

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 7117 - L2 Version 2
Chandra X-Ray Center

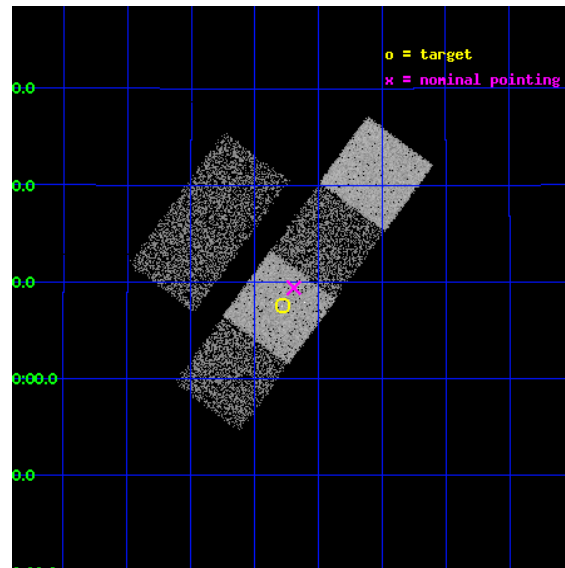
L2 Processing Date : Mar 27 2012

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1 Front

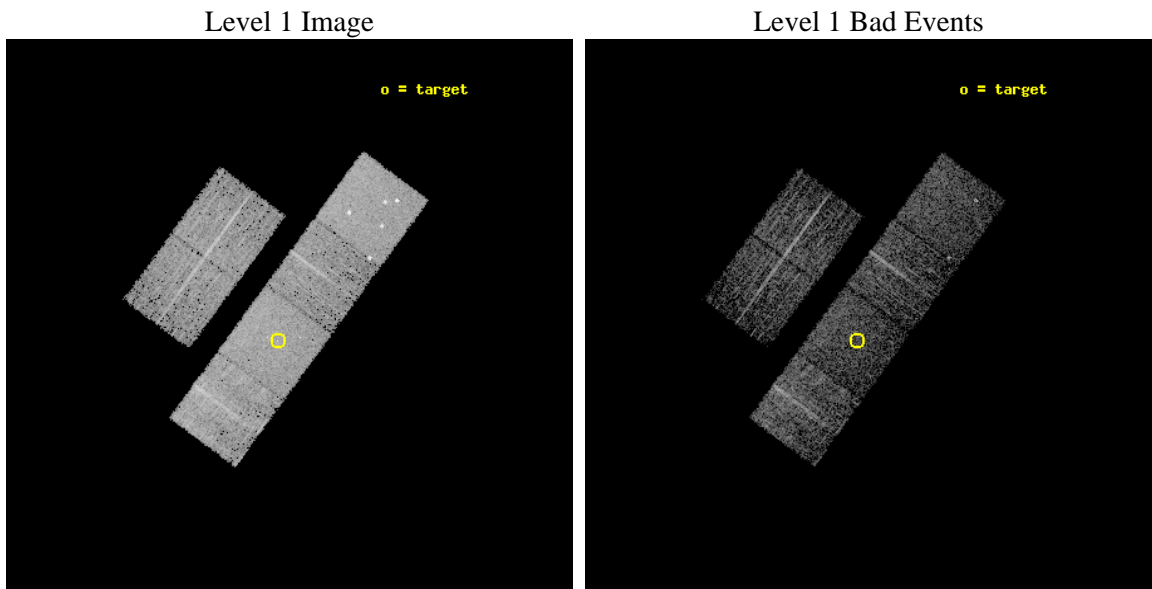
seq_num	600555	Sequence number
obs_id	7117	Observation id
title	A Complete Sample of ULX Host Galaxies	Proposal title
observer	Douglas Swartz	Principal investigator
object	NGC 4670	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	191.32125	Observer's specified target RA [deg]
dec_targ	27.125611	Observer's specified target Dec [deg]
ra_nom	191.29806941276	Nominal RA [deg]
dec_nom	27.156869220899	Nominal Dec [deg]
roll_nom	126.24040117672	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2665.5999900699	Sum of GTIs [s]
livetime	2631.846557964	Livetime [s]
ontime2	2665.5999900699	Sum of GTIs [s]
ontime3	2665.5999900699	Sum of GTIs [s]
ontime5	2665.5999900699	Sum of GTIs [s]
ontime6	2665.5999900699	Sum of GTIs [s]
ontime7	2665.5999900699	Sum of GTIs [s]
ontime8	2662.358989805	Sum of GTIs [s]
l2events	38945	Number of level 2 events



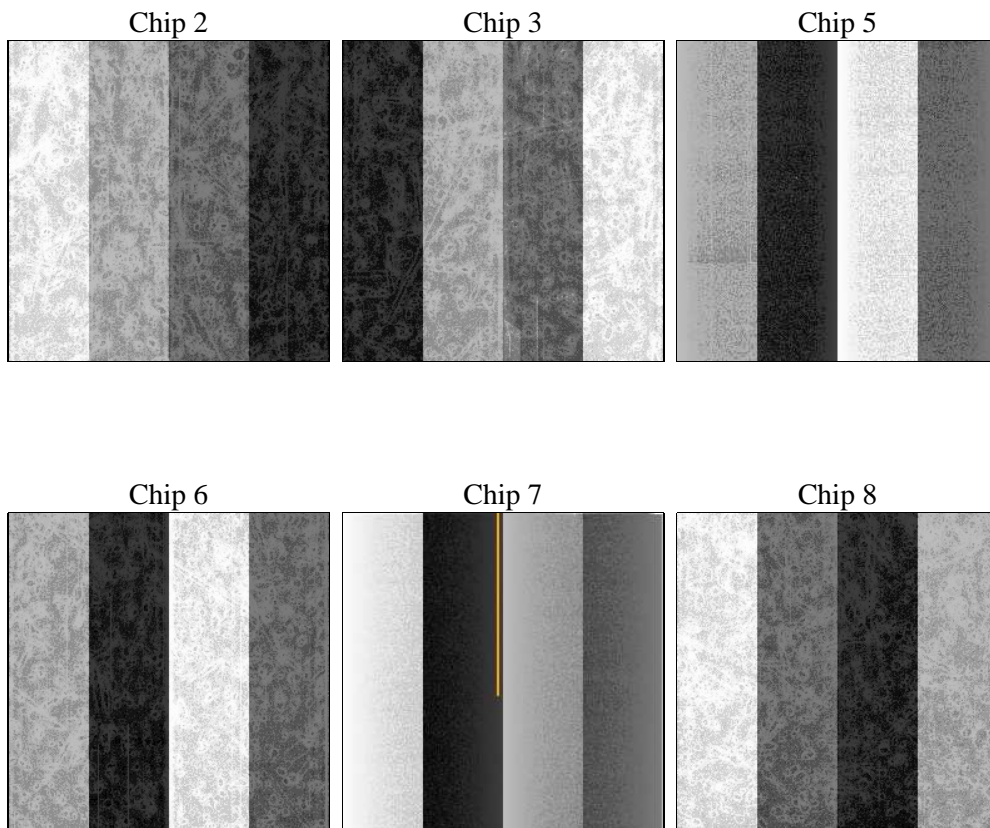
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2912.042000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	2665.5999900699	Sum of GTIs [s]
caldbver	4.4.8	 	ontime2	2665.5999900699	Sum of GTIs [s]
date	2012-03-27T03:27:58	Date and time of file creation	ontime3	2665.5999900699	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	2665.5999900699	Sum of GTIs [s]
			ontime6	2665.5999900699	Sum of GTIs [s]
			ontime7	2665.5999900699	Sum of GTIs [s]
			ontime8	2662.358989805	Sum of GTIs [s]
			l1events	172953	Number of level 1 events

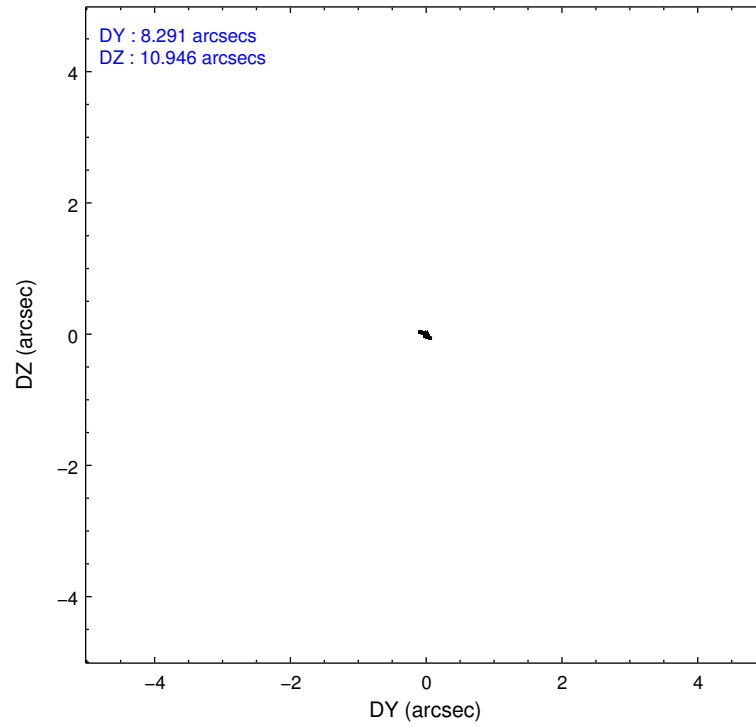
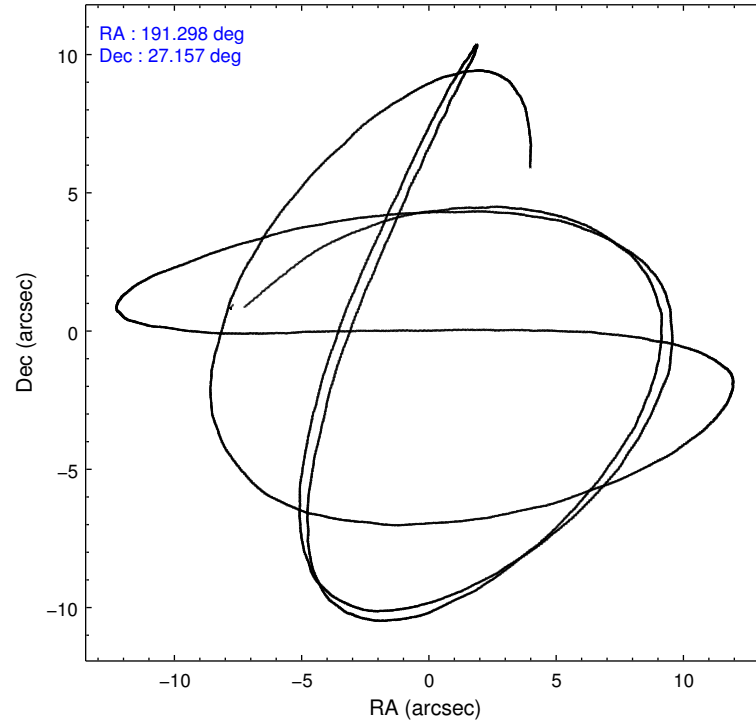
2.1.4 Events

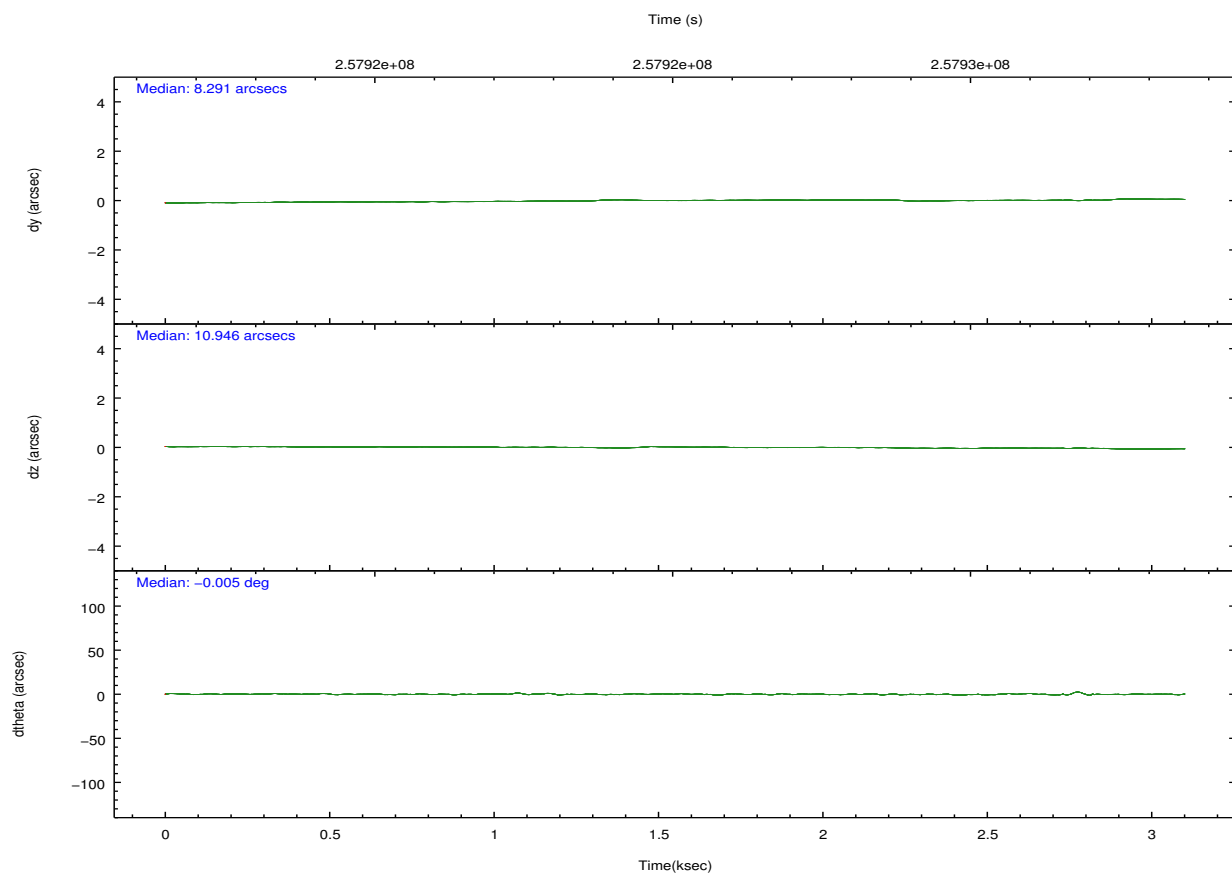
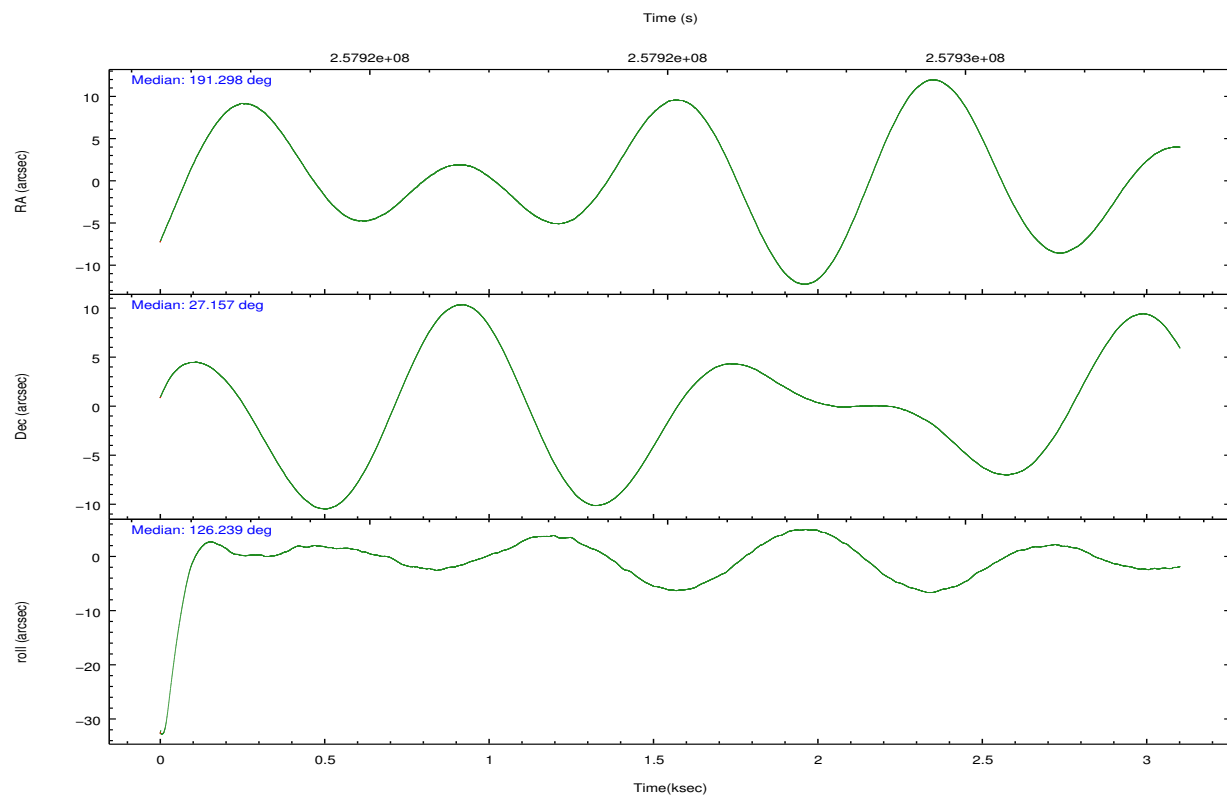
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	24774	21710	37768	23320	32117	33264	grade 0 events	1334	1363	3167	1262	1262	2263
rejected events	21837	18835	19165	20330	18579	26521		5%	6%	8%	5%	3%	6%
rejected %	88%	86%	50%	87%	57%	79%	grade 1 events	17	19	230	9	33	36
								0%	0%	0%	0%	0%	0%
							grade 2 events	591	531	5118	613	2794	1493
								2%	2%	13%	2%	8%	4%
							grade 3 events	281	250	632	294	1148	639
								1%	1%	1%	1%	3%	1%
							grade 4 events	256	255	595	263	1185	622
								1%	1%	1%	1%	3%	1%
							grade 5 events	879	1030	2555	1052	3022	1418
								3%	4%	6%	4%	9%	4%
							grade 6 events	478	480	9112	564	7164	1737
								1%	2%	24%	2%	22%	5%
							grade 7 events	20938	17782	16359	19263	15509	25056
								84%	81%	43%	82%	48%	75%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-235678	ACIS-235678	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	191.326220	191.2980694127574	Subarray requested	NONE	NONE
[deg] Pointing Dec	27.146155	27.15686922089853	Alternating exposures requested	N	N
[deg] Pointing Roll	126.071097	126.2404011767201	[s] Primary exposure time	0.000000	3.2
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	257923646.184000	257922966.04441			
Observation start date	2006-03-05T05:26:21	2006-03-05T05:16:06			
[s] Observation end time (MET)	257926558.184000	257926783.65709			
Observation end date	2006-03-05T06:14:53	2006-03-05T06:19:43			
Read mode	TIMED	TIMED			

2.3 Aspect



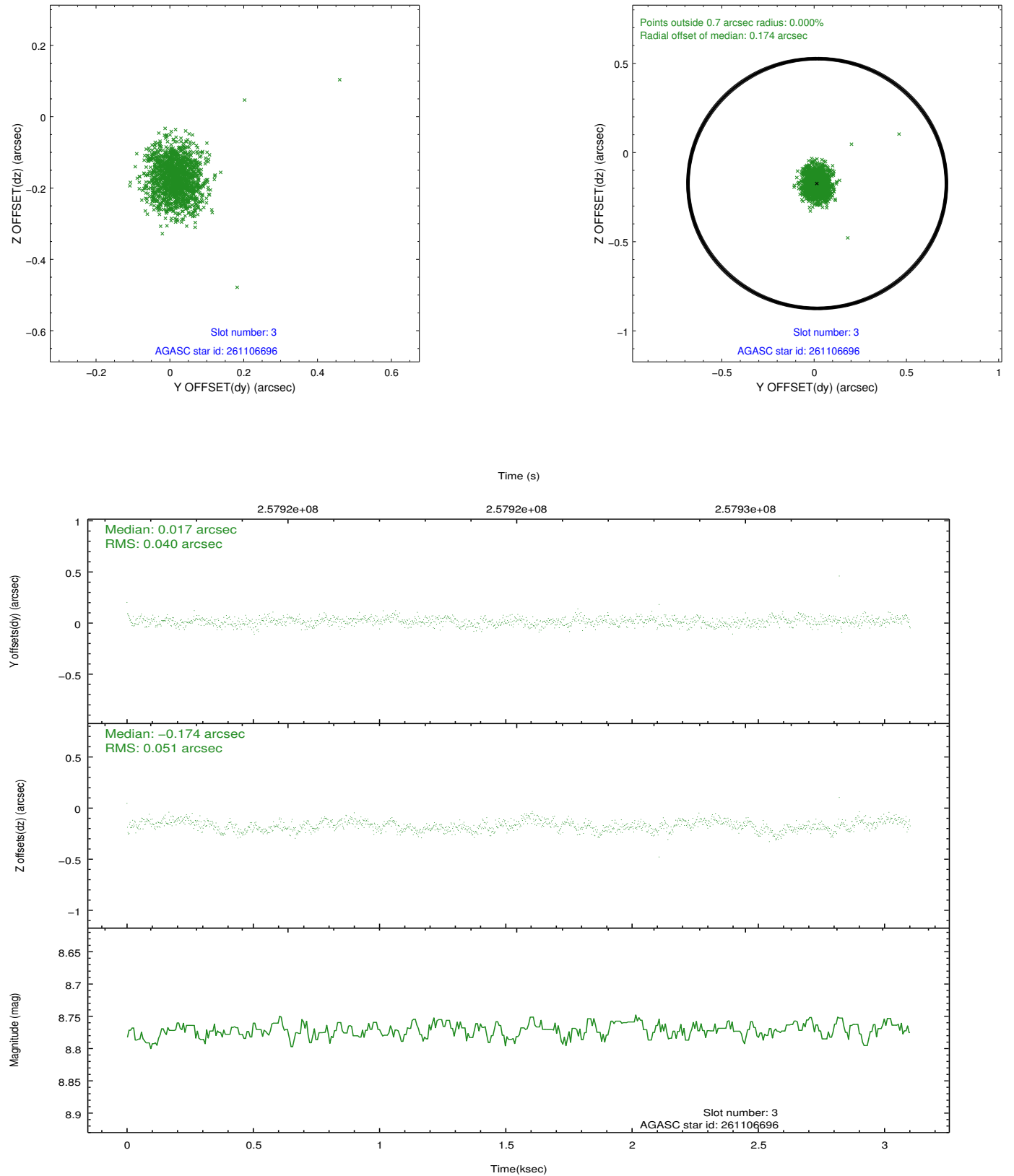


Slot Statistics

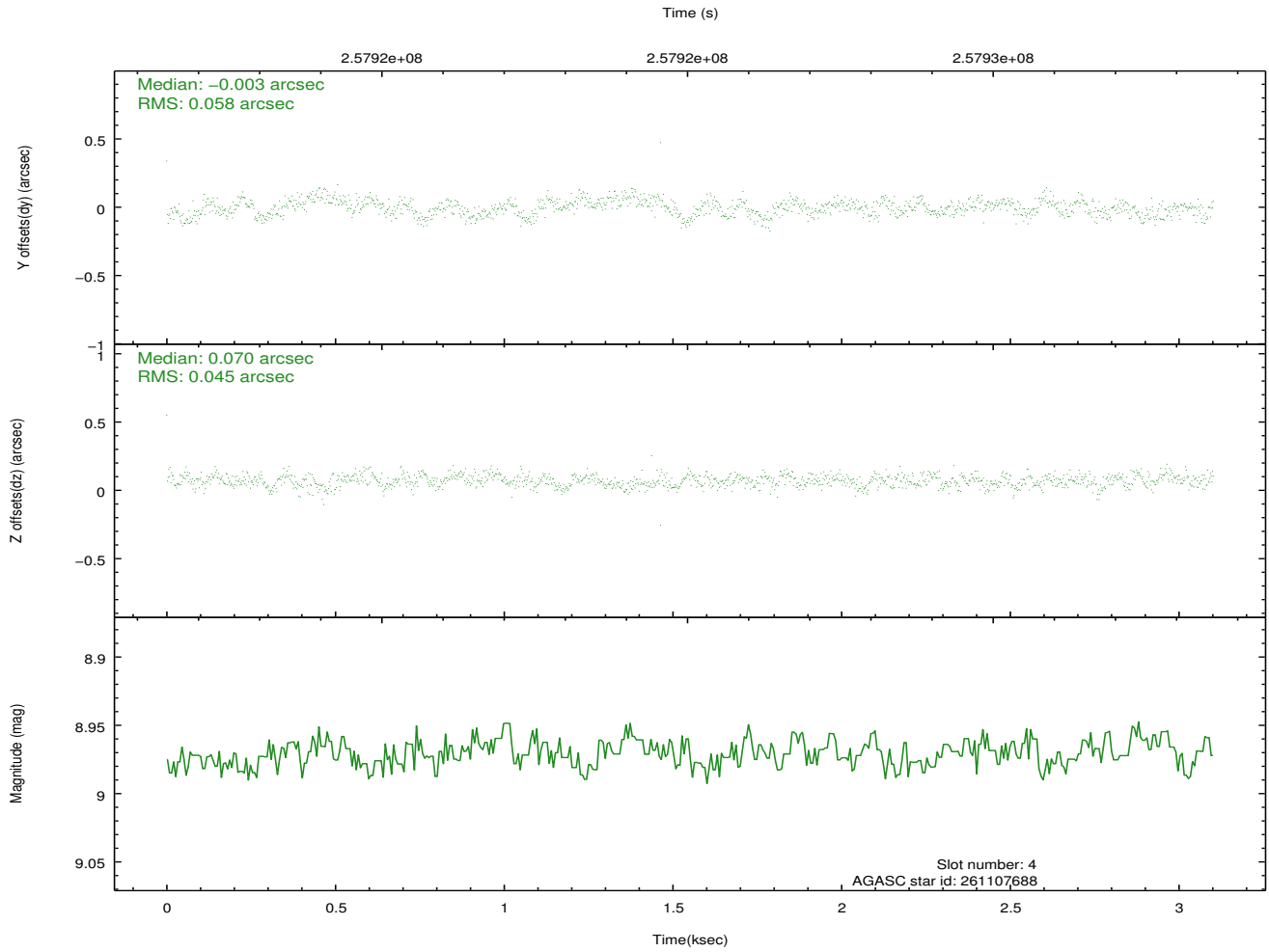
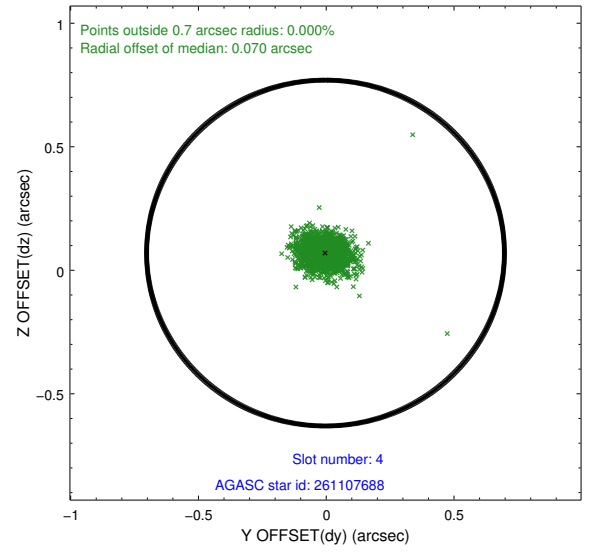
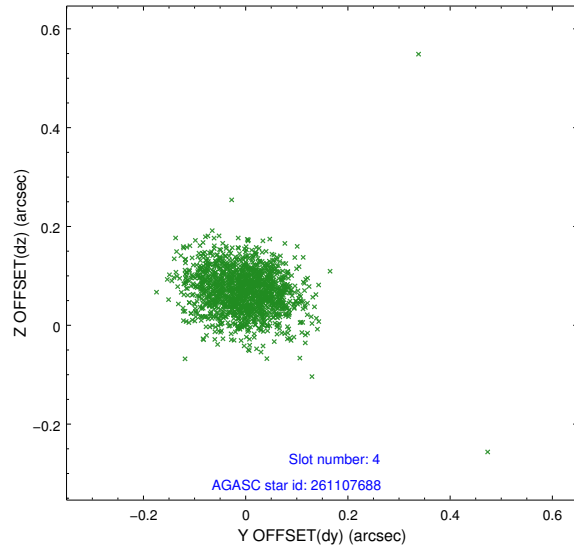
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	757	-0.044	-0.025	0.007	0.011	0.000000	0.000000	-761.07	-1732.20
1	FID	ACIS-S-4	7.21	757	0.136	0.028	0.006	0.013	0.000000	0.000000	2151.41	174.27
2	FID	ACIS-S-5	7.24	757	-0.124	0.006	0.007	0.013	0.000000	0.000000	-1811.39	170.17
3	GUIDE	261106696	8.77	1513	0.017	-0.174	0.067	0.107	190.997378	27.324905	1140.28	470.90
4	GUIDE	261107688	8.97	1514	-0.003	0.070	0.075	0.123	191.270109	27.747269	1856.06	-1128.75
5	GUIDE	261108520	7.86	1514	-0.046	0.078	0.053	0.084	191.404109	27.128951	-195.55	-165.57
6	GUIDE	261110000	7.97	1513	0.033	-0.017	0.069	0.105	192.012480	27.105810	-1407.63	-1695.30
7	GUIDE	261110400	7.29	1513	0.005	0.045	0.049	0.077	191.263867	27.393389	835.98	-363.51

2.4 Star Slots

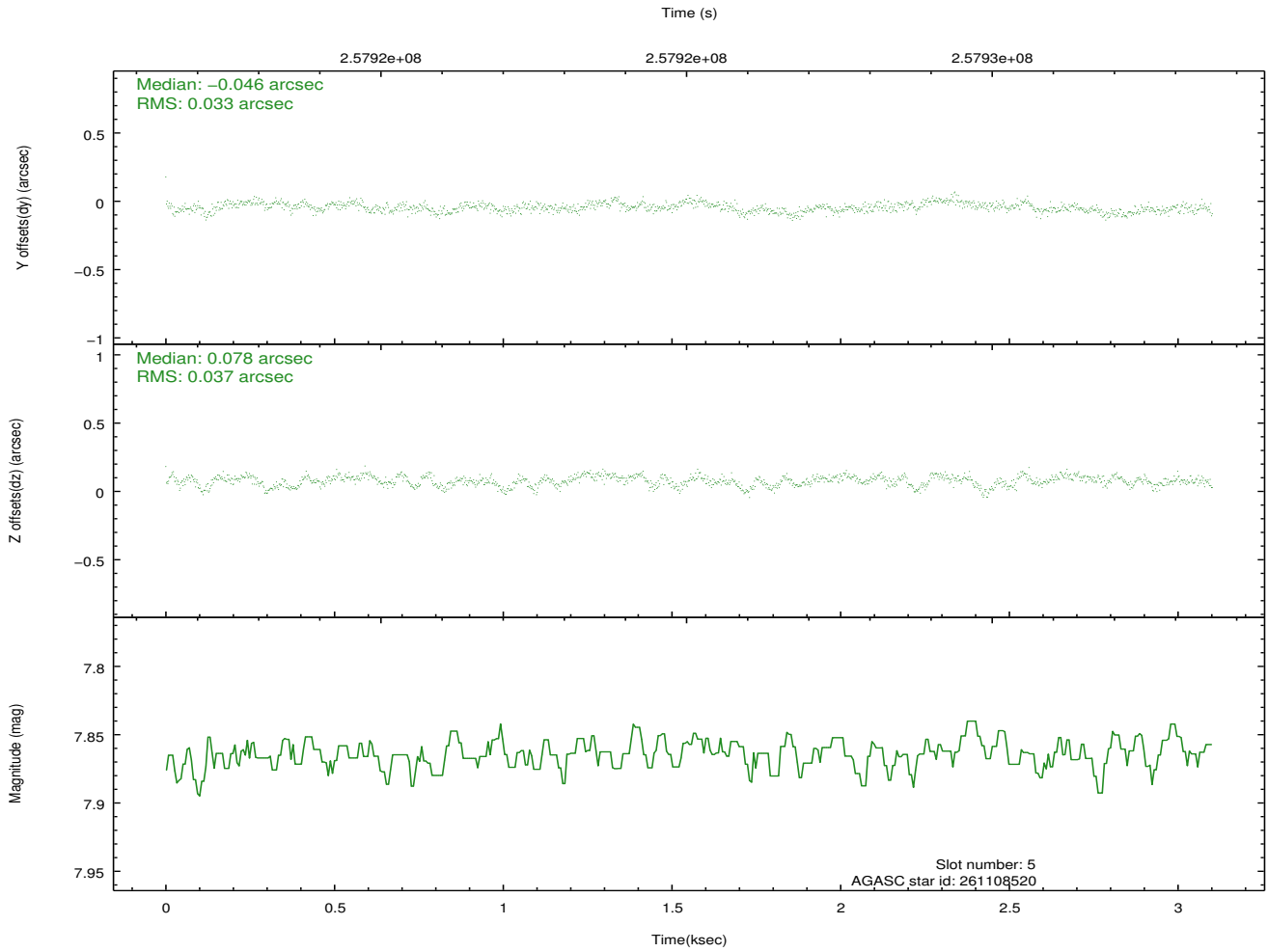
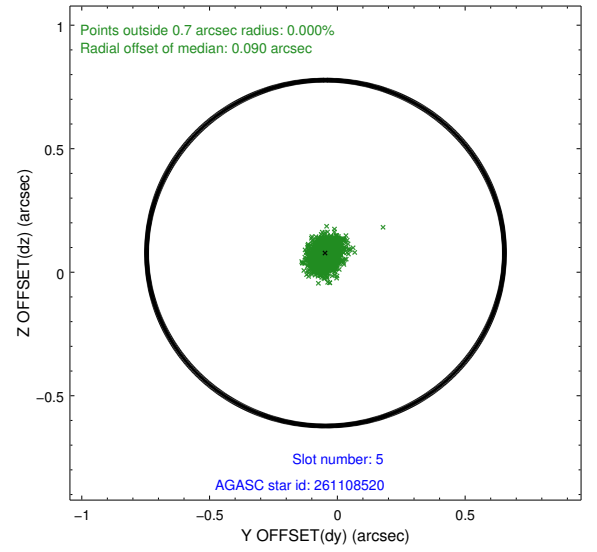
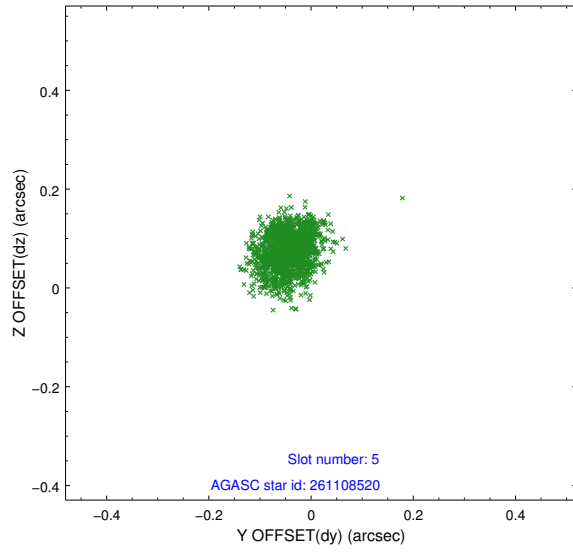
2.4.1 Slot 3



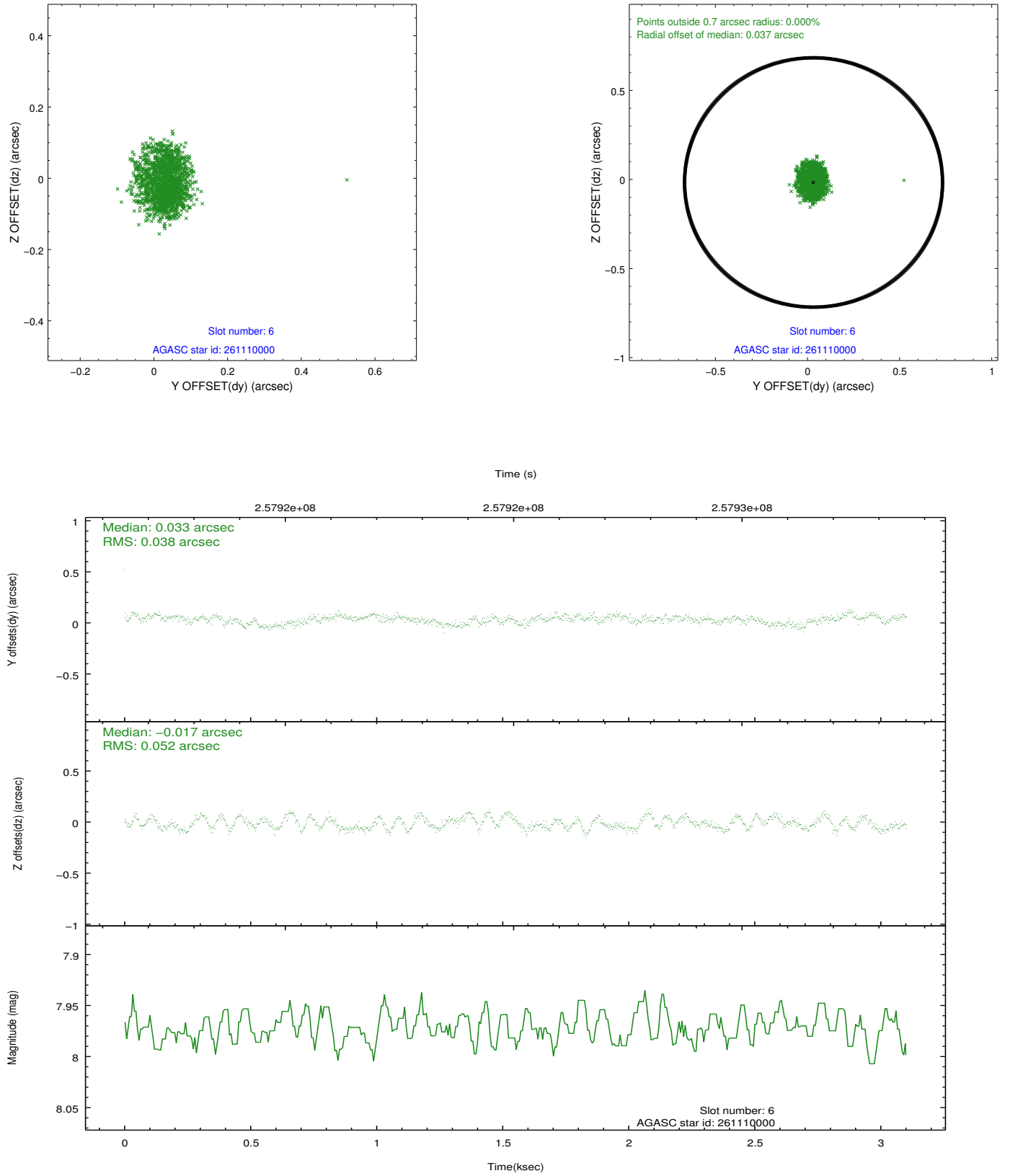
2.4.2 Slot 4



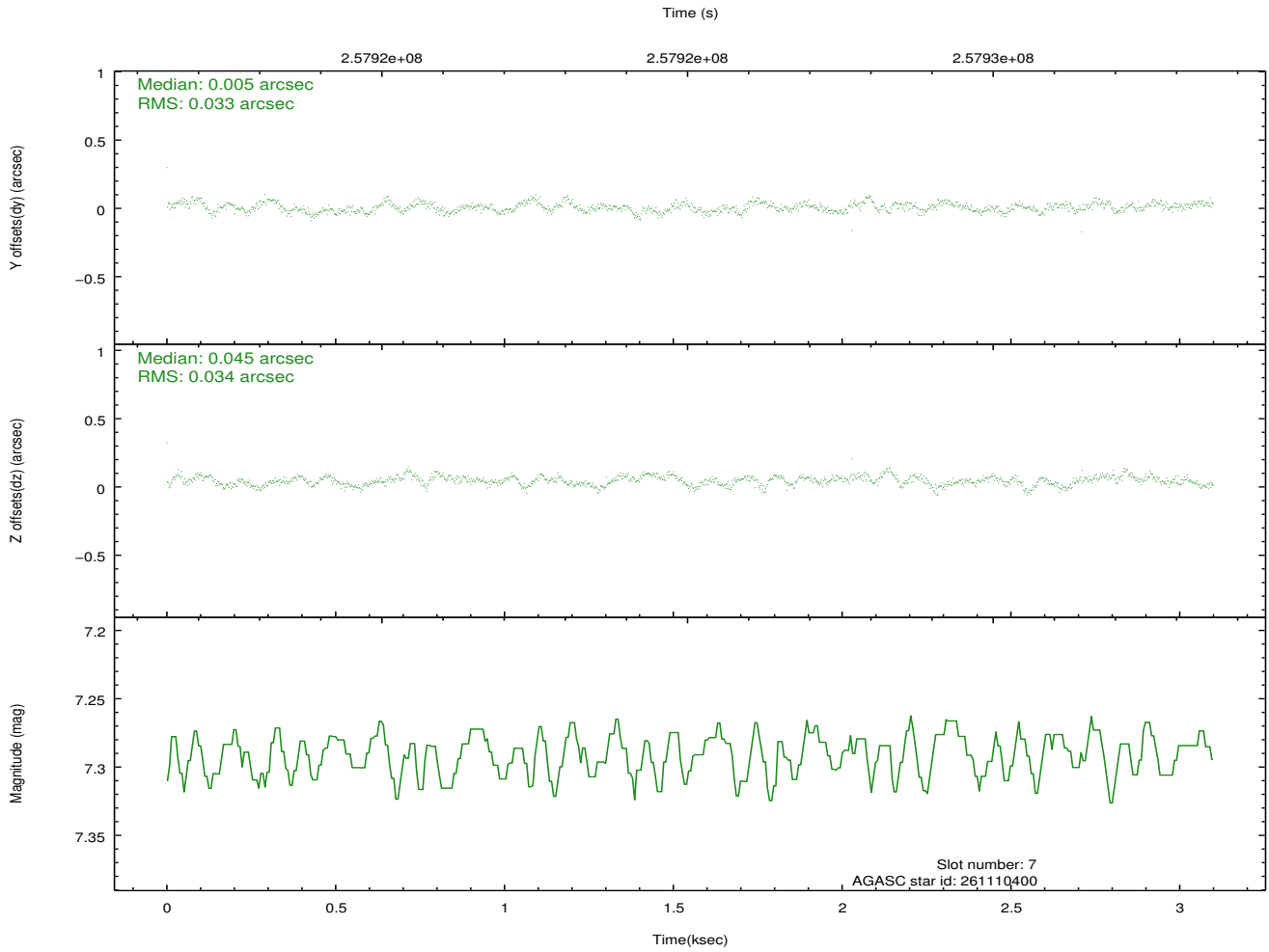
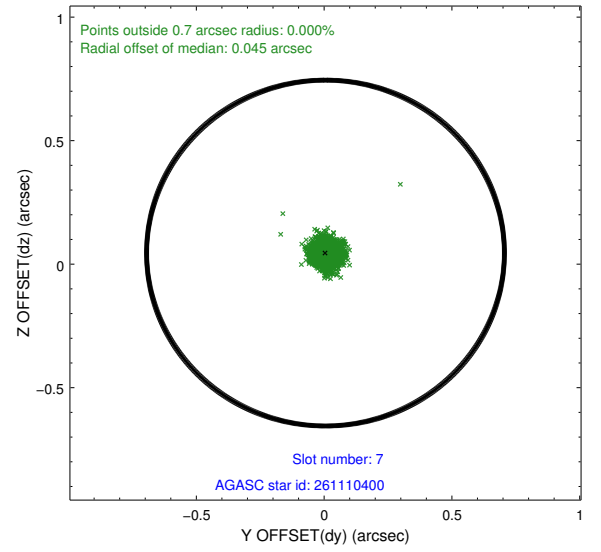
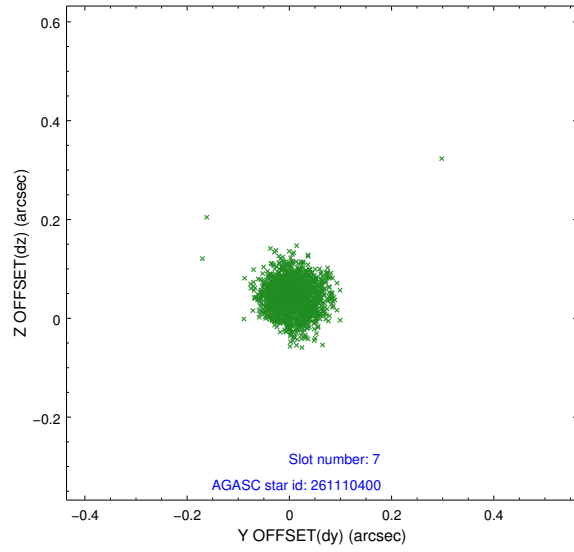
2.4.3 Slot 5



2.4.4 Slot 6

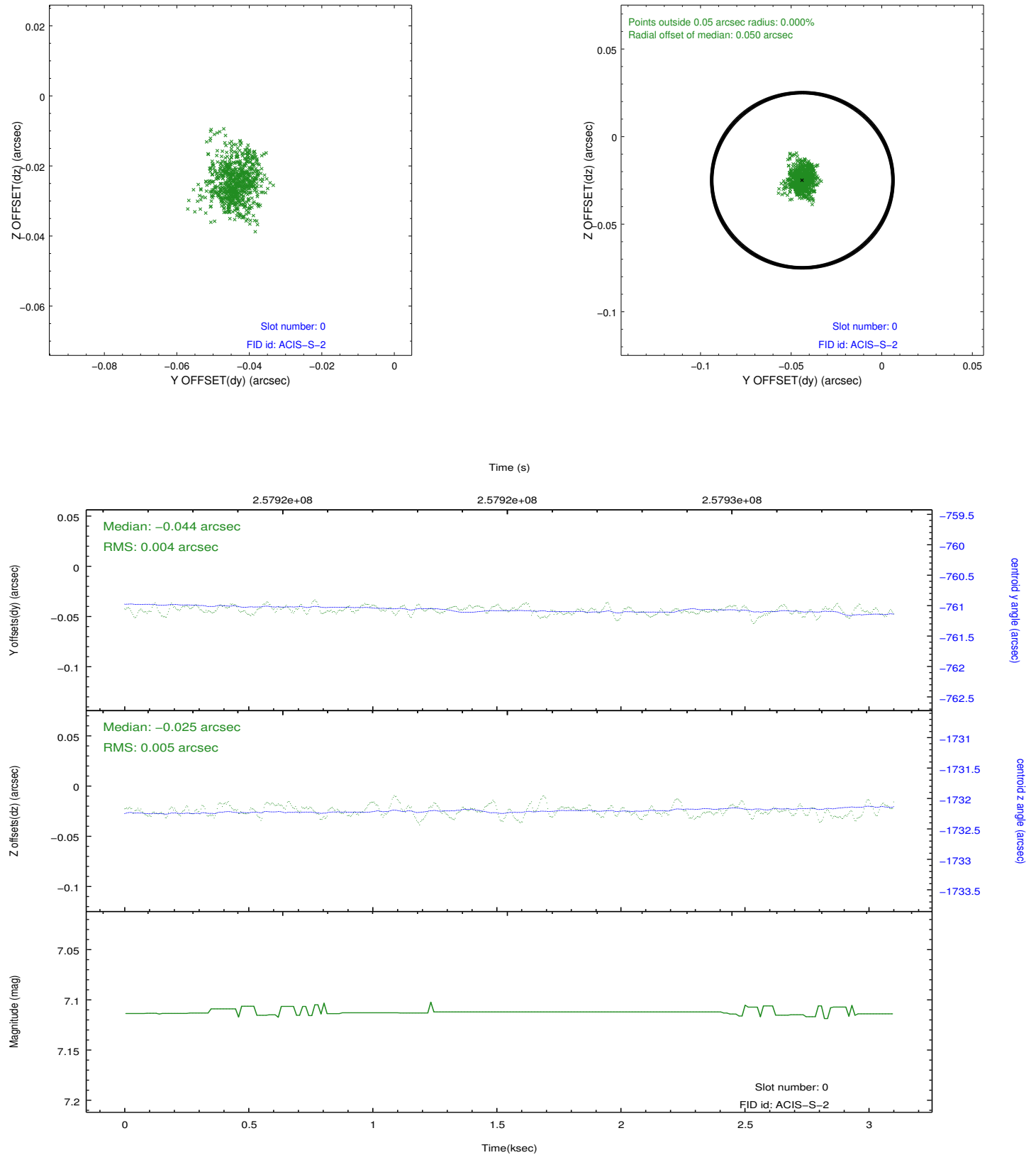


2.4.5 Slot 7

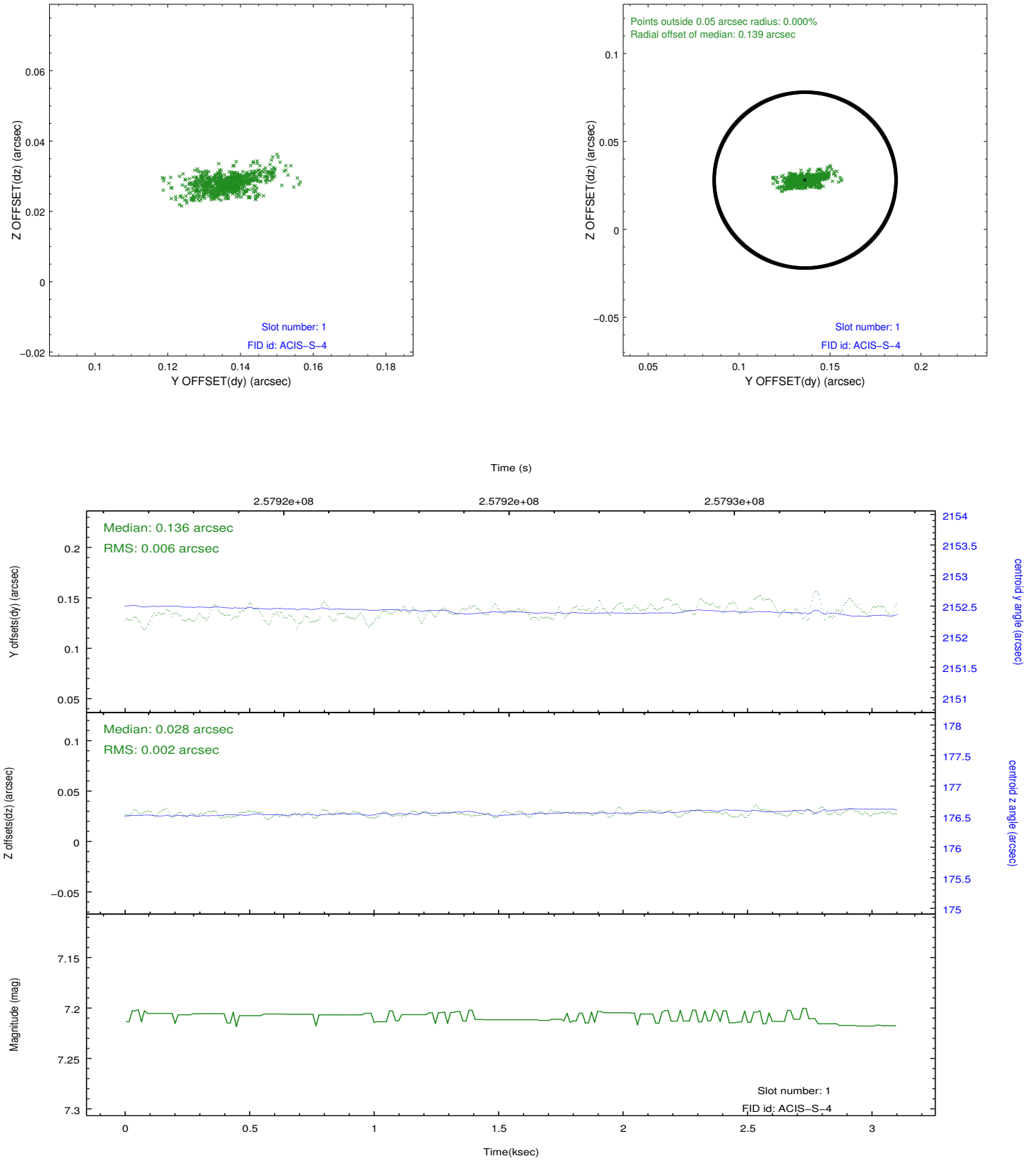


2.5 FID Slots

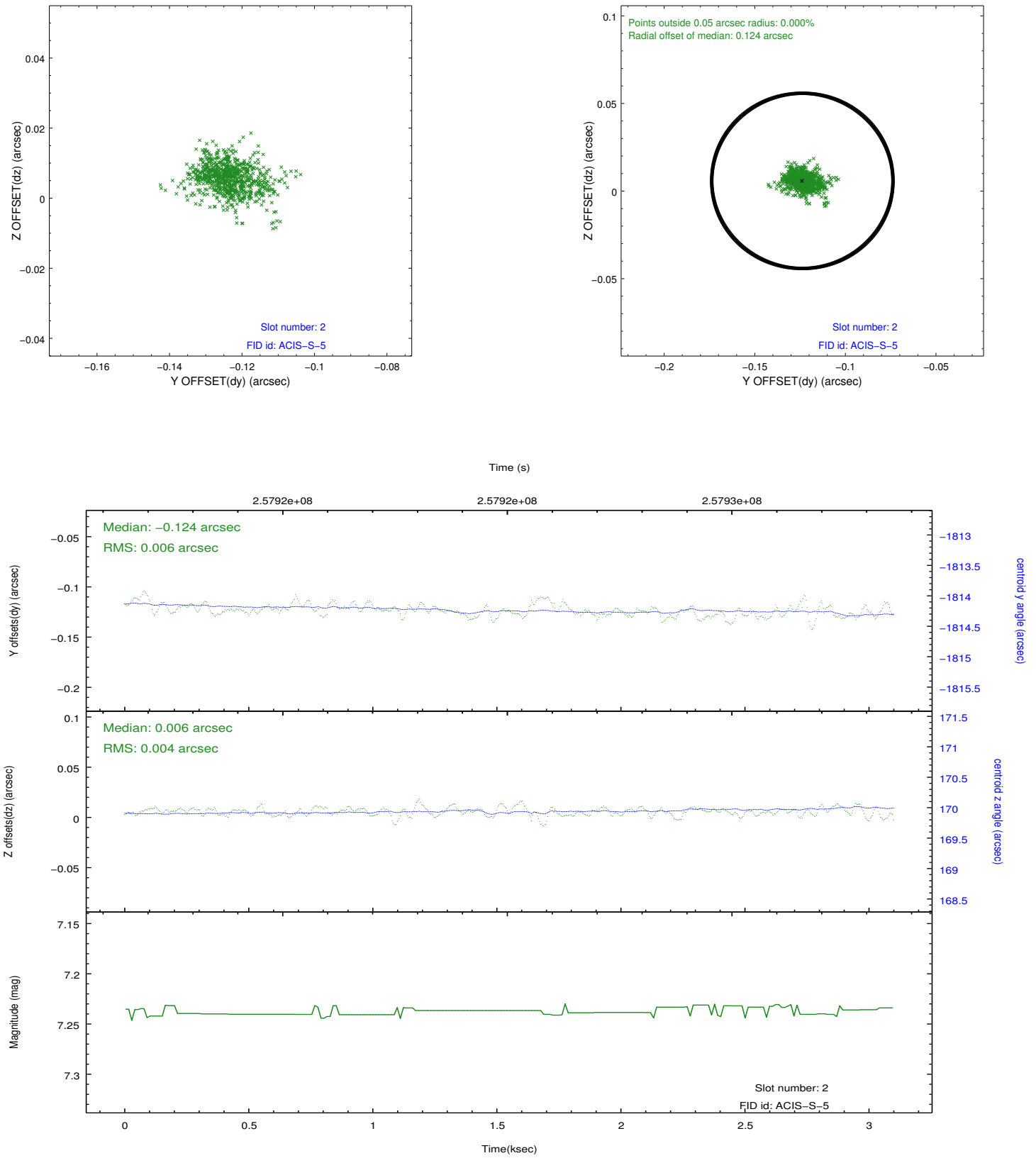
2.5.1 Slot 0



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)	2012.03.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.66559999

A.2 Comments