

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6424 - L2 Version 2
Chandra X-Ray Center

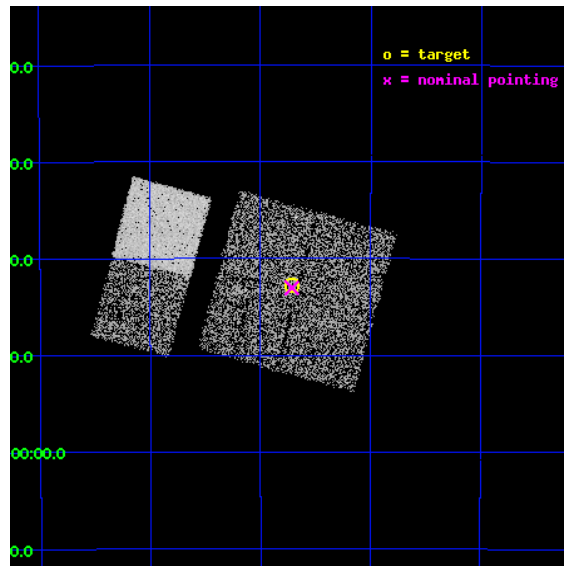
L2 Processing Date : Apr 2 2012

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1 Front

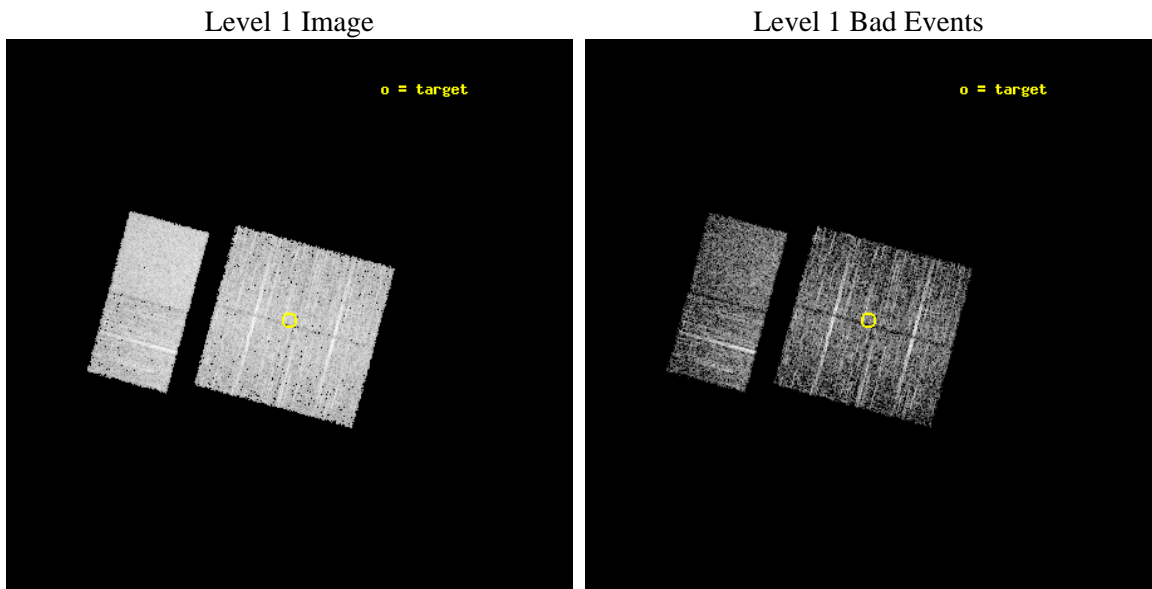
seq_num	200398	Sequence number
obs_id	6424	Observation id
title	Young Stars and Protoplanetary Disks in The Rich Cometary Globule CG 12	Proposal title
observer	Dr. Konstantin Getman	Principal investigator
object	CG 12	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	209.429583	Observer's specified target RA [deg]
dec_targ	-39.7125	Observer's specified target Dec [deg]
ra_nom	209.42864944374	Nominal RA [deg]
dec_nom	-39.717182481592	Nominal Dec [deg]
roll_nom	285.0502746358	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3167.9999881983	Sum of GTIs [s]
livetime	3127.8848648071	Livetime [s]
ontime0	3167.9999881983	Sum of GTIs [s]
ontime1	3167.9999881983	Sum of GTIs [s]
ontime2	3167.9999881983	Sum of GTIs [s]
ontime3	3167.9999881983	Sum of GTIs [s]
ontime6	3167.9999881983	Sum of GTIs [s]
ontime7	3167.9999881983	Sum of GTIs [s]
l2events	30793	Number of level 2 events



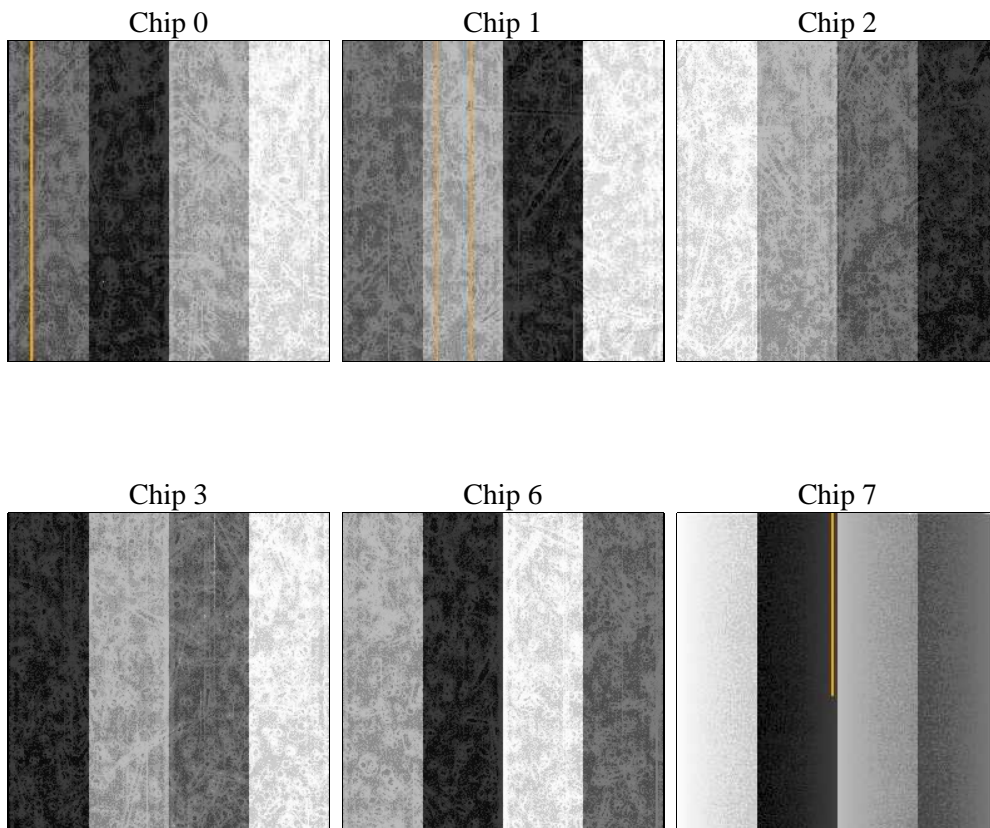
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	3167.9999881983	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	3167.9999881983	Sum of GTIs [s]
date	2012-04-02T19:18:37	Date and time of file creation	ontime1	3167.9999881983	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3167.9999881983	Sum of GTIs [s]
			ontime3	3167.9999881983	Sum of GTIs [s]
			ontime6	3167.9999881983	Sum of GTIs [s]
			ontime7	3167.9999881983	Sum of GTIs [s]
			l1events	204175	Number of level 1 events

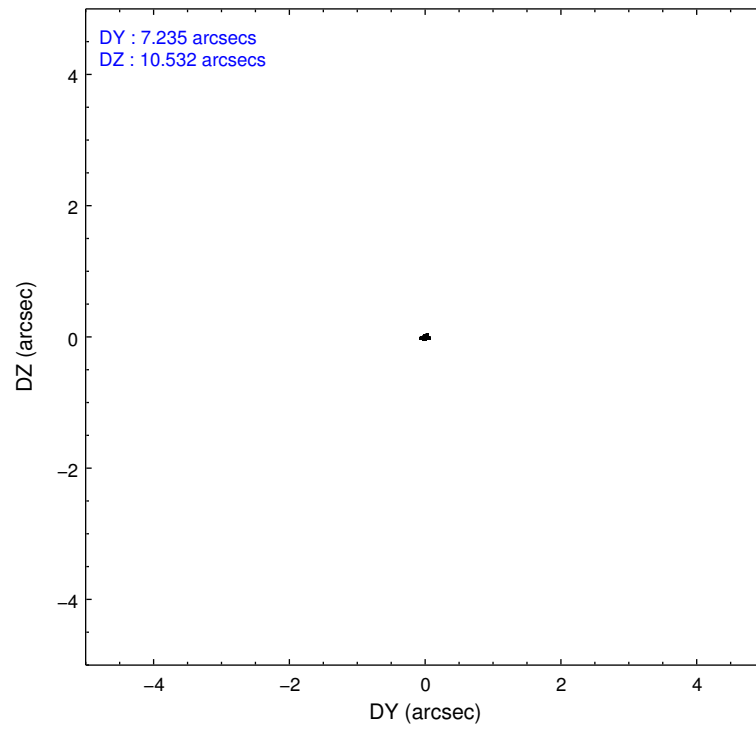
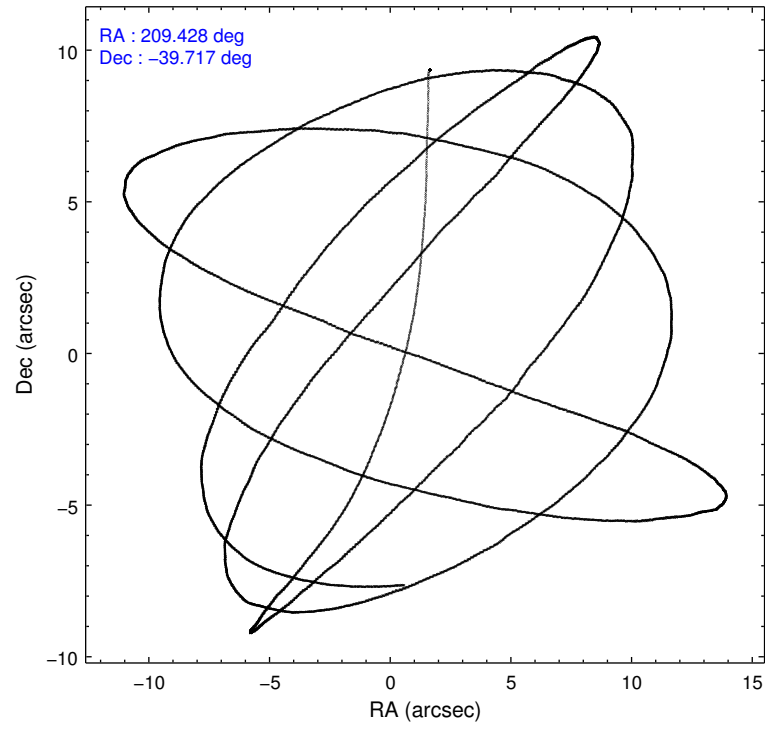
2.1.4 Events

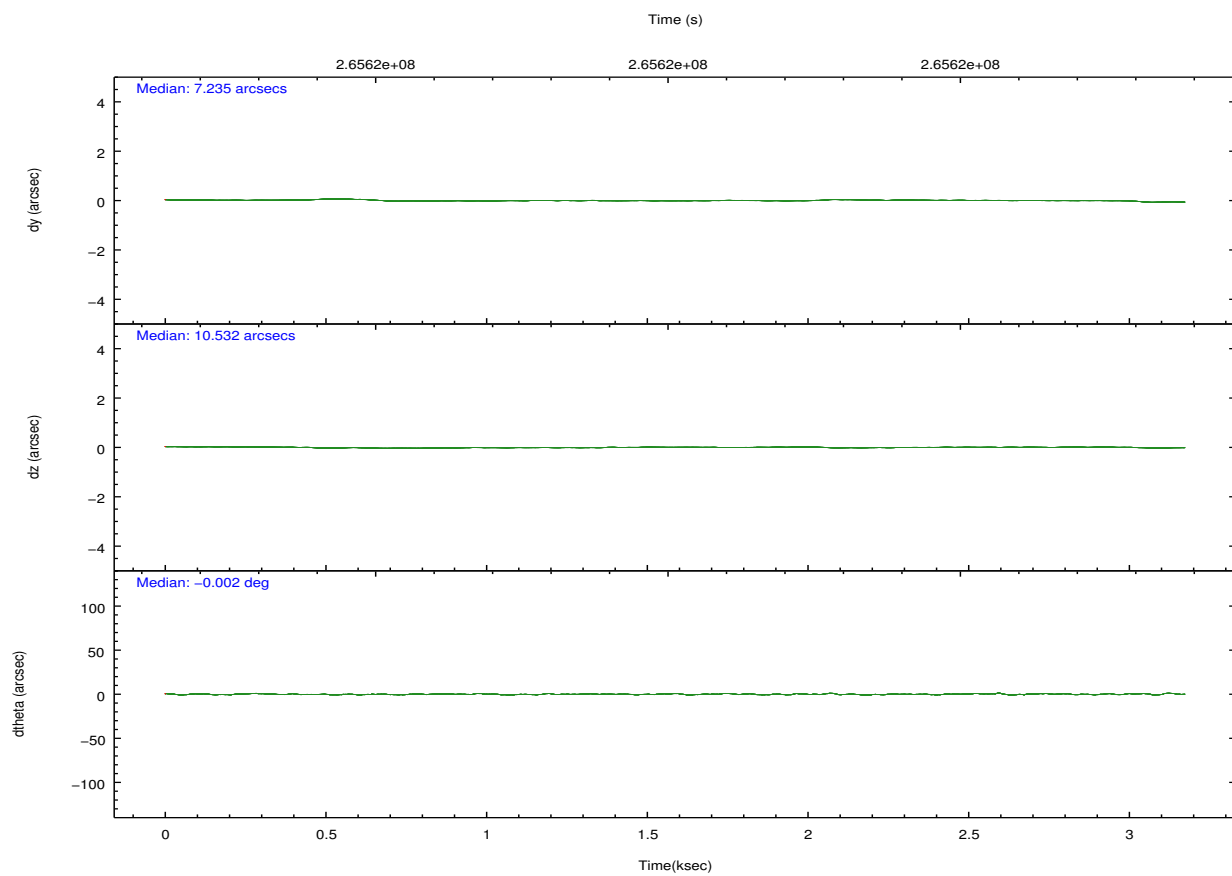
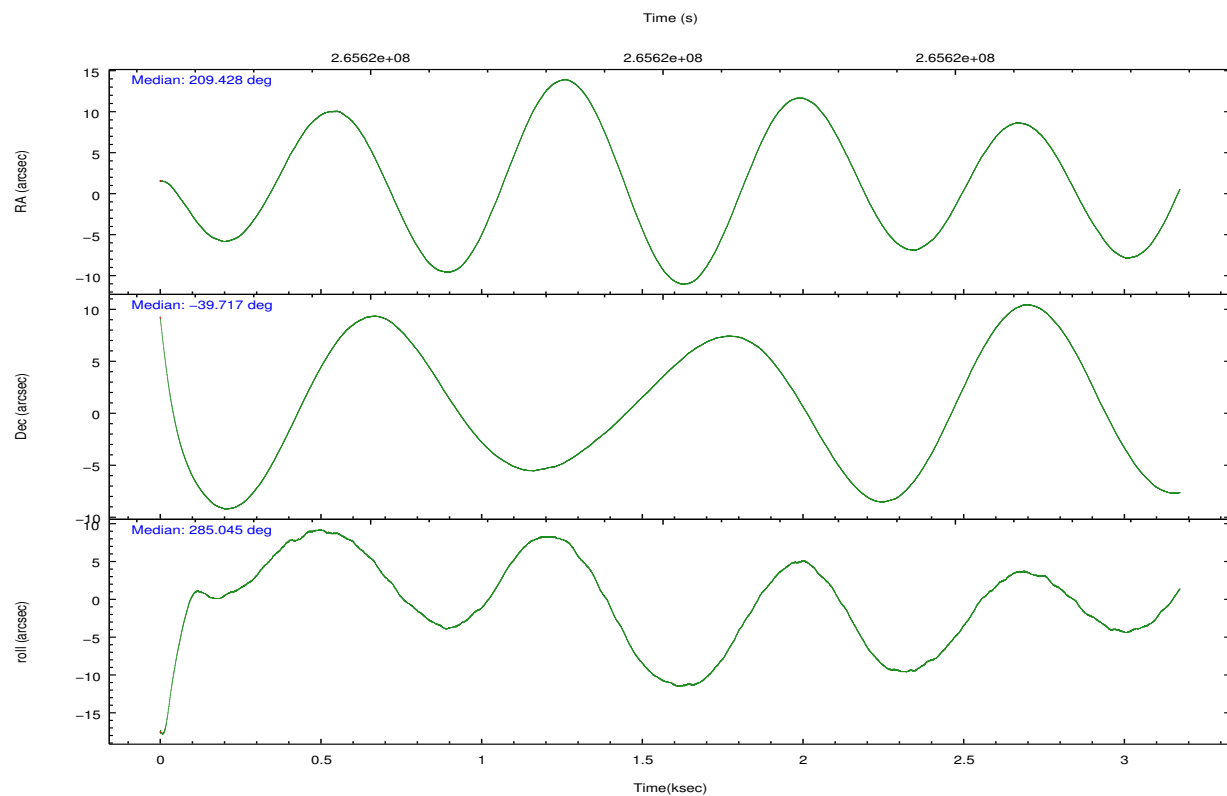
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	31103	31365	32815	31638	33067	44187	grade 0 events	1785	1688	1756	1721	1551	1705
rejected events	27633	27740	29461	28225	29680	28003		5%	5%	5%	5%	4%	3%
rejected %	88%	88%	89%	89%	89%	63%	grade 1 events	17	22	19	24	9	49
								0%	0%	0%	0%	0%	0%
							grade 2 events	798	881	780	772	796	3837
								2%	2%	2%	2%	2%	8%
							grade 3 events	360	389	328	373	372	1629
								1%	1%	0%	1%	1%	3%
							grade 4 events	357	390	346	399	362	1594
								1%	1%	1%	1%	1%	3%
							grade 5 events	1284	1386	1244	1481	1517	4165
								4%	4%	3%	4%	4%	9%
							grade 6 events	688	816	624	644	806	9744
								2%	2%	1%	2%	2%	22%
							grade 7 events	25814	25793	27718	26224	27654	21464
								82%	82%	84%	82%	83%	48%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	209.403471	209.4286494437432	Subarray requested	NONE	NONE
[deg] Pointing Dec	-39.697823	-39.71718248159181	Alternating exposures requested	N	N
[deg] Pointing Roll	284.825593	285.0502746358013	[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)	265621613.184000	265620309.99061			
Observation start date	2006-06-02T07:45:48	2006-06-02T07:25:09			
[s] Observation end time (MET)	265624613.184000	265625727.11586			
Observation end date	2006-06-02T08:35:48	2006-06-02T08:55:27			
Read mode	TIMED	TIMED			

2.3 Aspect



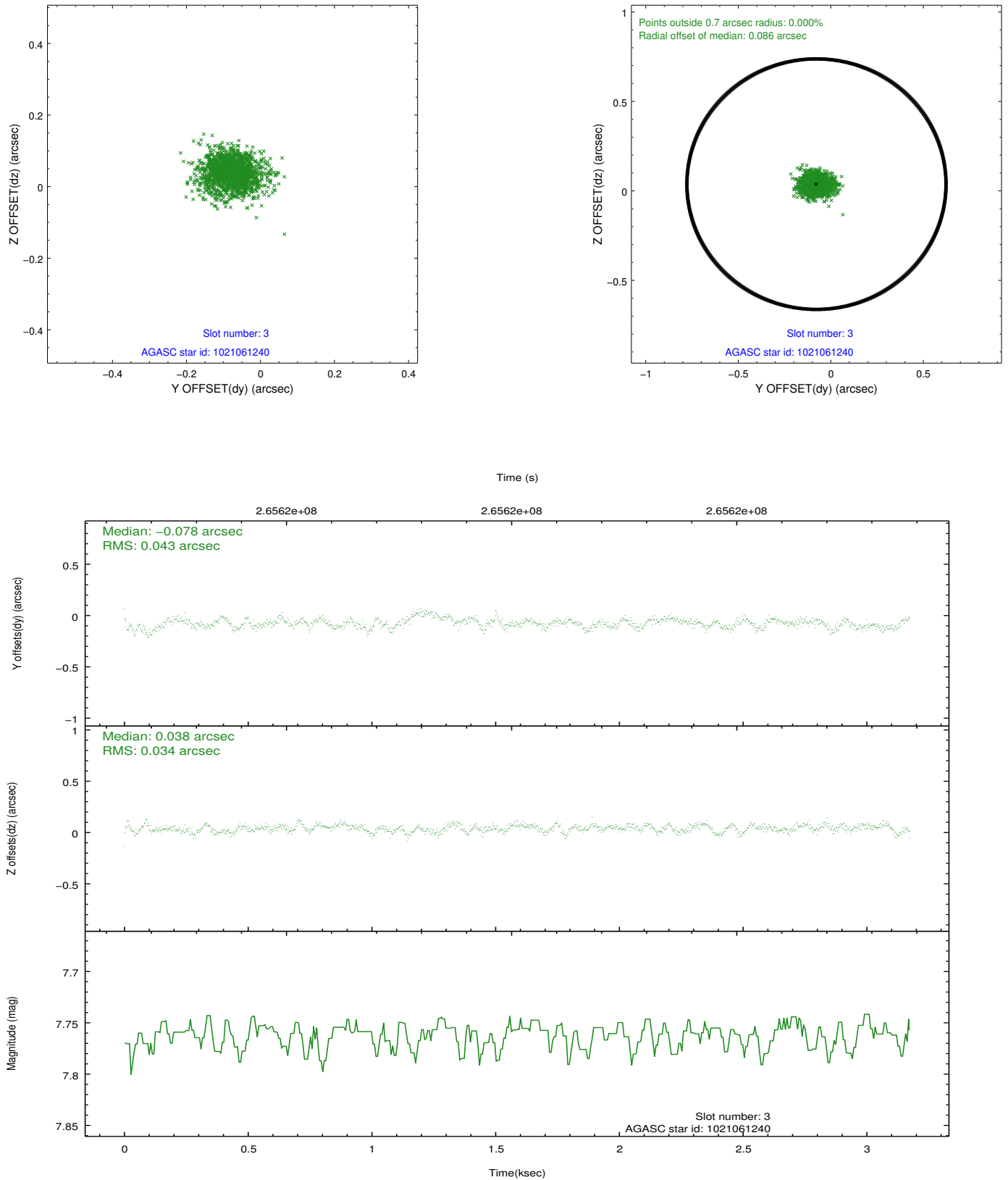


Slot Statistics

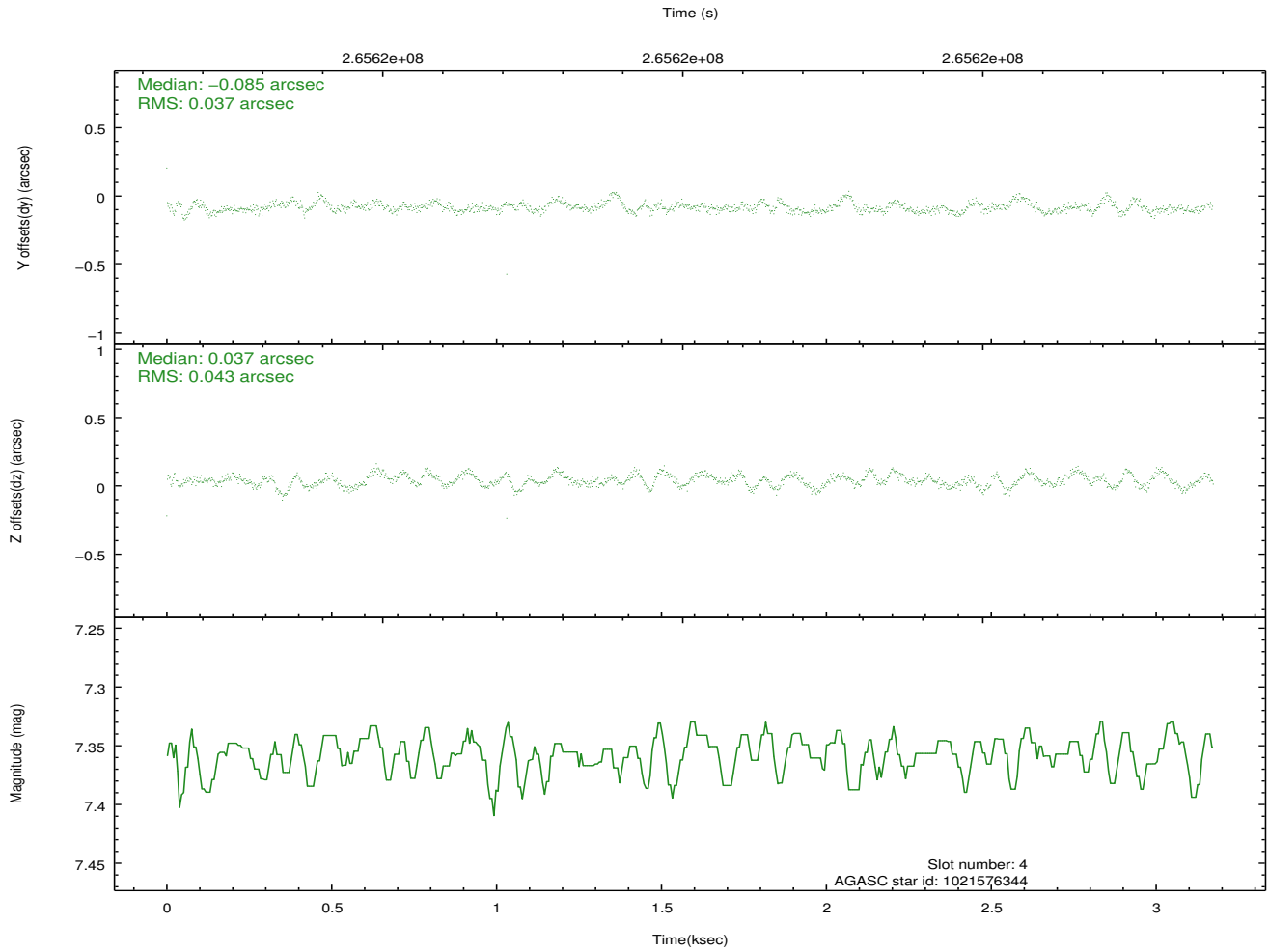
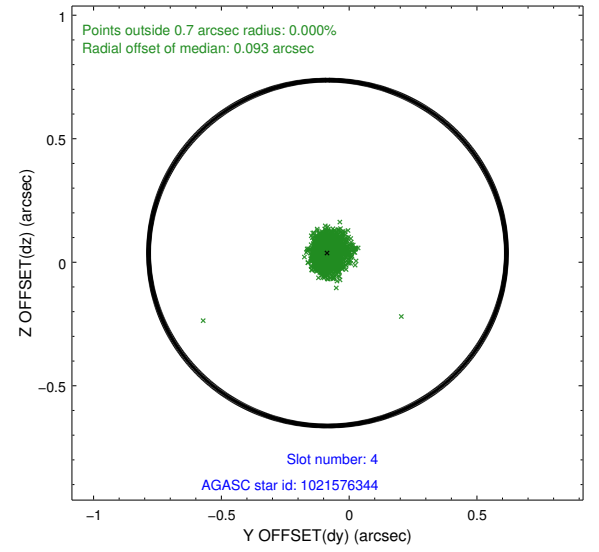
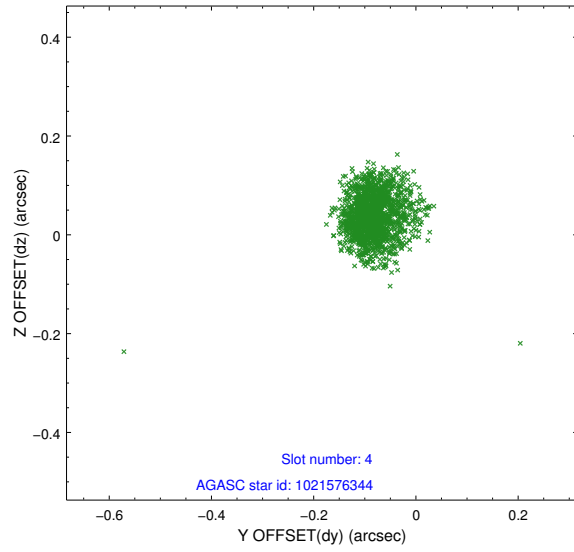
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	775	0.031	-0.032	0.007	0.012	0.000000	0.000000	932.46	-834.05
1	FID	ACIS-I-5	7.23	775	-0.171	0.041	0.007	0.011	0.000000	0.000000	-1814.72	1062.52
2	FID	ACIS-I-6	7.25	775	0.049	0.062	0.007	0.011	0.000000	0.000000	395.86	1709.31
3	GUIDE	1021061240	7.76	1549	-0.078	0.038	0.057	0.097	209.442393	-39.334252	-1237.54	439.85
4	GUIDE	1021576344	7.36	1549	-0.085	0.037	0.058	0.093	208.993717	-39.409695	-1292.61	-836.27
5	GUIDE	1021583888	7.68	1549	-0.040	0.122	0.055	0.087	209.938220	-39.924265	1169.16	1217.58
6	GUIDE	1022773704	8.78	1547	0.095	-0.106	0.086	0.133	210.099663	-39.355686	-686.90	2187.83
7	GUIDE	1021582624	9.30	1543	0.102	-0.093	0.105	0.170	208.737379	-40.357143	1833.59	-2373.56

2.4 Star Slots

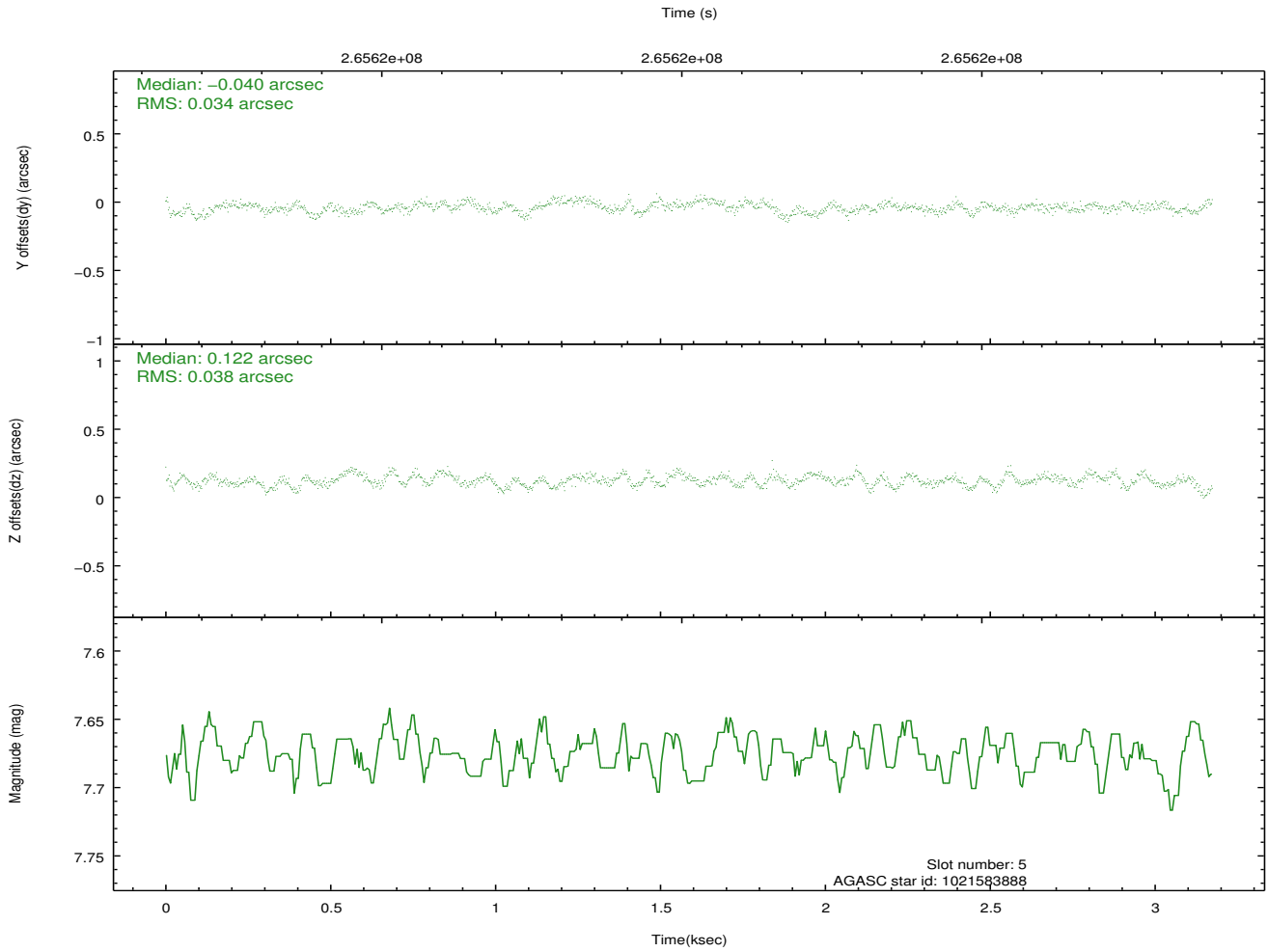
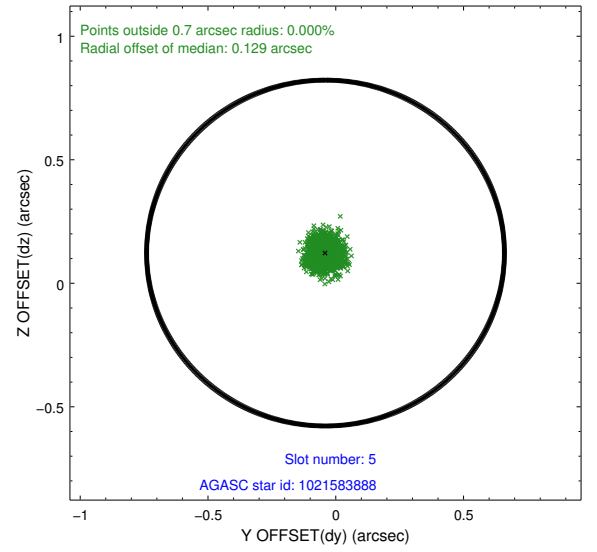
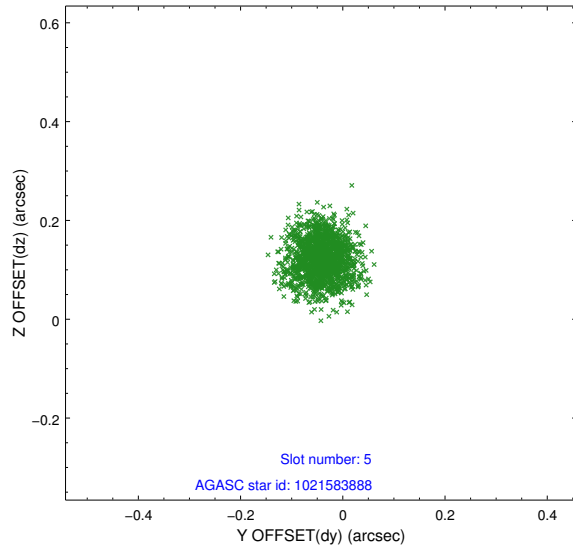
2.4.1 Slot 3



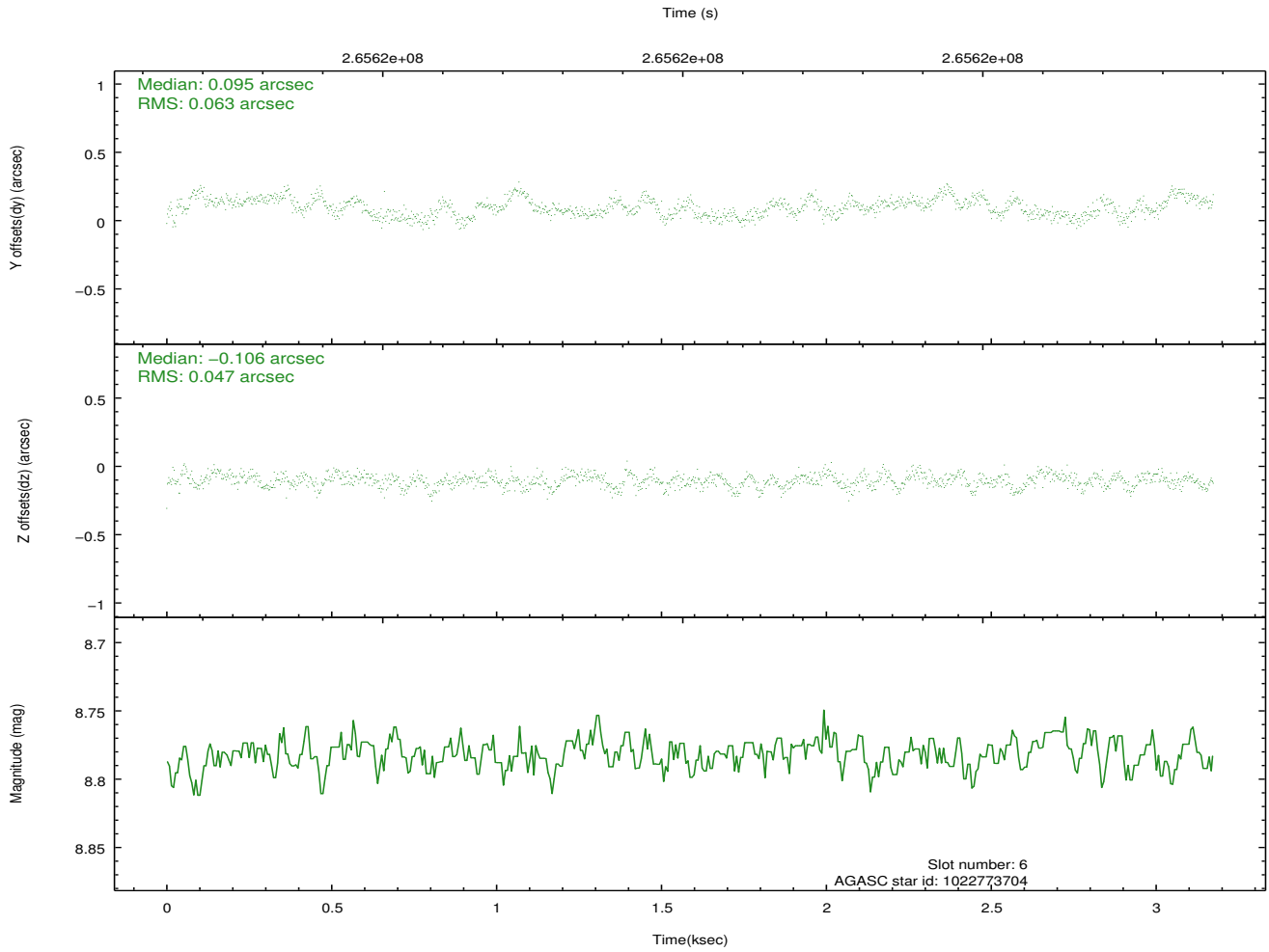
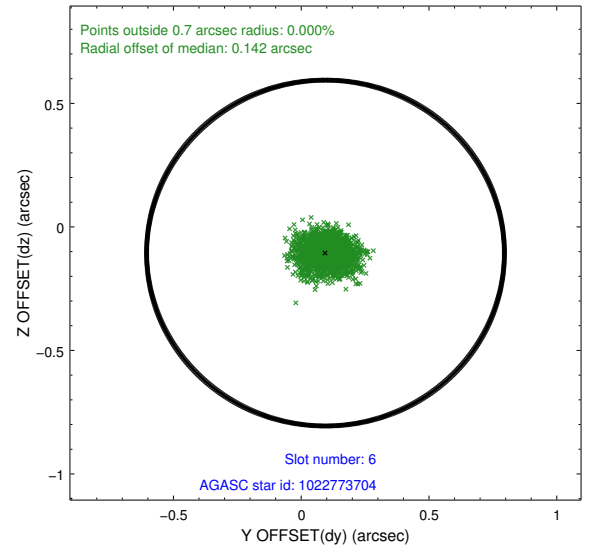
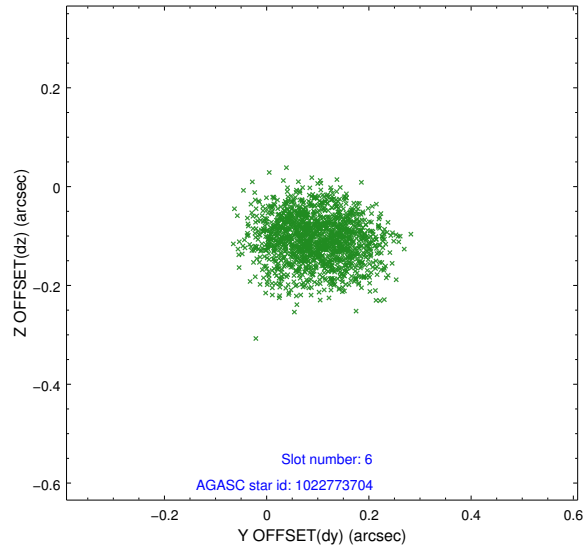
2.4.2 Slot 4



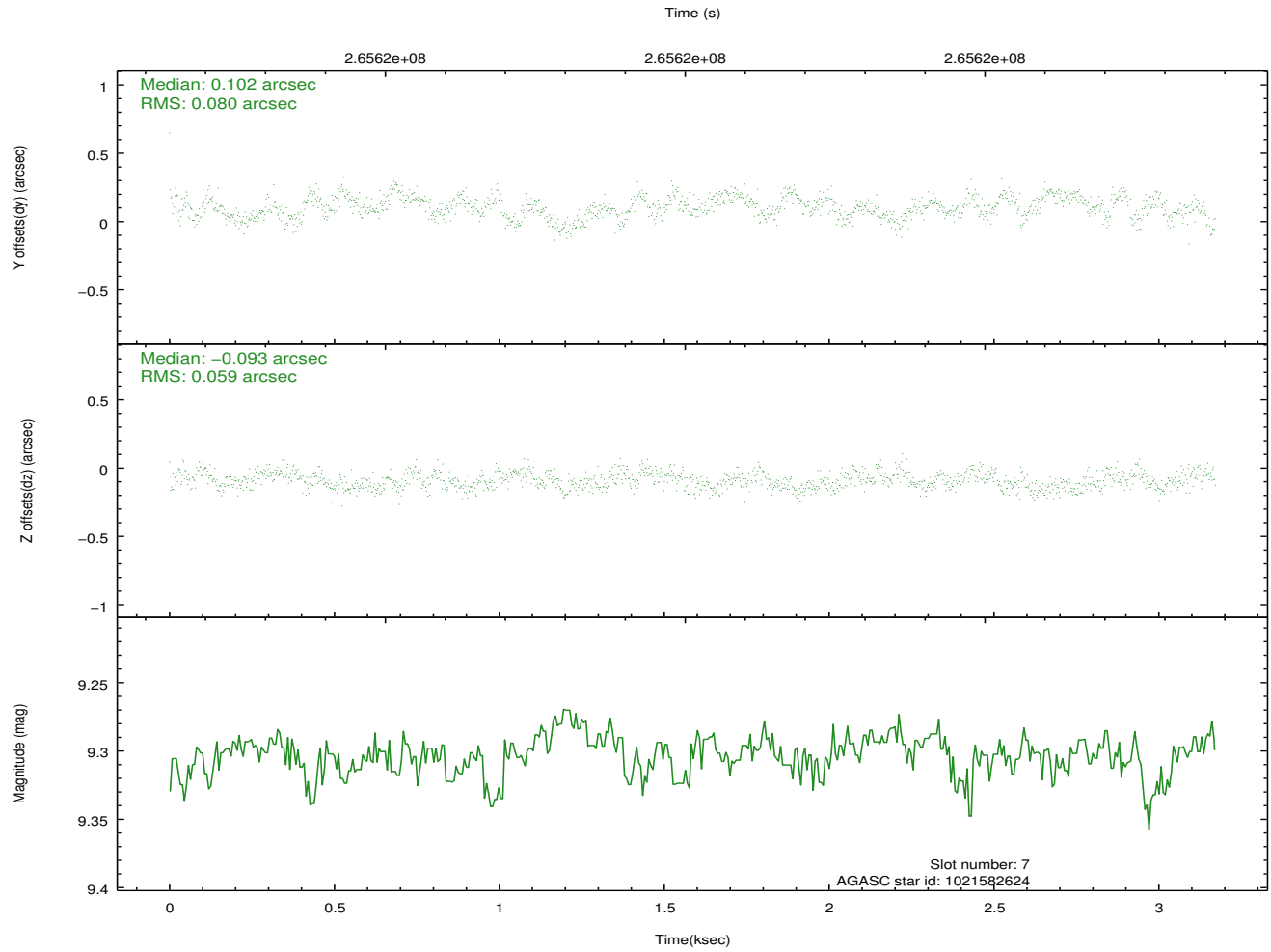
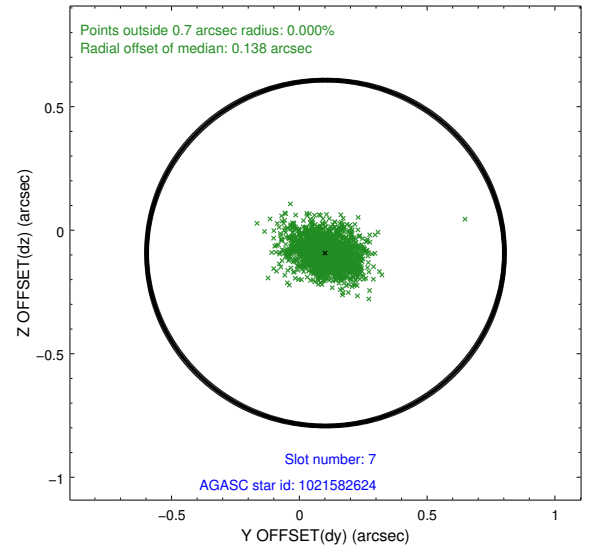
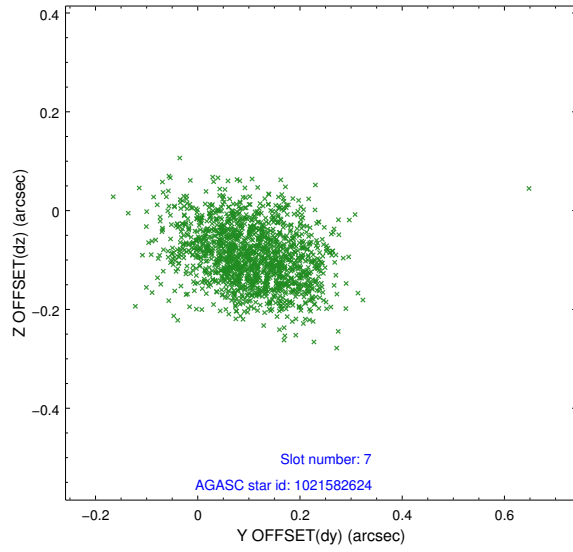
2.4.3 Slot 5



2.4.4 Slot 6

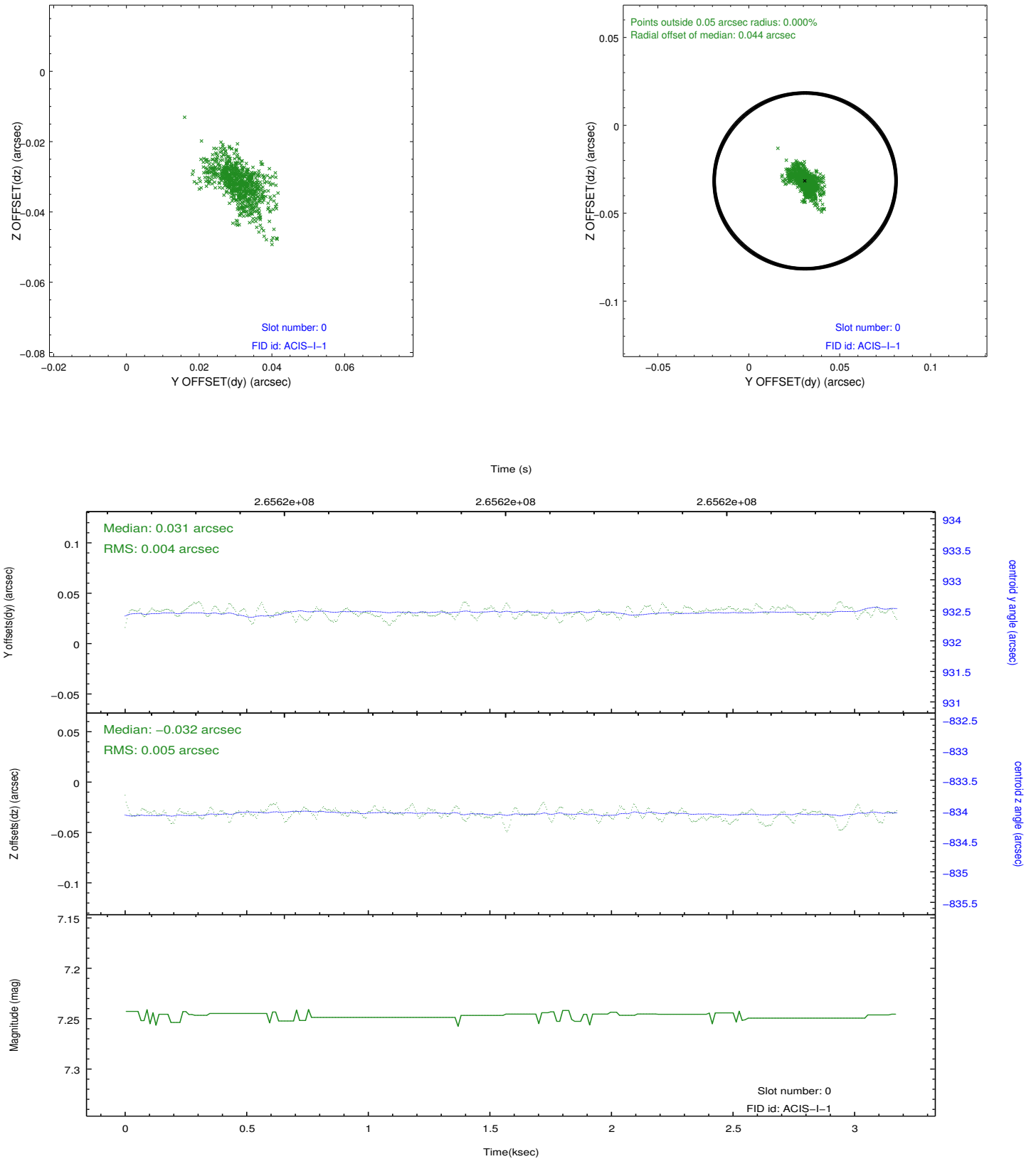


2.4.5 Slot 7

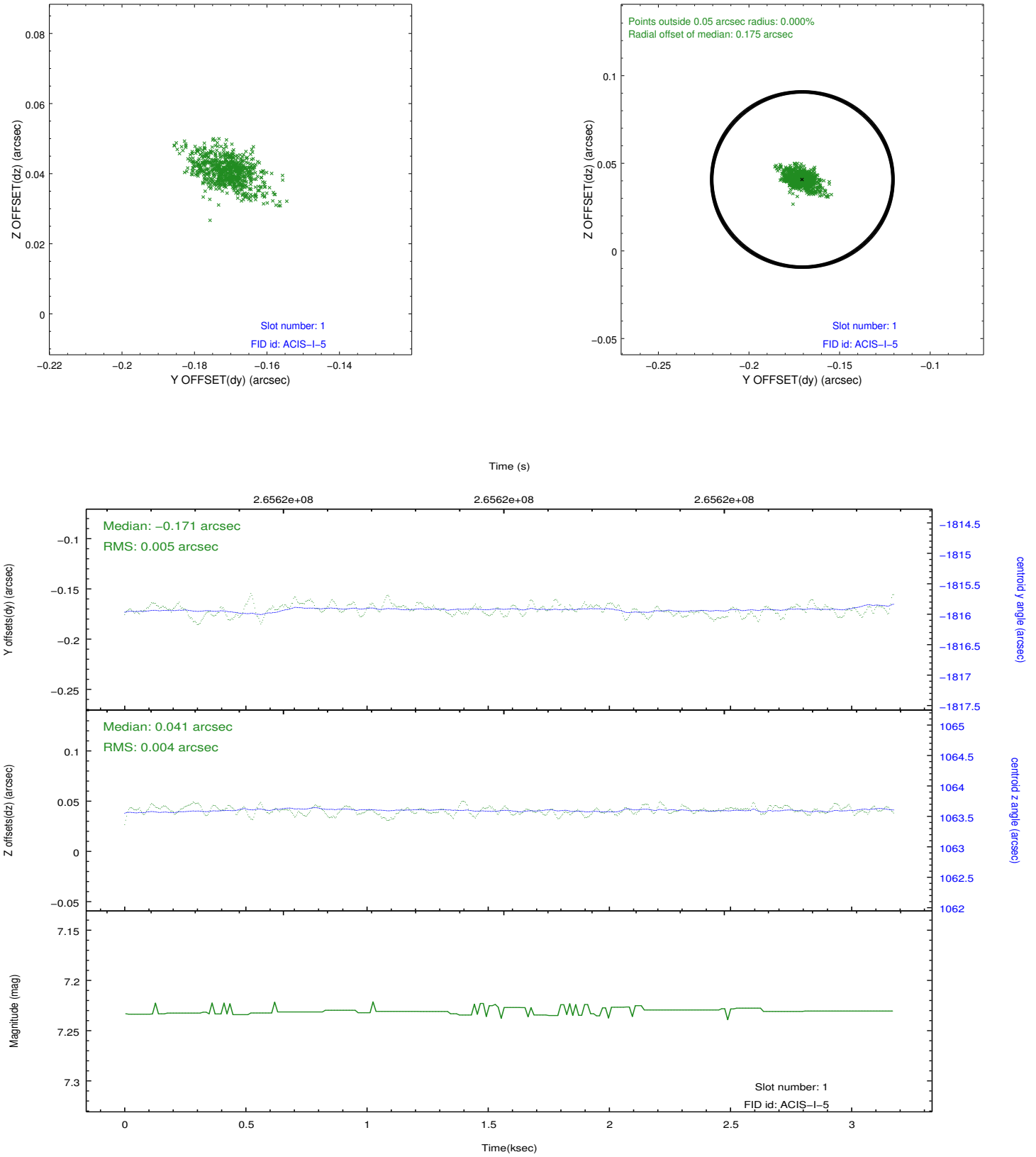


2.5 FID Slots

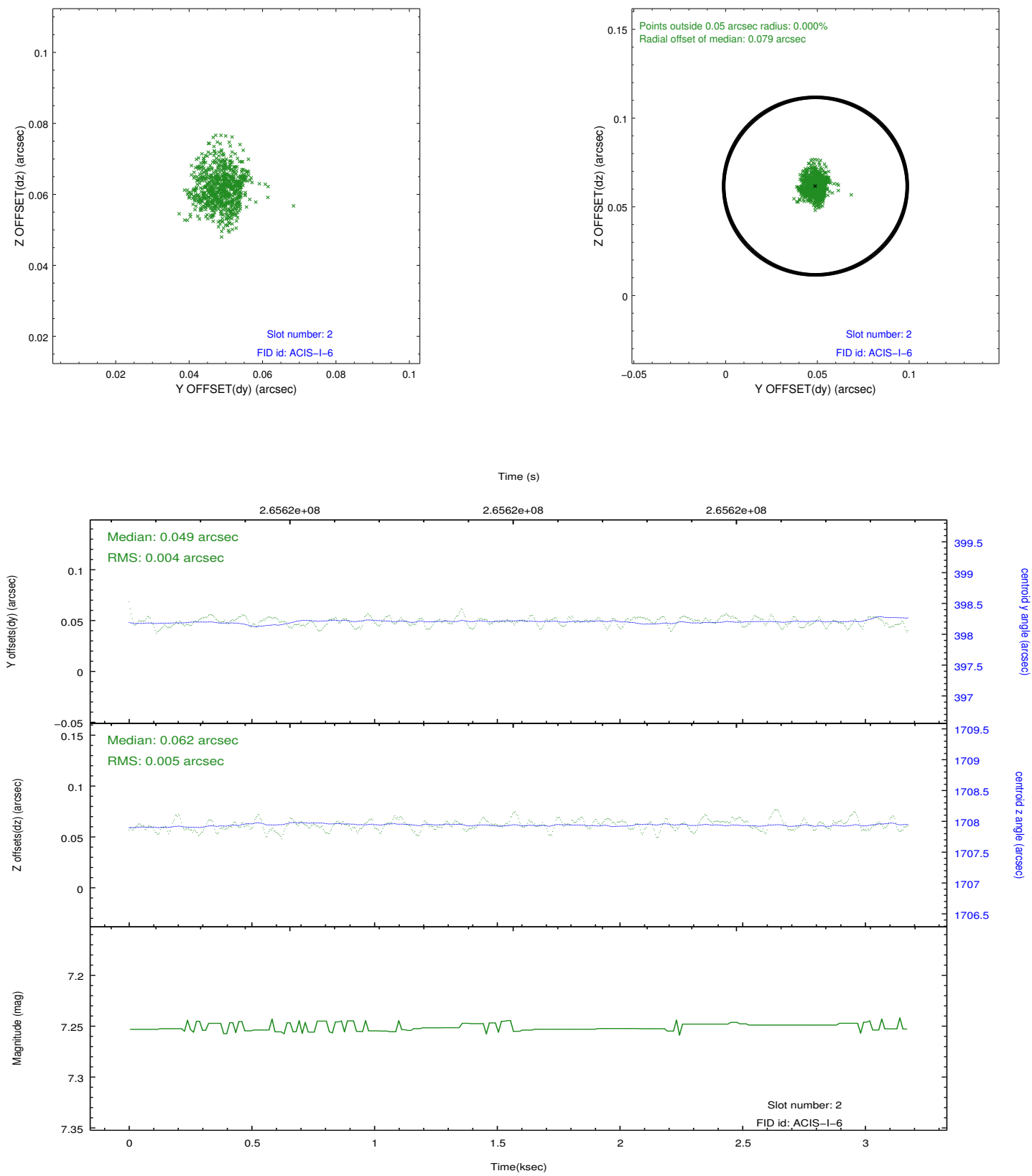
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.04.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.16799998

A.2 Comments