

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10279 - L2 Version 2
Chandra X-Ray Center

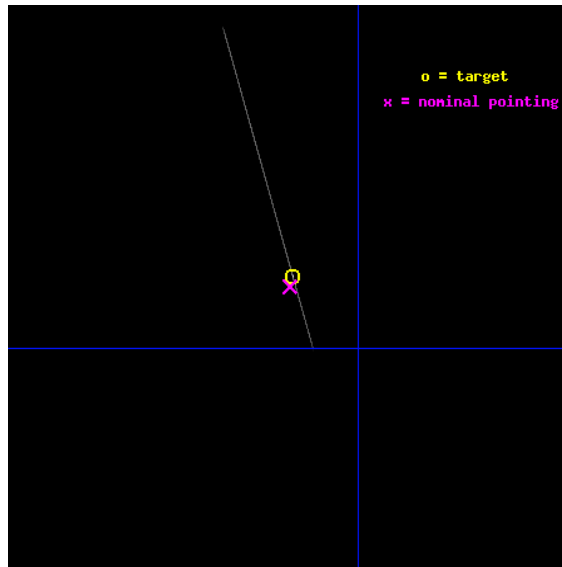
L2 Processing Date : Jun 9 2012

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1 Front

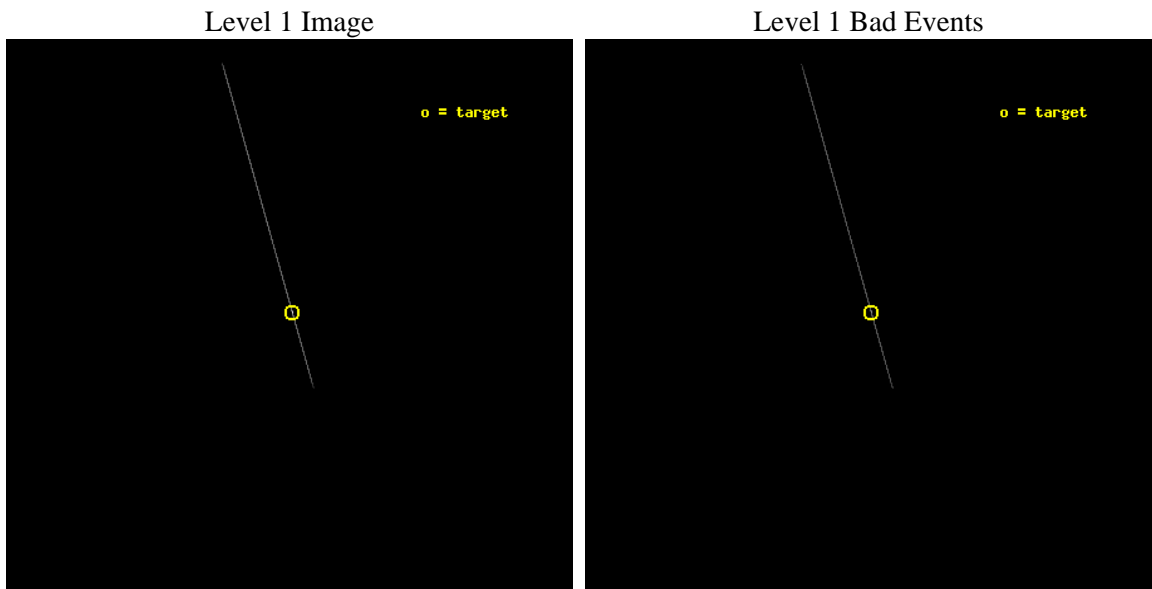
seq_num	701822	Sequence number
obs_id	10279	Observation id
title	The Disk-Jet Connection in Seyfert-1 AGN	Proposal title
observer	Dr Jon Miller	Principal investigator
object	NGC 4051	Source name
ra_targ	180.79	Observer's specified target RA [deg]
dec_targ	44.531333	Observer's specified target Dec [deg]
ra_nom	180.79179308589	Nominal RA [deg]
dec_nom	44.526635322548	Nominal Dec [deg]
roll_nom	254.10695379743	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10184.25	Sum of GTIs [s]
livetime	10144.467773438	Livetime [s]
ontime7	10184.25	Sum of GTIs [s]
l2events	120965	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	10184.25	Sum of GTIs [s]
caldbver	4.4.10	 	ontime7	10184.25	Sum of GTIs [s]
date	2012-06-09T07:55:22	Date and time of file creation	l1events	139987	Number of level 1 events
revision	2	Processing version of data			

2.1.3 Events

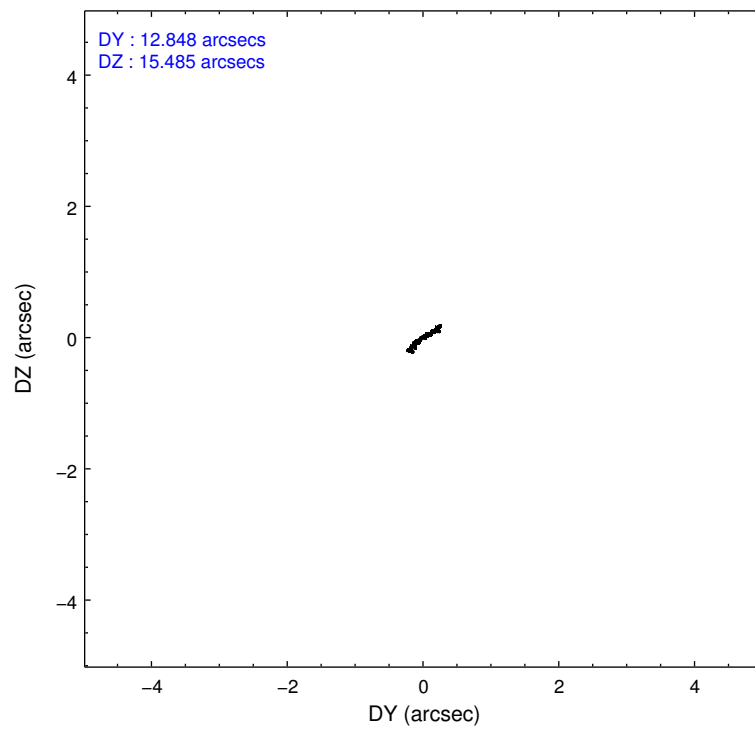
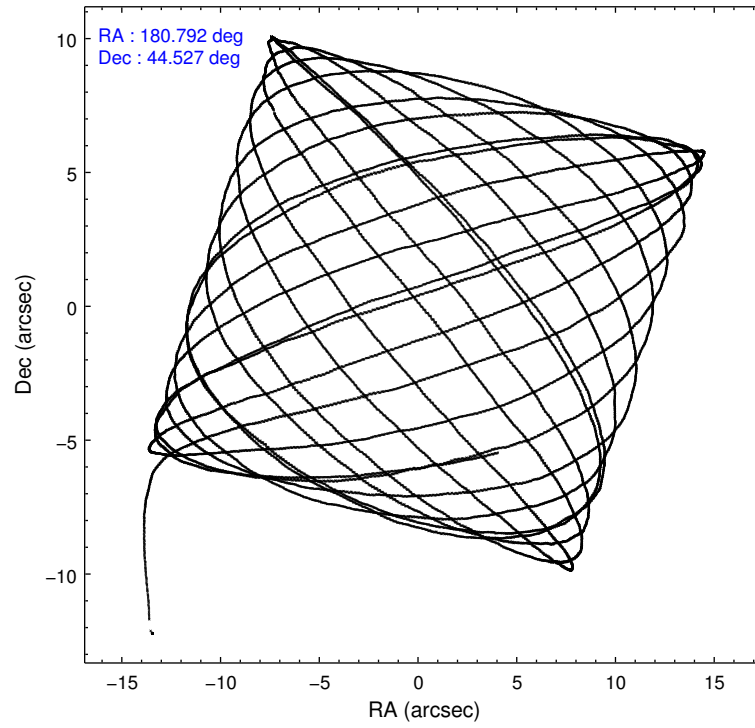
	ccd 7
level 1 events	139987
rejected events	16453
rejected %	11%

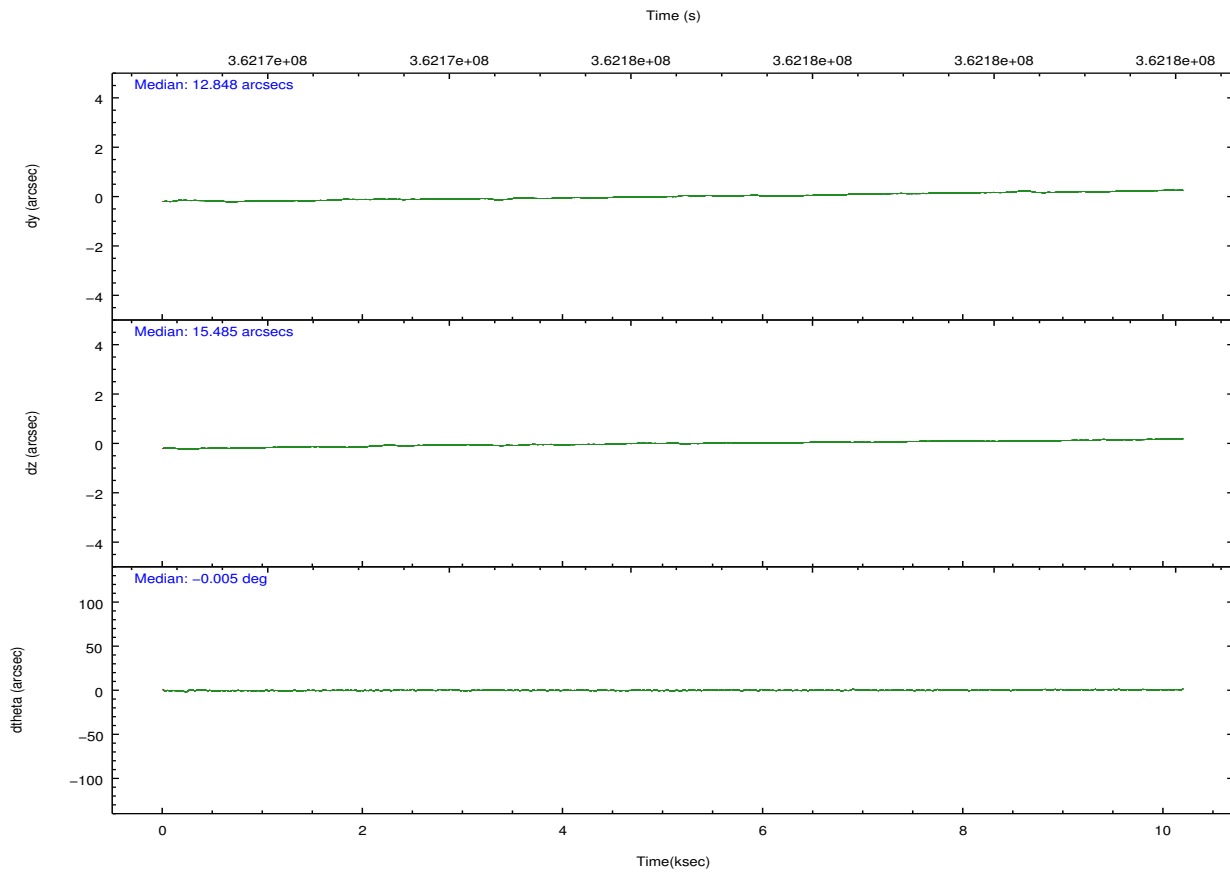
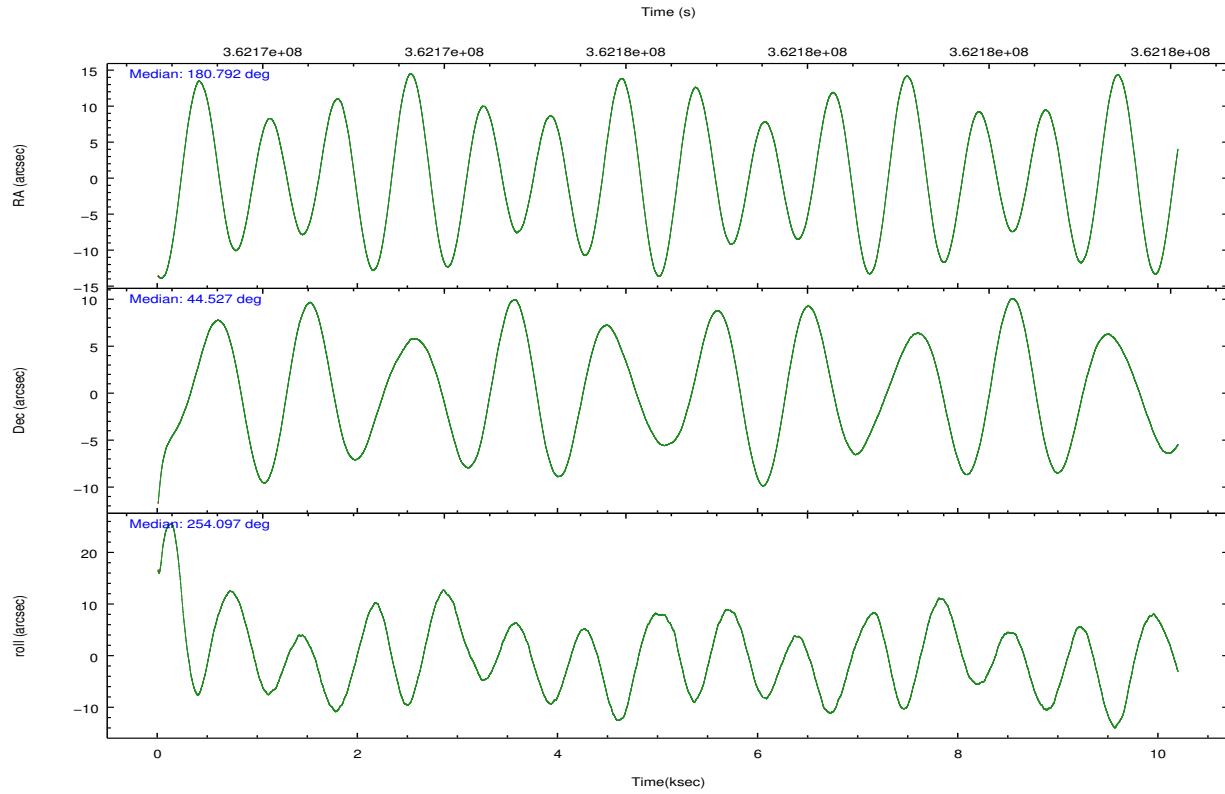
	ccd 7
grade 0 events	27965
	19%
grade 1 events	313
	0%
grade 2 events	34805
	24%
grade 3 events	7865
	5%
grade 4 events	7490
	5%
grade 5 events	11308
	8%
grade 6 events	50241
	35%
grade 7 events	0
	0%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	CC33_GRADED	CC33_GRADED	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	180.781996	180.791793085889	Subarray requested	NONE	NONE
[deg] Pointing Dec	44.553094	44.52663532254779	Alternating exposures requested	N	N
[deg] Pointing Roll	253.957221	254.1069537974268	[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)	362171560.184000	362170687.58153			
Observation start date	2009-06-23T19:11:34	2009-06-23T18:58:07			
[s] Observation end time (MET)	362181560.184000	362182225.49461			
Observation end date	2009-06-23T21:58:14	2009-06-23T22:10:25			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



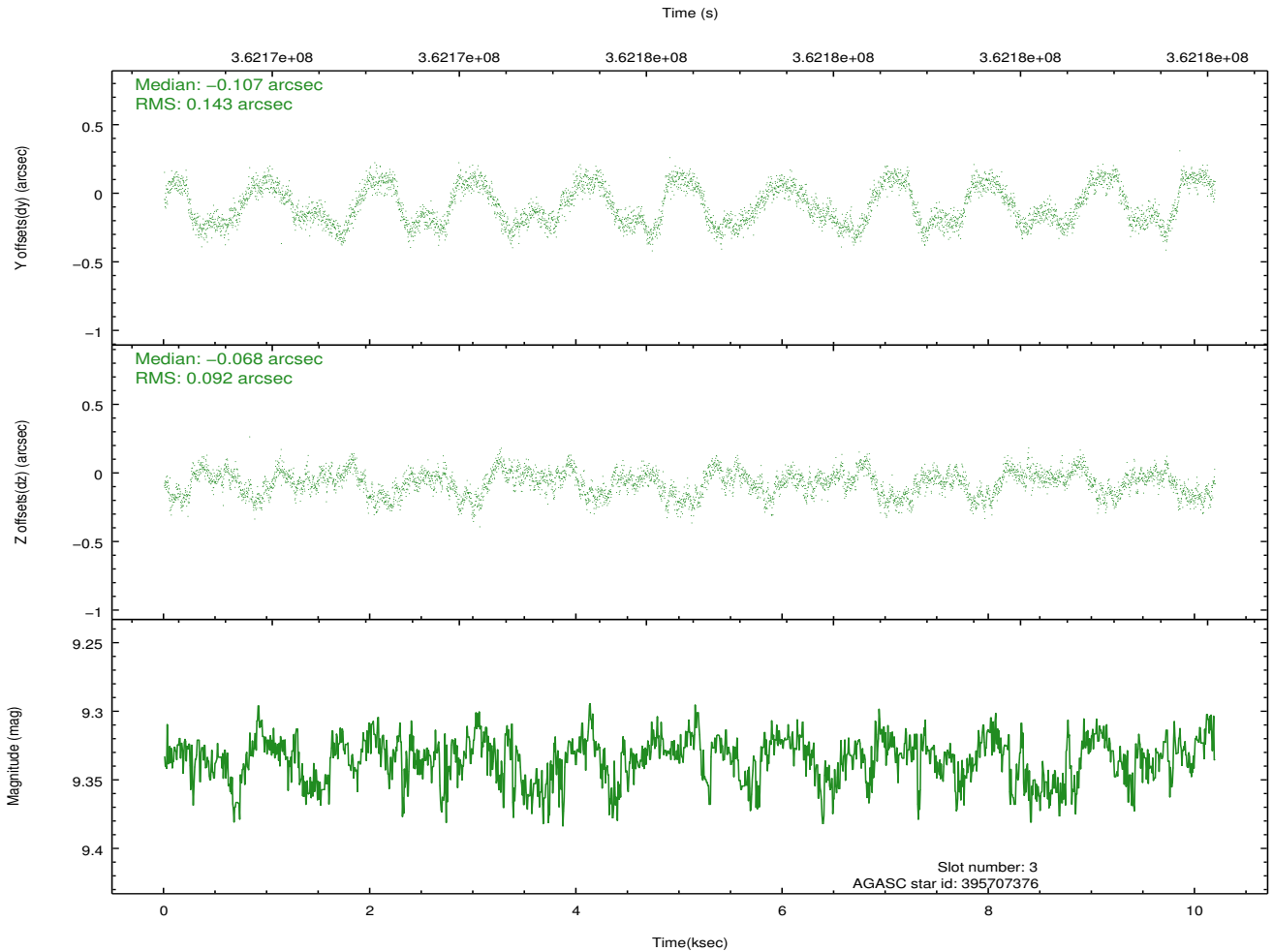
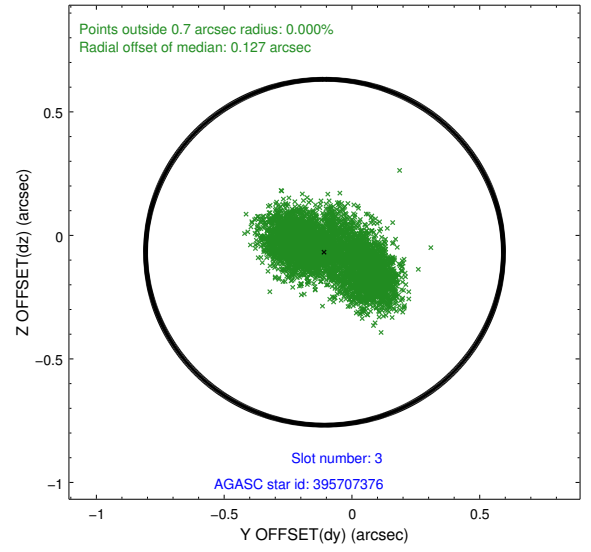
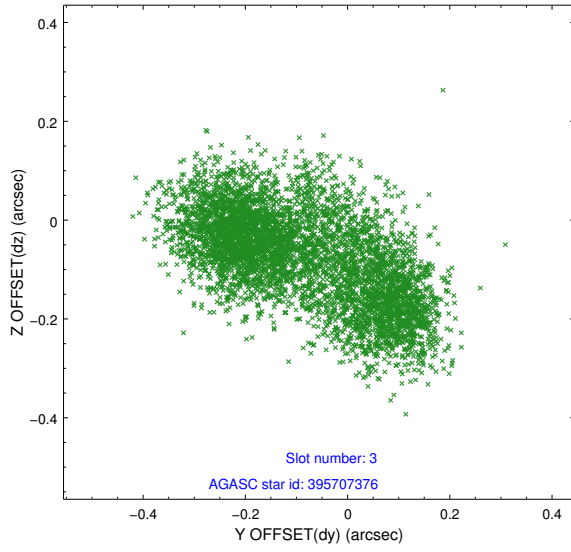


Slot Statistics

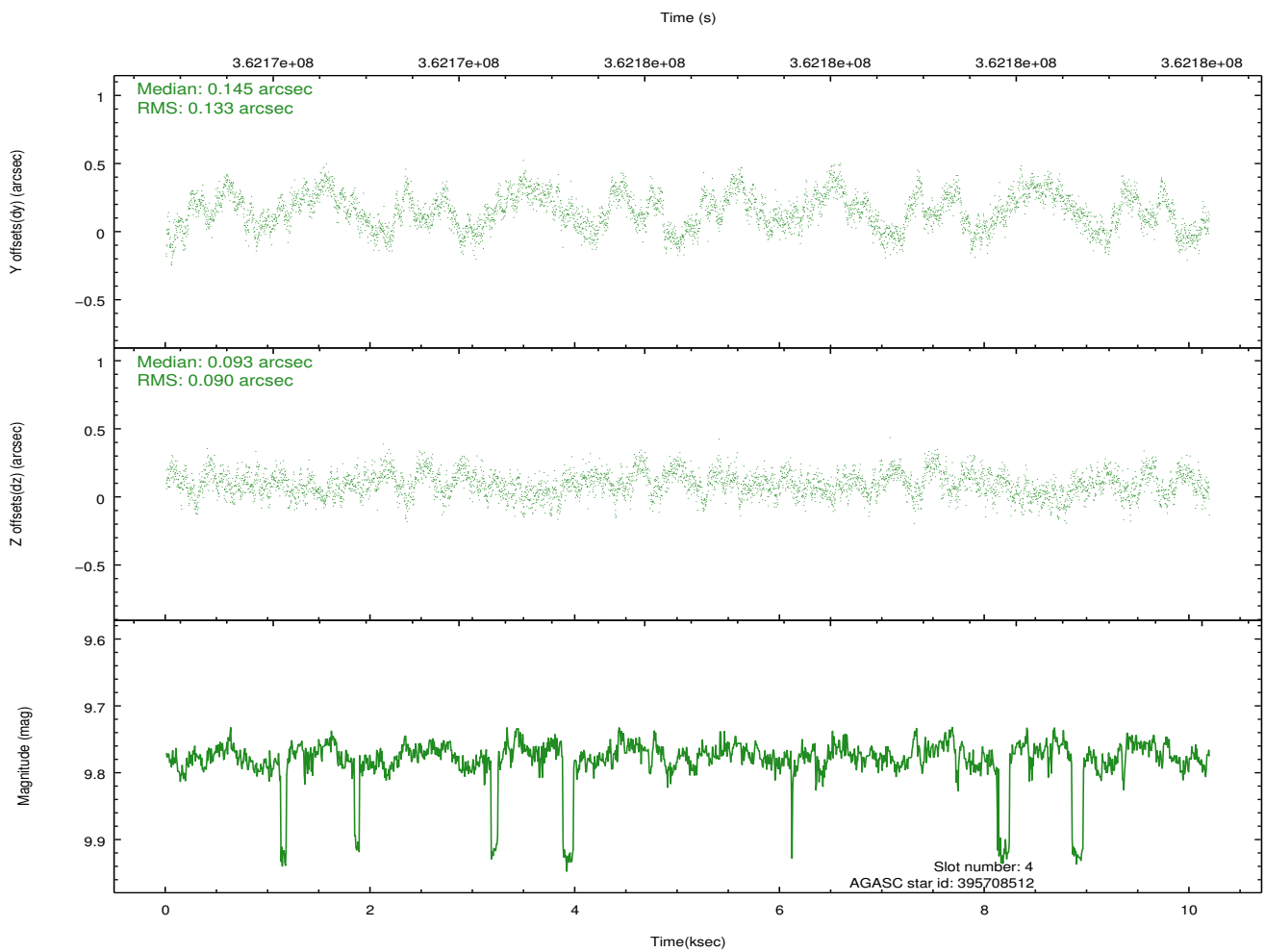
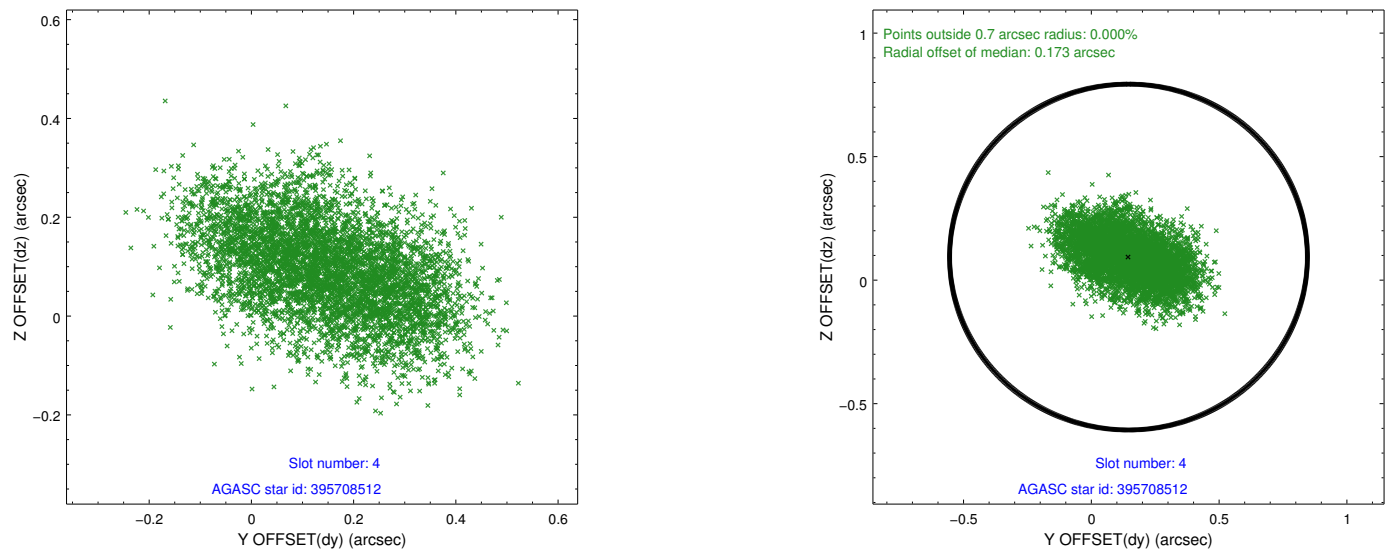
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.87	2486	-0.042	-0.003	0.008	0.016	0.000000	0.000000	-765.77	-1736.88
1	FID	ACIS-S-4	6.96	2485	0.138	0.021	0.007	0.015	0.000000	0.000000	2147.41	171.14
2	FID	ACIS-S-5	6.98	2486	-0.127	-0.010	0.008	0.013	0.000000	0.000000	-1818.07	165.29
3	GUIDE	395707376	9.33	4962	-0.107	-0.068	0.188	0.280	180.967983	44.858789	-1188.92	151.83
4	GUIDE	395708512	9.78	4946	0.145	0.093	0.176	0.274	181.398075	44.161736	907.95	1916.76
5	GUIDE	395708616	7.99	4967	0.023	-0.135	0.071	0.121	180.101872	44.630343	207.84	-1752.80
6	GUIDE	395709536	9.95	4961	0.029	0.057	0.144	0.234	181.395770	44.236081	653.42	1835.04
7	GUIDE	395709608	8.35	4969	-0.113	0.066	0.067	0.110	181.055130	44.450389	160.22	777.18

2.4 Star Slots

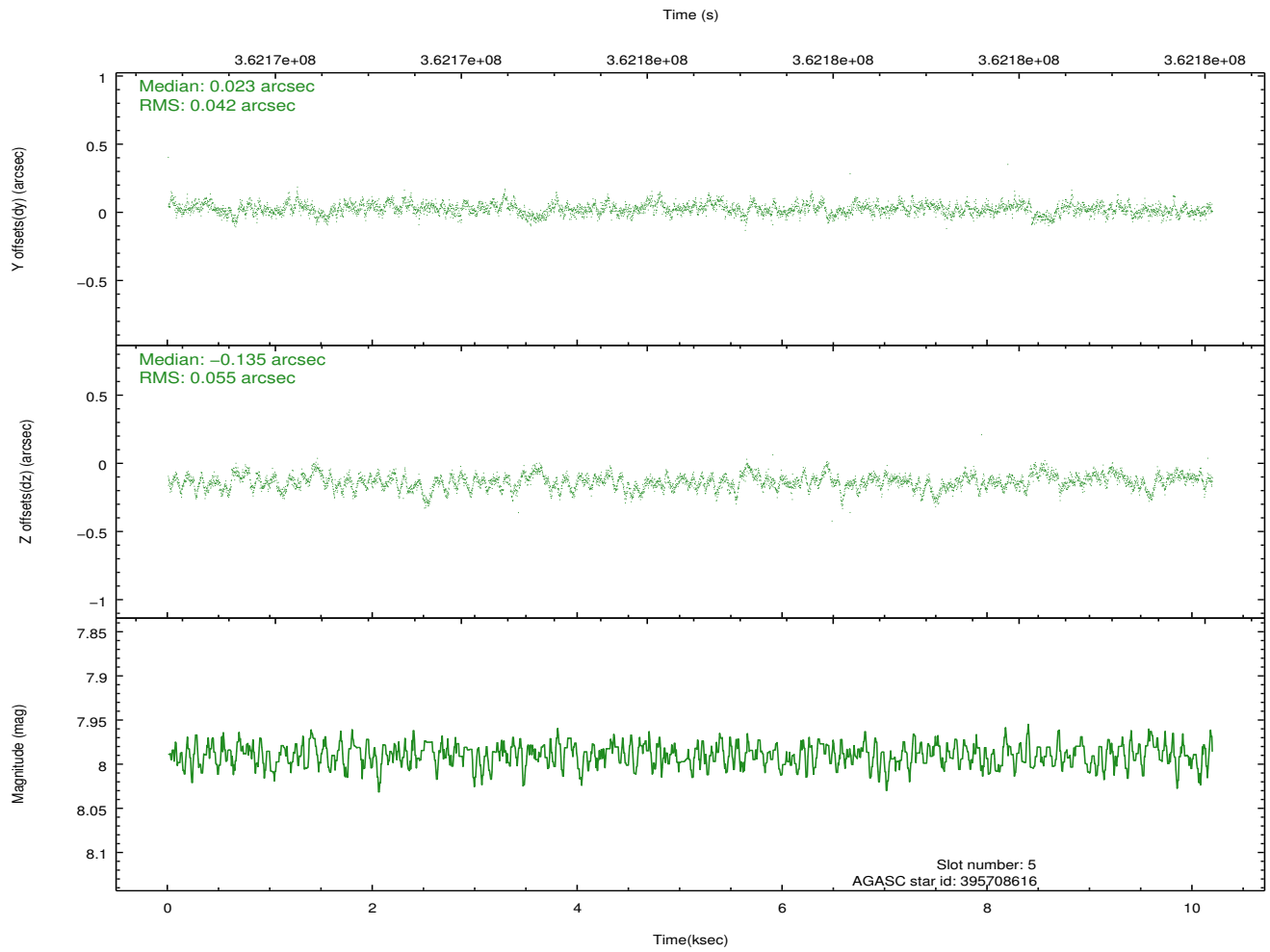
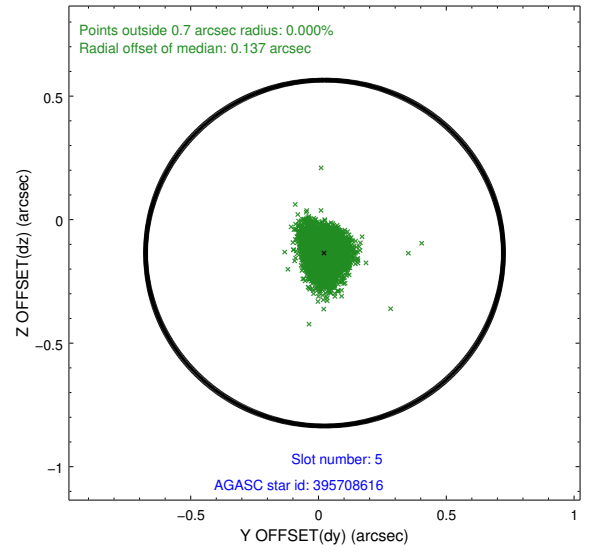
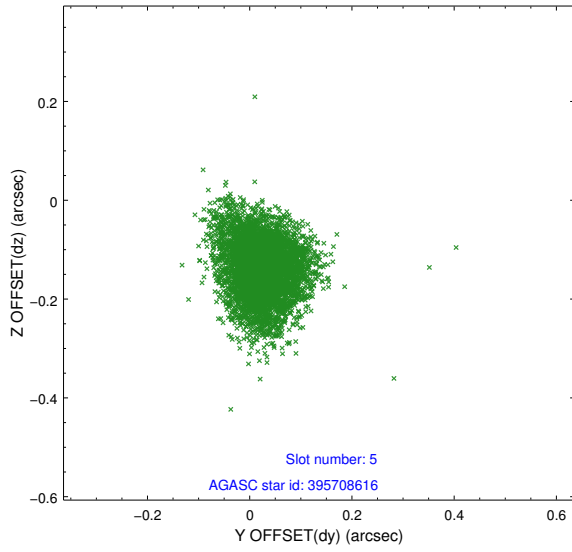
2.4.1 Slot 3



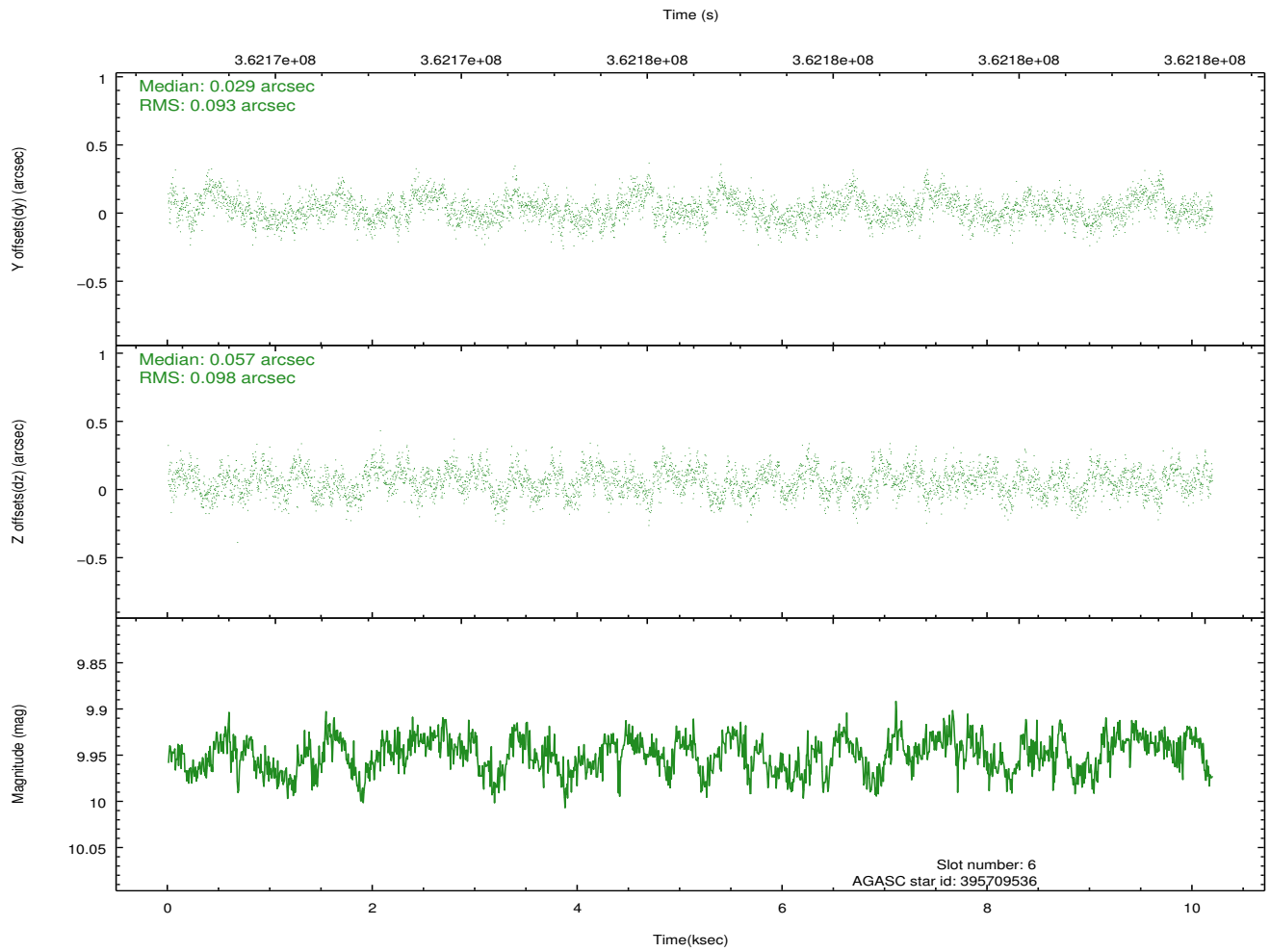
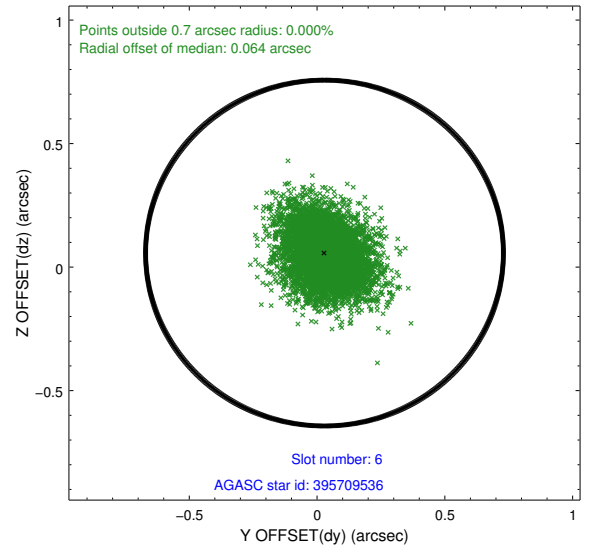
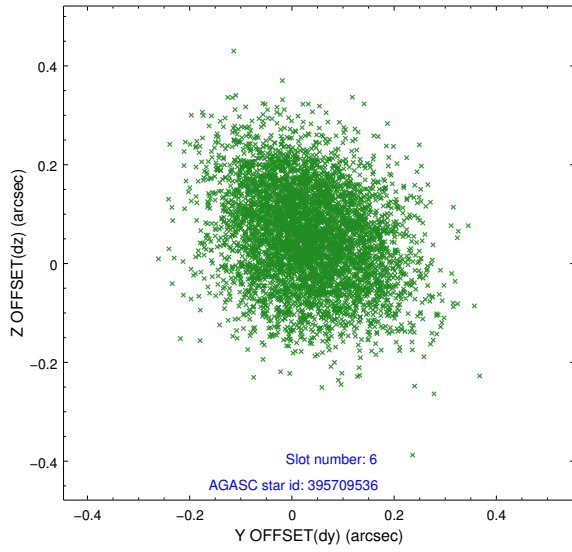
2.4.2 Slot 4



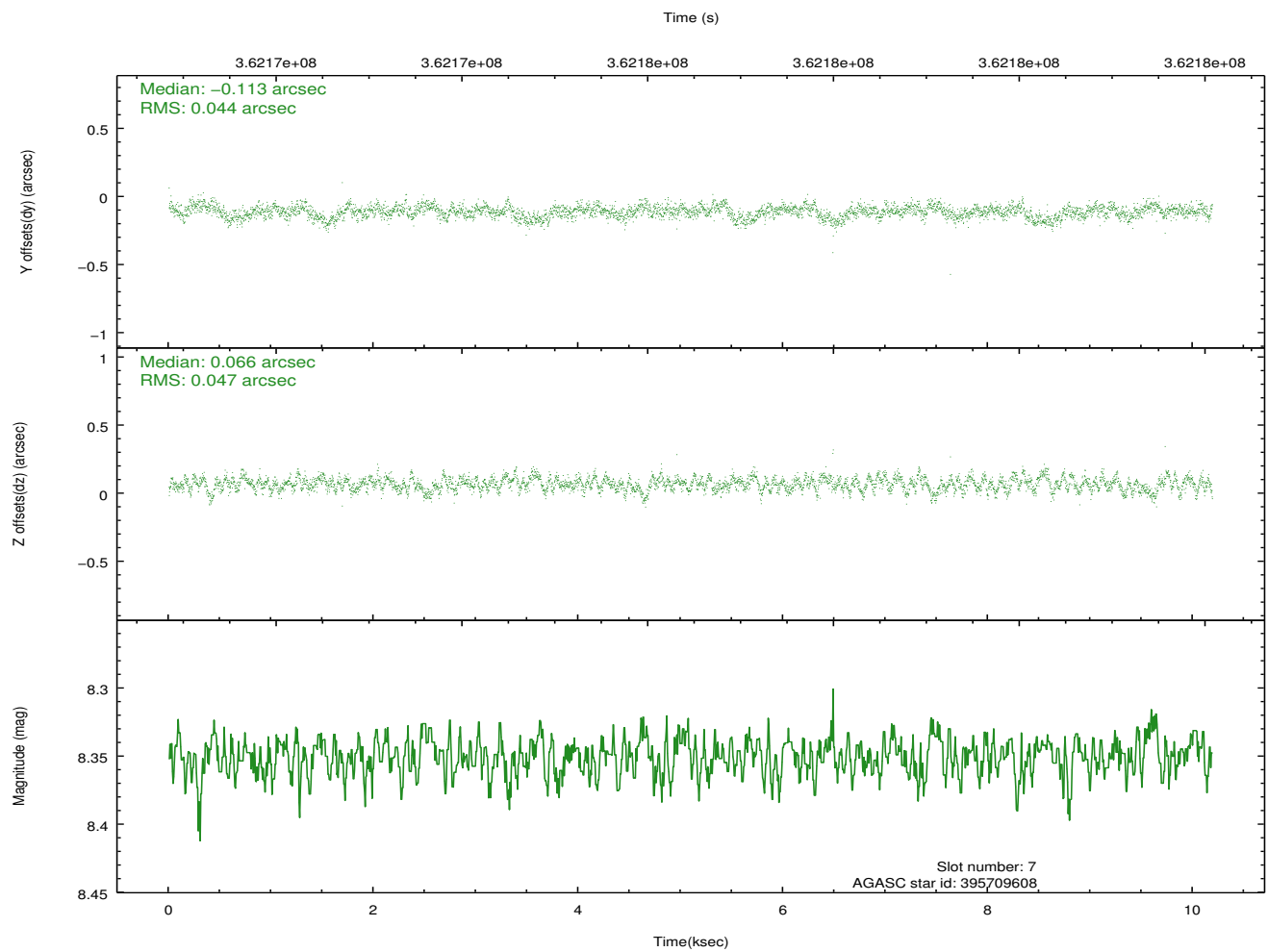
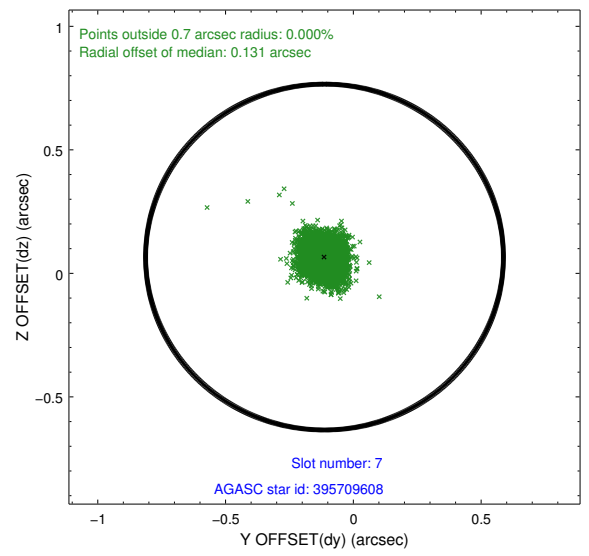
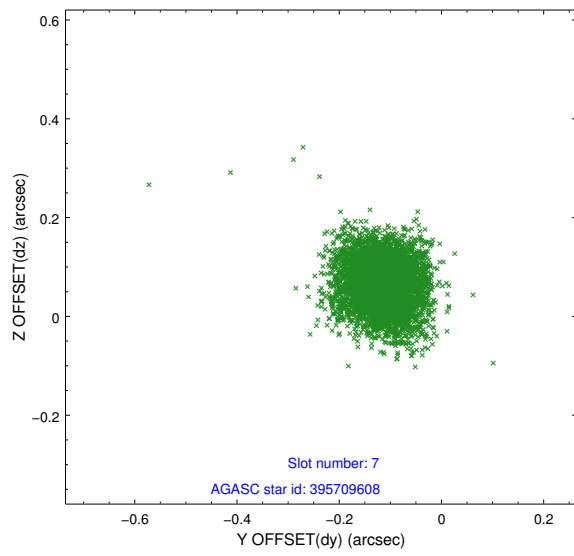
2.4.3 Slot 5



2.4.4 Slot 6

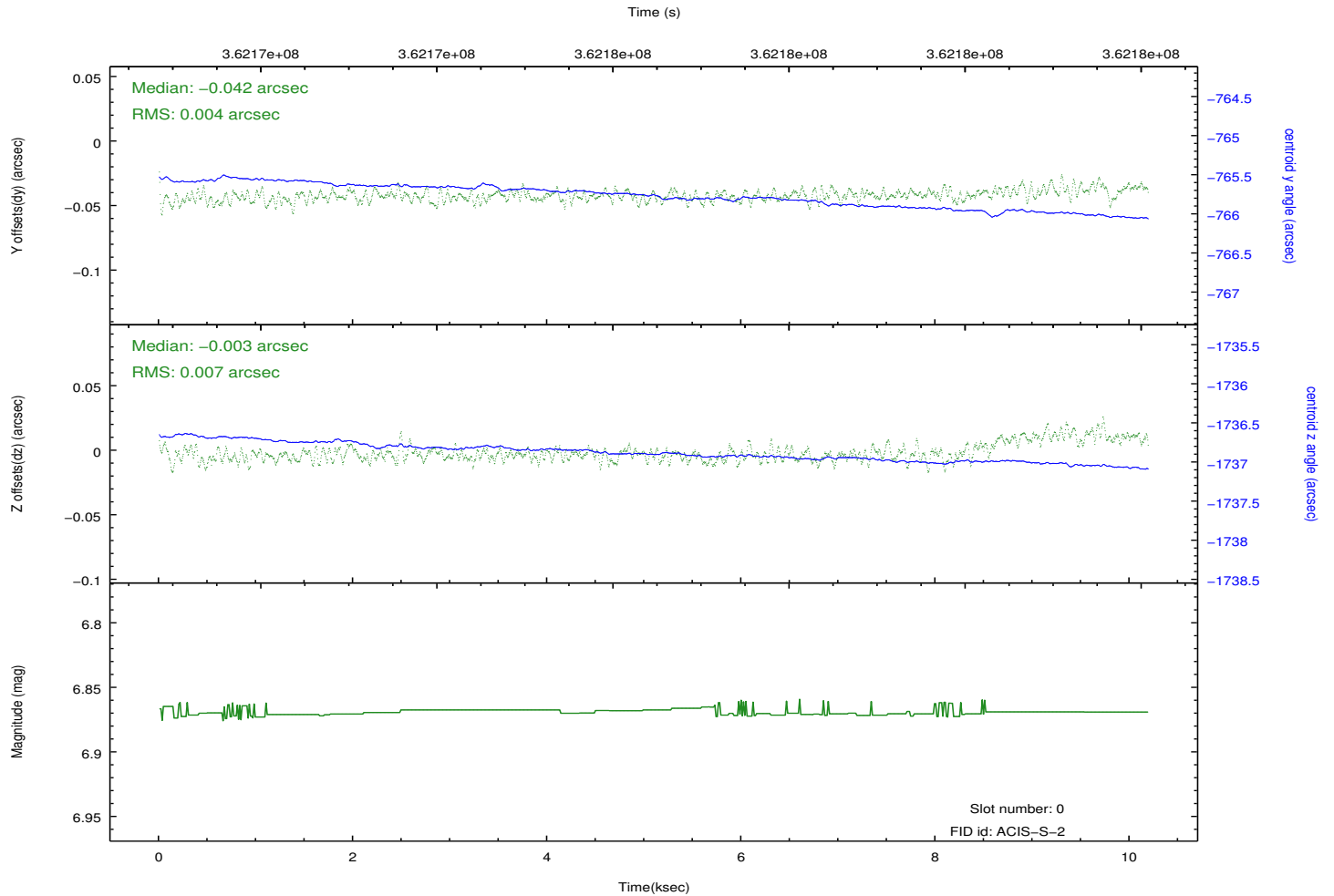
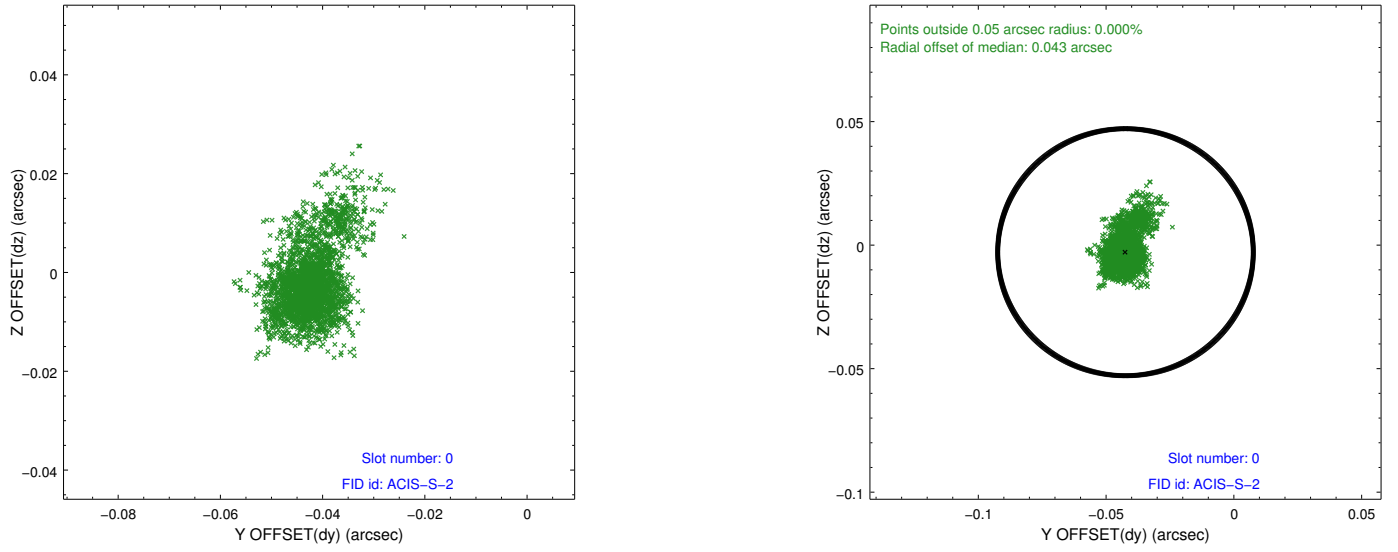


2.4.5 Slot 7

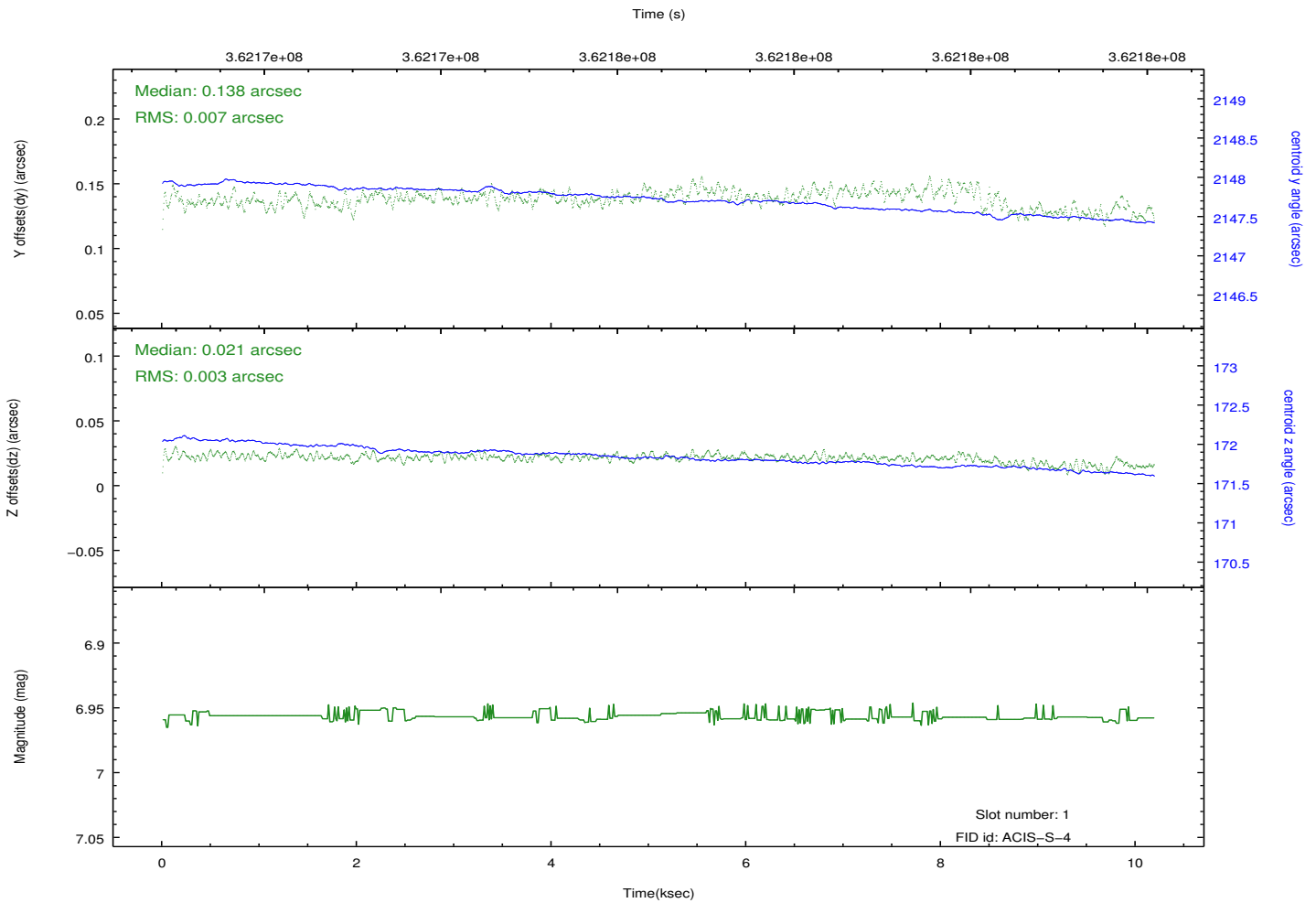
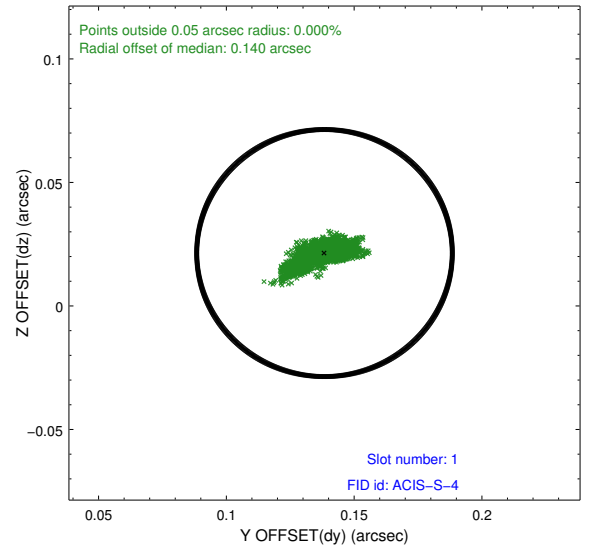
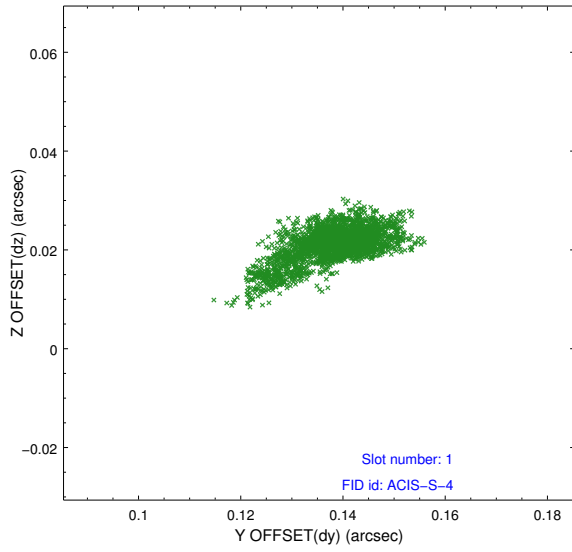


2.5 FID Slots

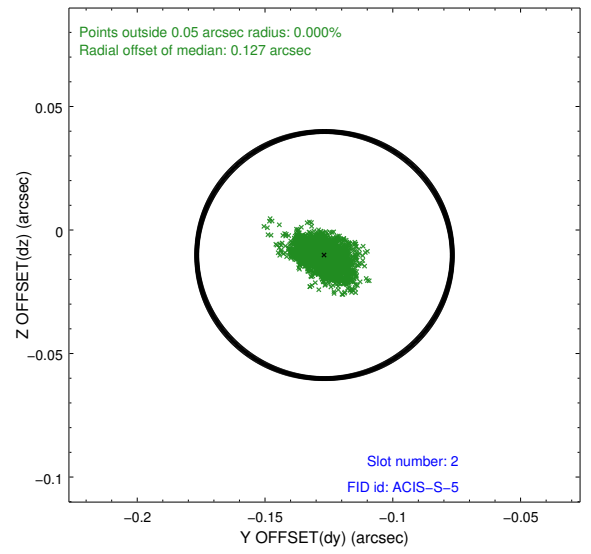
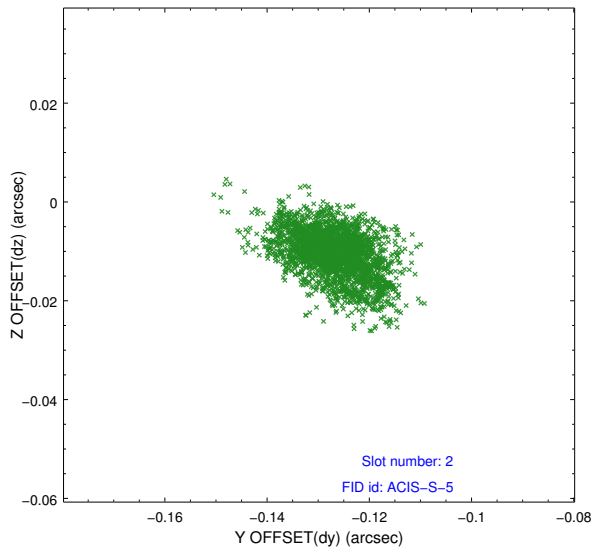
2.5.1 Slot 0



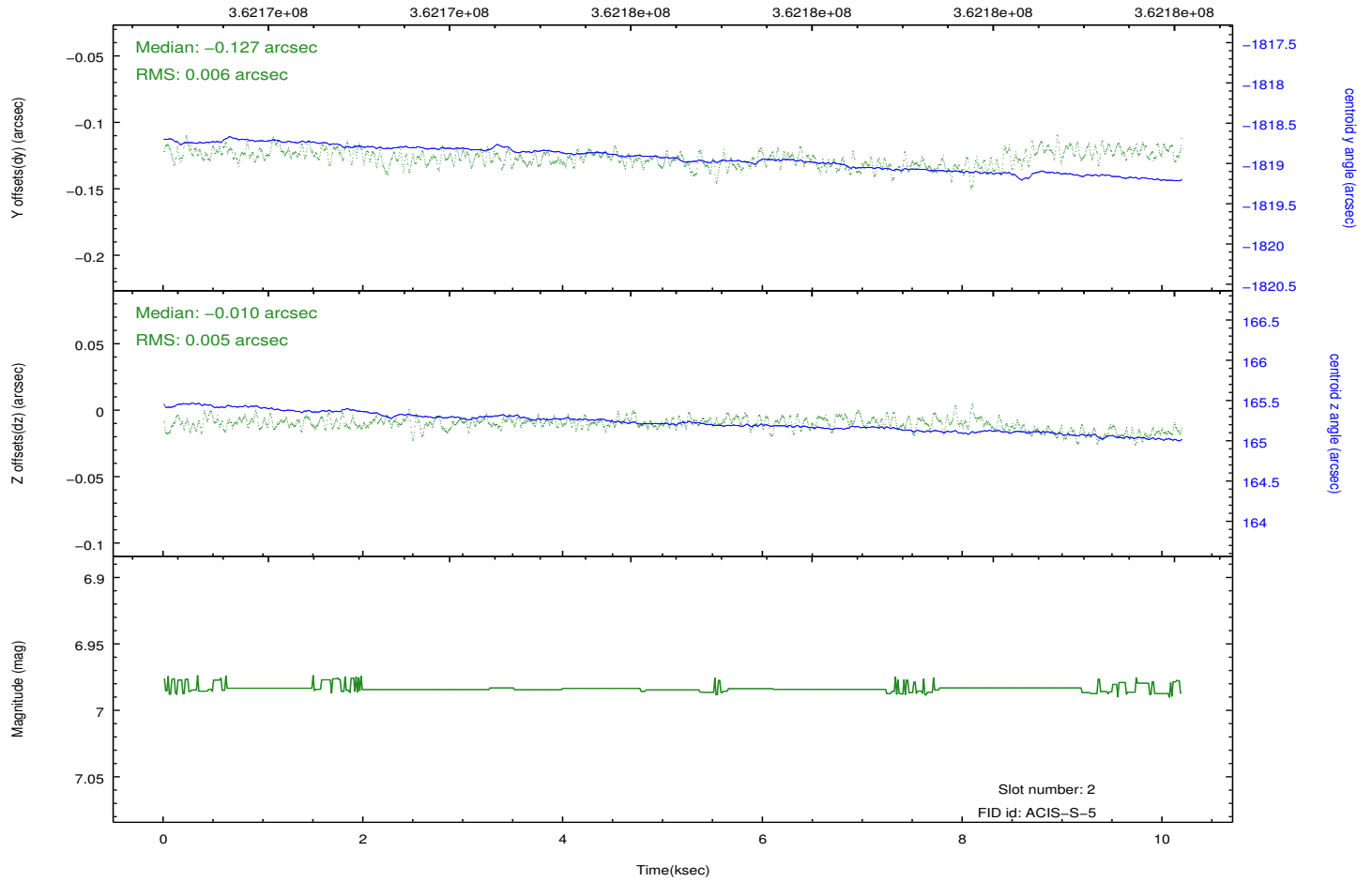
2.5.2 Slot 1



2.5.3 Slot 2



Time (s)



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.06.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.18425

A.2 Comments