

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2695 - L2 Version 3
Chandra X-Ray Center

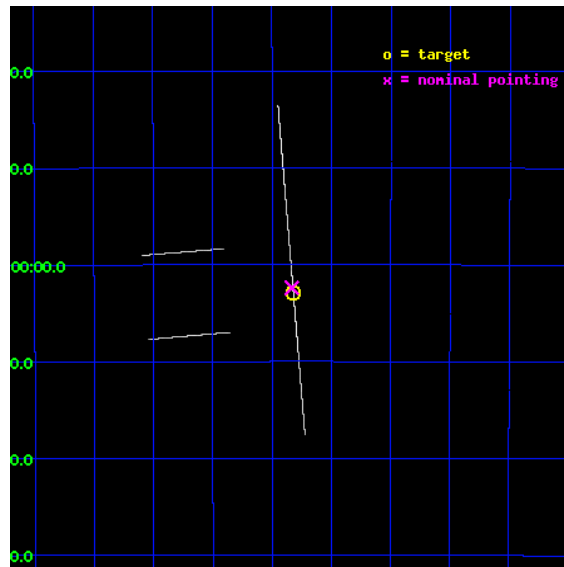
L2 Processing Date : Oct 4 2012

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1 Front

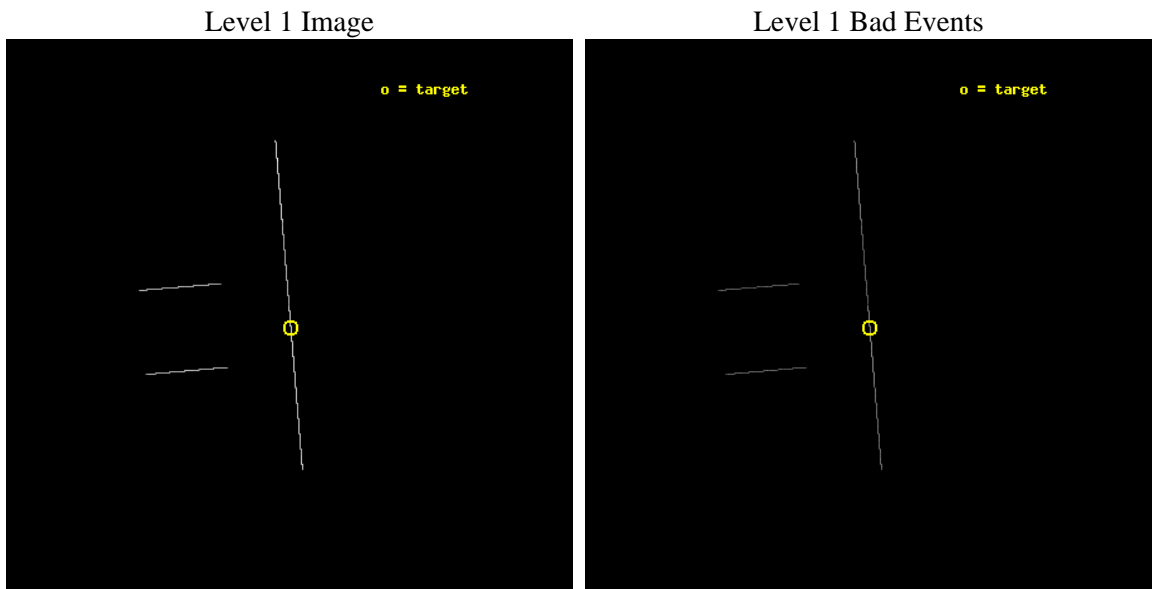
seq_num	400175	Sequence number
obs_id	2695	Observation id
title	THE FAINTEST 'FIELD' LOW-MASS X-RAY BINARIES	Proposal title
observer	PROF MICHIEL VAN DER KLIS	Principal investigator
object	1711-339	Source name
ra_targ	258.58	Observer's specified target RA [deg]
dec_targ	-34.049333	Observer's specified target Dec [deg]
ra_nom	258.58306224994	Nominal RA [deg]
dec_nom	-34.03992920502	Nominal Dec [deg]
roll_nom	85.22679075043	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4652.0	Sum of GTIs [s]
livetime	4633.828125	Livetime [s]
ontime2	4652.0	Sum of GTIs [s]
ontime3	4652.0	Sum of GTIs [s]
ontime5	4652.0	Sum of GTIs [s]
ontime6	4652.0	Sum of GTIs [s]
ontime7	4652.0	Sum of GTIs [s]
ontime8	4628.6419287175	Sum of GTIs [s]
l2events	53213	Number of level 2 events



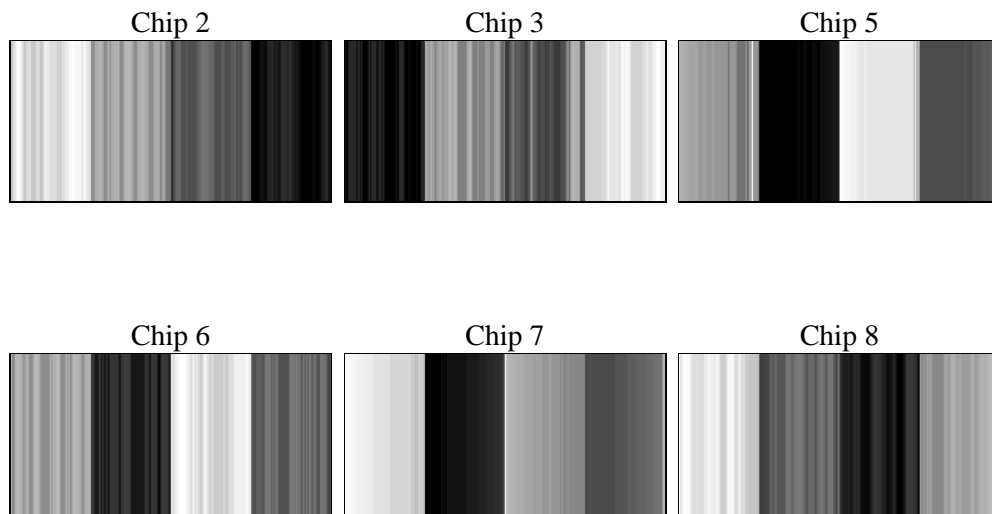
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4984.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4652.0	Sum of GTIs [s]
caldsver	4.5.2	 	ontime2	4652.0	Sum of GTIs [s]
date	2012-10-04T11:21:15	Date and time of file creation	ontime3	4652.0	Sum of GTIs [s]
revision	3	Processing version of data	ontime5	4652.0	Sum of GTIs [s]
			ontime6	4652.0	Sum of GTIs [s]
			ontime7	4652.0	Sum of GTIs [s]
			ontime8	4628.6419287175	Sum of GTIs [s]
			l1events	77707	Number of level 1 events

2.1.4 Events

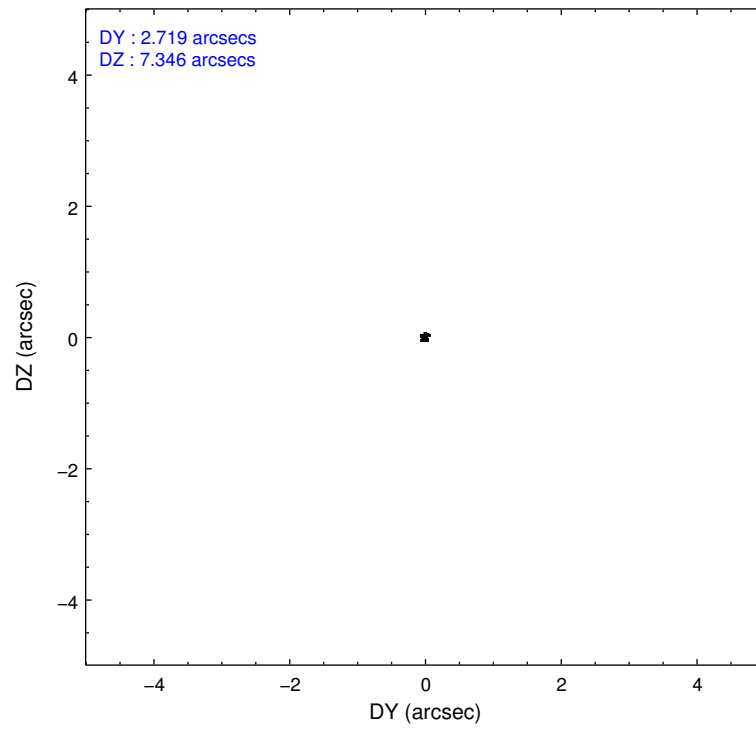
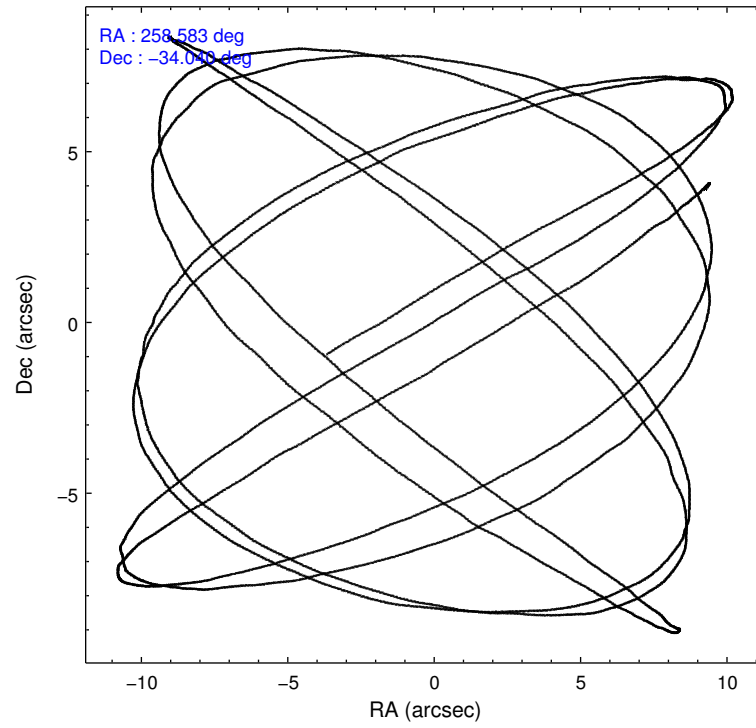
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	5865	6479	26656	6300	19736	12671
rejected events	971	1112	2868	1191	3392	1769
rejected %	16%	17%	10%	18%	17%	13%

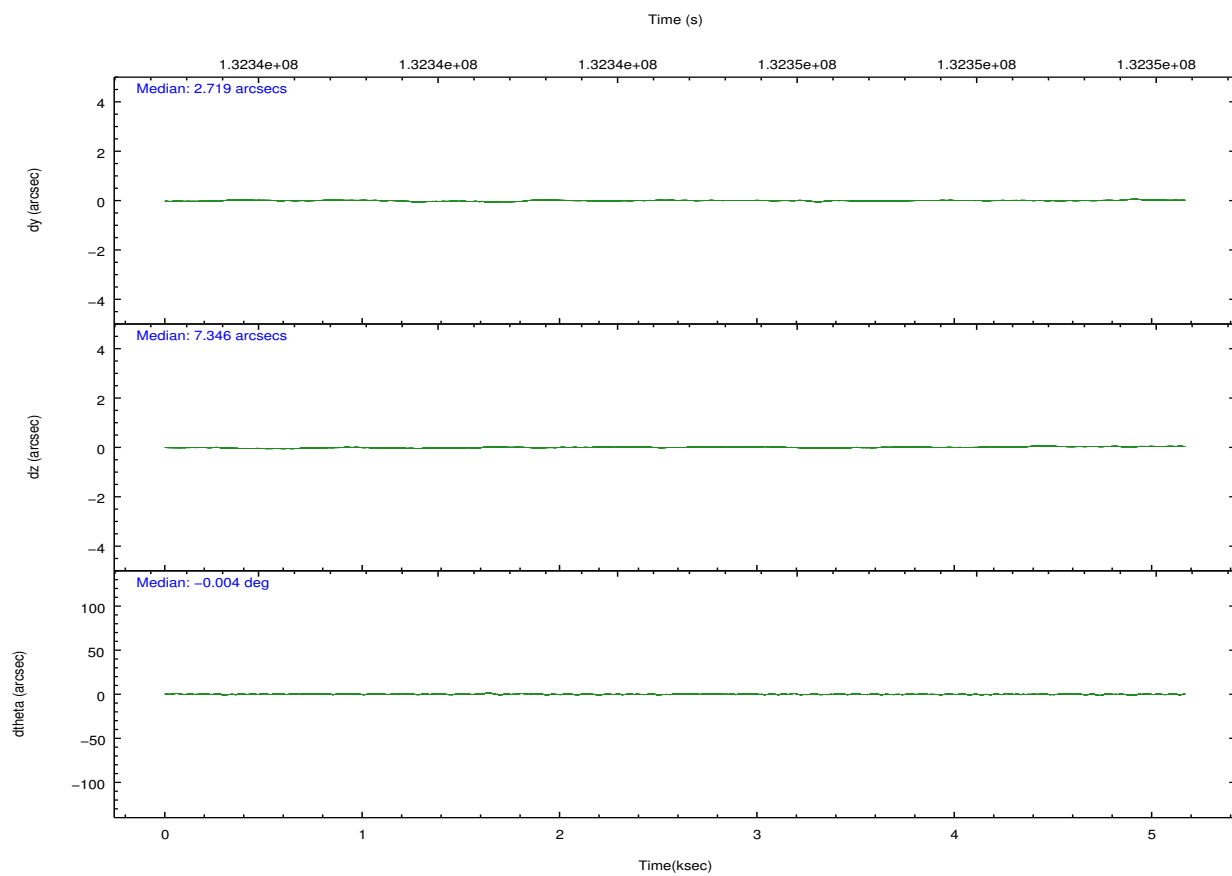
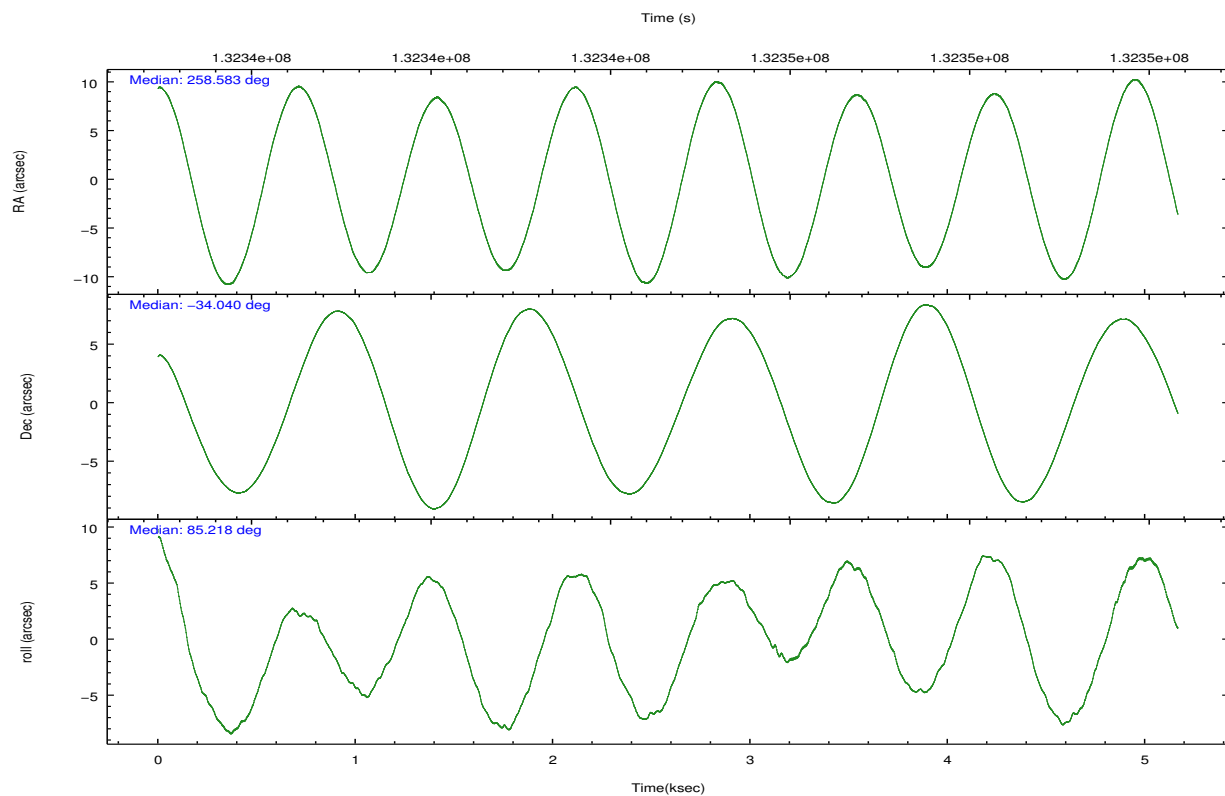
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	687	668	4230	540	1577	2088
	11%	10%	15%	8%	7%	16%
grade 1 events	22	19	53	23	44	37
	0%	0%	0%	0%	0%	0%
grade 2 events	1846	2049	6672	2054	3900	3363
	31%	31%	25%	32%	19%	26%
grade 3 events	703	806	653	673	1300	1281
	11%	12%	2%	10%	6%	10%
grade 4 events	697	699	625	652	1265	1328
	11%	10%	2%	10%	6%	10%
grade 5 events	947	1092	2804	1164	3326	1730
	16%	16%	10%	18%	16%	13%
grade 6 events	963	1146	11619	1194	8324	2844
	16%	17%	43%	18%	42%	22%
grade 7 events	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%

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	CC33_FAINT	CC33_FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	258.597408	258.5830622499382	Subarray requested	NONE	NONE
[deg] Pointing Dec	-34.064459	-34.03992920502005	Alternating exposures requested	N	N
[deg] Pointing Roll	85.078202	85.22679075043027	[s] Primary exposure time	0.000000	0
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	132342920.184000	132342388.27082			
Observation start date	2002-03-12T17:54:16	2002-03-12T17:46:28			
[s] Observation end time (MET)	132347904.184000	132348438.84606			
Observation end date	2002-03-12T19:17:20	2002-03-12T19:27:18			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



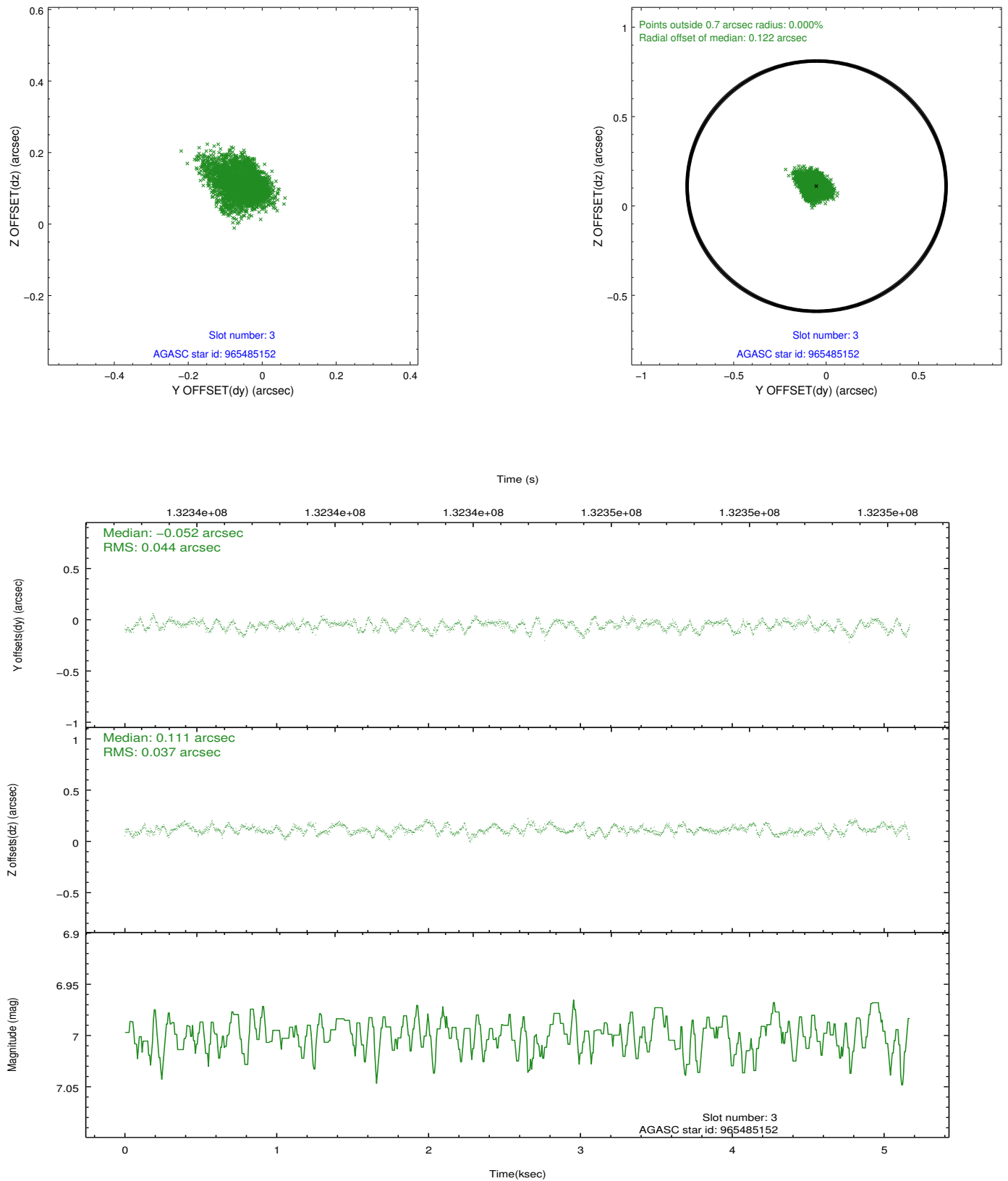


Slot Statistics

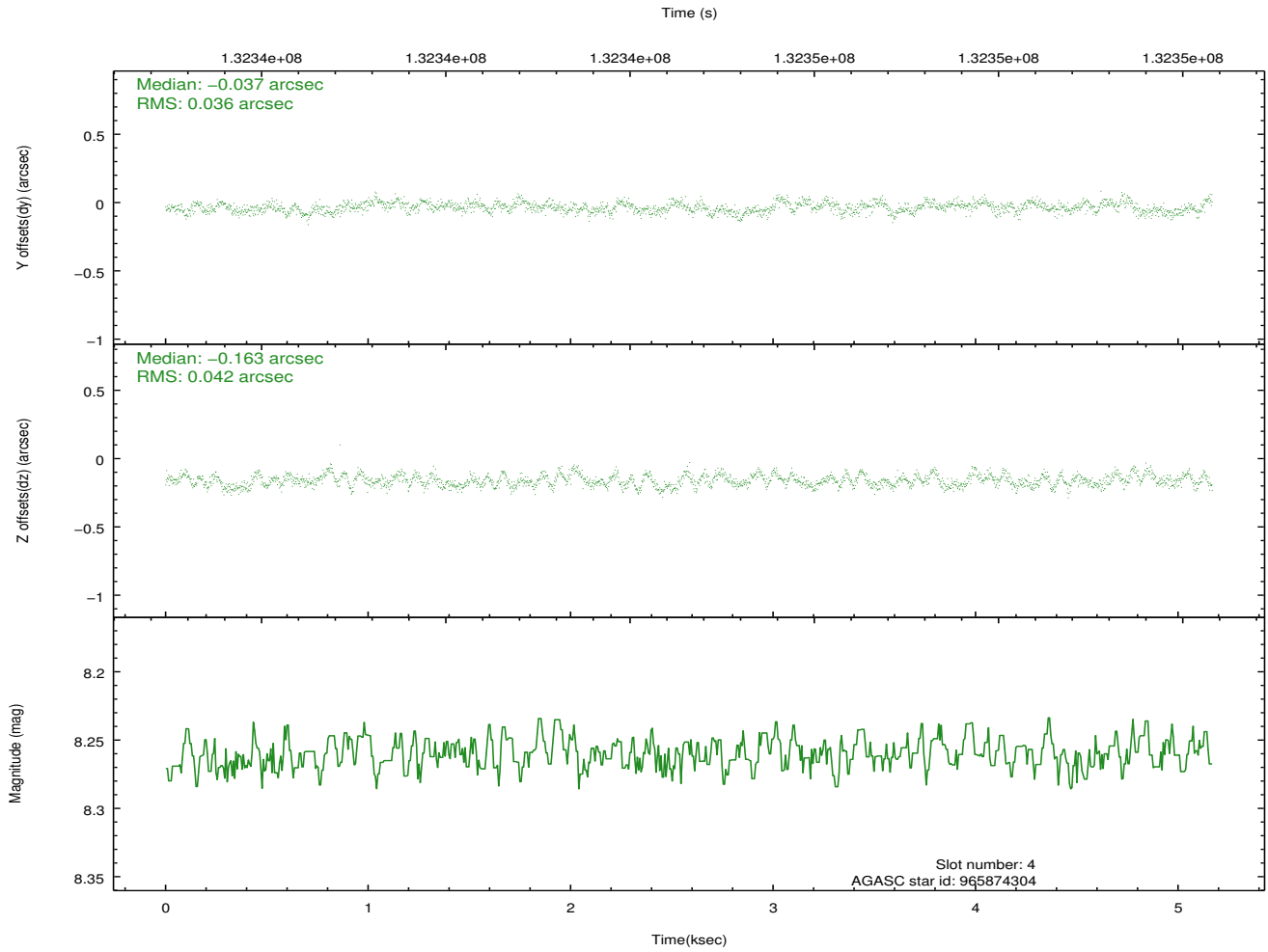
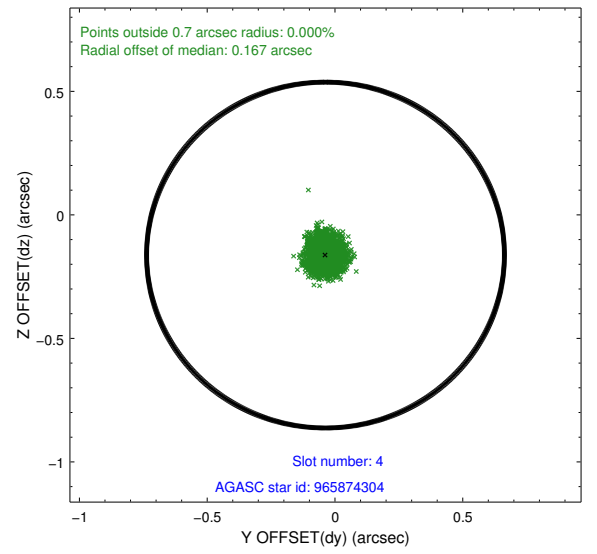
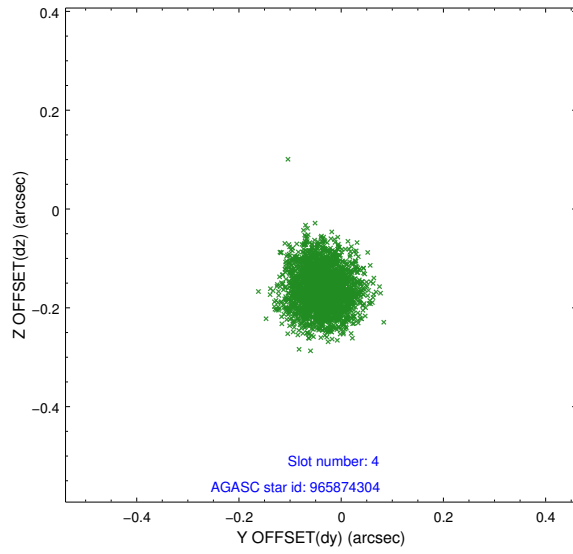
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1261	-0.008	0.007	0.007	0.011	0.000000	0.000000	-755.36	-1728.51
1	FID	ACIS-S-4	7.20	1261	-0.044	0.002	0.005	0.010	0.000000	0.000000	2157.36	178.75
2	FID	ACIS-S-5	7.24	1261	0.021	0.000	0.006	0.011	0.000000	0.000000	-1806.66	173.76
3	GUIDE	965485152	7.00	2521	-0.052	0.111	0.061	0.099	258.961466	-33.737003	1267.37	-984.89
4	GUIDE	965874304	8.26	2520	-0.037	-0.163	0.059	0.093	258.165412	-33.928695	374.99	1326.56
5	GUIDE	966002536	8.20	2521	-0.044	0.067	0.055	0.093	258.909506	-33.833923	906.90	-858.31
6	GUIDE	965881248	8.27	2521	-0.045	-0.196	0.053	0.084	258.339912	-33.969934	273.49	794.29
7	GUIDE	966005376	9.57	2520	0.182	0.180	0.091	0.149	258.892252	-34.492869	-1461.17	-1004.06

2.4 Star Slots

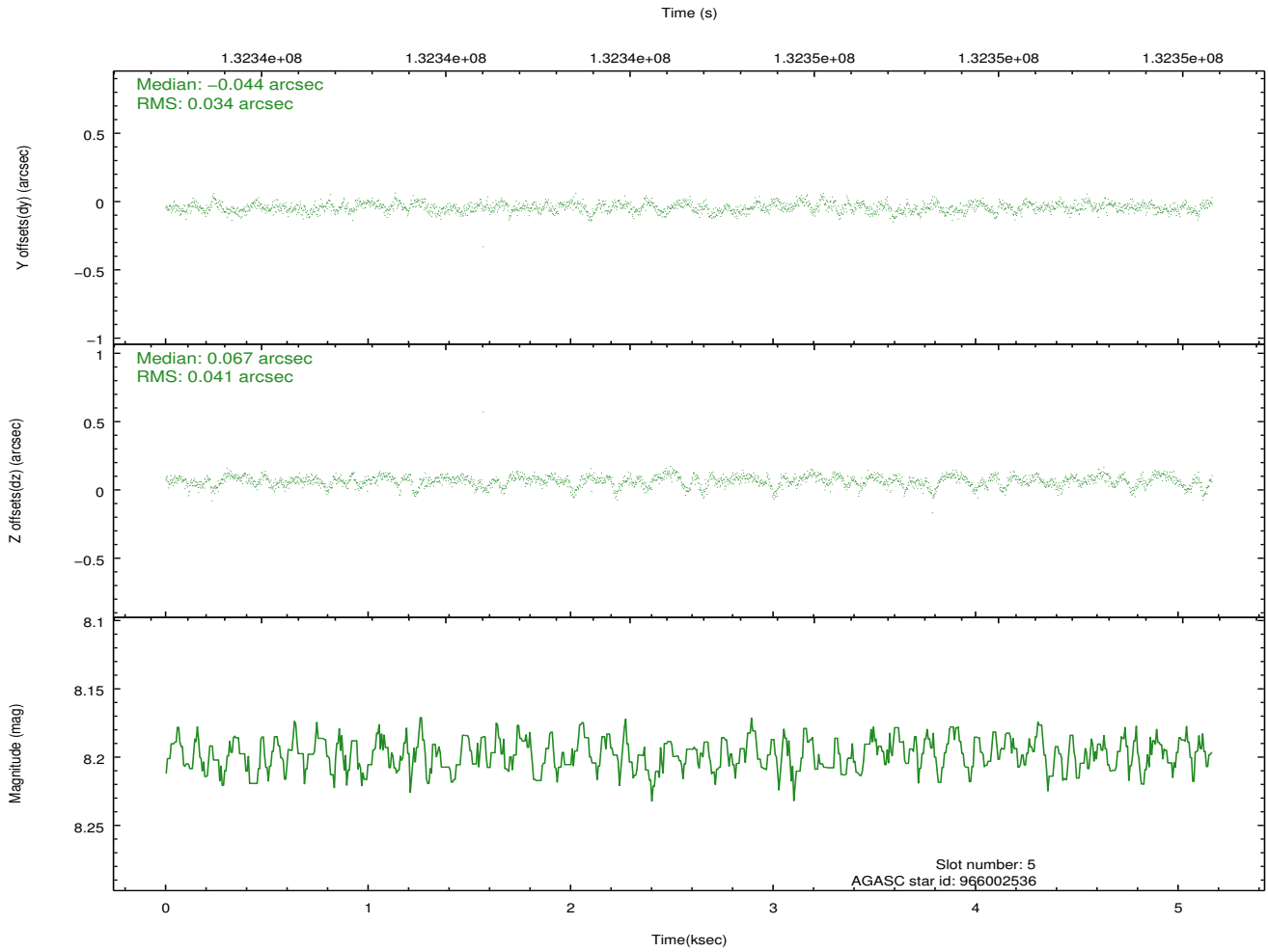
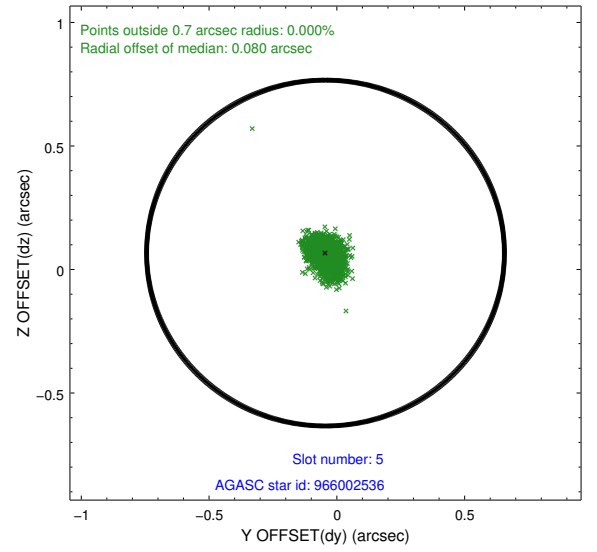
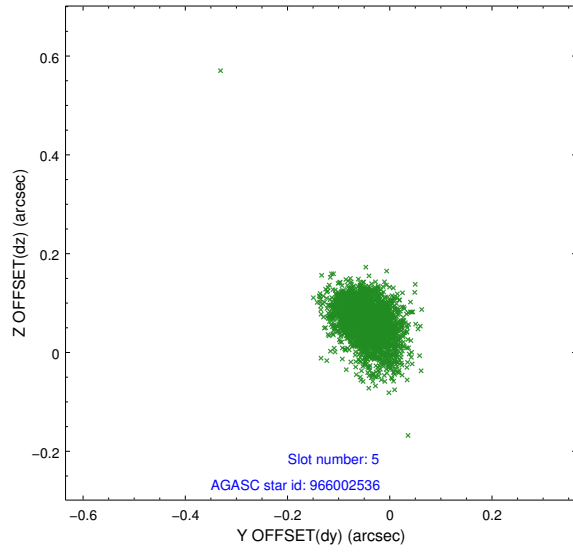
2.4.1 Slot 3



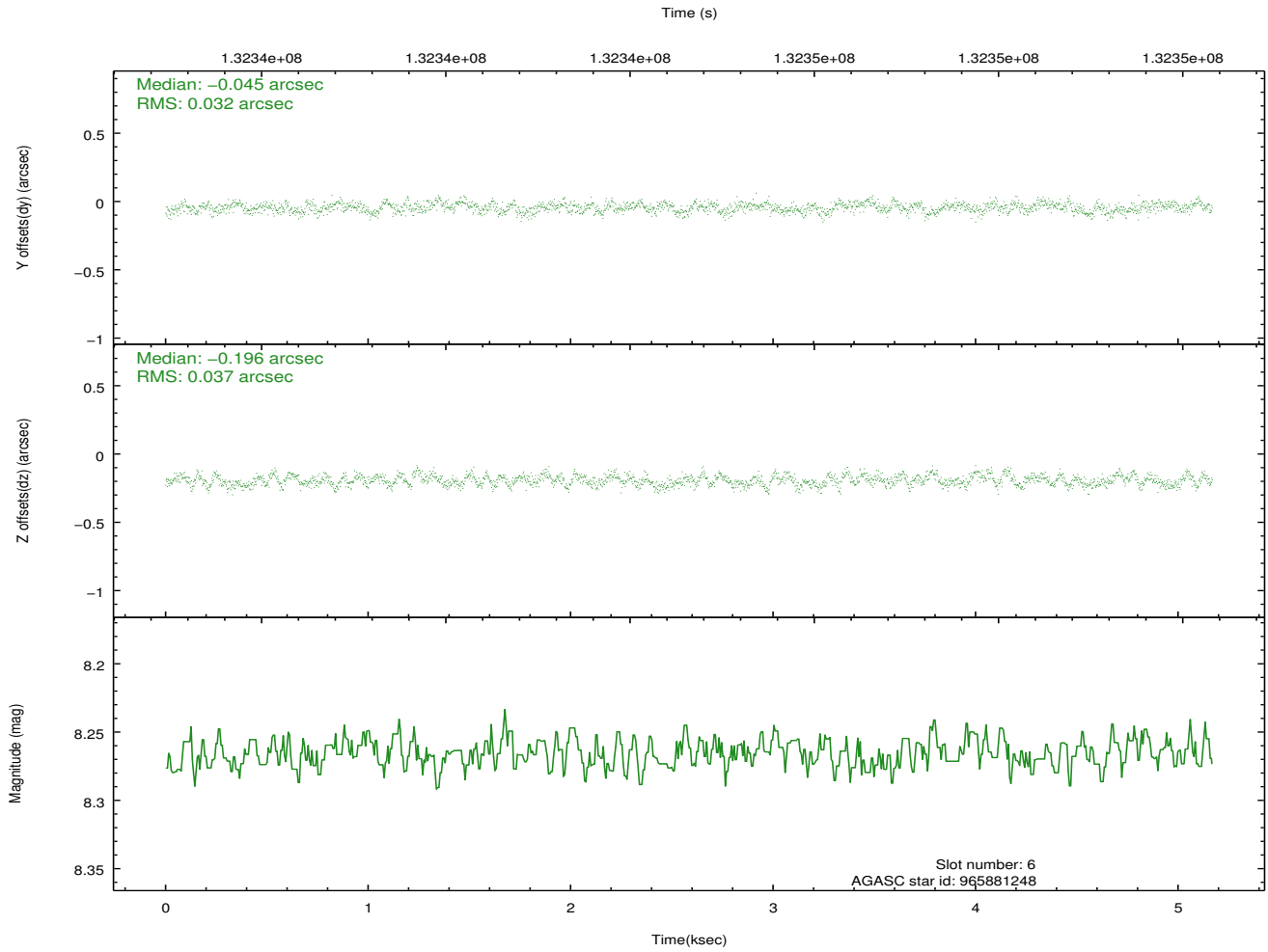
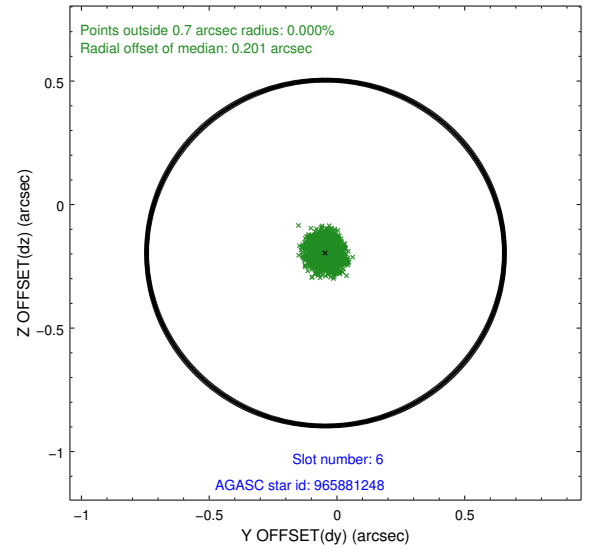
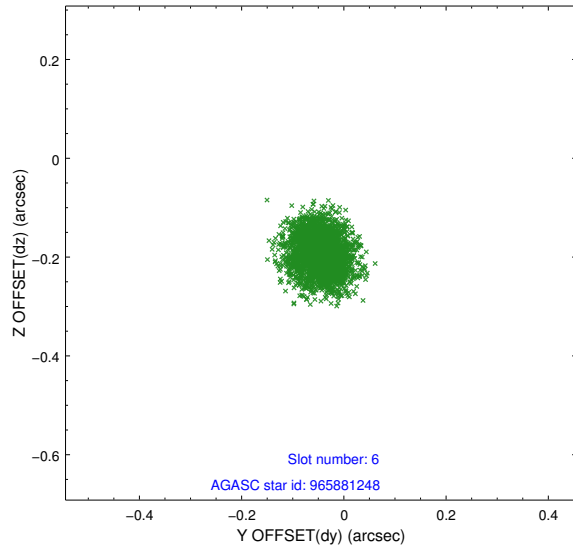
2.4.2 Slot 4



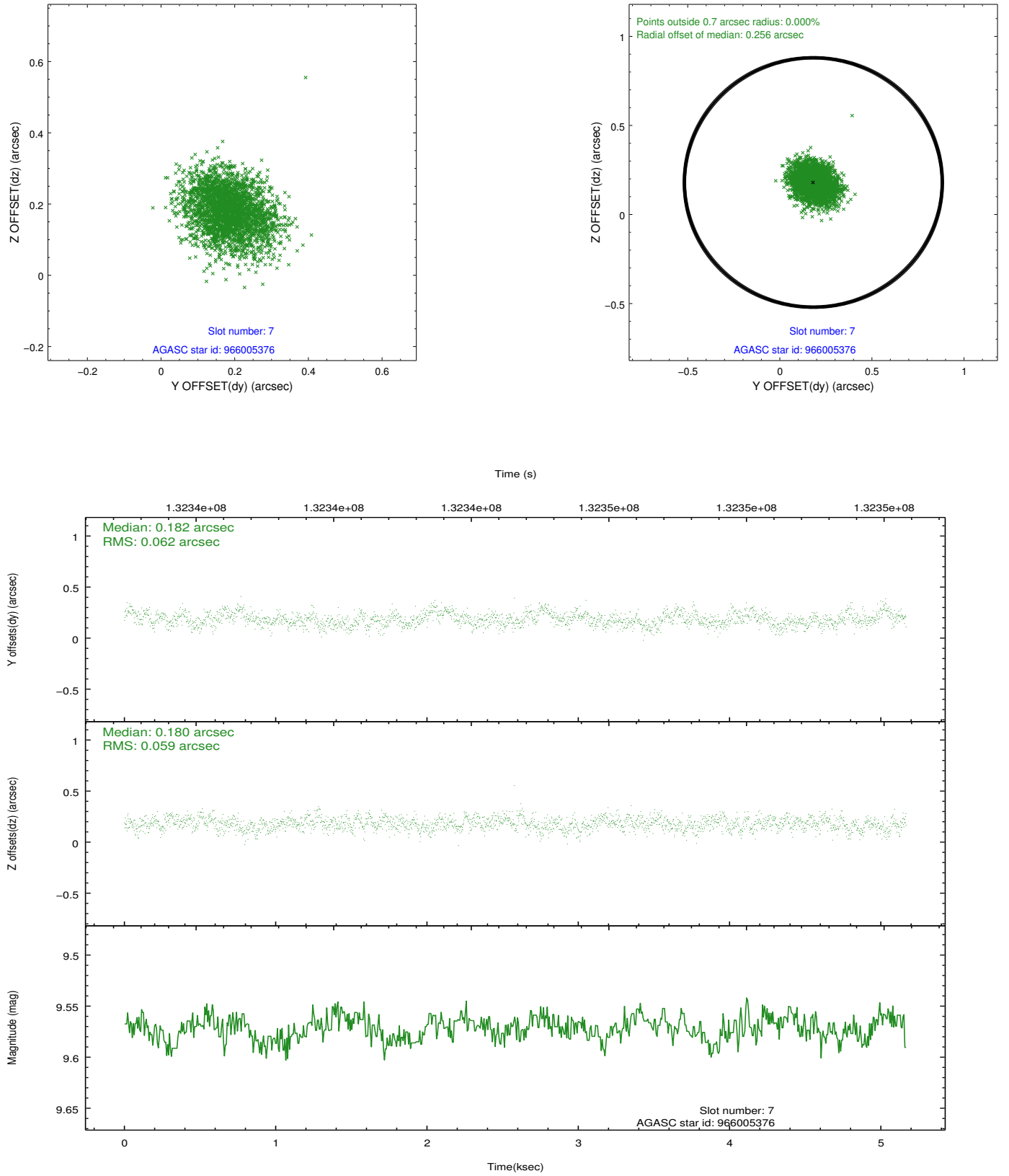
2.4.3 Slot 5



2.4.4 Slot 6

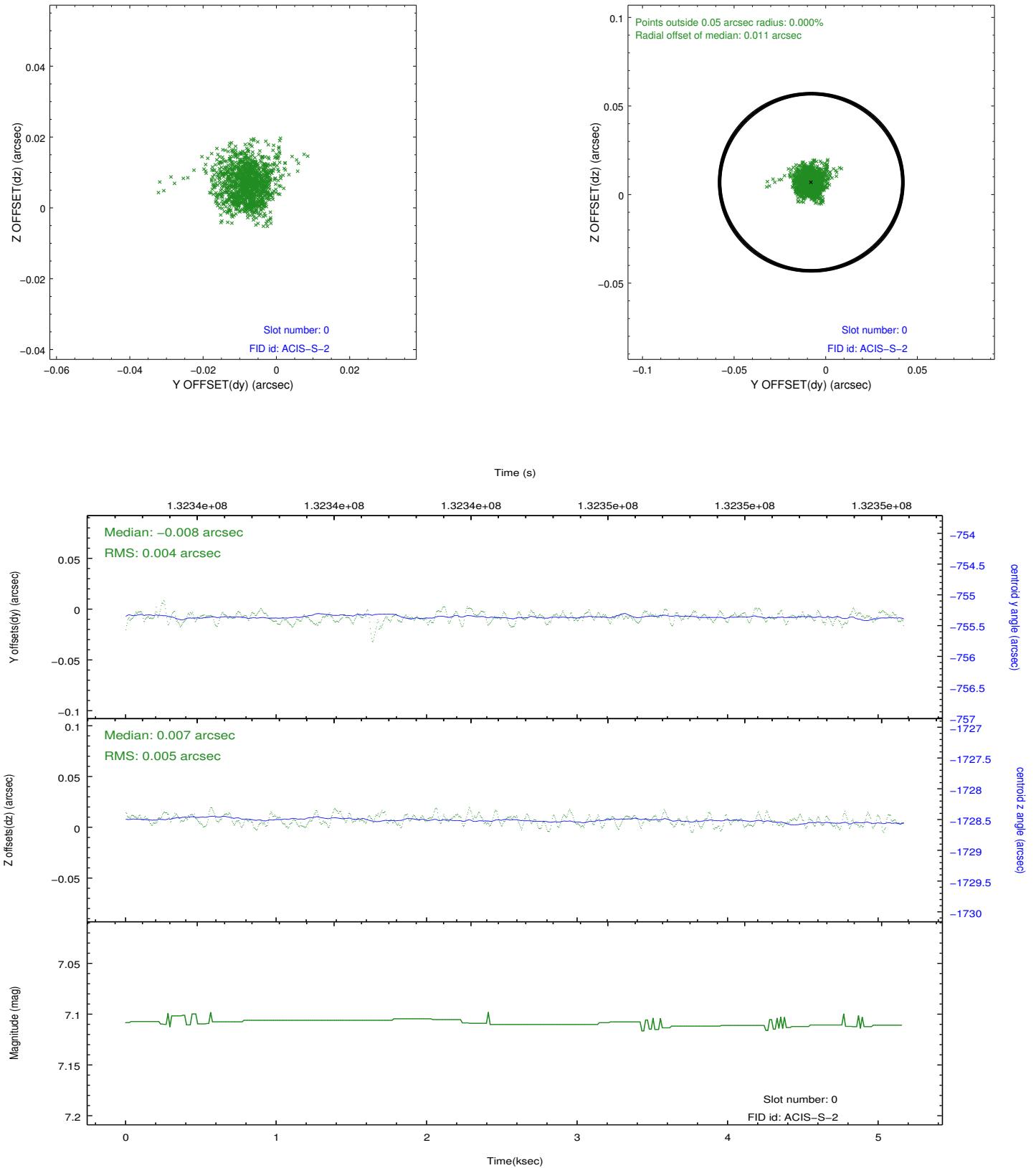


2.4.5 Slot 7

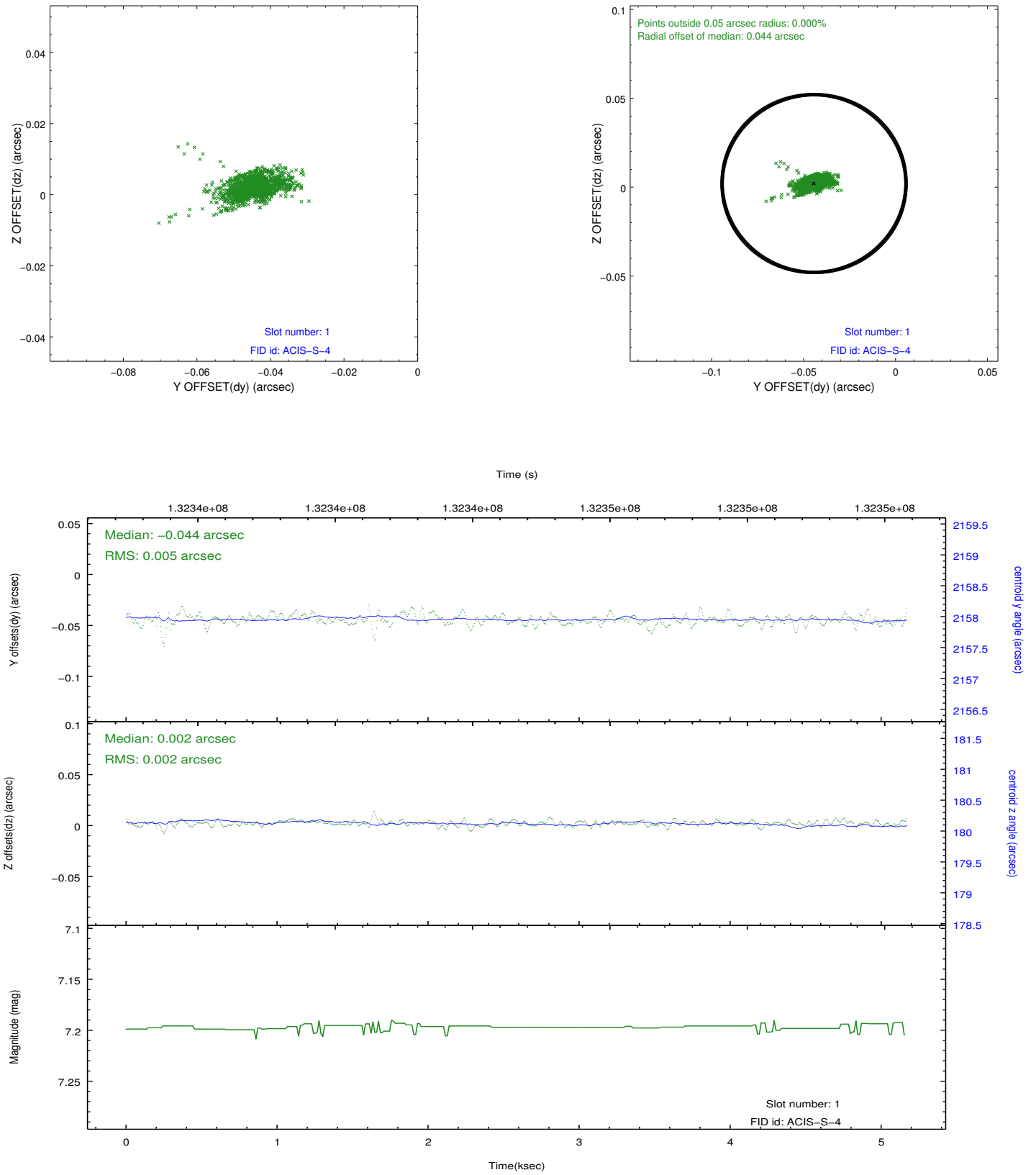


2.5 FID Slots

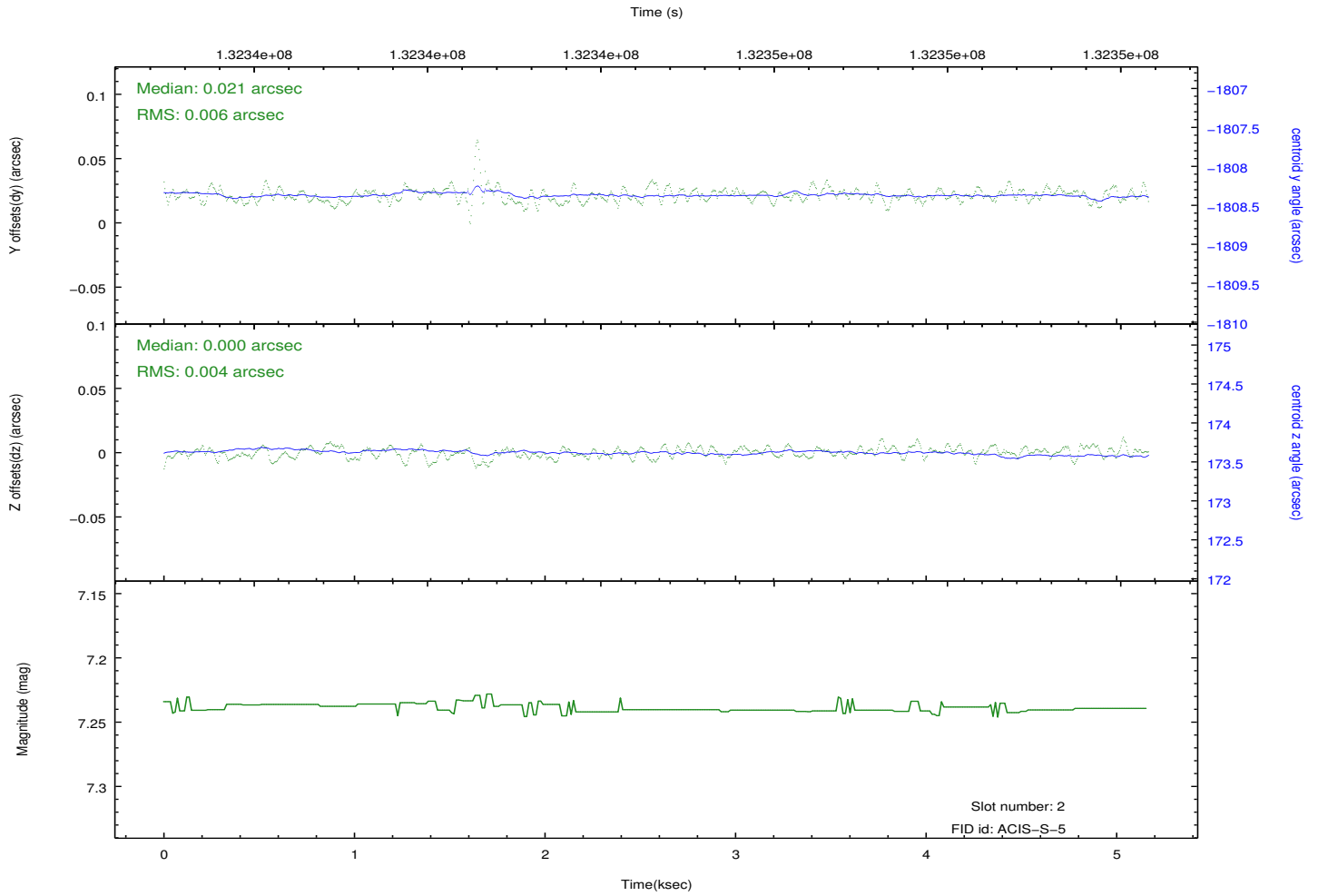
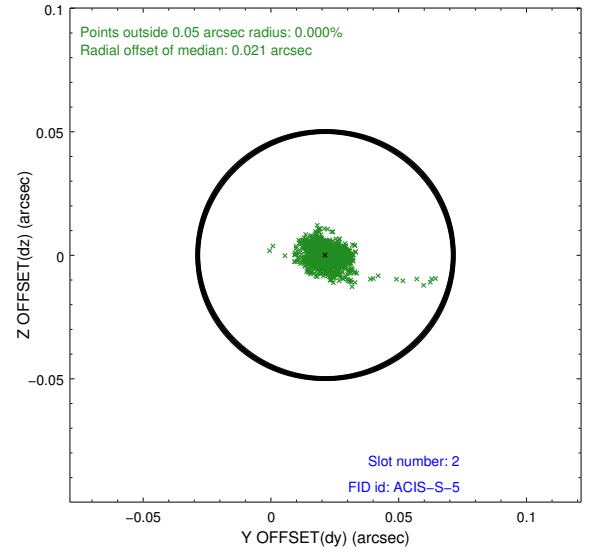
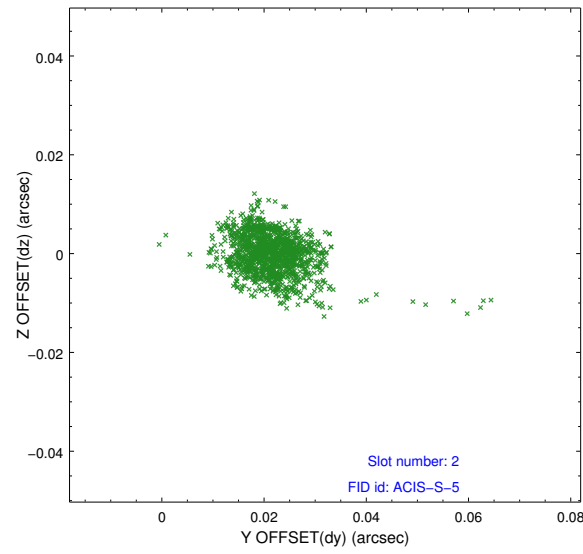
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.10.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.654

A.2 Comments

Source not detected. Coordinates supplied by user are about 13 arcsec from SIMBAD coordinates, The source still should have been on the chip.