

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9927 - L2 Version 2
Chandra X-Ray Center

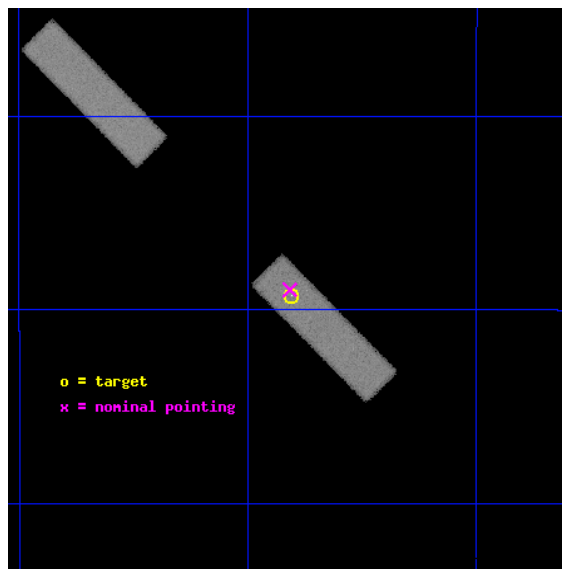
L2 Processing Date : Jun 4 2012

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1 Front

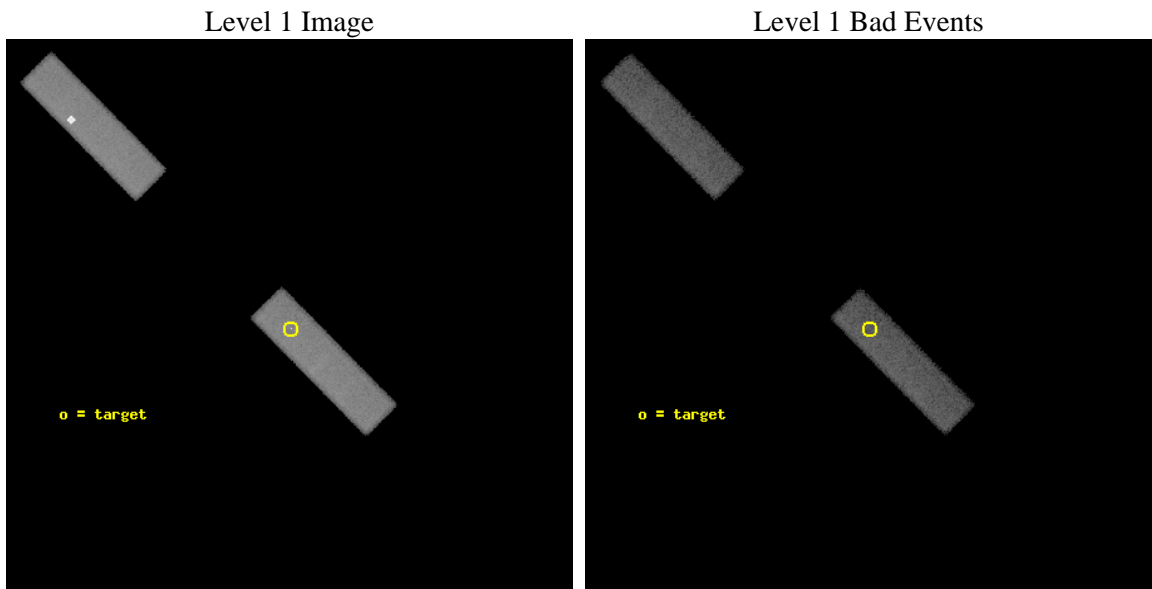
seq_num	200543	Sequence number
obs_id	9927	Observation id
title	X-RAY AND FUV PHOTO-IONIZATION/-EXCITATION OF TRANSITIONAL DISKS AROUND THE PMS STARS HD135344B and Lk Halpha 330	Proposal title
observer	Dr. Alexander Brown	Principal investigator
object	HD135344	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	228.9525	Observer's specified target RA [deg]
dec_targ	-37.154444	Observer's specified target Dec [deg]
ra_nom	228.95387759838	Nominal RA [deg]
dec_nom	-37.149713082727	Nominal Dec [deg]
roll_nom	45.233629885784	Nominal Roll [deg]
revision	2	Processing version of data
ontime	33167.699121356	Sum of GTIs [s]
livetime	31721.211860516	Livetime [s]
ontime5	33167.699121356	Sum of GTIs [s]
ontime7	33167.699121356	Sum of GTIs [s]
l2events	117852	Number of level 2 events



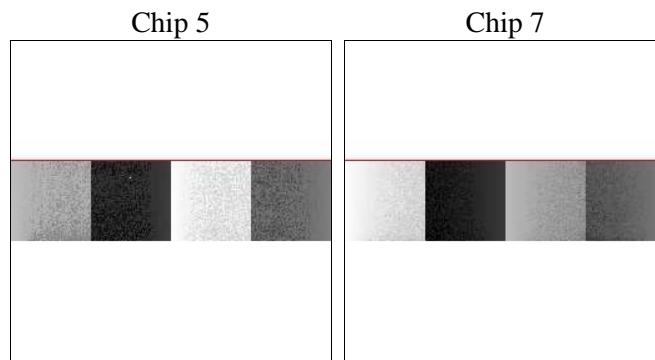
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	33000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	33167.699121356	Sum of GTIs [s]
caldbver	4.4.9	 	ontime5	33167.699121356	Sum of GTIs [s]
date	2012-06-04T14:54:33	Date and time of file creation	ontime7	33167.699121356	Sum of GTIs [s]
revision	2	Processing version of data	l1events	302776	Number of level 1 events

2.1.4 Events

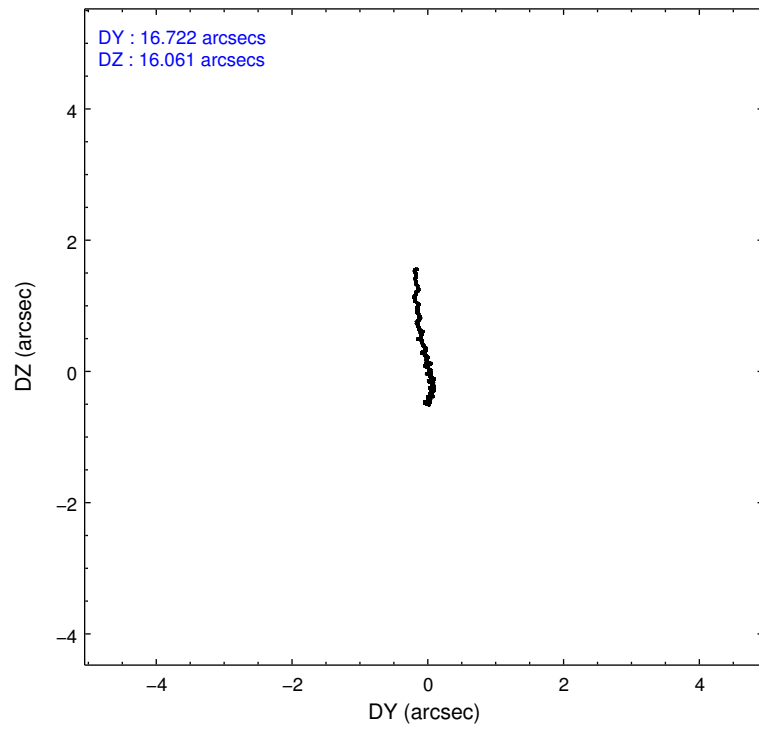
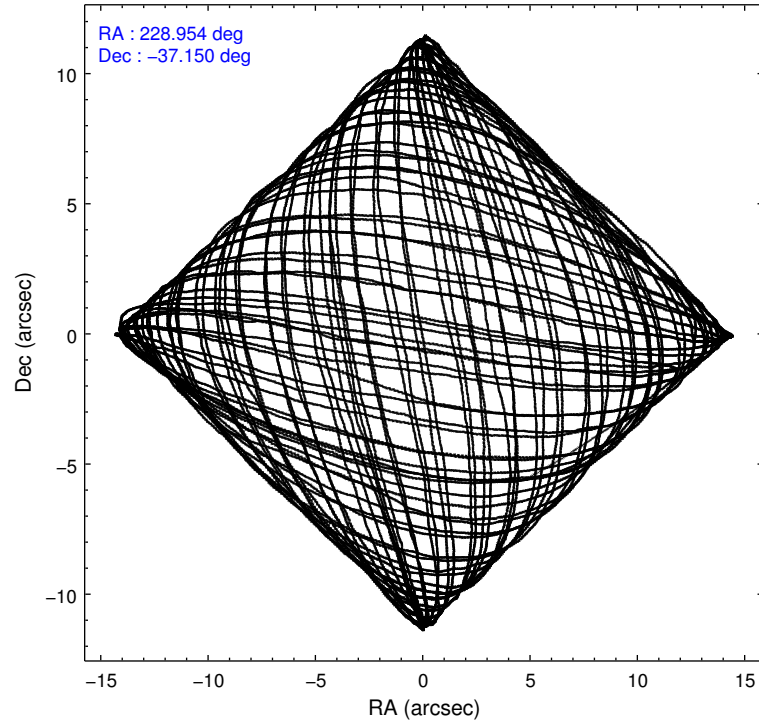
	ccd 5	ccd 7
level 1 events	173516	129260
rejected events	76284	72233
rejected %	43%	55%

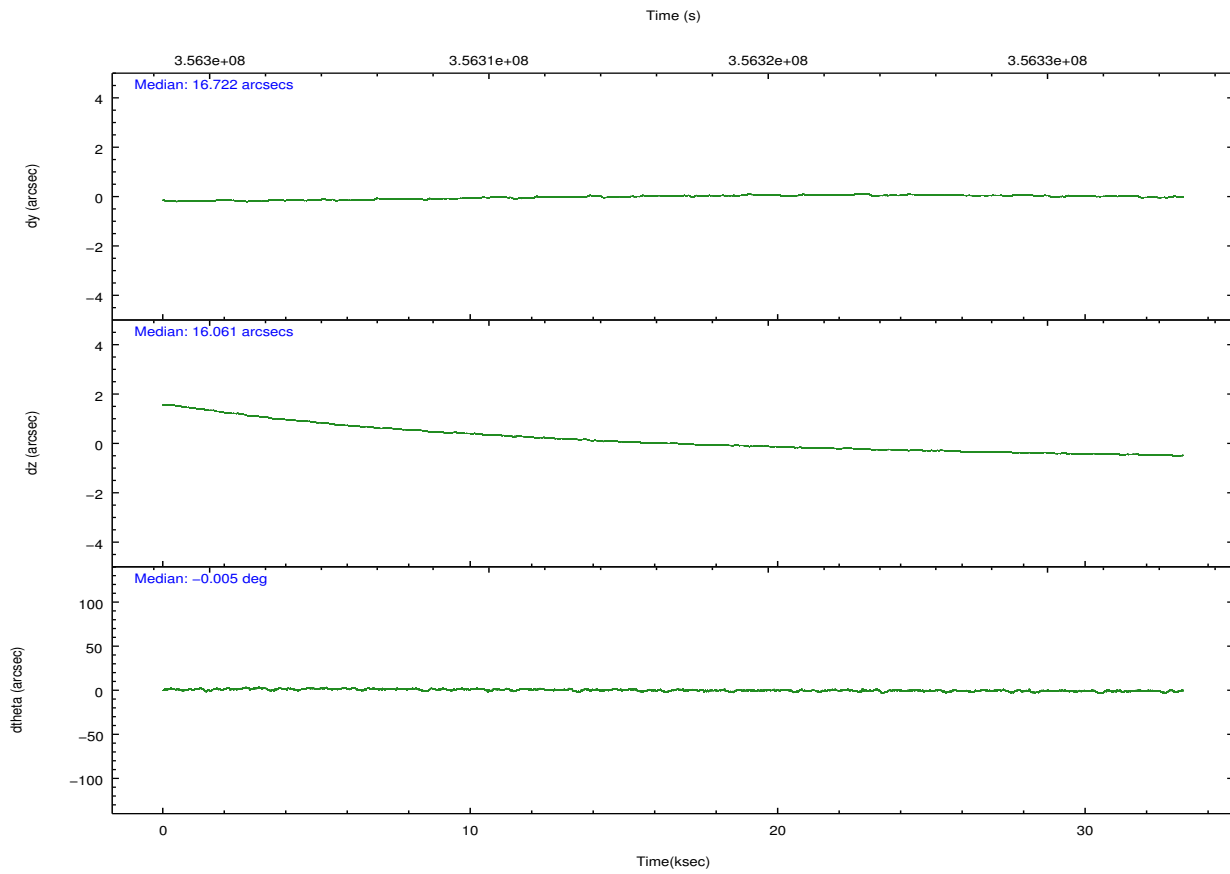
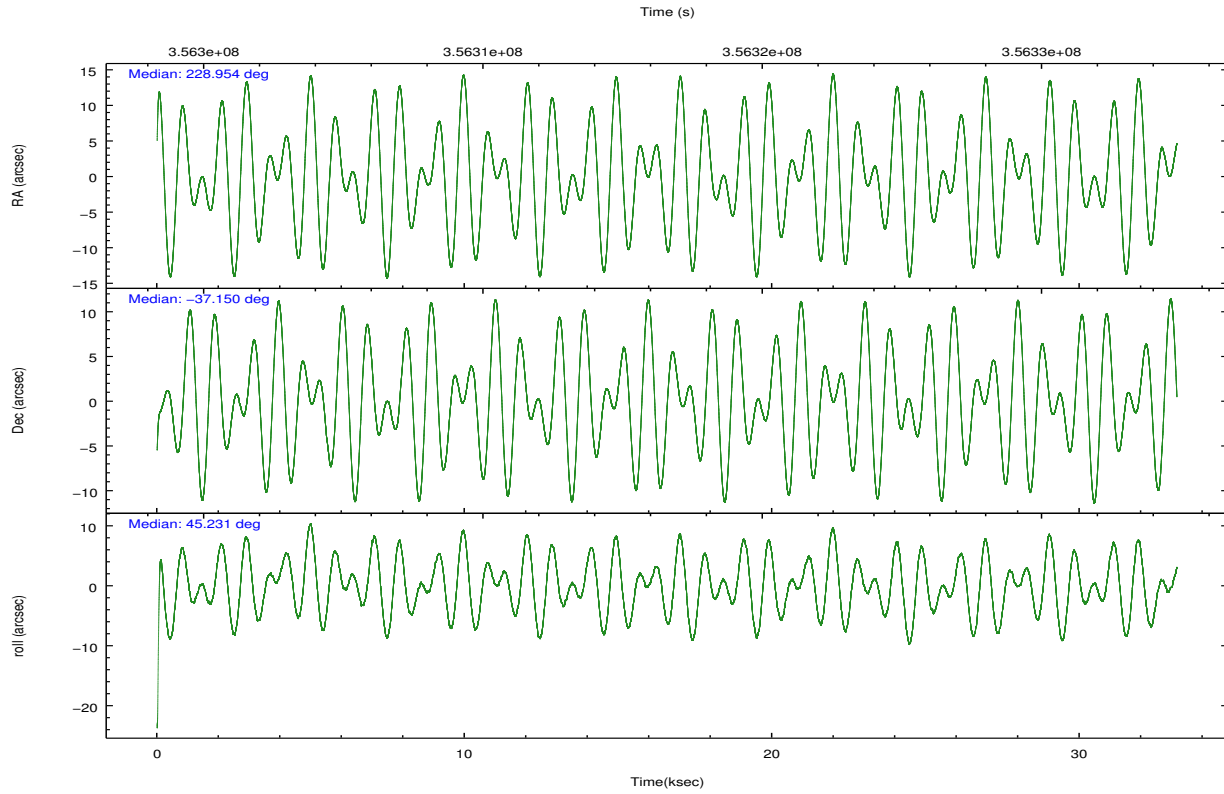
	ccd 5	ccd 7
grade 0 events	39259	6294
	22%	4%
grade 1 events	304	140
	0%	0%
grade 2 events	20681	12295
	11%	9%
grade 3 events	3980	6070
	2%	4%
grade 4 events	3919	6055
	2%	4%
grade 5 events	11142	12193
	6%	9%
grade 6 events	33059	28423
	19%	21%
grade 7 events	61172	57790
	35%	44%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-57	ACIS-57	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	228.945584	228.9538775983823	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	-37.176251	-37.14971308272699	Subarray start row	385	385
[deg] Pointing Roll	45.072003	45.23362988578386	Subarray row count	256	256
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.9
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	356300183.184000	356298772.35134			
Observation start date	2009-04-16T20:15:17	2009-04-16T19:52:52			
[s] Observation end time (MET)	356333183.184000	356334182.0031			
Observation end date	2009-04-17T05:25:17	2009-04-17T05:43:02			
Read mode	TIMED	TIMED			

2.3 Aspect



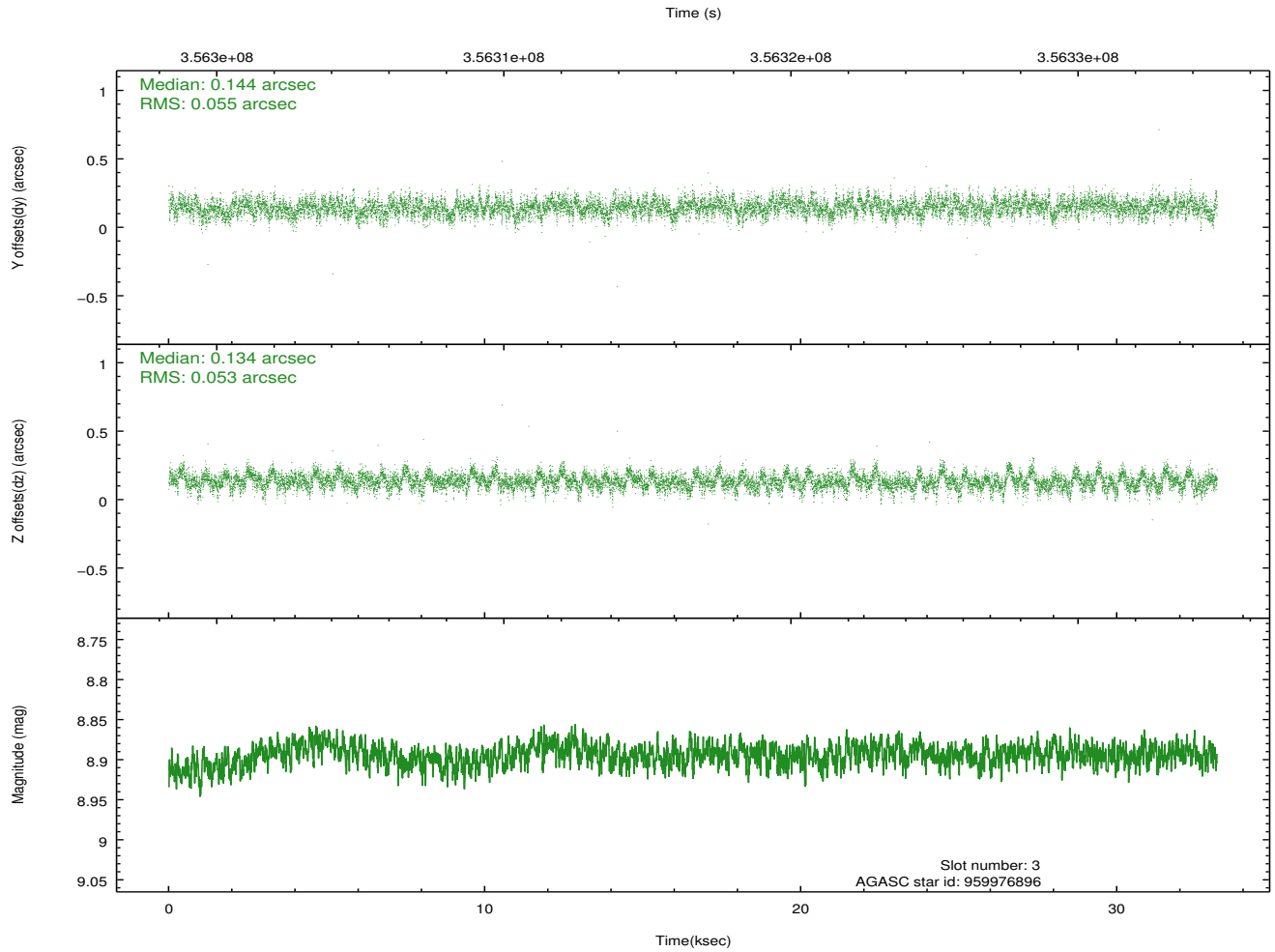
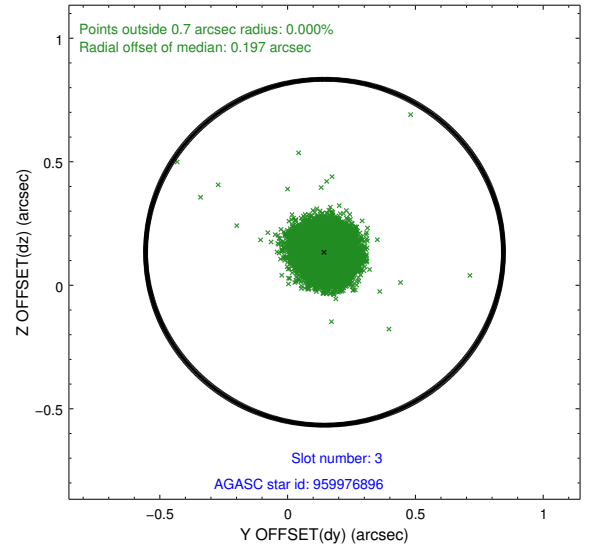
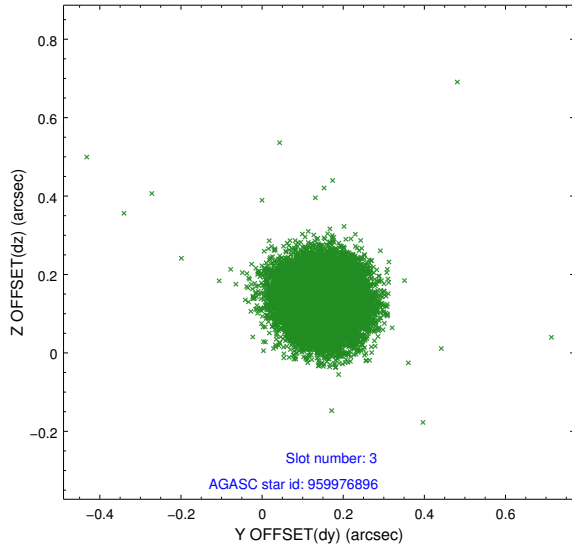


Slot Statistics

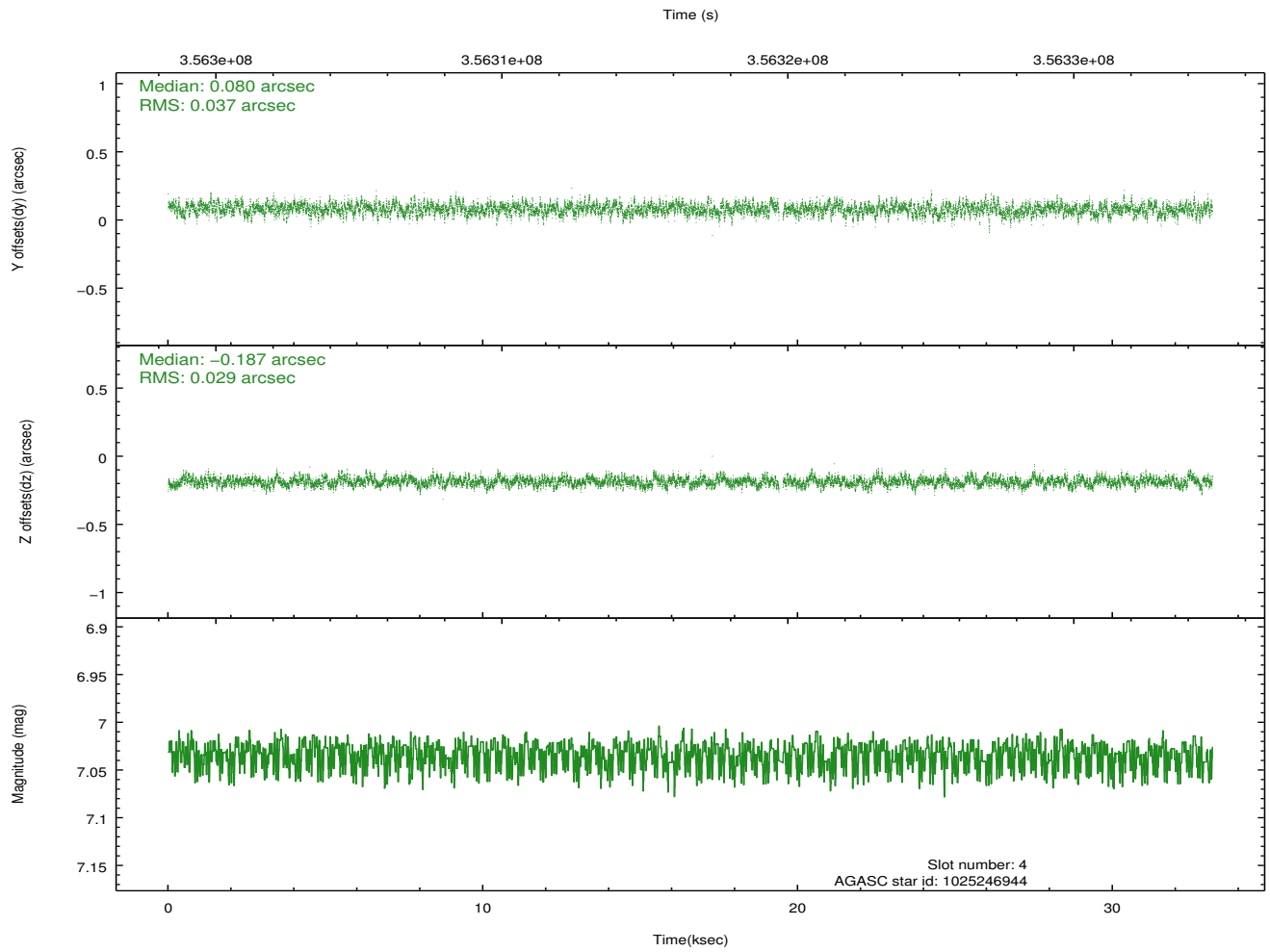
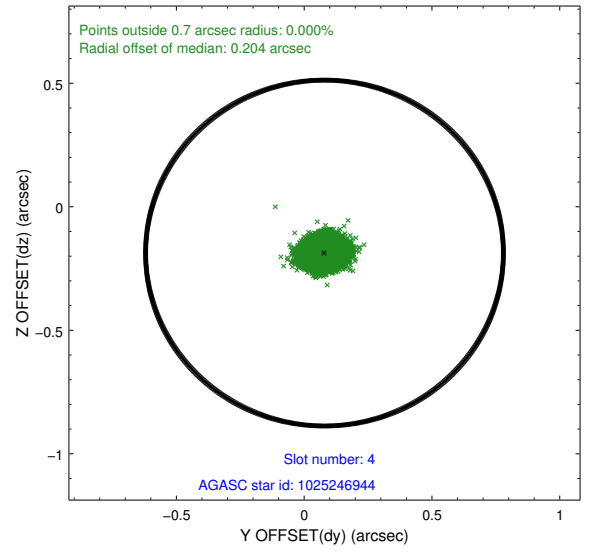
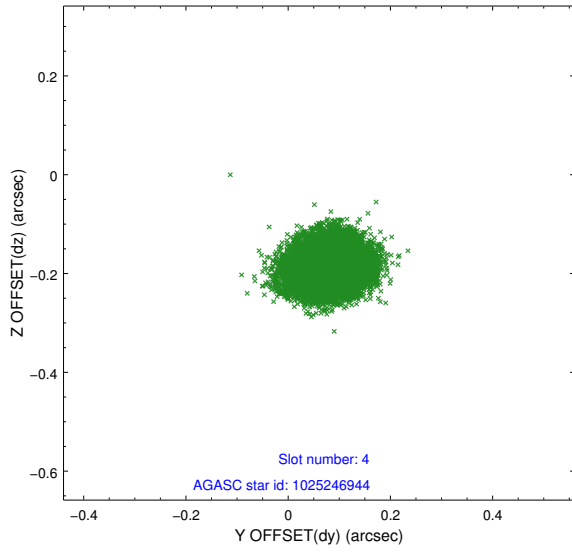
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	6.98	8089	0.115	-0.075	0.021	0.033	0.000000	0.000000	926.41	-1733.30
1	FID	ACIS-S-2	6.93	8090	-0.107	0.011	0.014	0.024	0.000000	0.000000	-769.69	-1737.80
2	FID	ACIS-S-6	7.14	8090	-0.029	0.070	0.014	0.029	0.000000	0.000000	391.94	808.13
3	GUIDE	959976896	8.89	16176	0.144	0.134	0.080	0.129	229.416168	-36.921013	1604.82	-312.01
4	GUIDE	1025246944	7.03	16118	0.080	-0.187	0.050	0.081	228.422014	-37.545651	-1999.90	115.81
5	GUIDE	959971960	8.27	16171	-0.020	-0.079	0.062	0.101	227.933074	-37.272008	-2303.60	1799.22
6	GUIDE	959978624	8.02	16177	-0.254	-0.188	0.058	0.093	229.342601	-36.573641	2344.38	717.99
7	GUIDE	1025248816	8.93	16166	0.053	0.318	0.071	0.115	228.987437	-38.079418	-2217.91	-2379.88

2.4 Star Slots

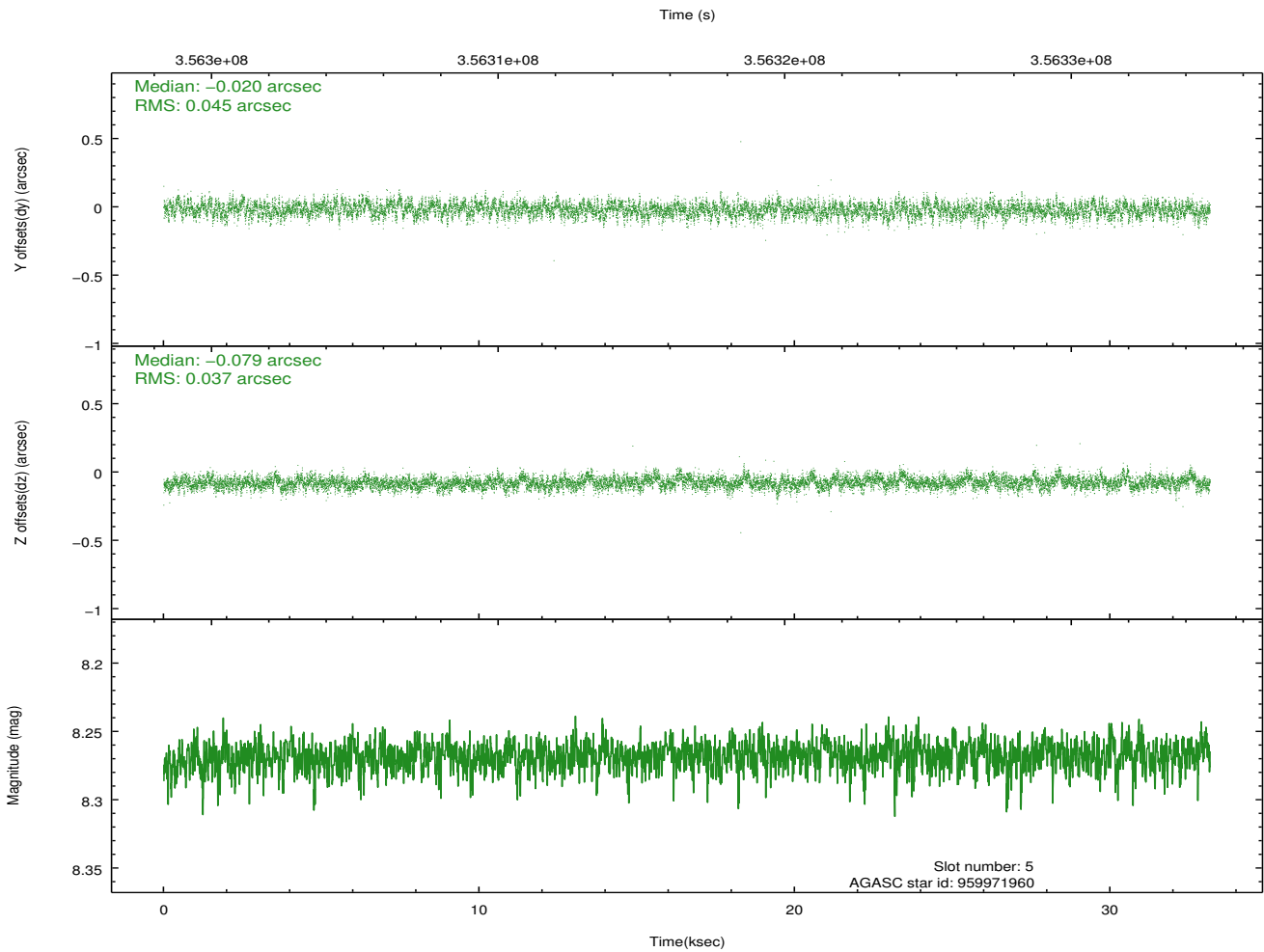
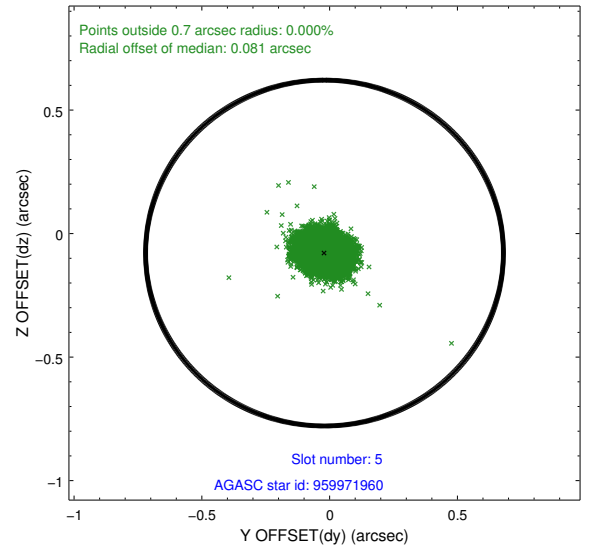
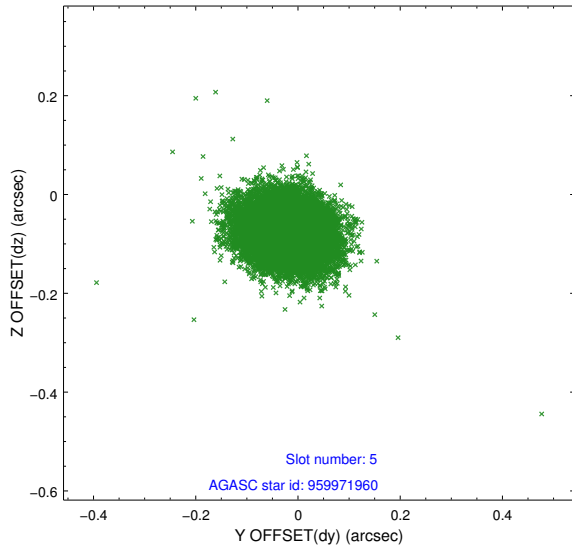
2.4.1 Slot 3



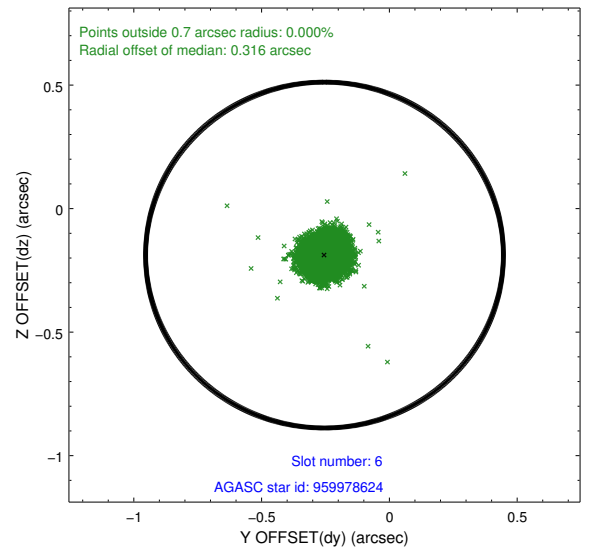
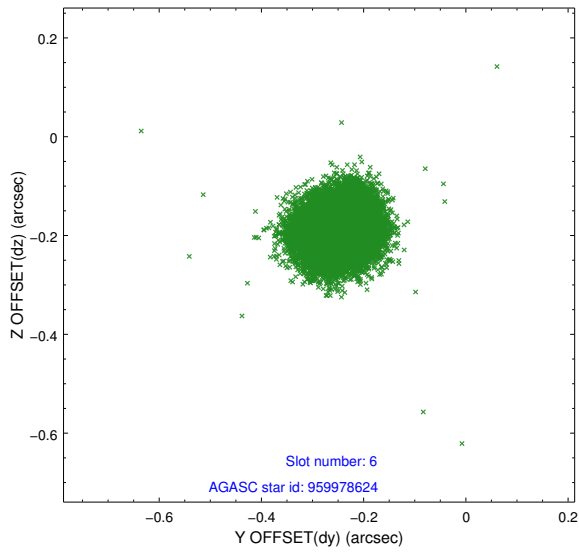
2.4.2 Slot 4



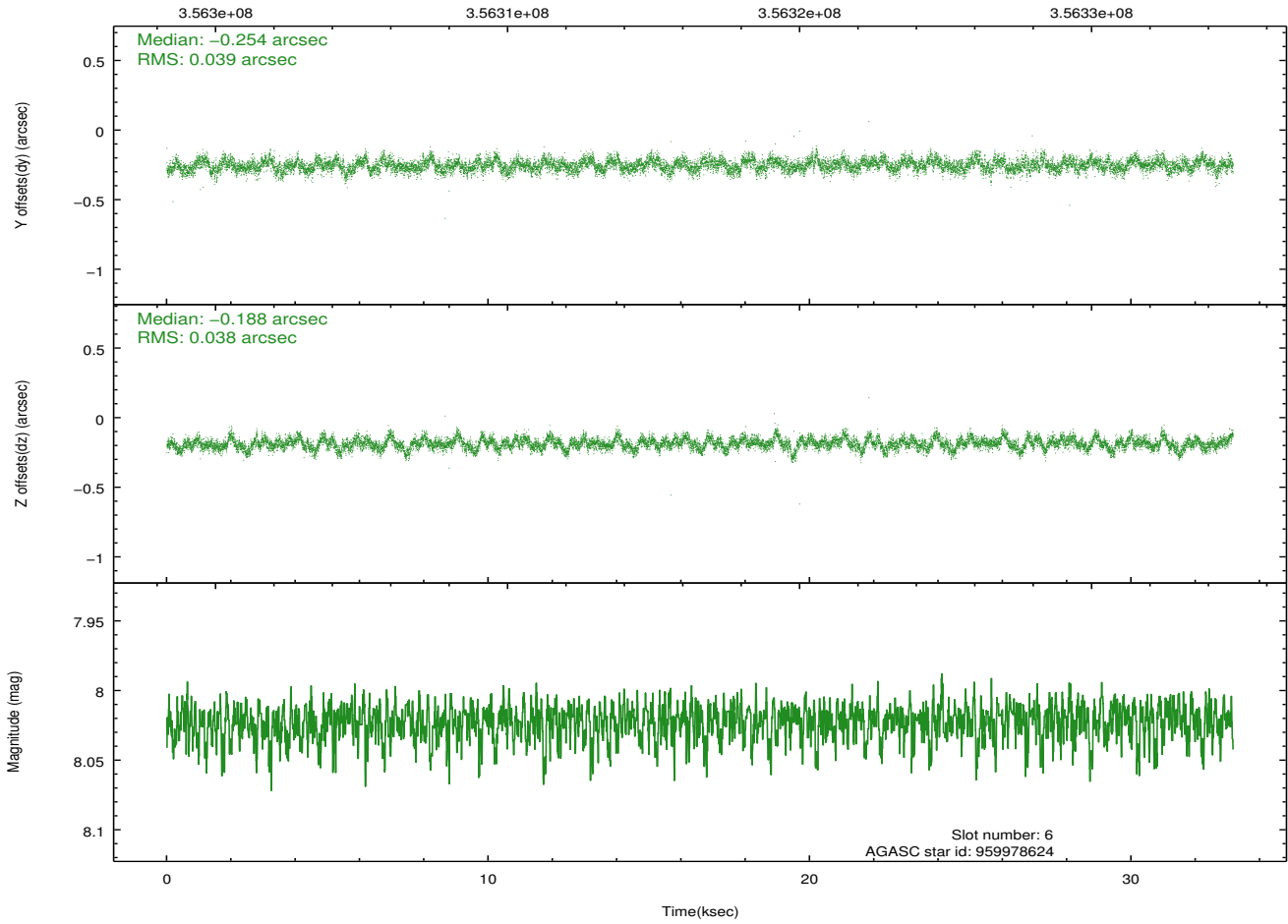
2.4.3 Slot 5



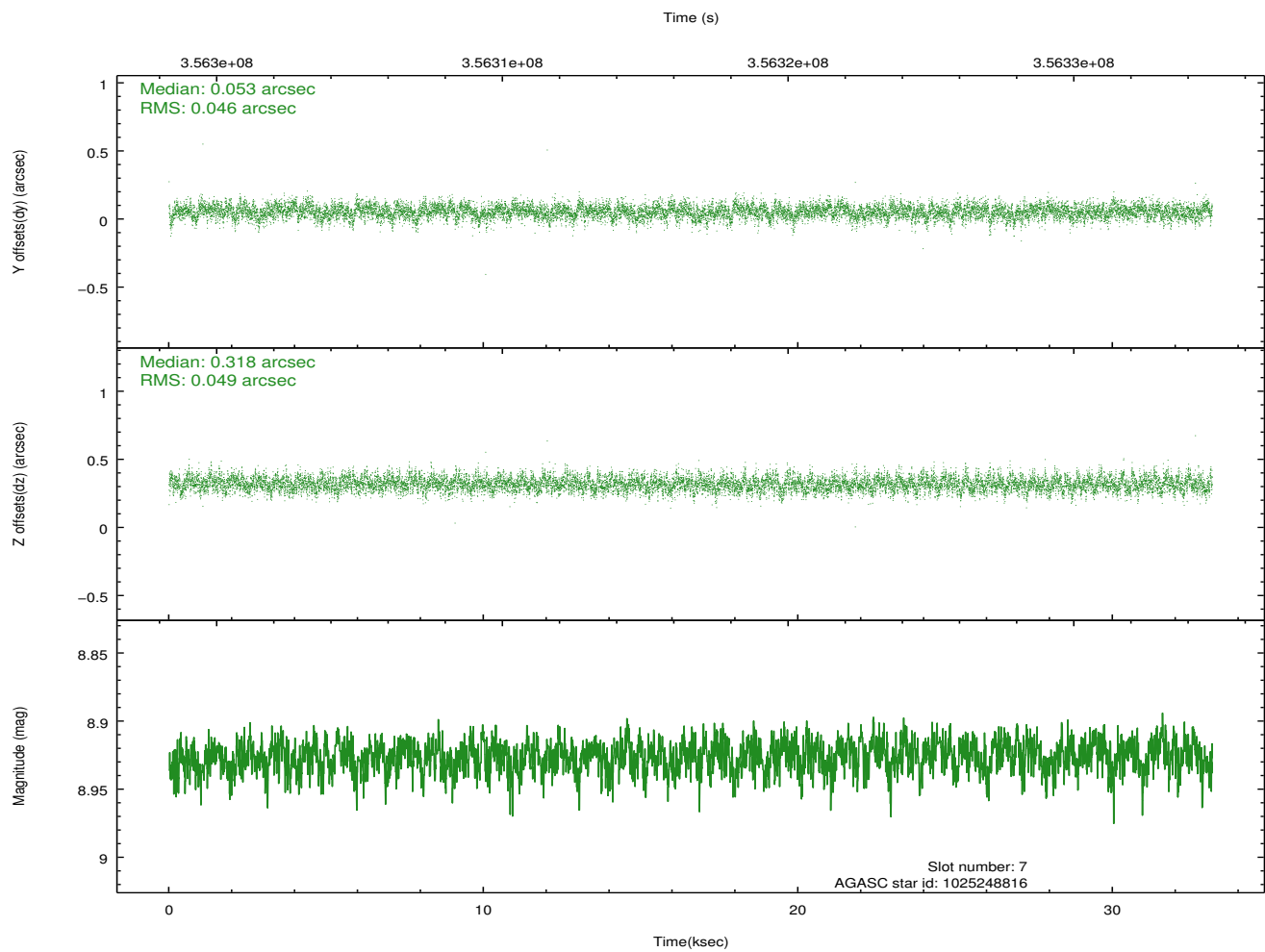
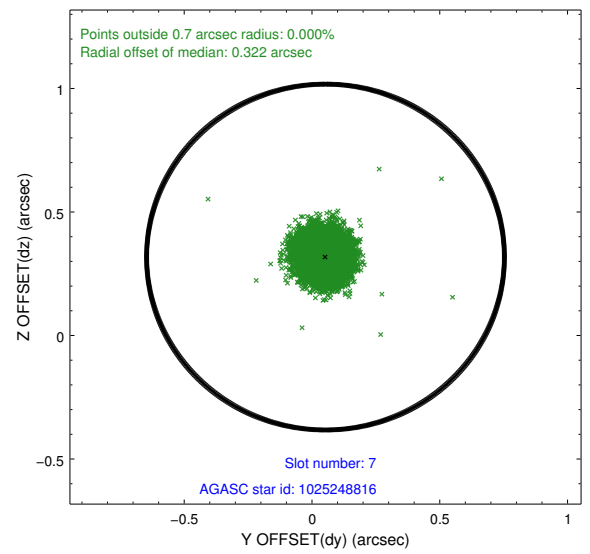
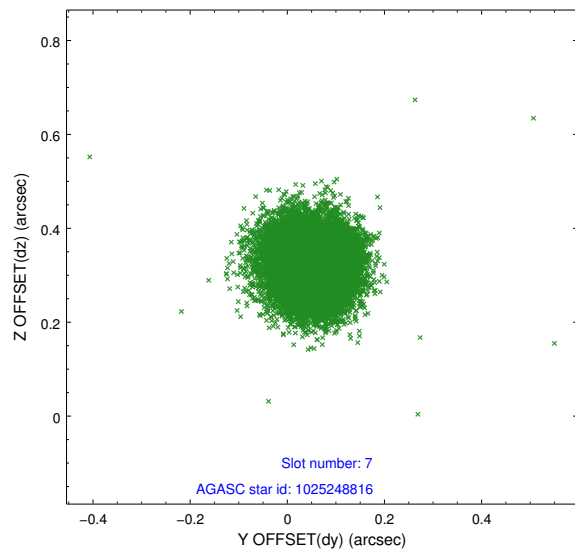
2.4.4 Slot 6



Time (s)

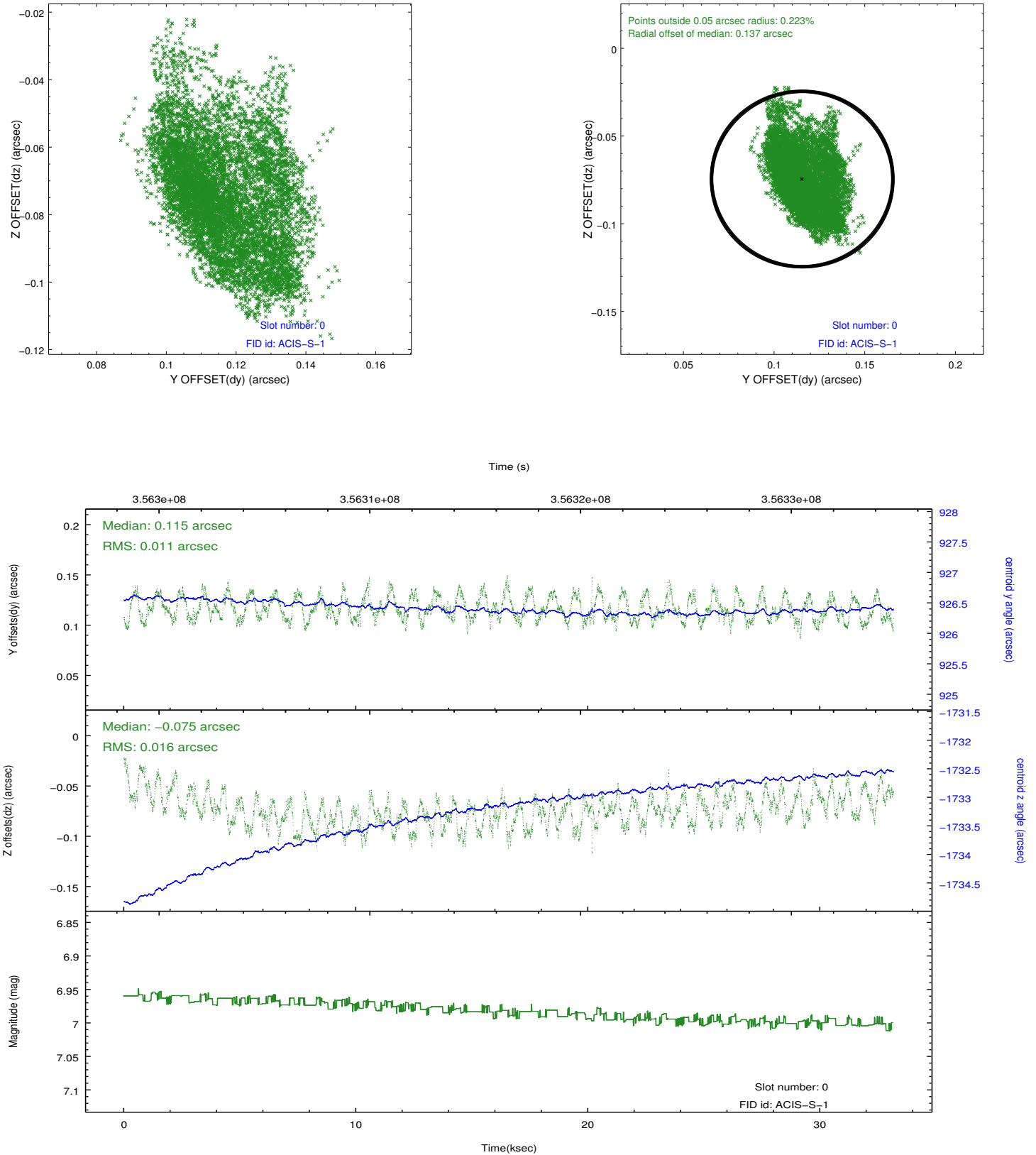


2.4.5 Slot 7

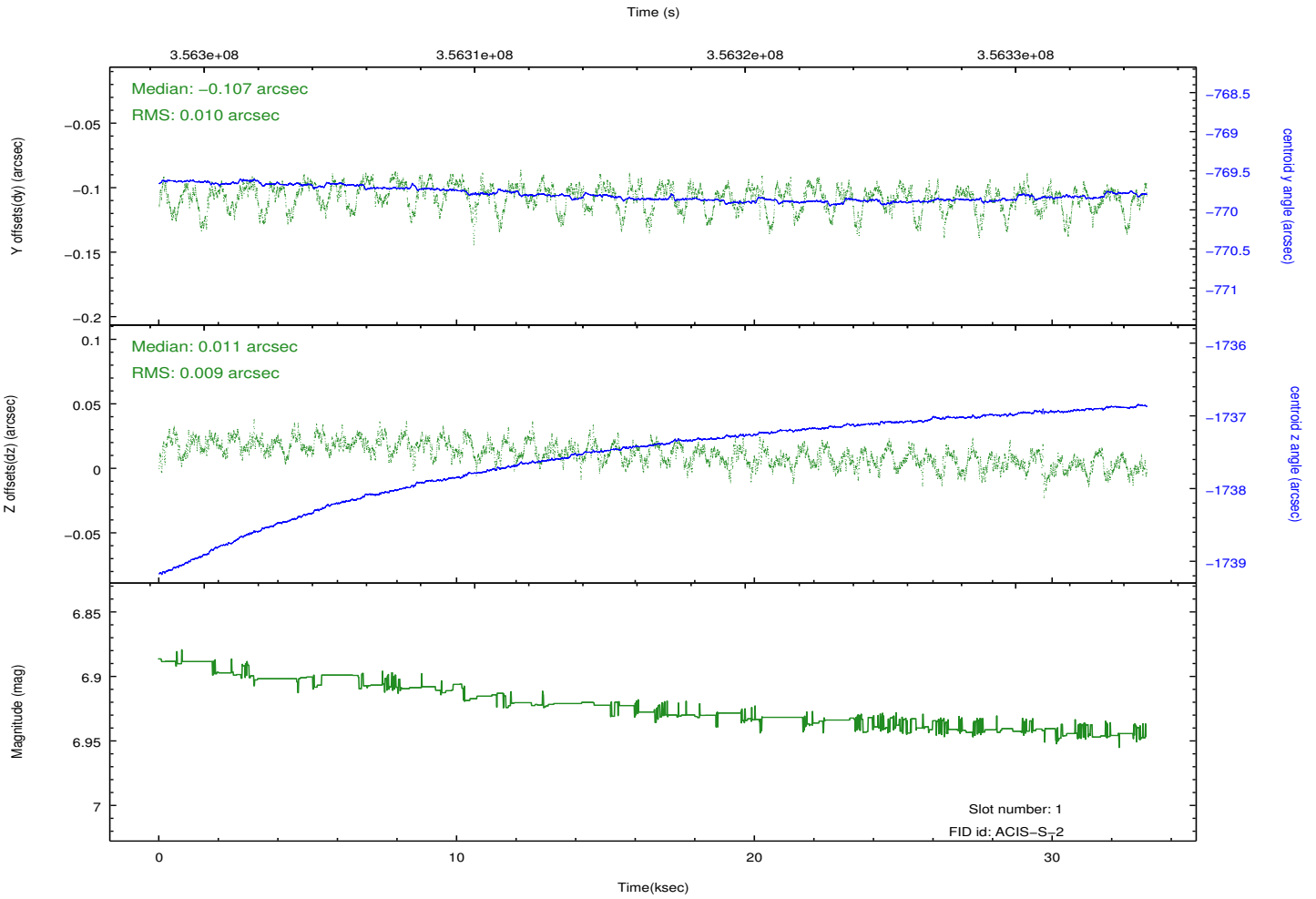
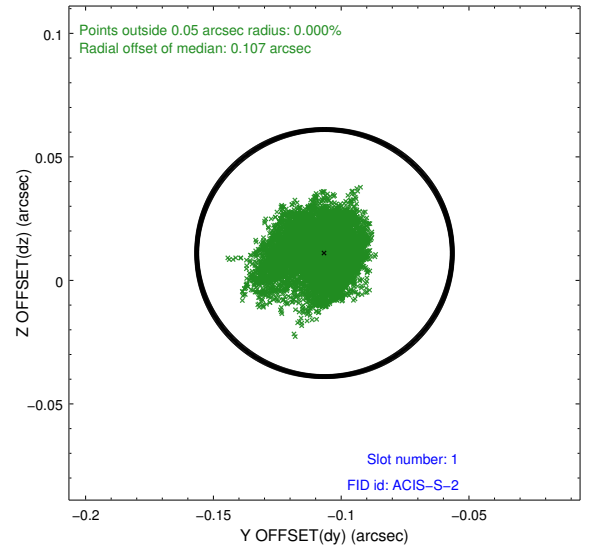
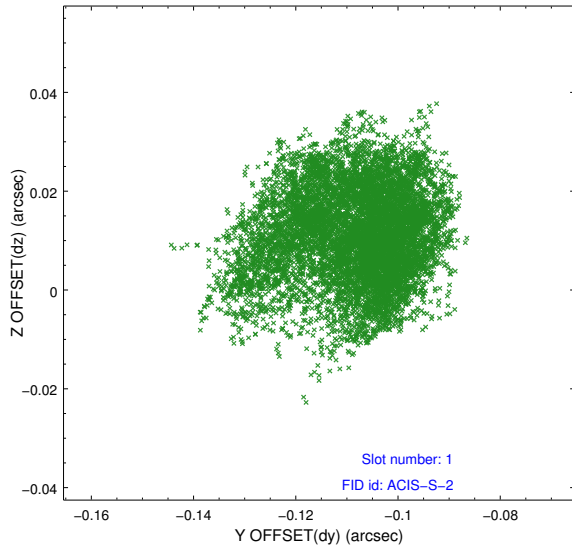


2.5 FID Slots

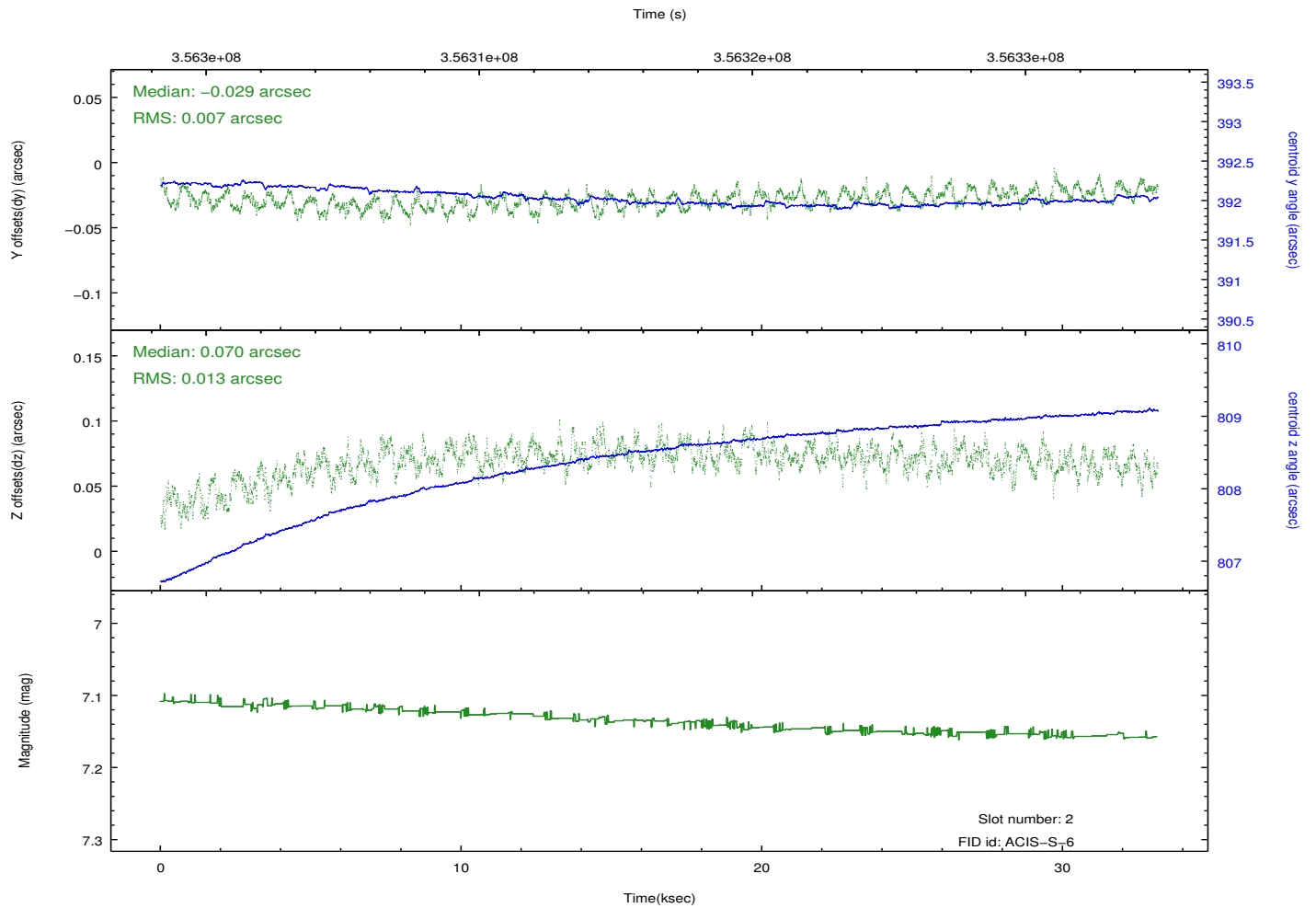
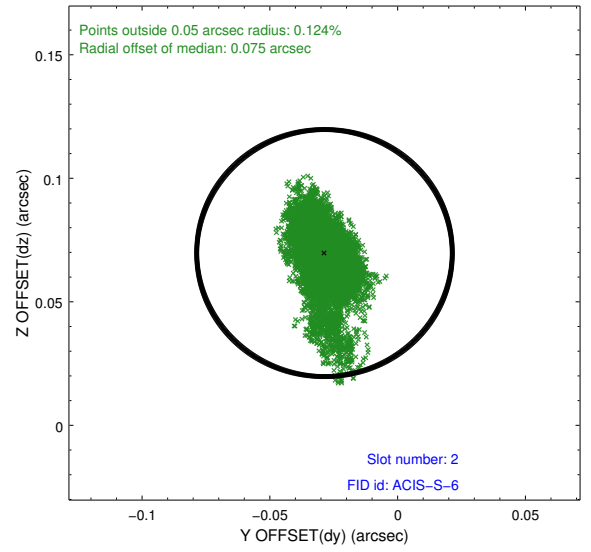
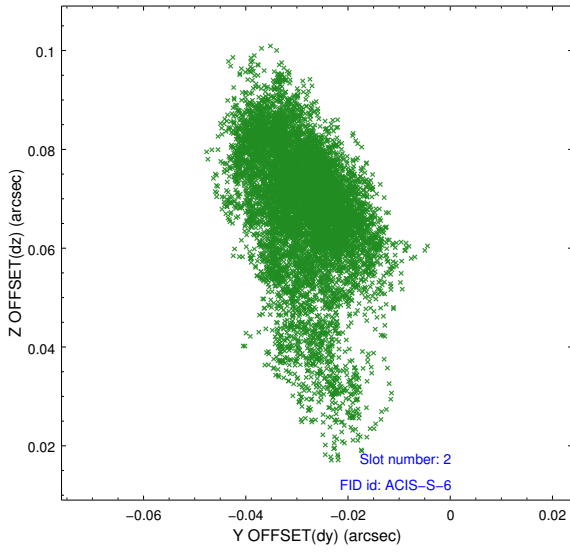
2.5.1 Slot 0



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)	2012.06.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	33.1676991

A.2 Comments

Joint proposal with HST.