

V&V Reference Report

L2 ASCDS Version : 8.1.1

Observation 119 - L2 Version 4

Chandra X-Ray Center

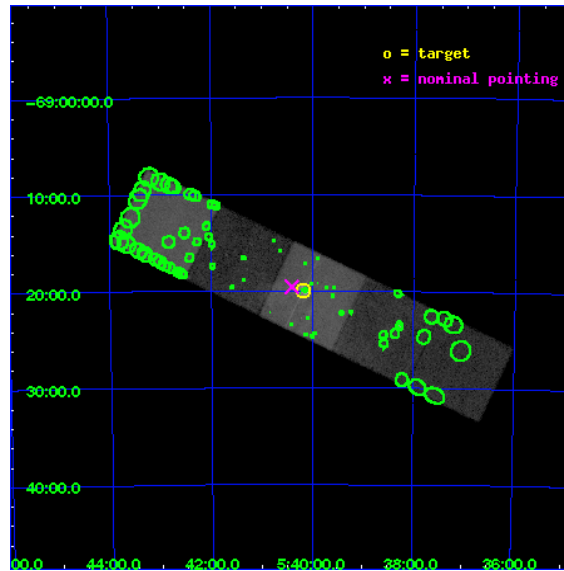
L2 Processing Date : Nov 24 2009

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1 Front

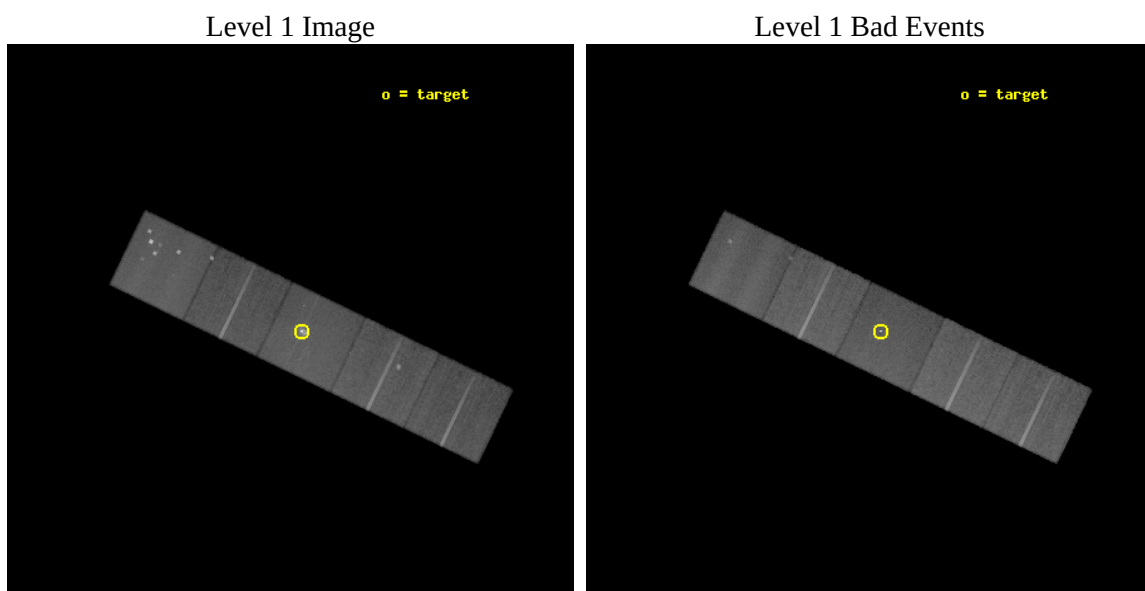
seq_num	500006	Sequence number
obs_id	119	Observation id
title	ACIS OBSERVATIONS OF EJECTA DOMINATED MAGELLANIC CLOUD SNR'S	Prop
observer	DR STEPHEN HOLT	Principal investigator
object	0540-69.3	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	85.045833	Observer's specified target RA
dec_targ	-69.333333	Observer's specified target Dec
ra_nom	85.102497524257	Nominal RA
dec_nom	-69.325917937013	Nominal Dec
roll_nom	25.676735128323	Nominal Roll
revision	4	Processing version of data
ontime	28165.245852984	Sum of GTIs [s]
livetime	27808.600550919	Livetime [s]
ontime5	28165.204812981	Sum of GTIs [s]
ontime6	28161.922822773	Sum of GTIs [s]
ontime7	28165.245852984	Sum of GTIs [s]
ontime8	28165.122732982	Sum of GTIs [s]
ontime9	28165.081692986	Sum of GTIs [s]
l2events	384447	Number of level 2 events



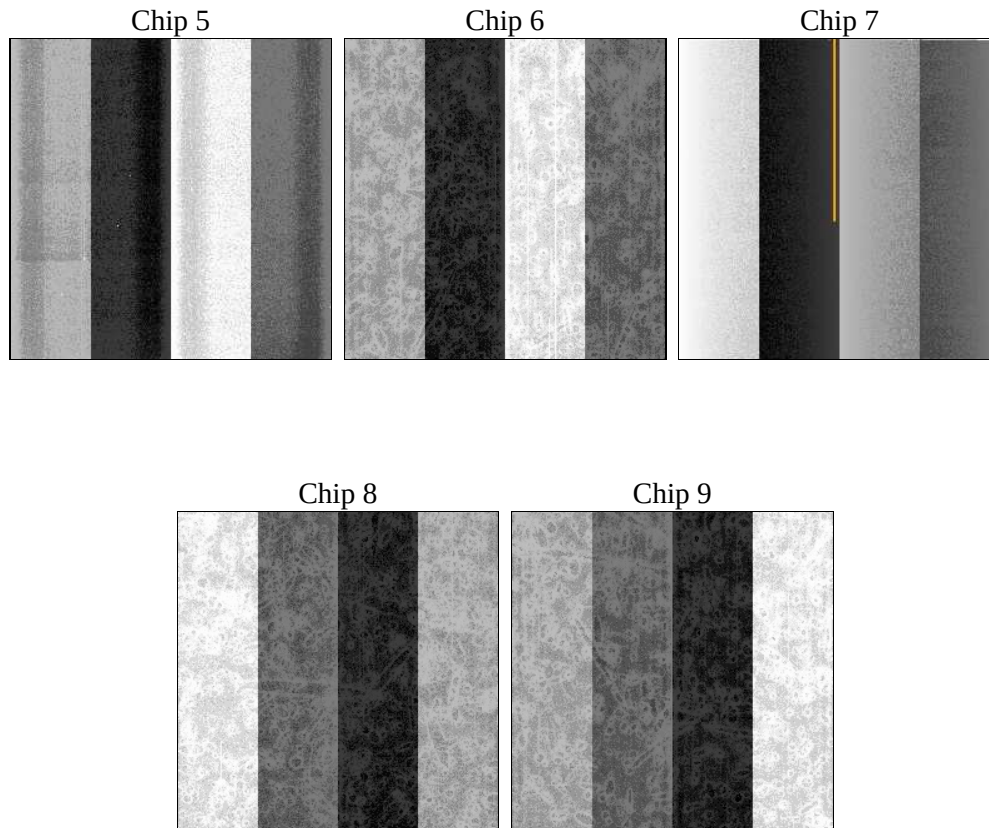
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	29000.000000	Scheduled observation exposure time
ascdsver	8.1.1	ASCDS version number	ontime	28165.245852984	Sum of GTIs [s]
caldsver	4.1.4	 	ontime5	28165.204812981	Sum of GTIs [s]
date	2009-11-24T14:43:34	Date and time of file creation	ontime6	28161.922822773	Sum of GTIs [s]
revision	3	Processing version of data	ontime7	28165.245852984	Sum of GTIs [s]
			ontime8	28165.122732982	Sum of GTIs [s]
			ontime9	28165.081692986	Sum of GTIs [s]
			l1events	1465658	Number of level 1 events

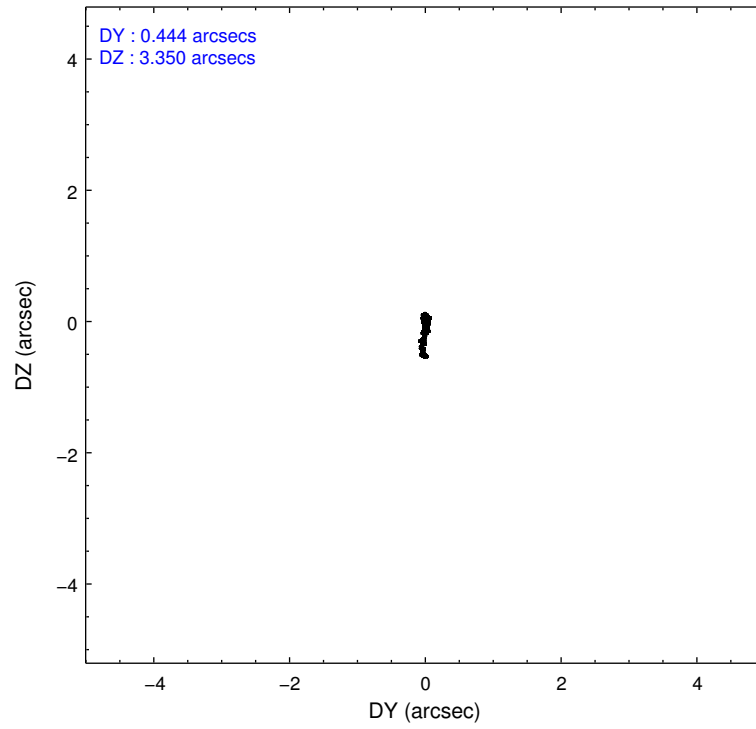
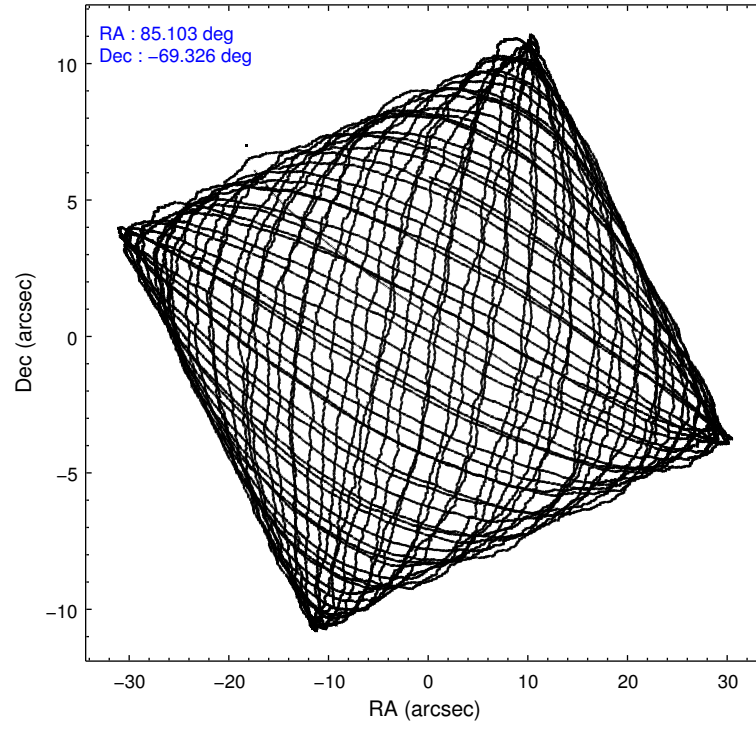
2.1.4 Events

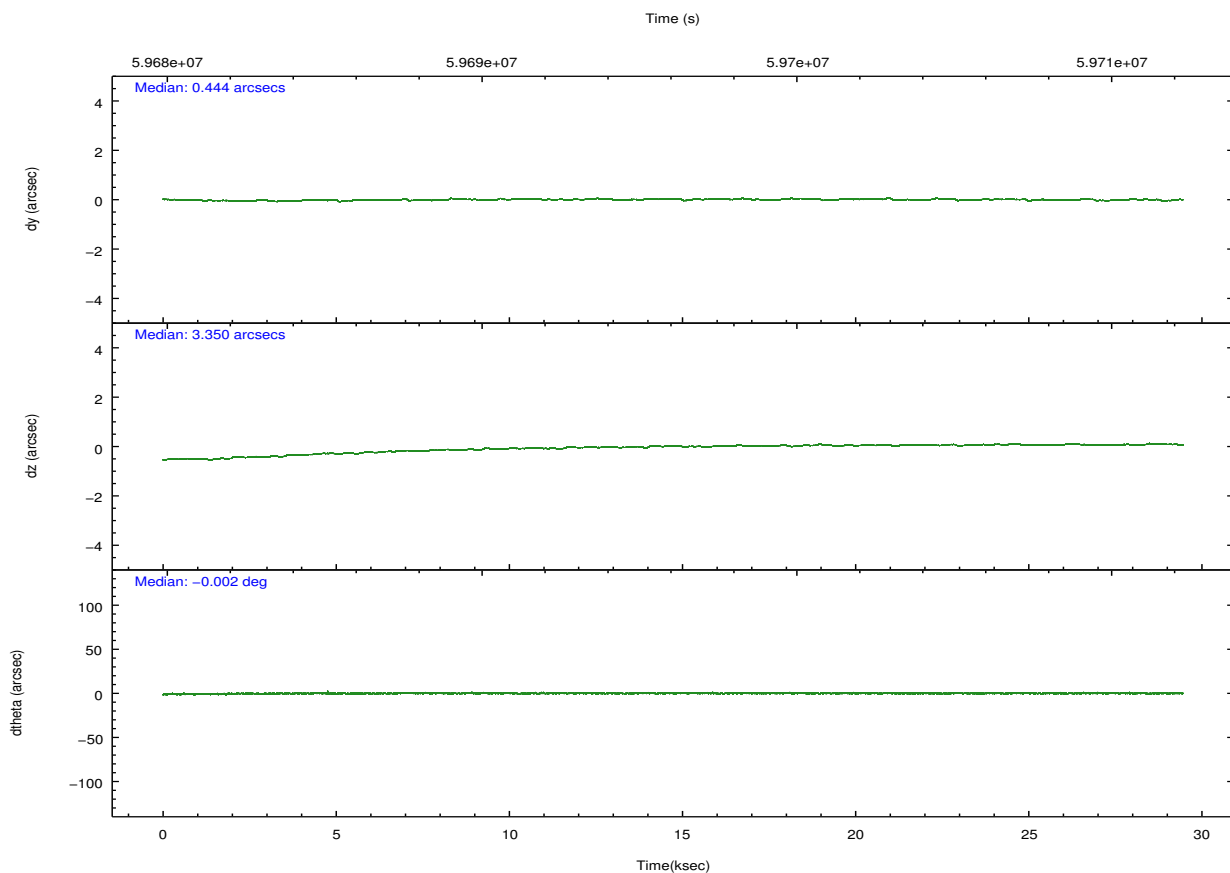
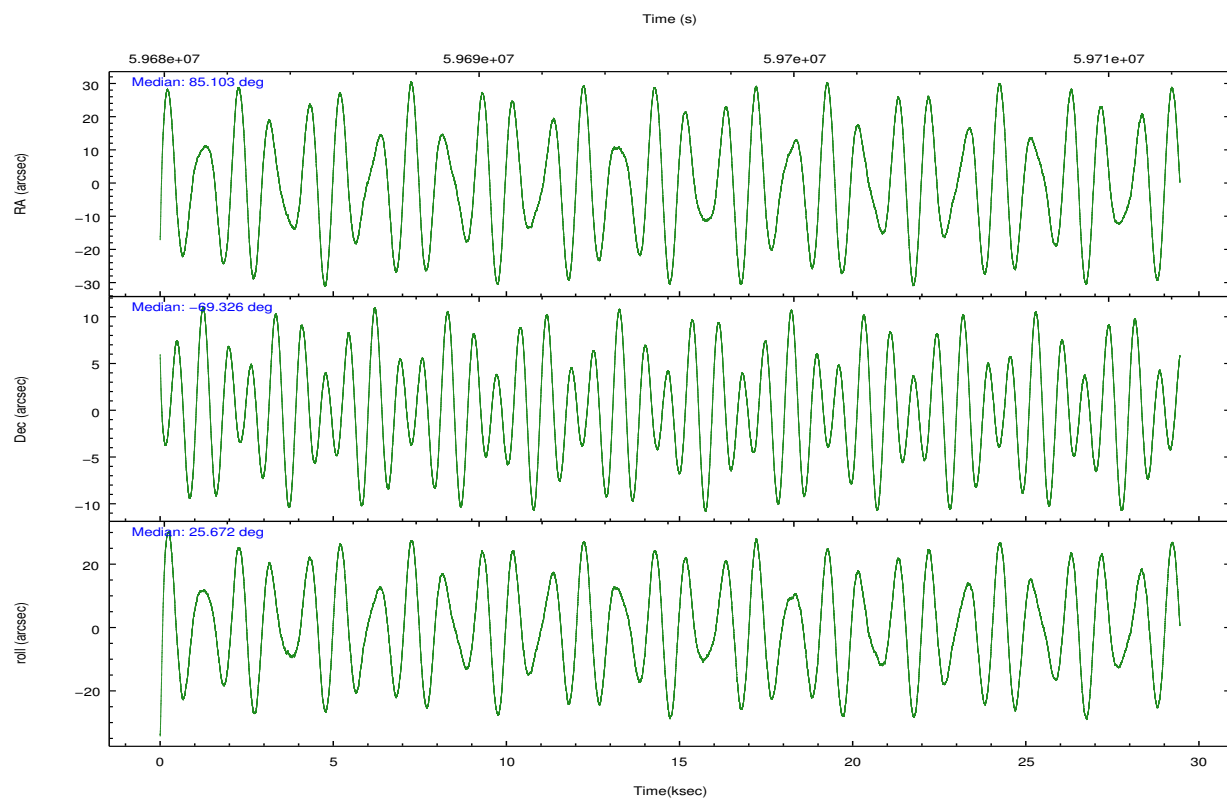
	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	329310	245614	350679	300091	239964	grade 0 events	36146	10584	26661	22472	9182
rejected events	171611	214444	176524	238667	210554		10%	4%	7%	7%	3%
rejected %	52%	87%	50%	79%	87%	grade 1 events	1459	49	1132	123	52
							0%	0%	0%	0%	0%
						grade 2 events	34345	10879	40977	16988	10664
							10%	4%	11%	5%	4%
						grade 3 events	5872	1546	14747	4149	1570
							1%	0%	4%	1%	0%
						grade 4 events	5671	1566	13623	3923	1536
							1%	0%	3%	1%	0%
						grade 5 events	11178	5035	19547	6768	5252
							3%	2%	5%	2%	2%
						grade 6 events	75706	6603	78192	13913	6465
							22%	2%	22%	4%	2%
						grade 7 events	158933	209352	155800	231755	205243
							48%	85%	44%	77%	85%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-56789	ACIS-56789	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
Pointing RA	85.058103	85.10249752425737	Subarray requested	NONE	NONE
Pointing Dec	-69.348623	-69.32591793701323	Alternating exposures requested	N	N
Pointing Roll	25.478572	25.67673512832349	Primary exposure time	0.000000	3.2
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	59681792.184000	59680540.31264			
Observation start date	1999-11-22T18:15:28	1999-11-22T17:55:40			
Observation end time	59710792.184000	59711442.526257			
Observation end date	1999-11-23T02:18:48	1999-11-23T02:30:42			
Read mode	TIMED	TIMED			

2.3 Aspect



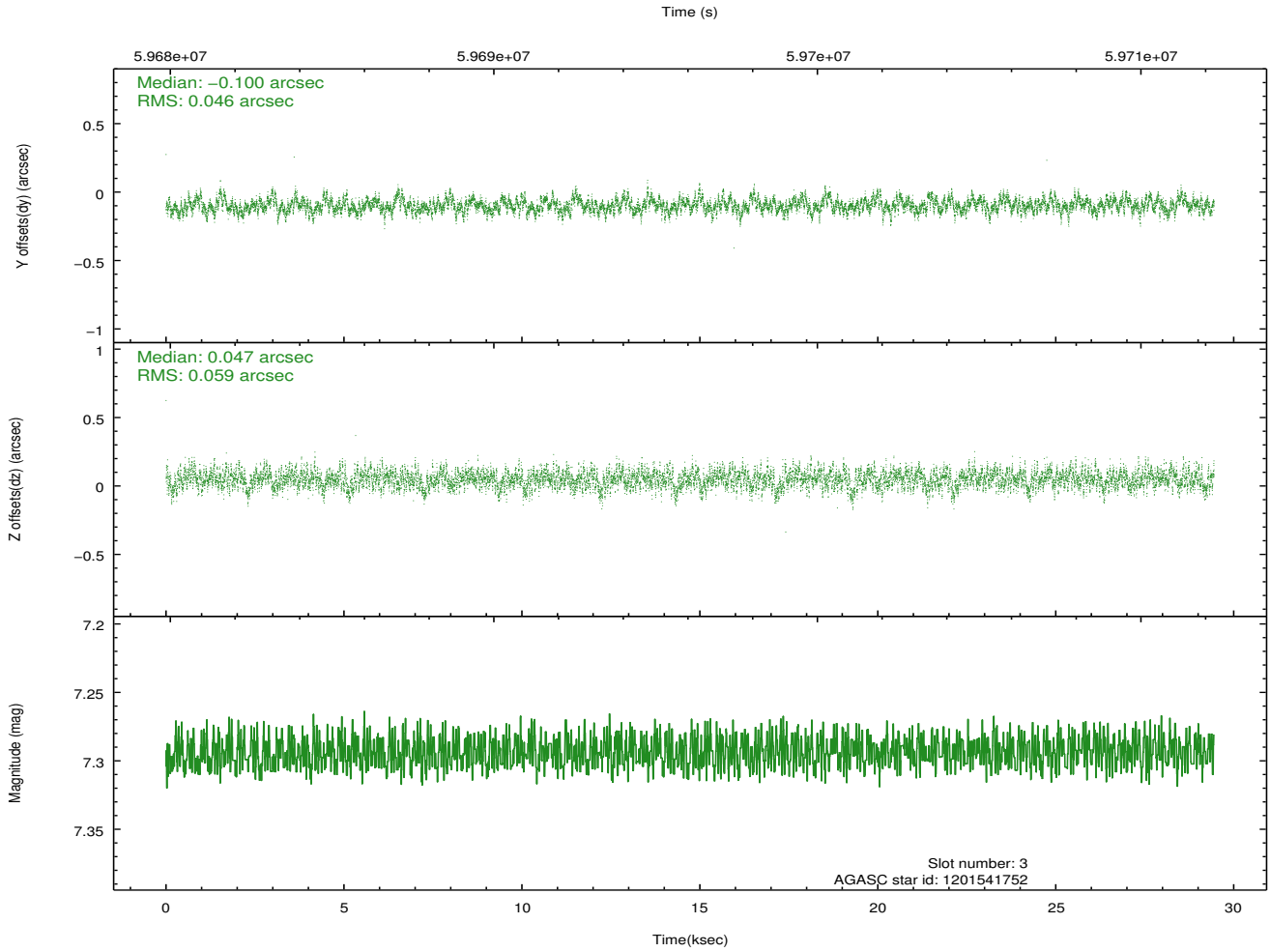
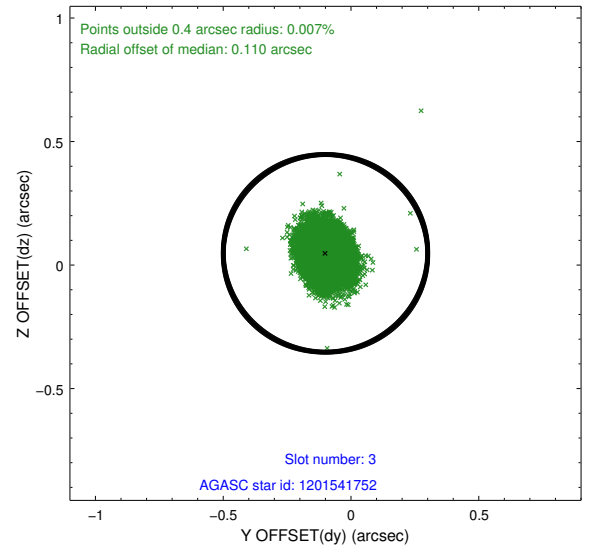
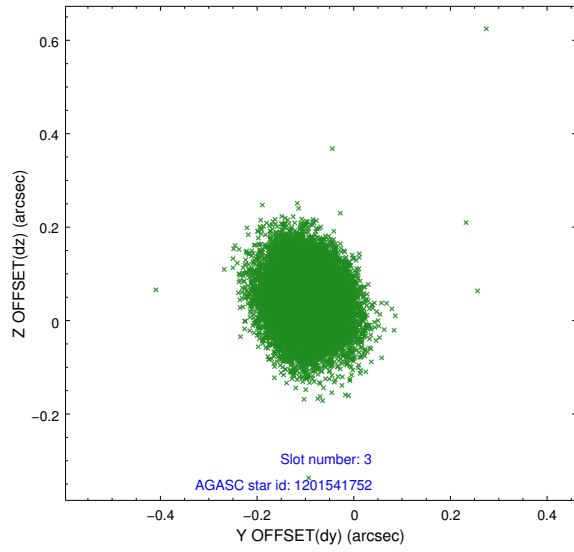


Slot Statistics

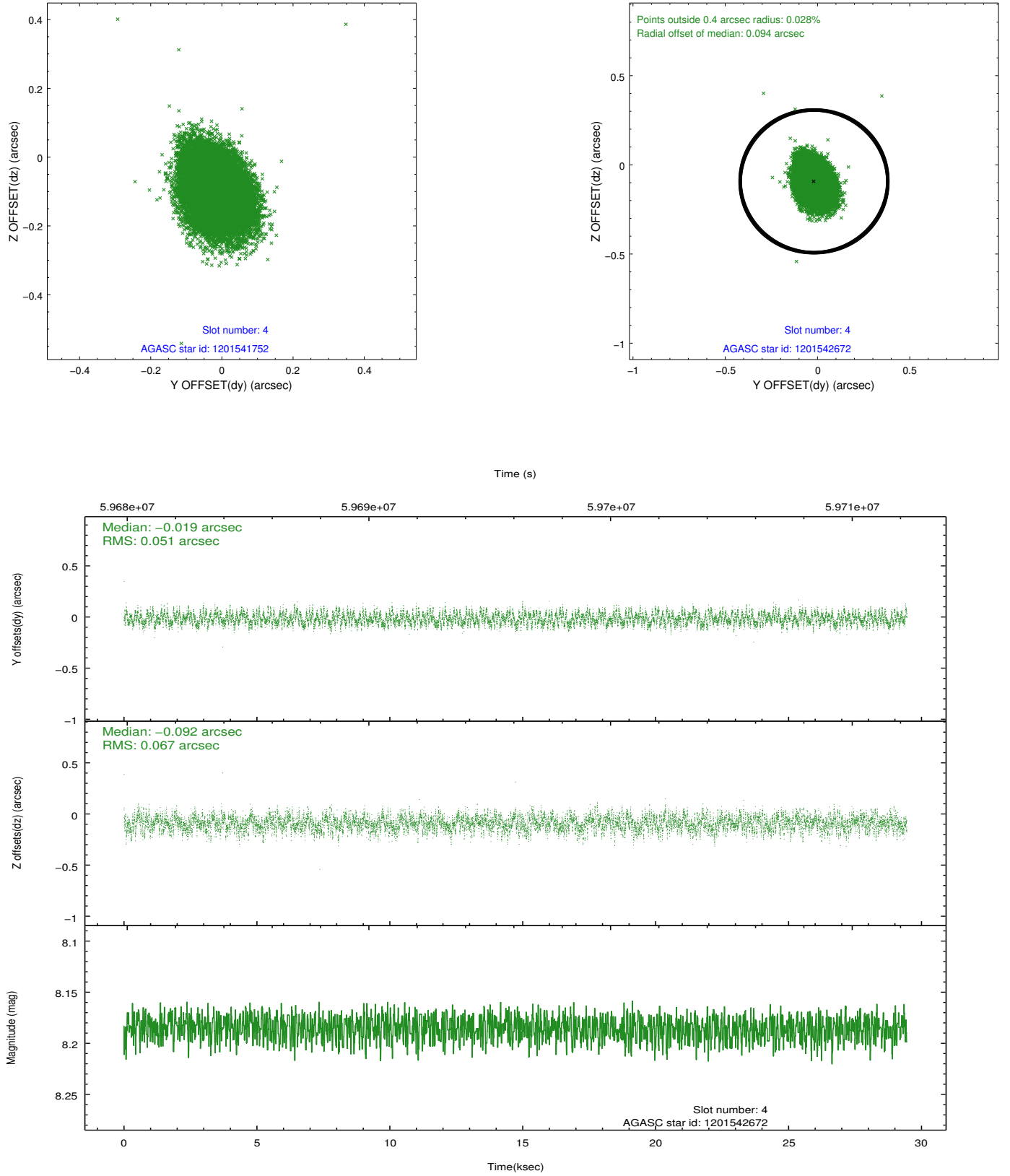
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-3	7.36	14364	0.014	-0.049	0.010	0.020	0.000000	0.000000	60.14	-1853.45
1	FID	ACIS-S-4	7.21	14363	0.043	0.017	0.007	0.013	0.000000	0.000000	2160.38	184.13
2	FID	ACIS-S-5	7.24	14364	-0.085	0.041	0.007	0.013	0.000000	0.000000	-1805.99	177.92
3	GUIDE	1201541752	7.29	14363	-0.100	0.047	0.080	0.129	85.373891	-70.033762	-711.56	-2394.59
4	GUIDE	1201542672	8.18	14362	-0.019	-0.092	0.089	0.143	84.492488	-69.957531	-1574.93	-1682.08
5	GUIDE	1201018384	9.08	14357	0.023	0.065	0.088	0.147	85.801362	-68.593260	2048.05	2029.54
6	GUIDE	1200886544	9.57	14357	0.023	-0.042	0.114	0.187	82.995430	-69.160893	-2113.32	1706.04
7	GUIDE	1201020088	10.55	14355	0.078	0.013	0.183	0.319	86.319248	-68.997756	2004.28	425.50

2.4 Star Slots

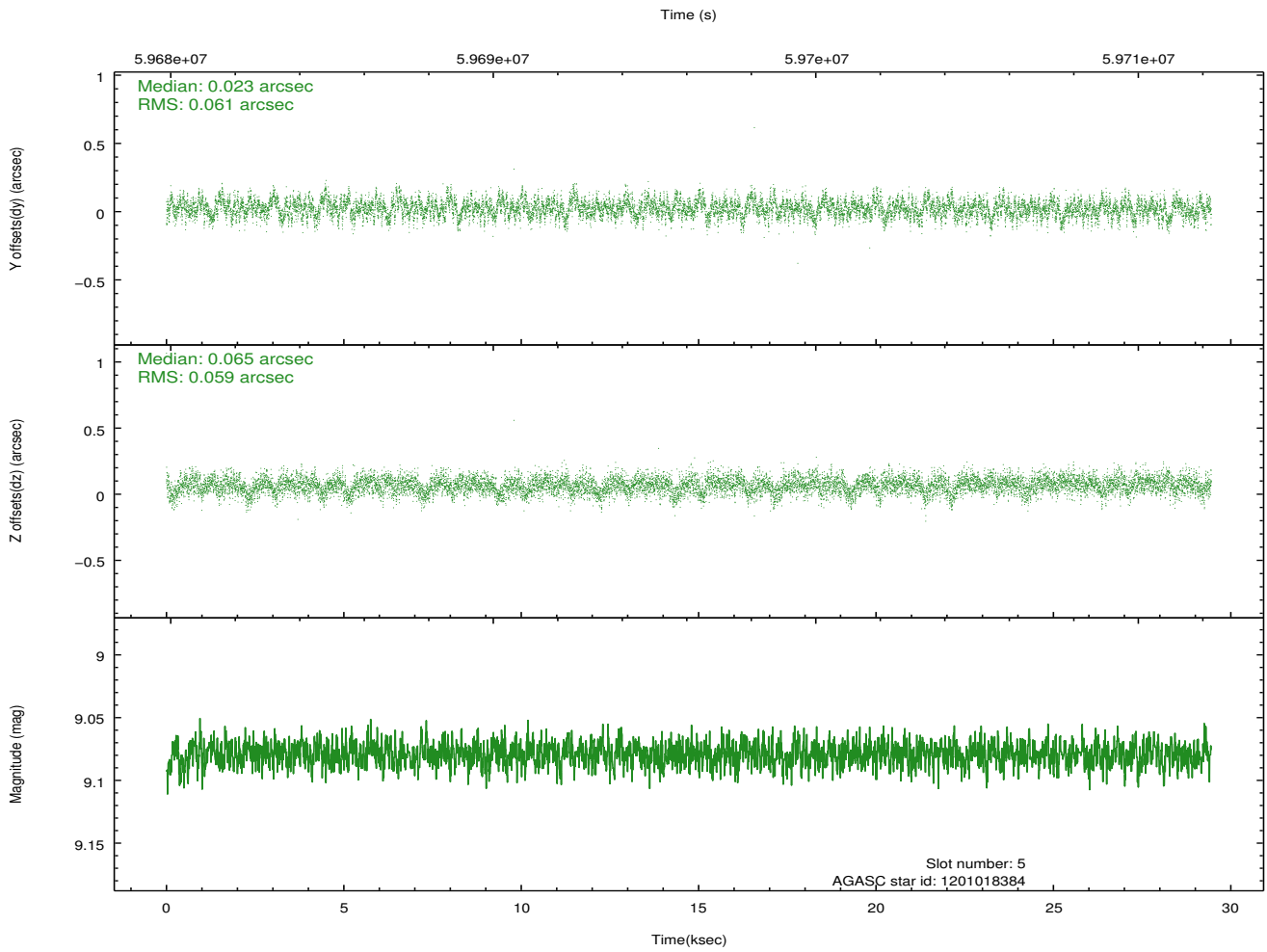
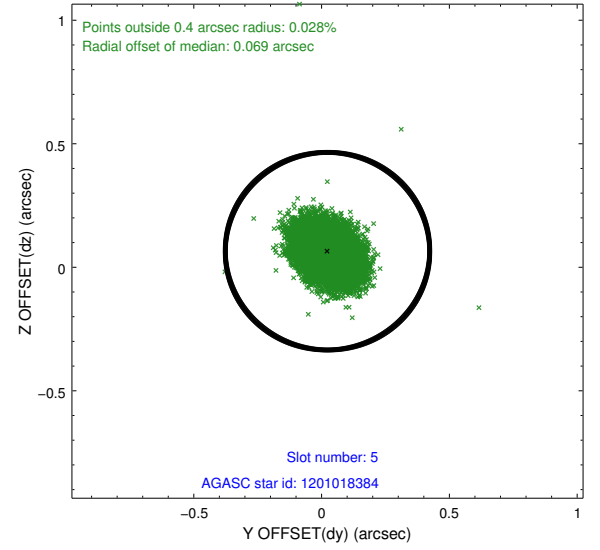
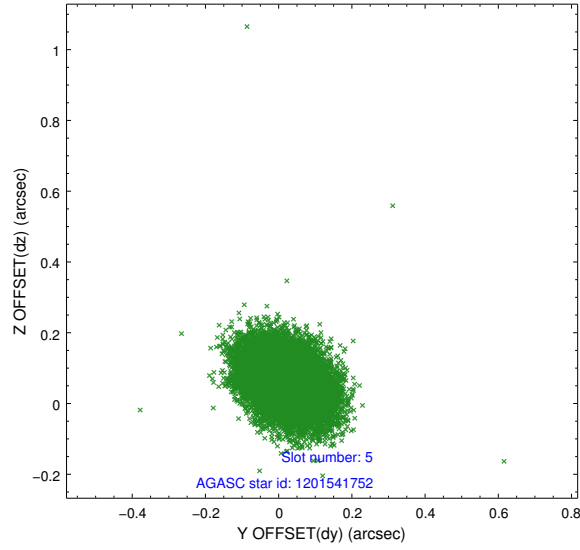
2.4.1 Slot 3



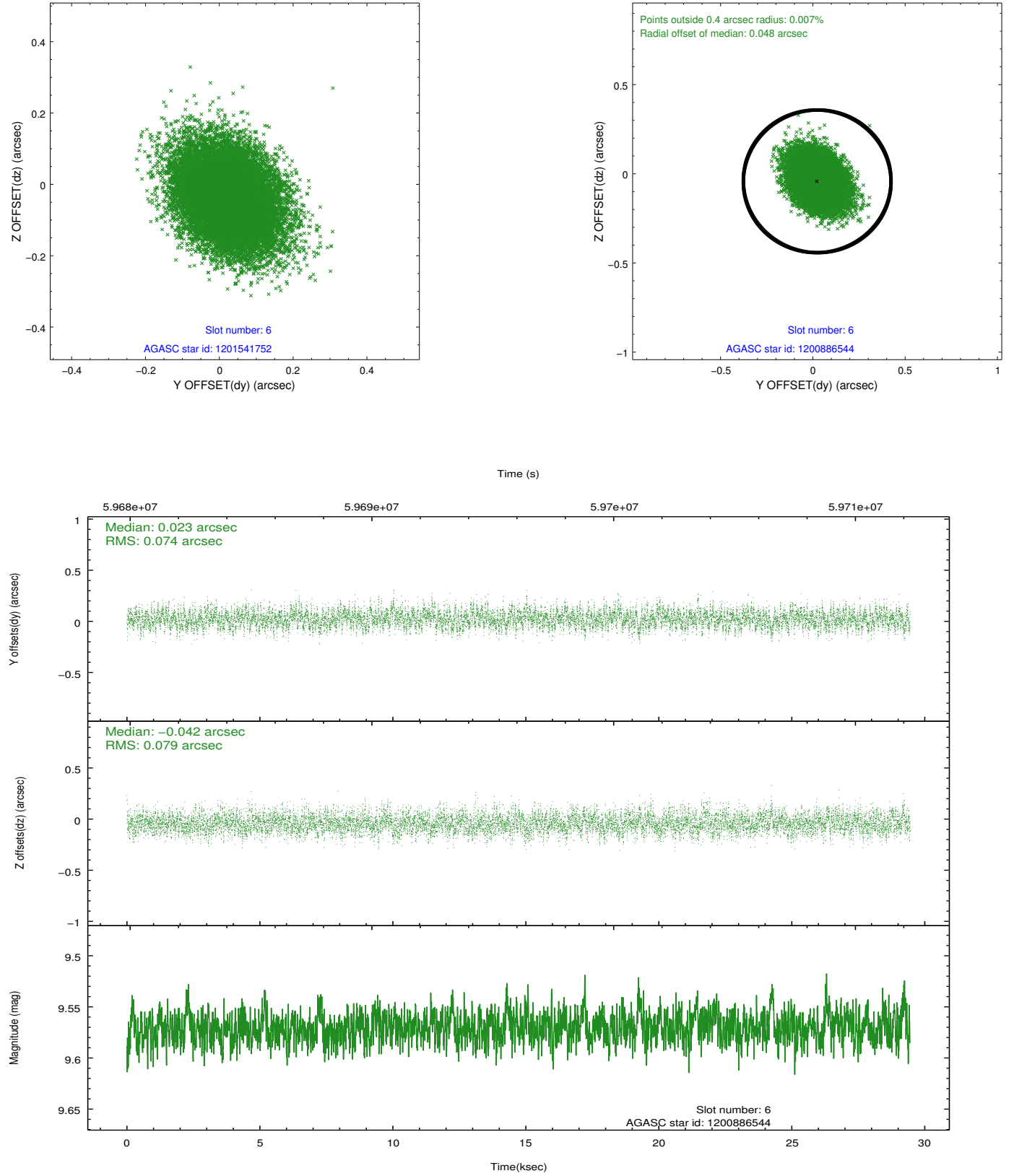
2.4.2 Slot 4



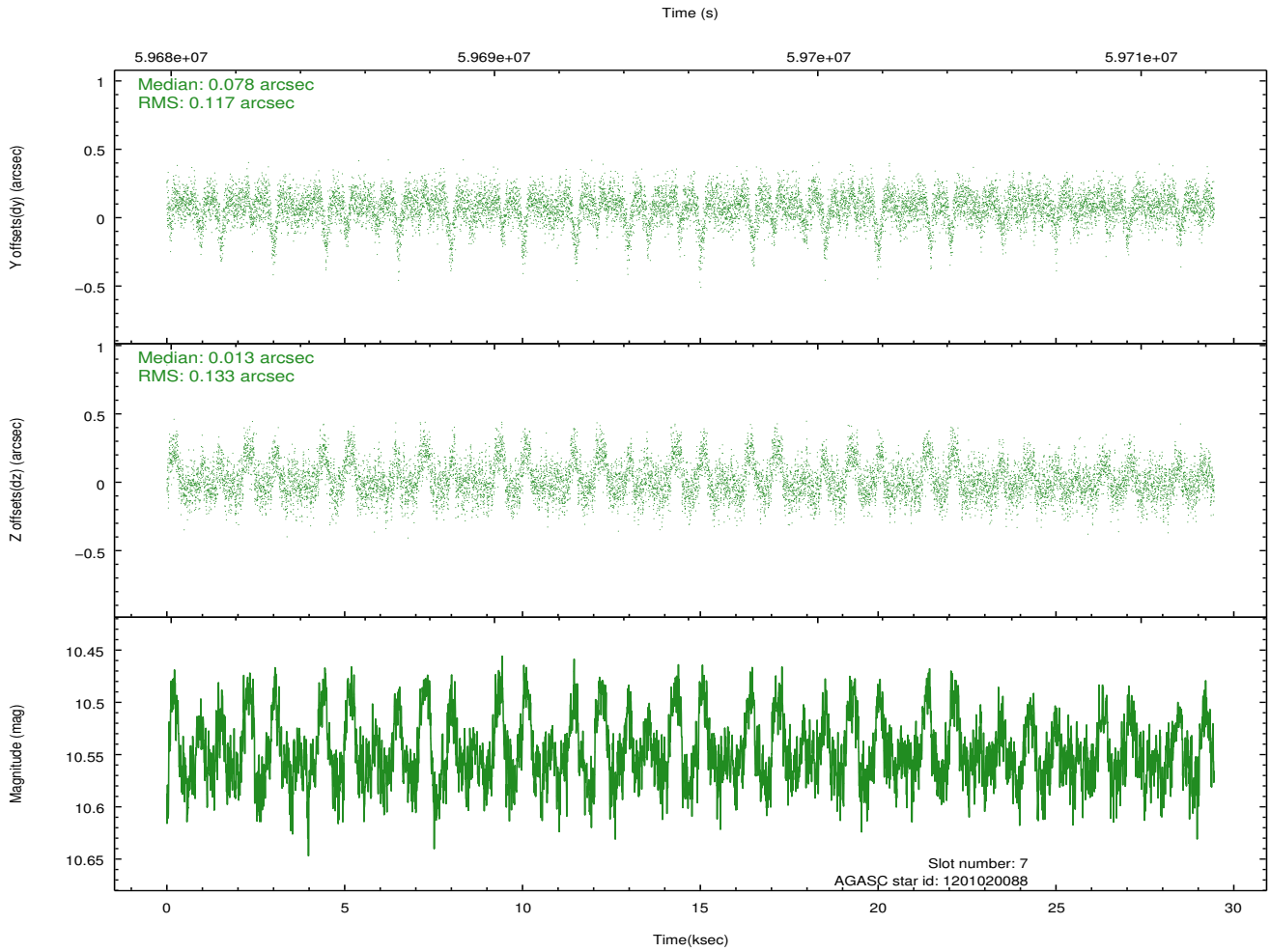
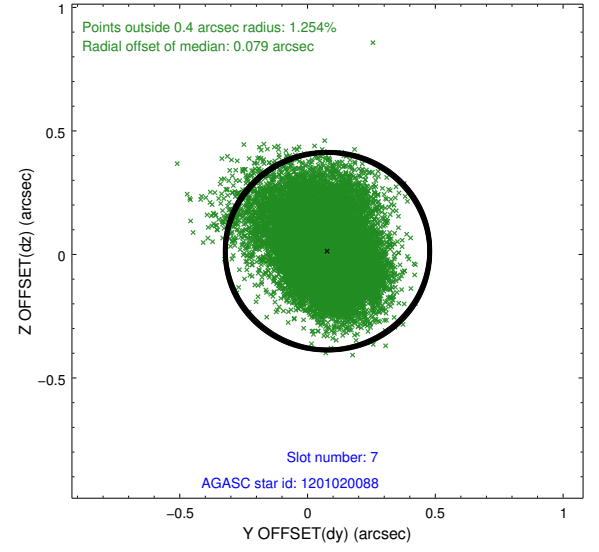
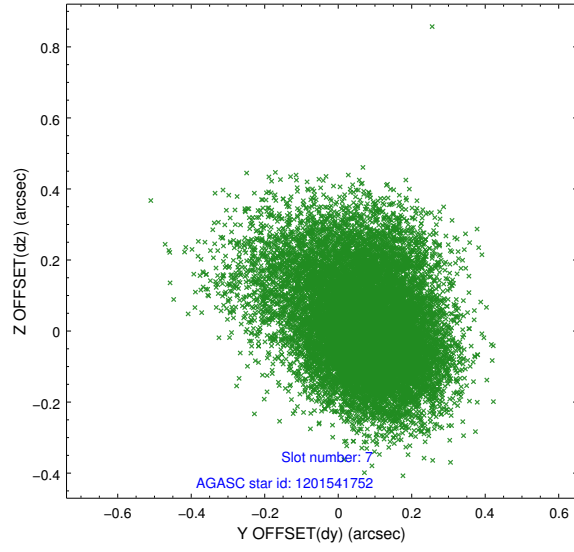
2.4.3 Slot 5



2.4.4 Slot 6

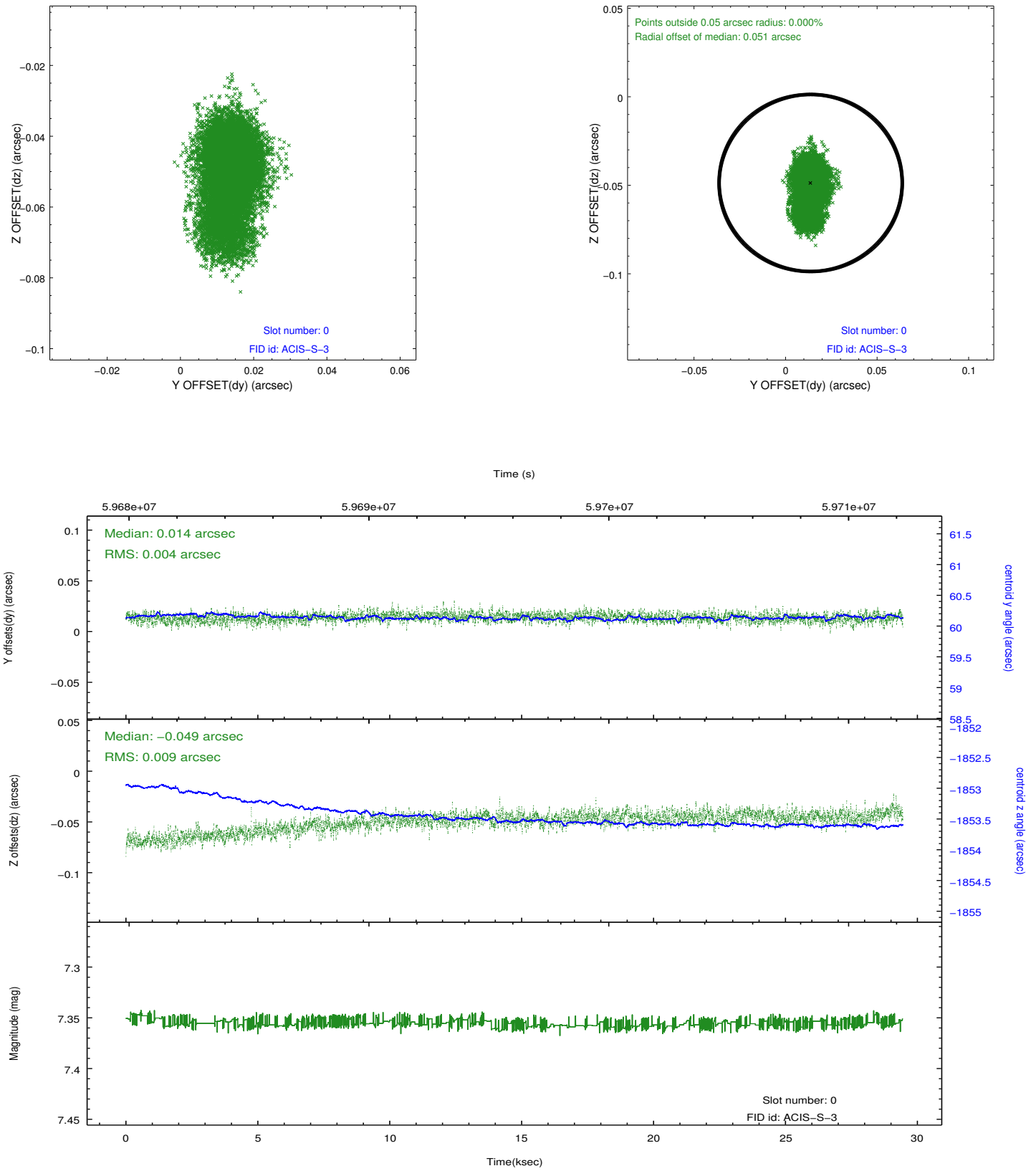


2.4.5 Slot 7

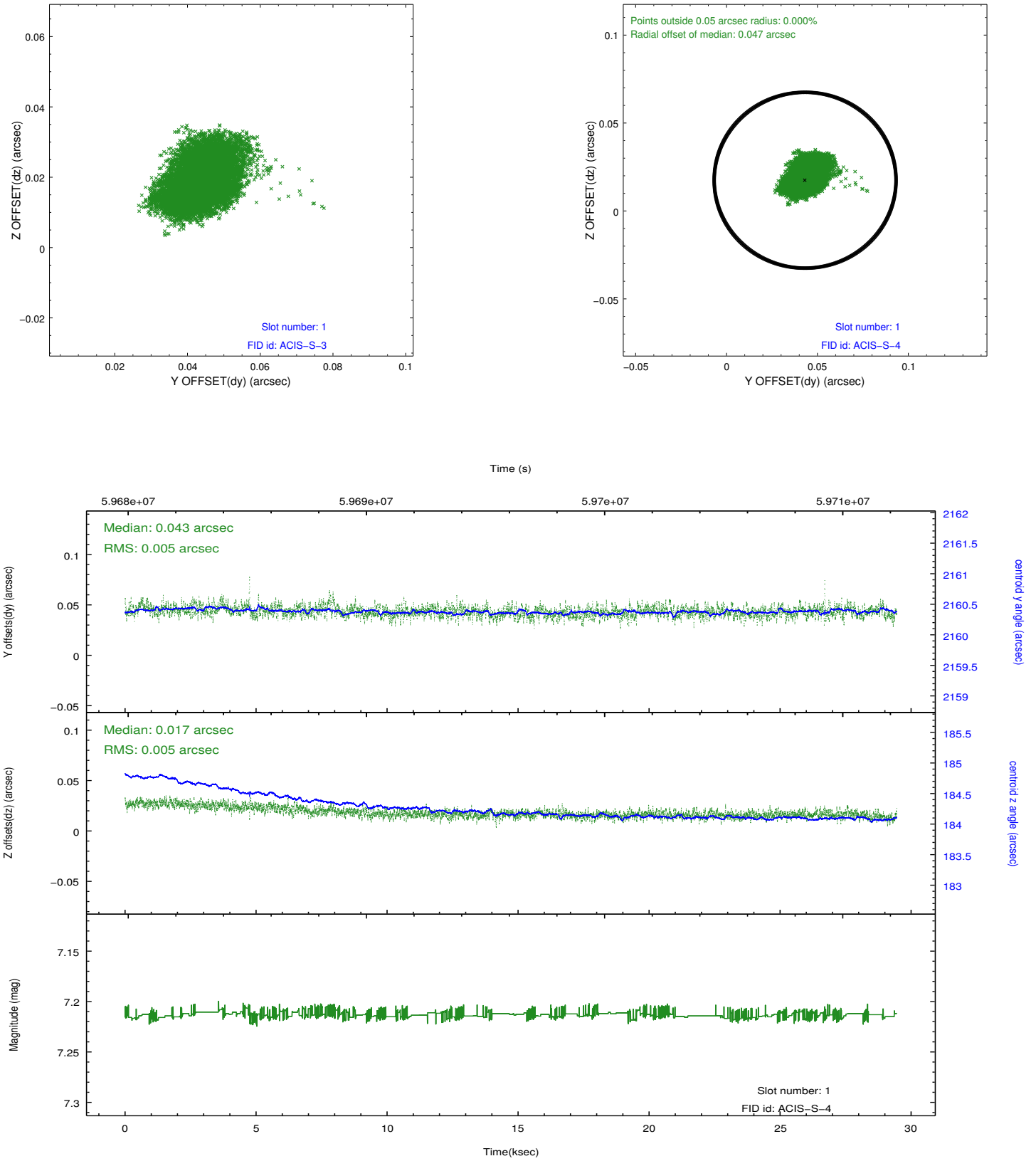


2.5 FID Slots

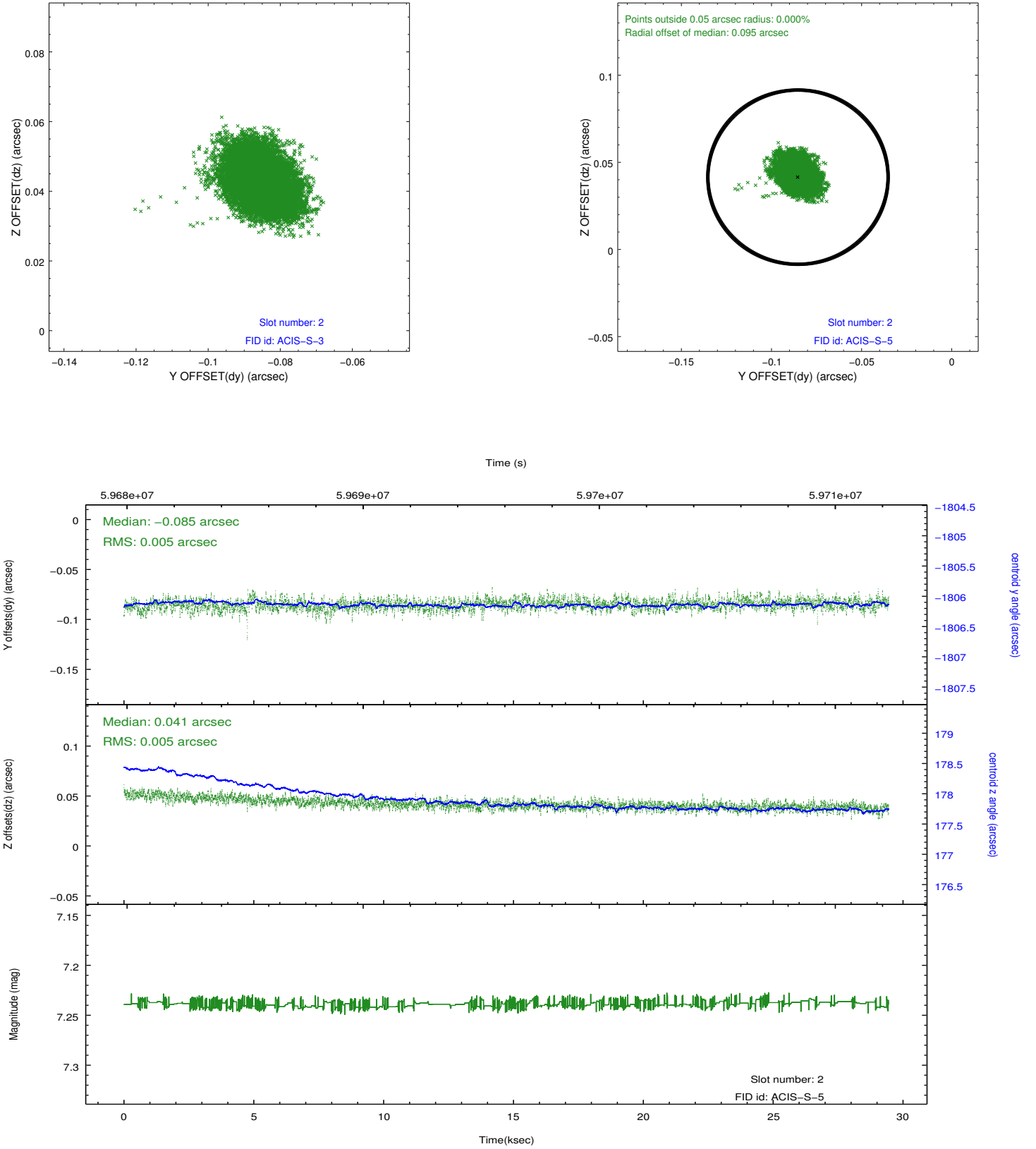
2.5.1 Slot 0



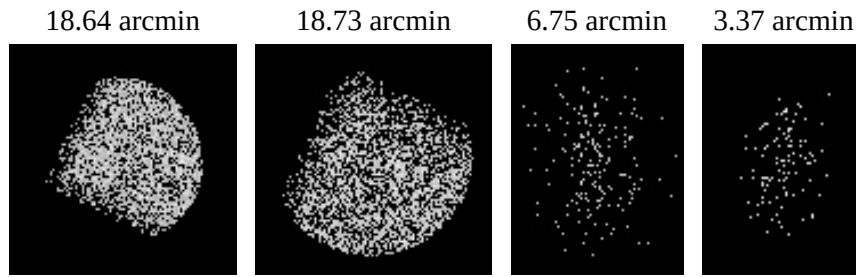
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2009.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	28.163

A.2 Comments

This observation was acquired with the focal plane temperature raised from -120C to -110C, for attempted recalibration of ACIS for the 1999-09-16 through 2000-01-28 period. This reprocessing of the data applies no CTI correction because none is available for that temperature.