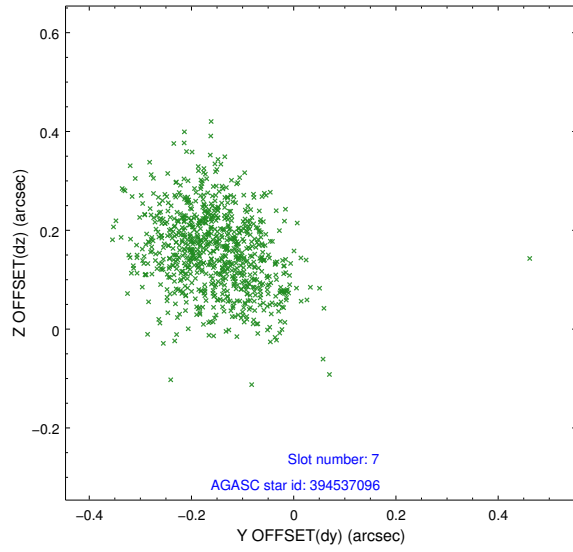
2.4.3 Slot 5



2.4.4 Slot 6

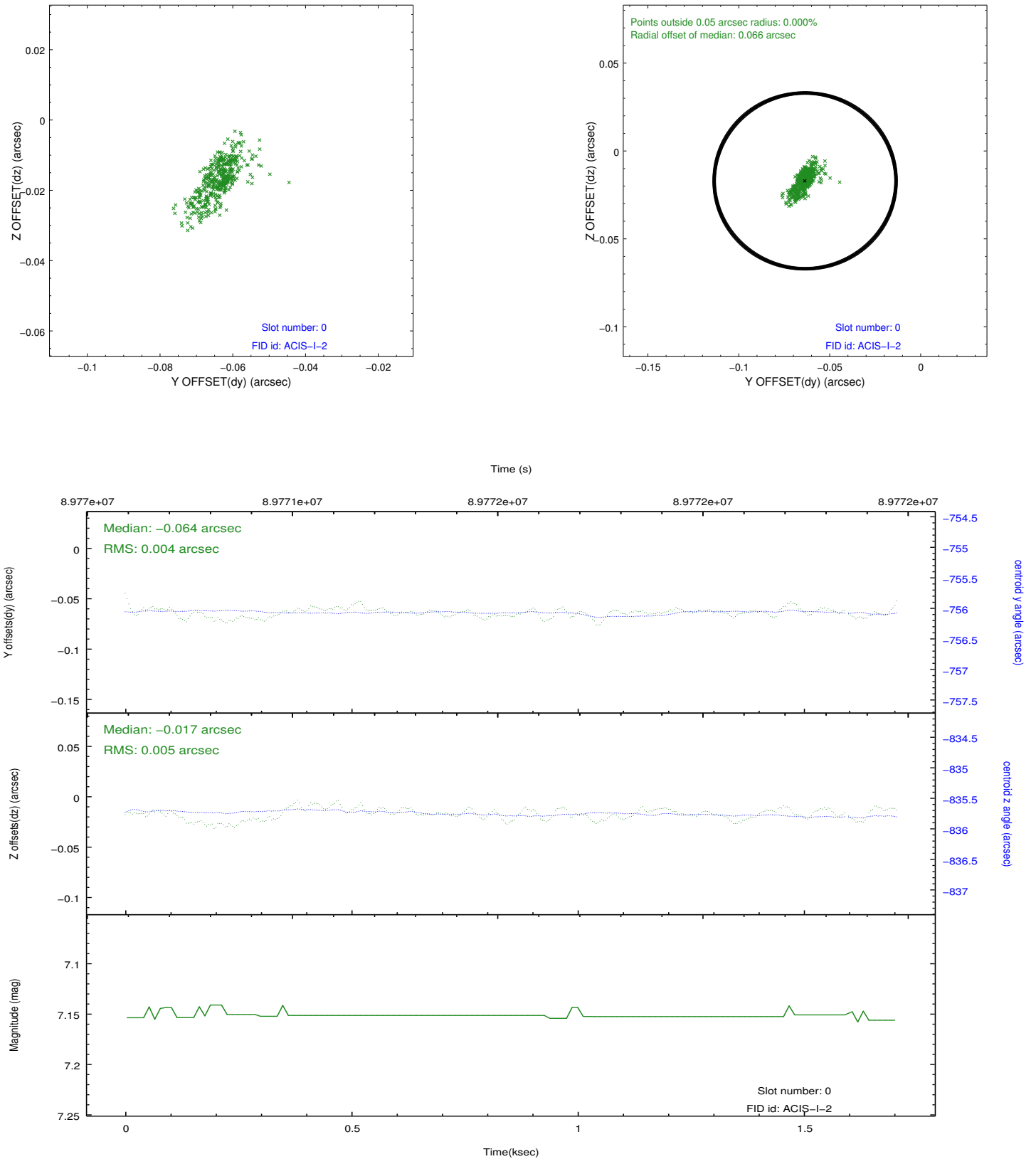


2.4.5 Slot 7

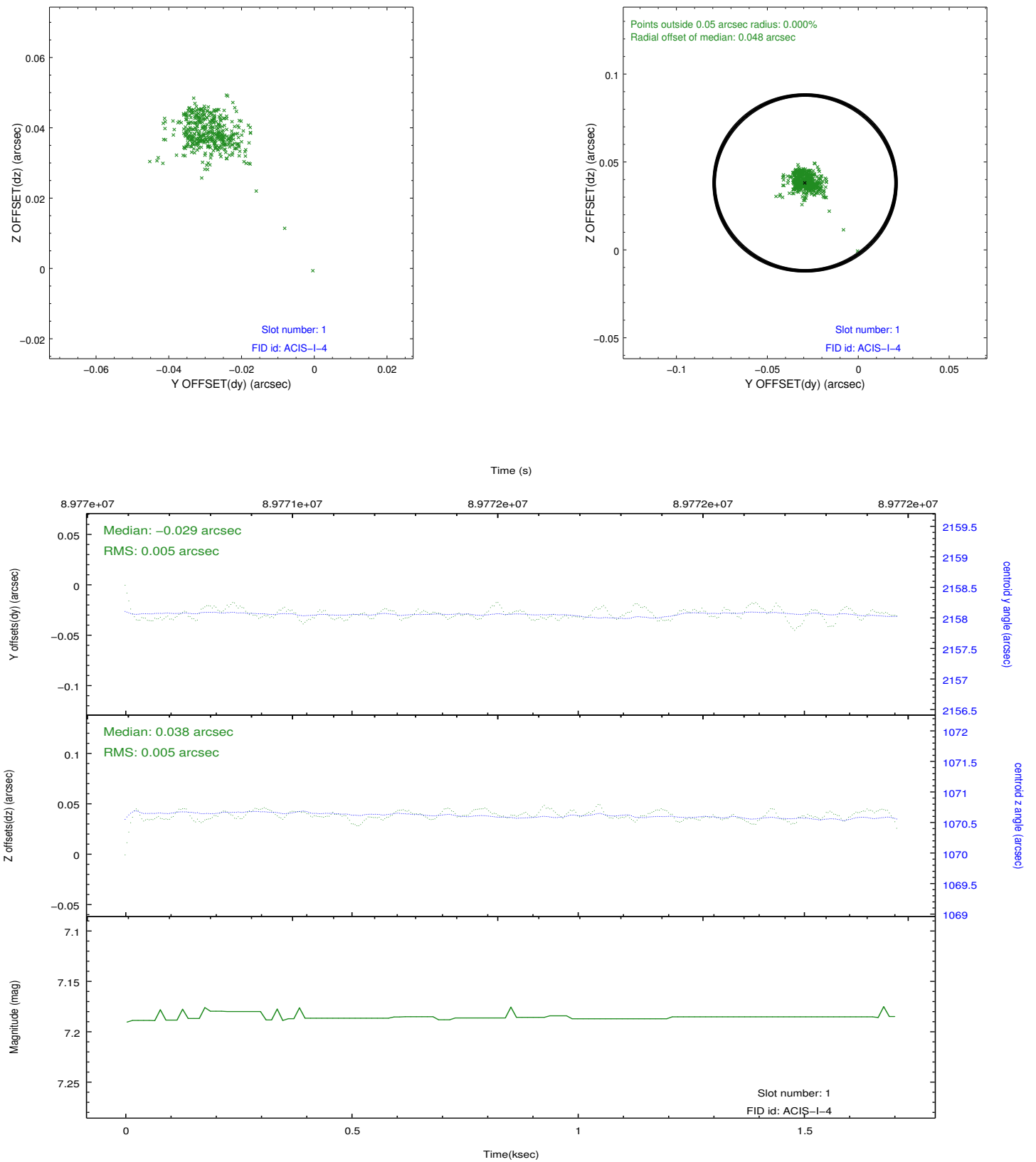


2.5 FID Slots

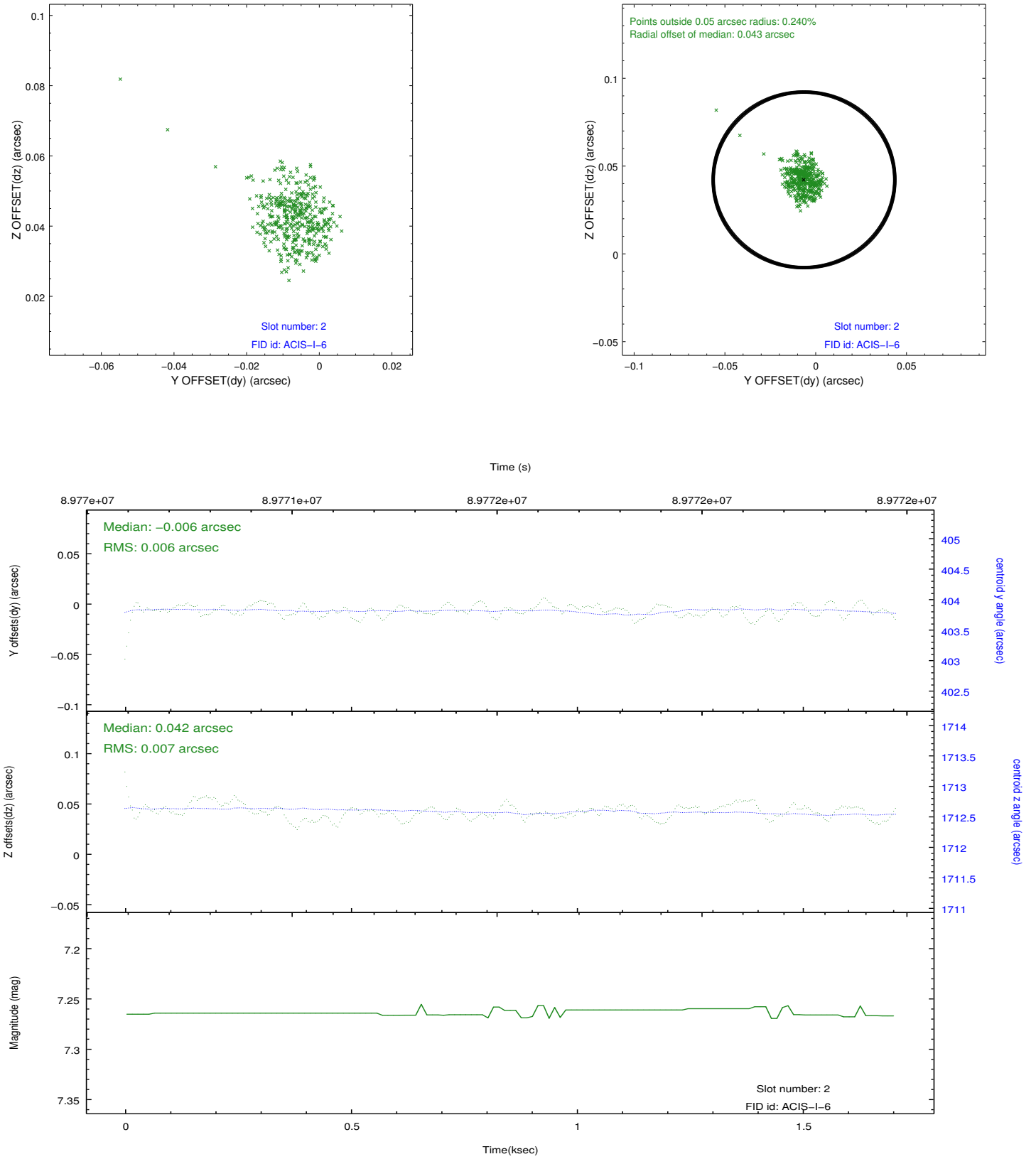
2.5.1 Slot 0



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)	2012.09.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.305

A.2 Comments