

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 10376 - L2 Version 2
Chandra X-Ray Center

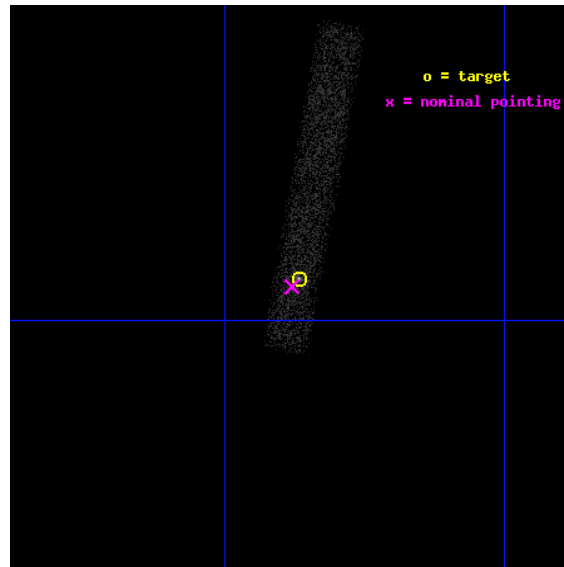
L2 Processing Date : Jun 1 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

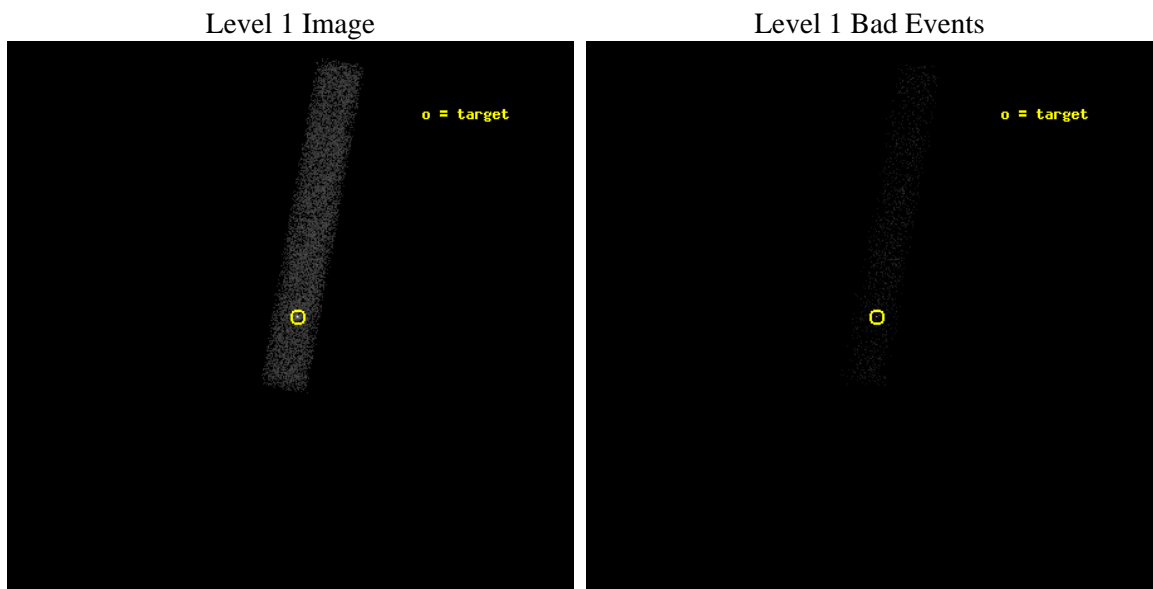
seq_num	701919	Sequence number
obs_id	10376	Observation id
title	Completing a Flux-limited Survey for X-ray Emission from Radio Jets	
observer	Dr. Herman Marshall	Principal investigator
object	0748+126	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	117.716667	Observer's specified target RA [deg]
dec_targ	12.518	Observer's specified target Dec [deg]
ra_nom	117.72005848564	Nominal RA [deg]
dec_nom	12.514375470316	Nominal Dec [deg]
roll_nom	280.12570820811	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6186.3996312618	Sum of GTIs [s]
livetime	5610.7379206075	Livetime [s]
ontime7	6186.3996312618	Sum of GTIs [s]
l2events	8155	Number of level 2 events



2 OBI

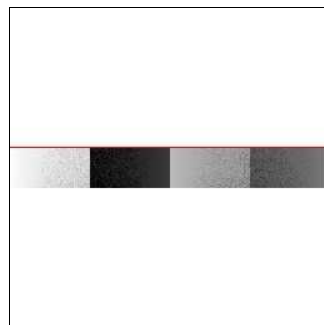
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	6000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	6186.3996312618	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	6186.3996312618	Sum of GTIs [s]
date	2012-06-01T08:46:04	Date and time of file creation	l1events	17332	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

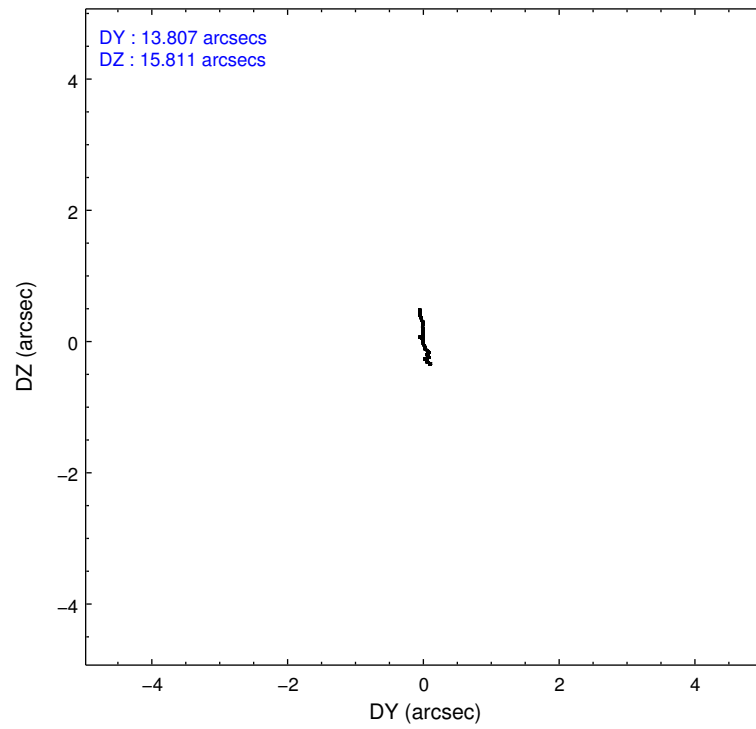
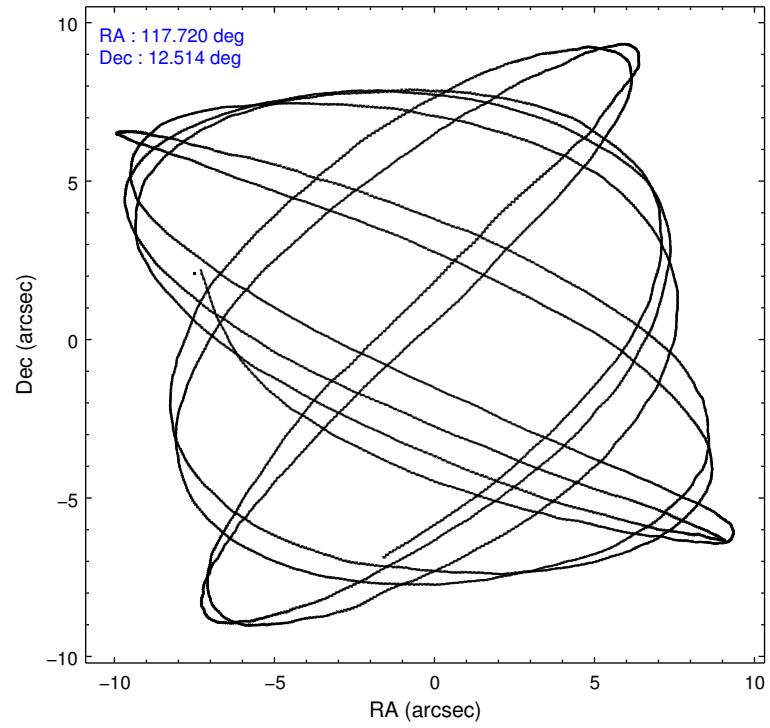
	ccd 7
level 1 events	17332
rejected events	8976
rejected %	51%

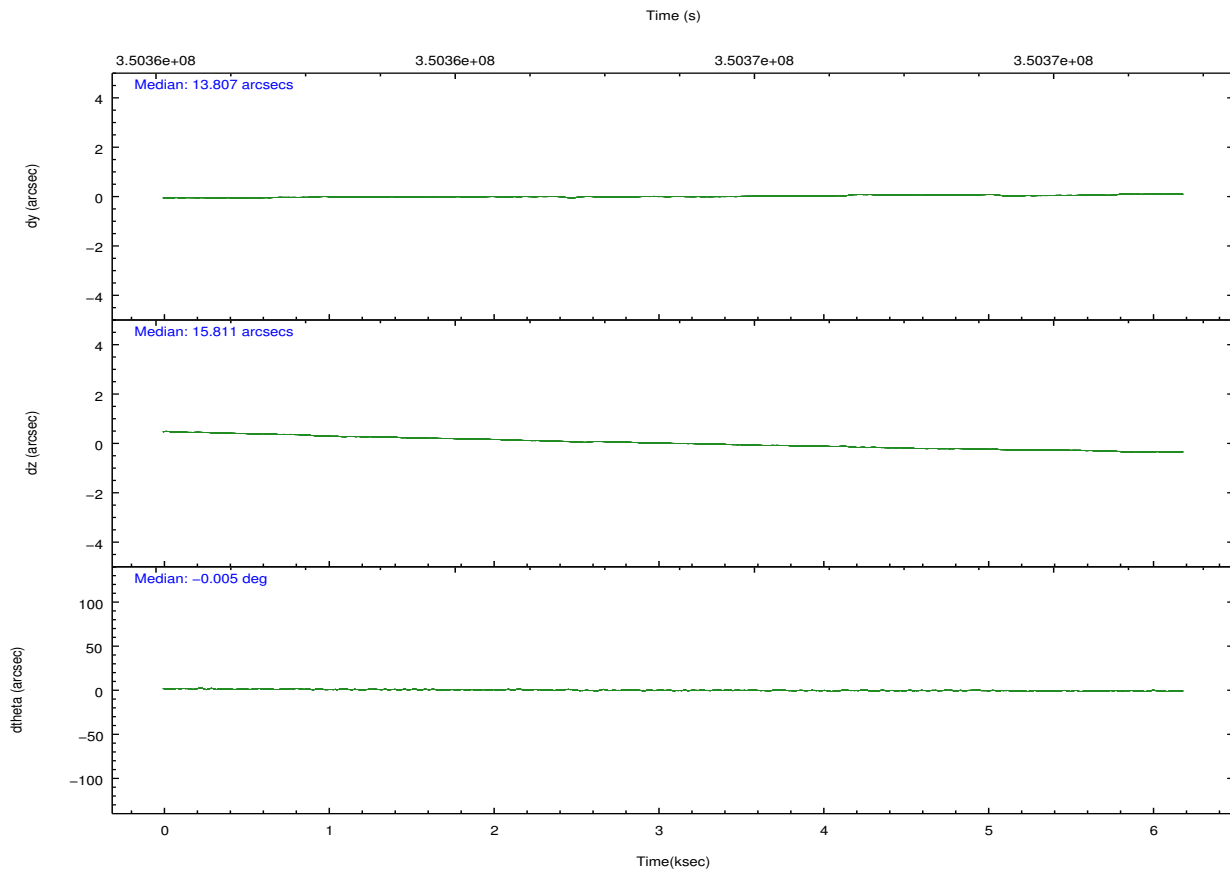
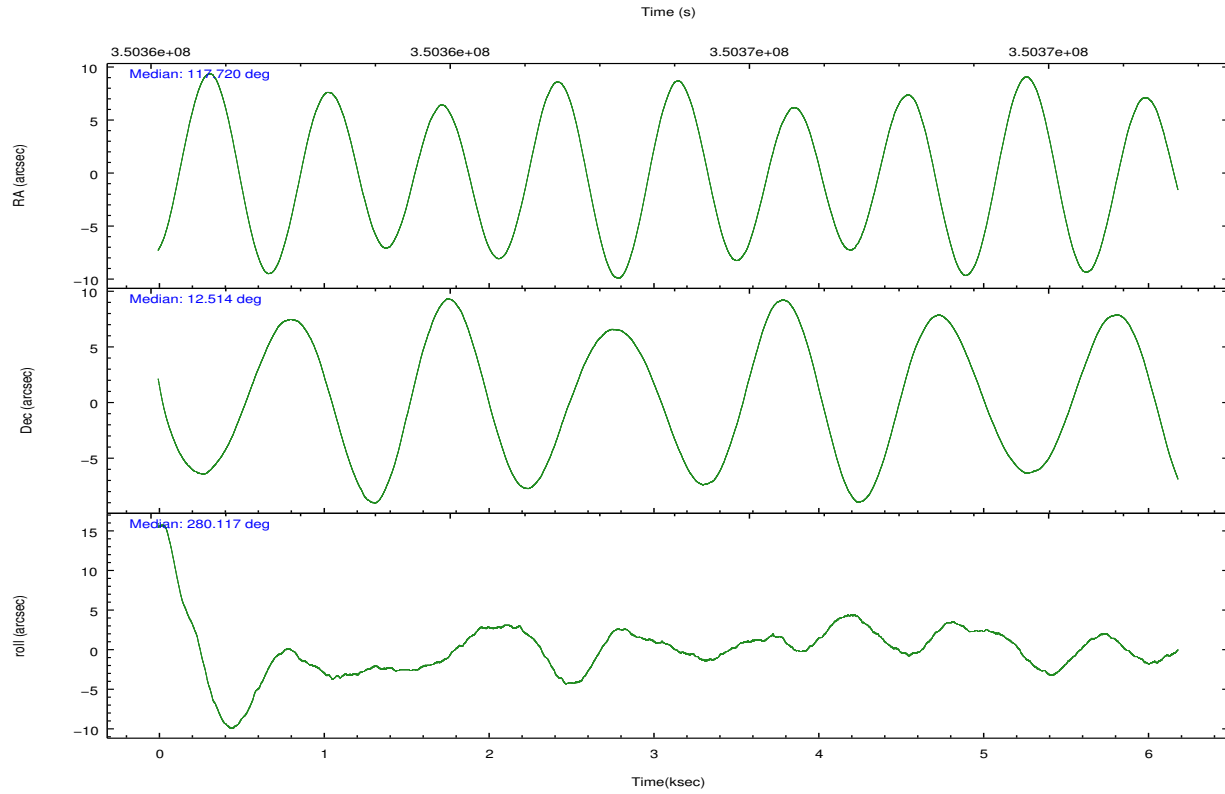
	ccd 7
grade 0 events	1414
	8%
grade 1 events	33
	0%
grade 2 events	2092
	12%
grade 3 events	1190
	6%
grade 4 events	1155
	6%
grade 5 events	1378
	7%
grade 6 events	3766
	21%
grade 7 events	6304
	36%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	117.701640	117.720058485644	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	12.535049	12.5143754703164	Subarray start row	449	449
[deg] Pointing Roll	279.973064	280.1257082081142	Subarray row count	128	128
[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	0.4
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	350362547.184000	350360997.79389			
Observation start date	2009-02-07T02:54:41	2009-02-07T02:29:57			
[s] Observation end time (MET)	350368547.184000	350369317.2068			
Observation end date	2009-02-07T04:34:41	2009-02-07T04:48:37			
Read mode	TIMED	TIMED			

2.3 Aspect



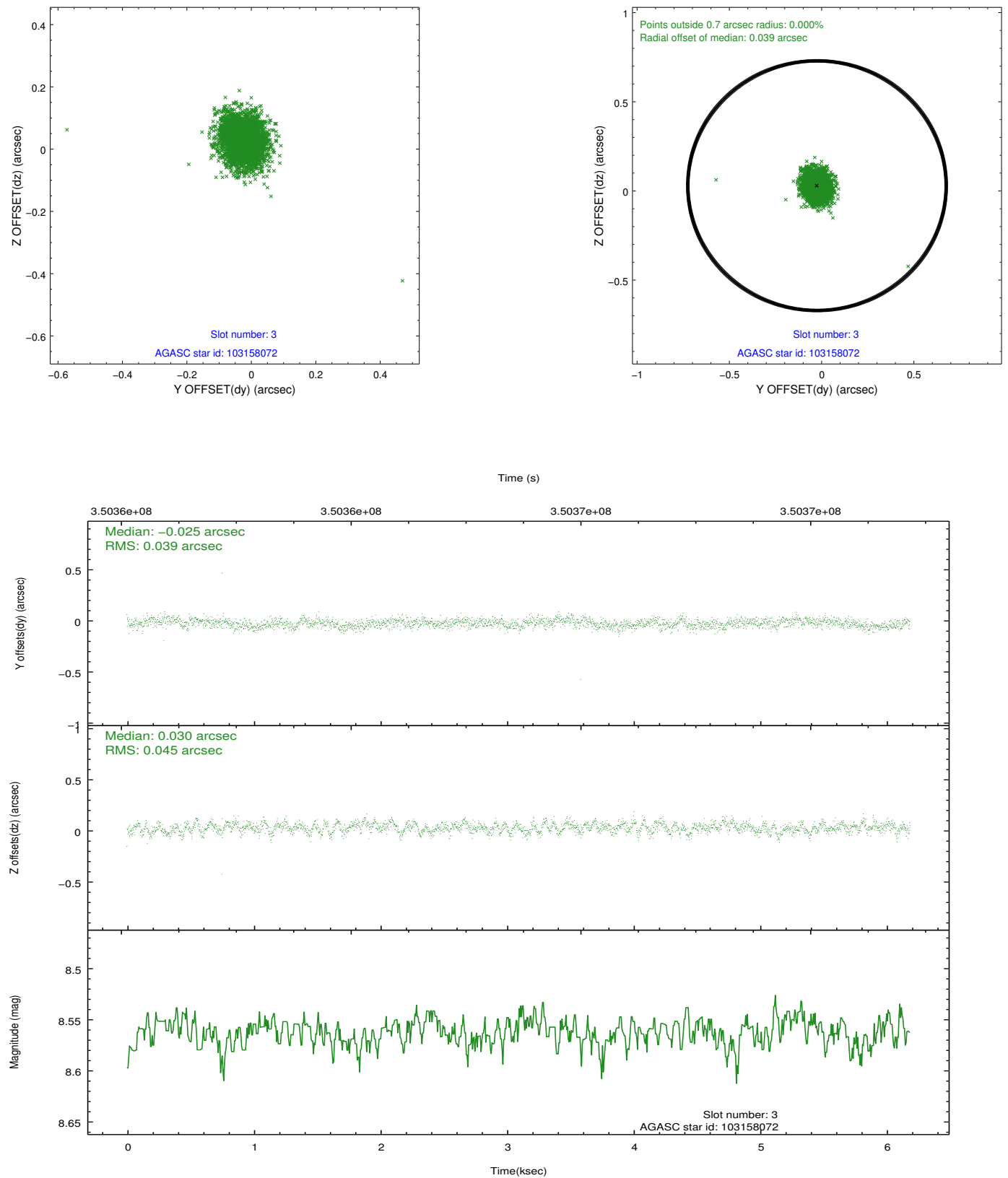


Slot Statistics

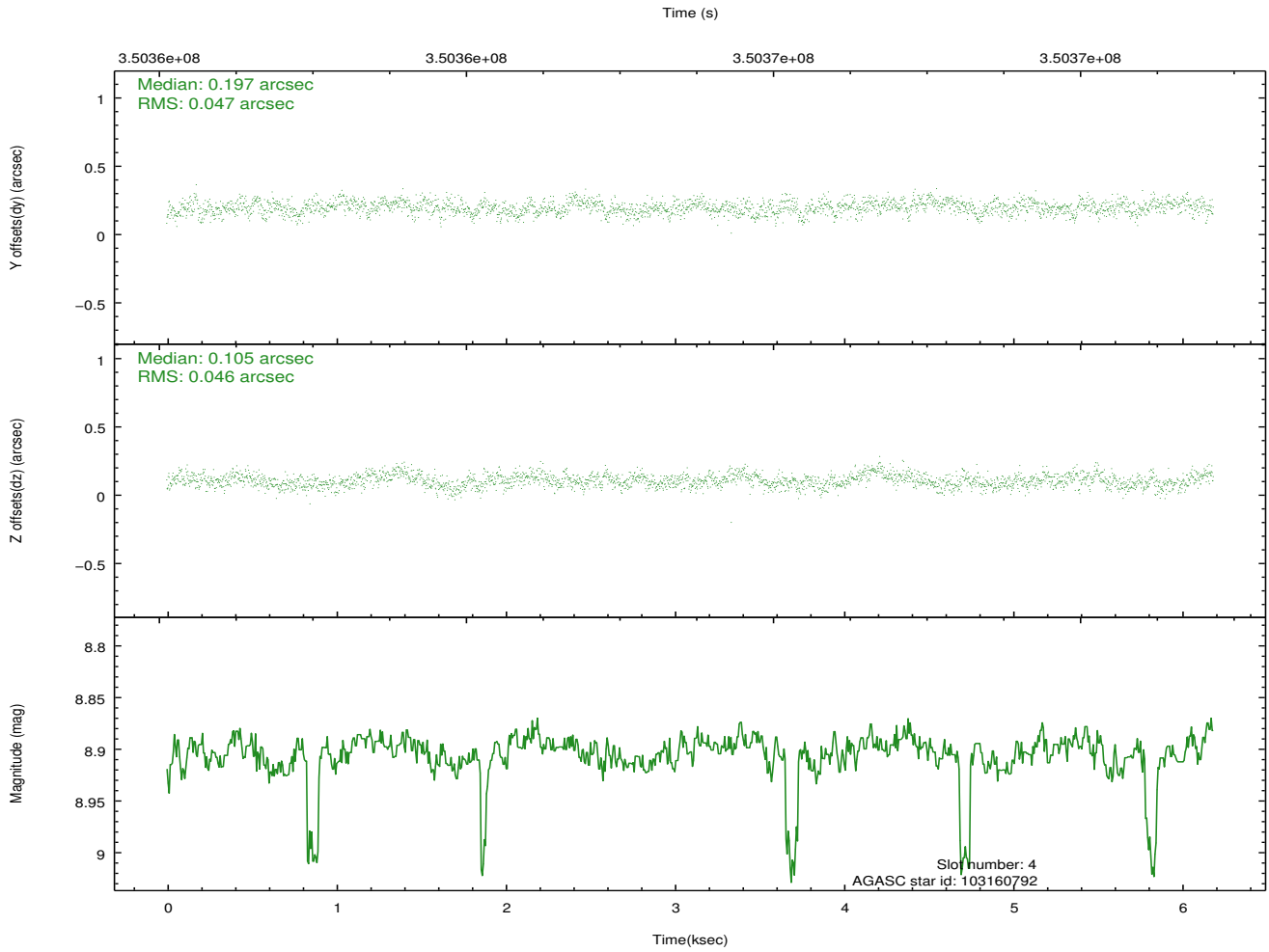
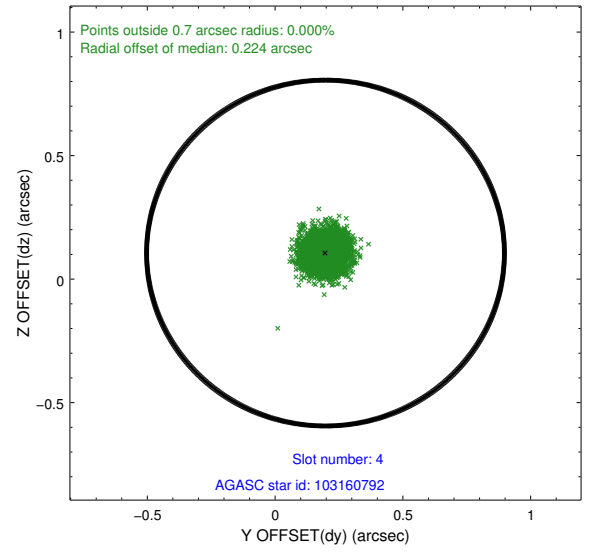
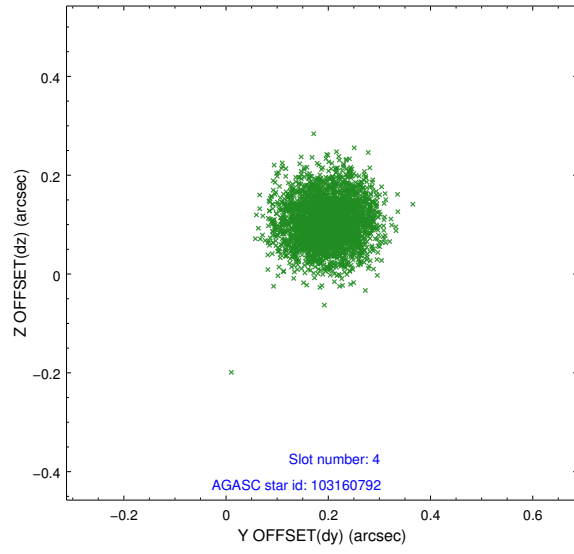
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.89	1509	-0.056	-0.016	0.009	0.014	0.000000	0.000000	-766.80	-1737.20
1	FID	ACIS-S-4	6.98	1509	0.184	0.031	0.008	0.015	0.000000	0.000000	2146.26	170.36
2	FID	ACIS-S-5	7.00	1510	-0.160	-0.006	0.007	0.012	0.000000	0.000000	-1818.54	165.05
3	GUIDE	103158072	8.56	3017	-0.025	0.030	0.061	0.101	118.025929	12.603891	-47.28	1164.76
4	GUIDE	103160792	8.90	3005	0.197	0.105	0.070	0.111	118.429561	11.999955	2337.86	2192.23
5	GUIDE	103161080	6.86	3019	-0.090	0.039	0.059	0.094	117.417382	12.148764	1197.24	-1225.61
6	GUIDE	103156408	9.04	3012	-0.033	-0.074	0.116	0.196	118.329208	12.703480	-217.83	2275.63
7	GUIDE	103156840	8.62	3011	-0.049	-0.098	0.090	0.144	118.366006	12.684667	-129.69	2392.05

2.4 Star Slots

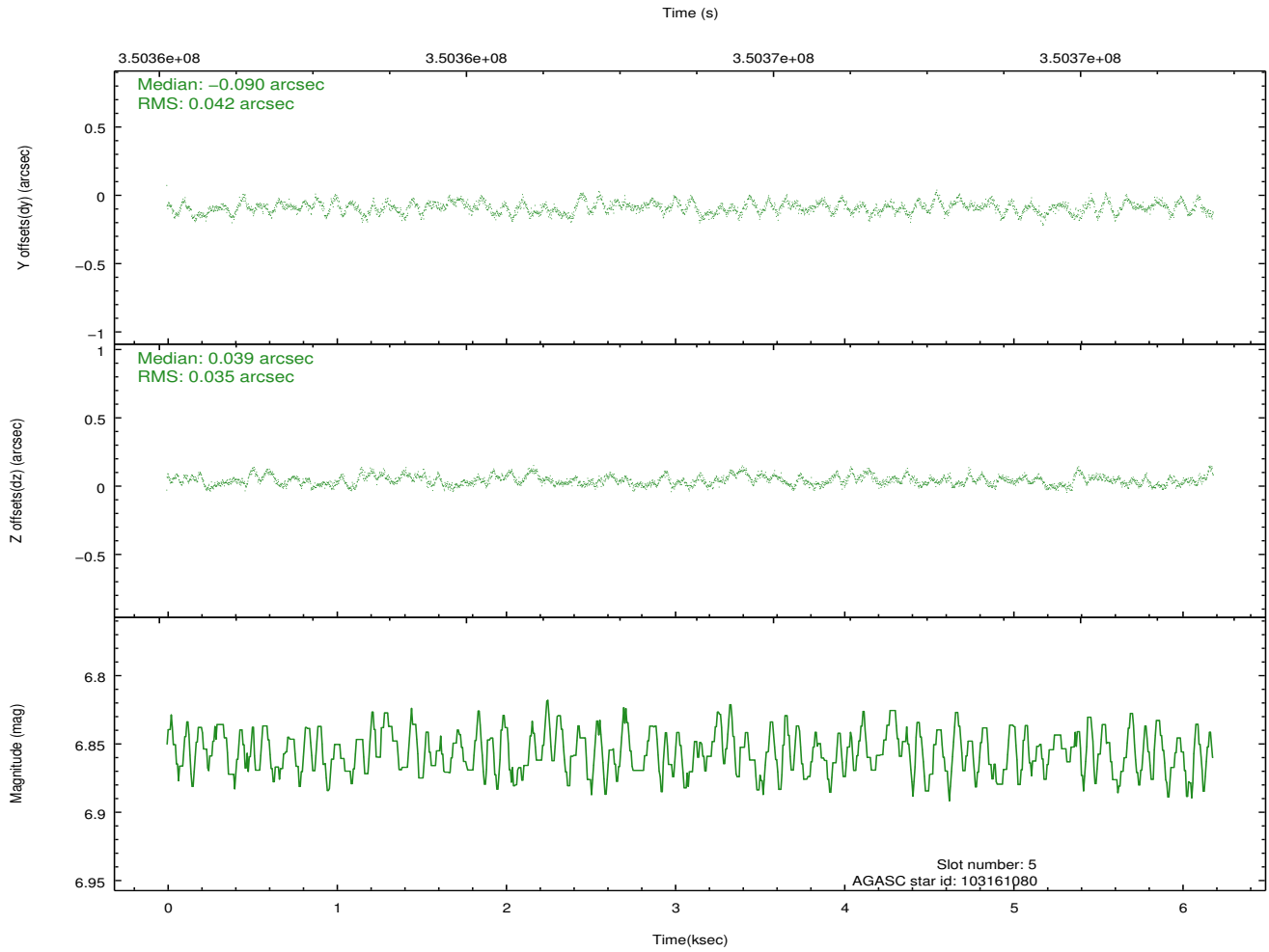
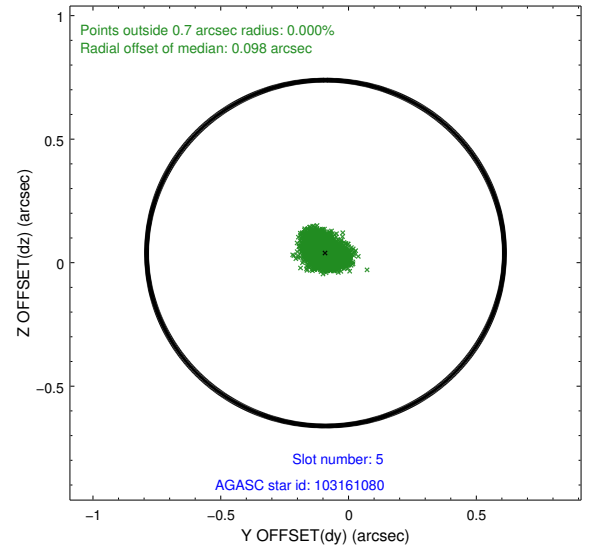
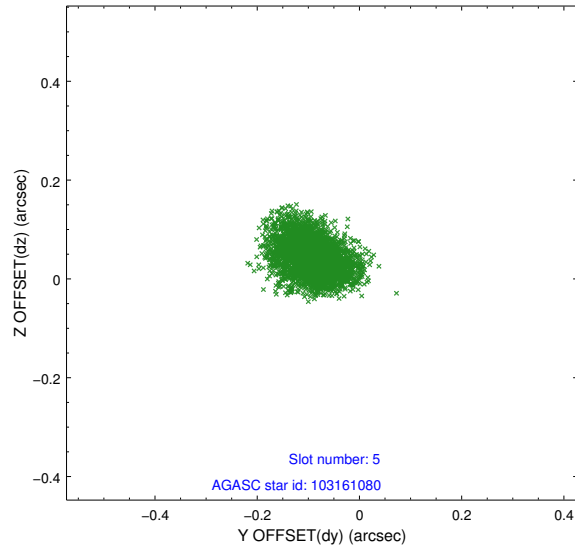
2.4.1 Slot 3



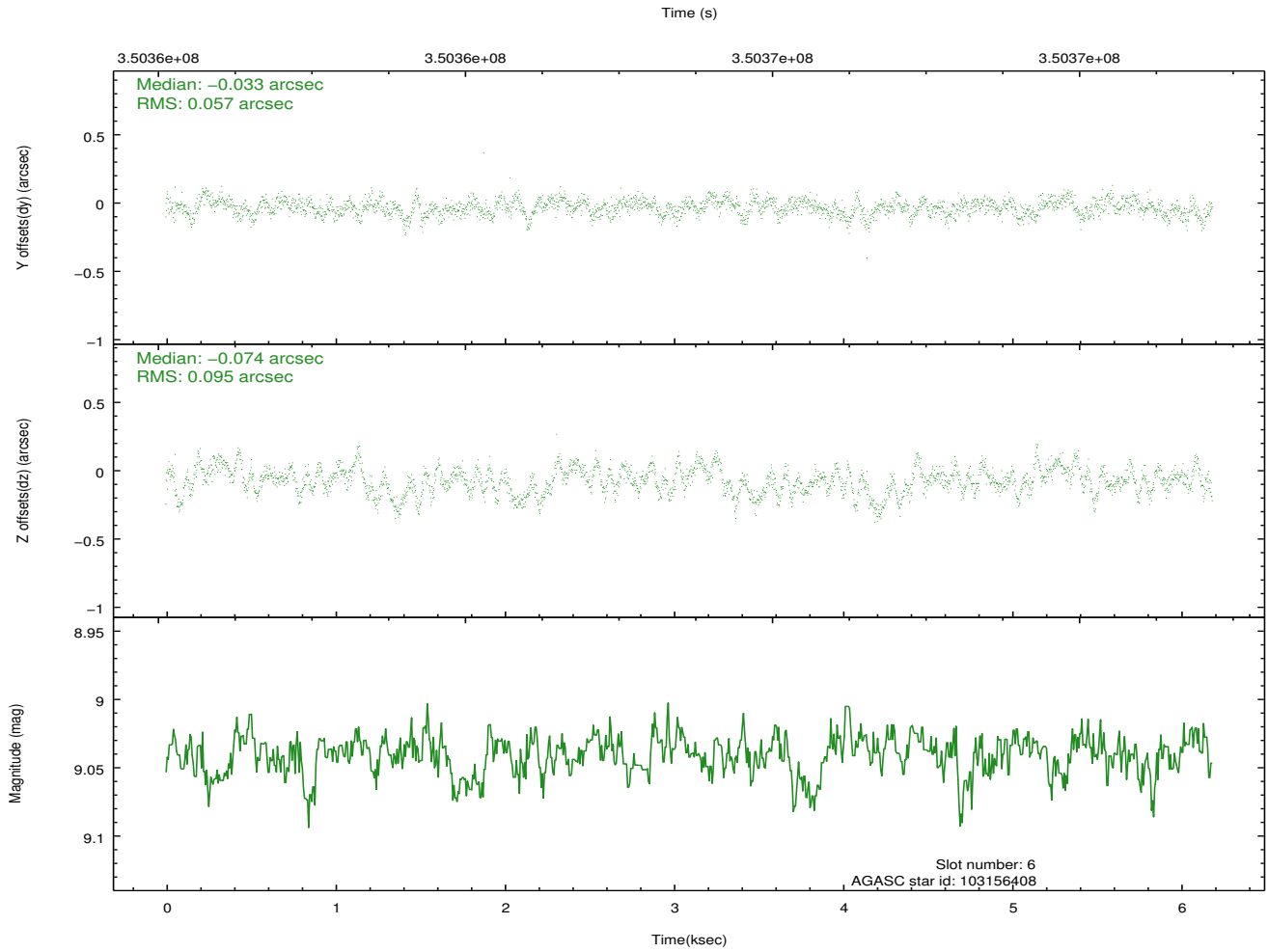
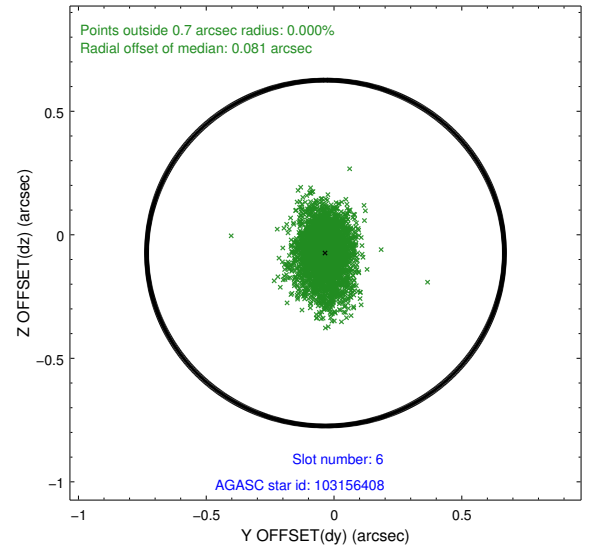
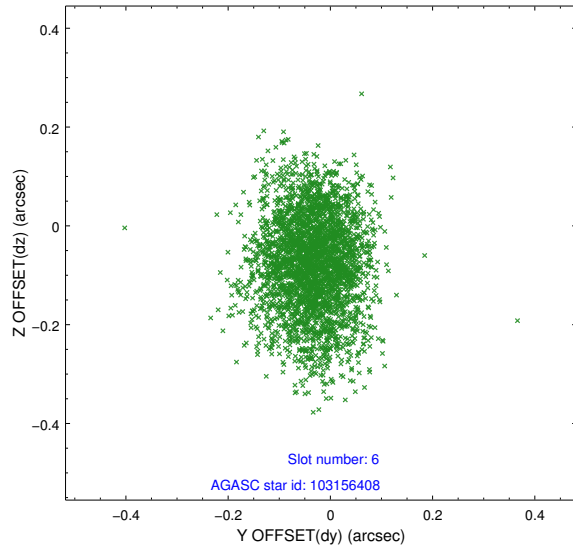
2.4.2 Slot 4



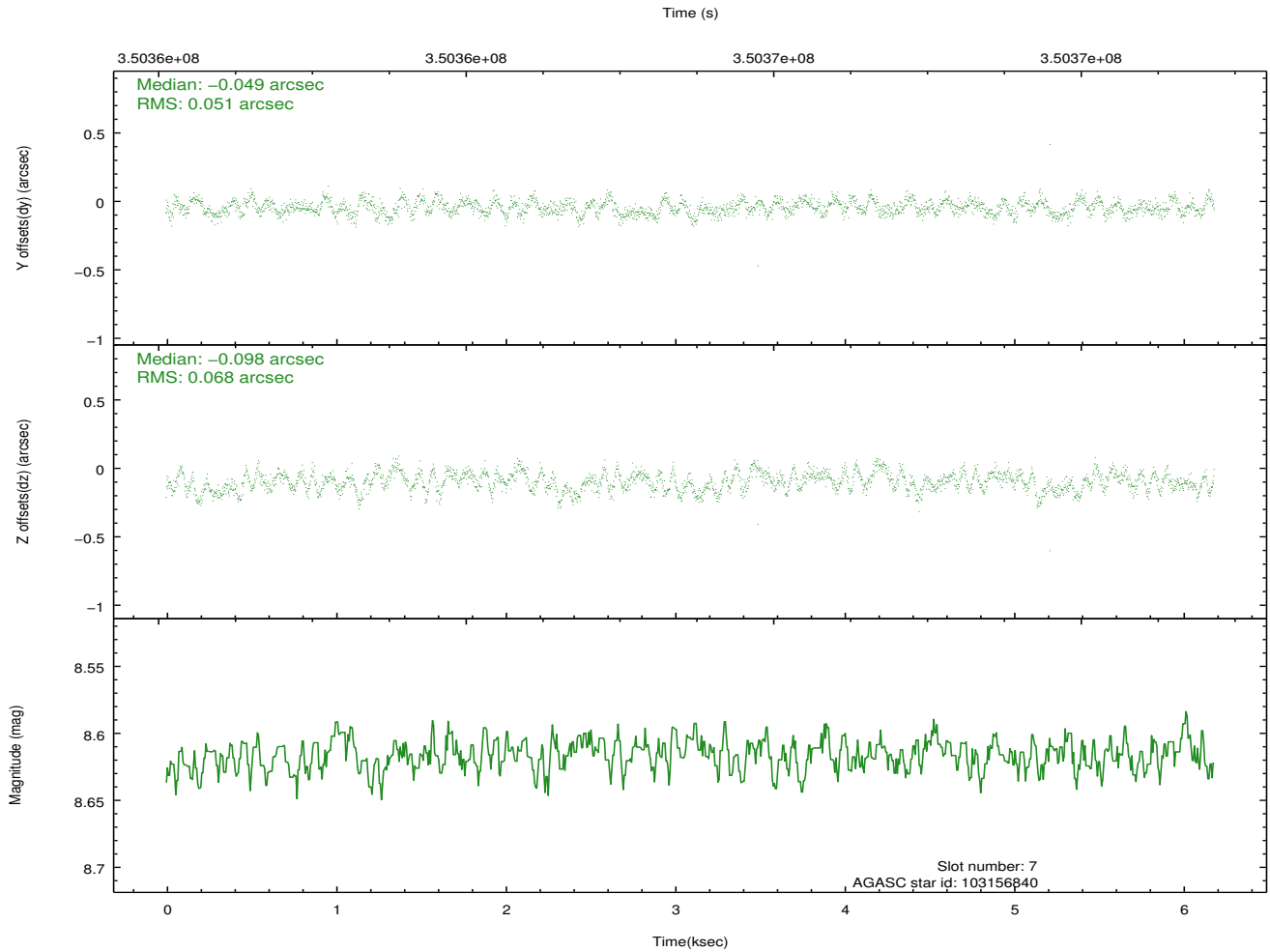
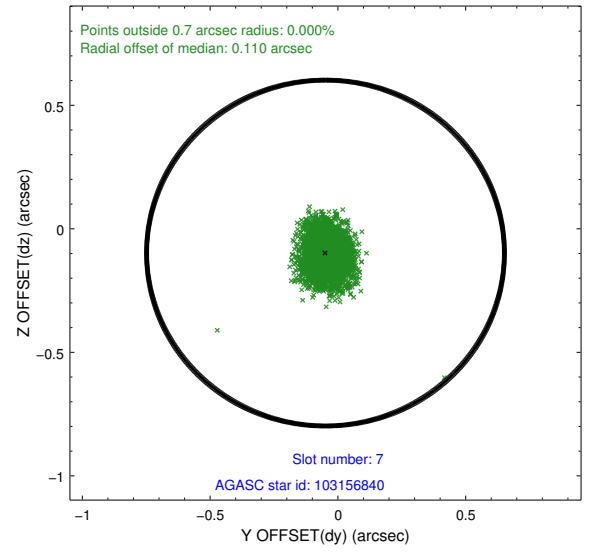
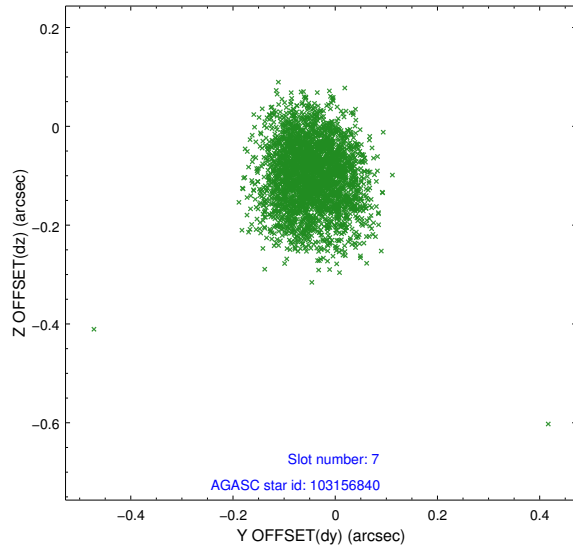
2.4.3 Slot 5



2.4.4 Slot 6

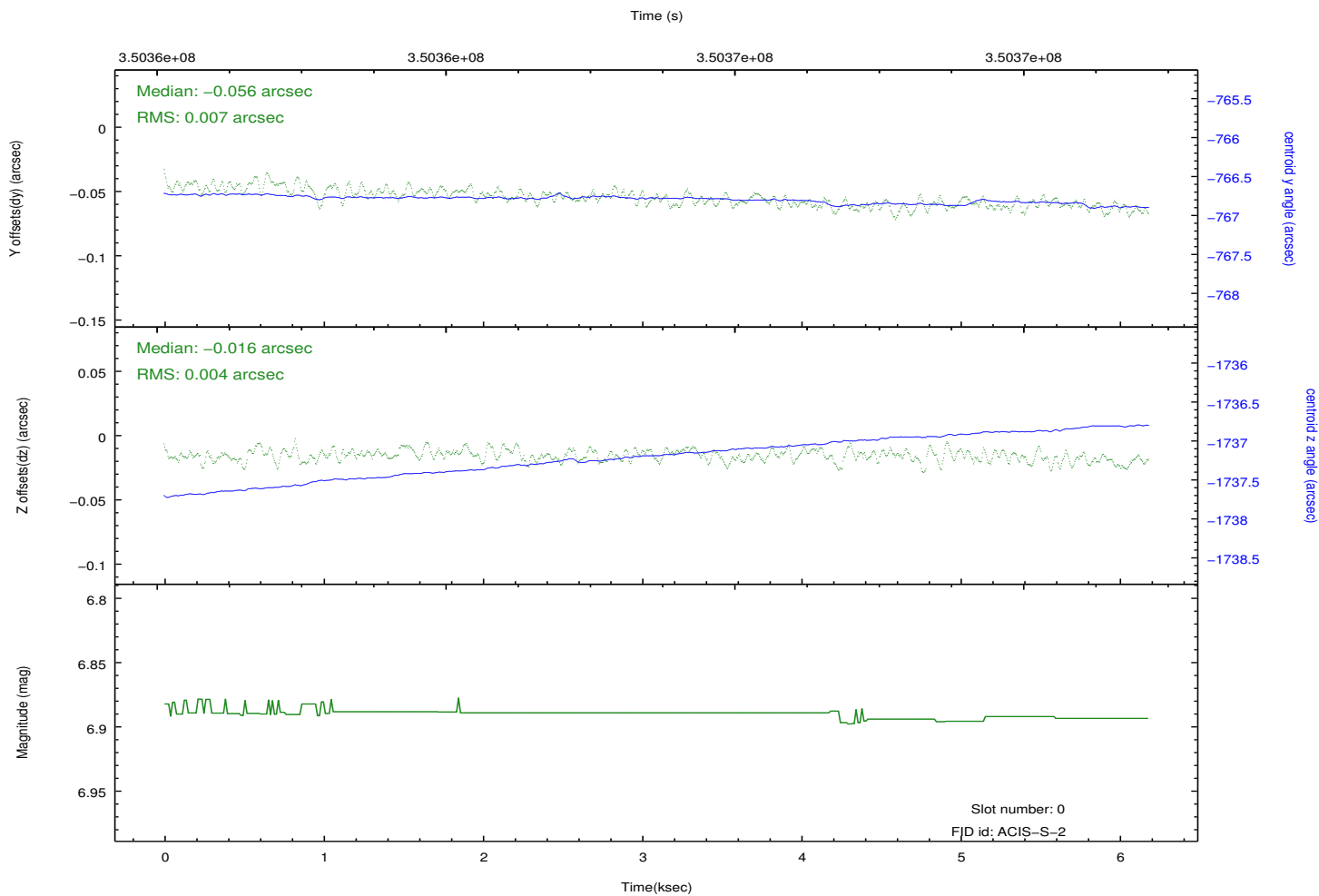
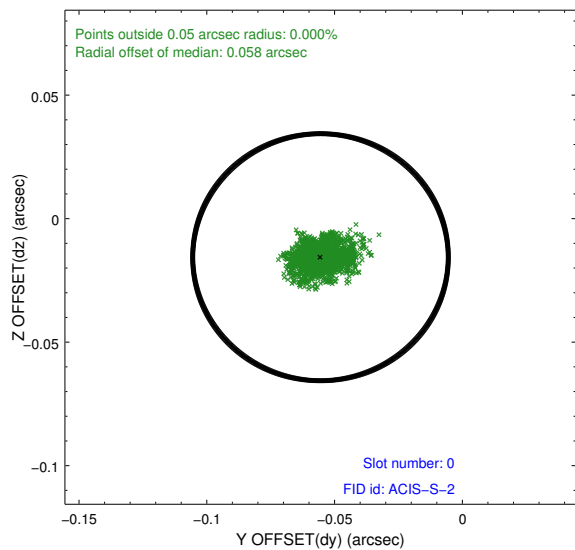
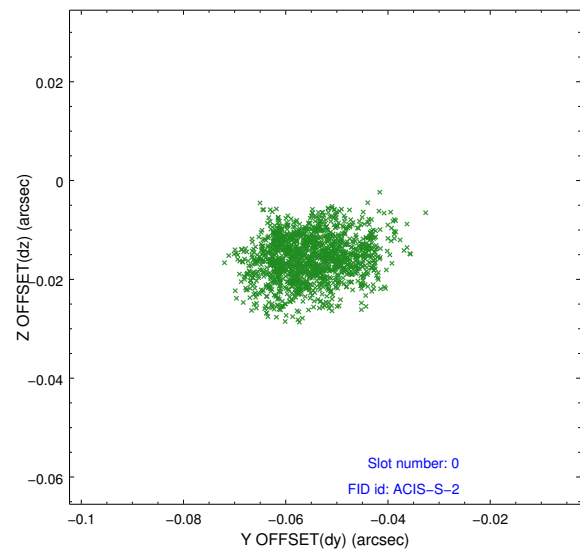


2.4.5 Slot 7

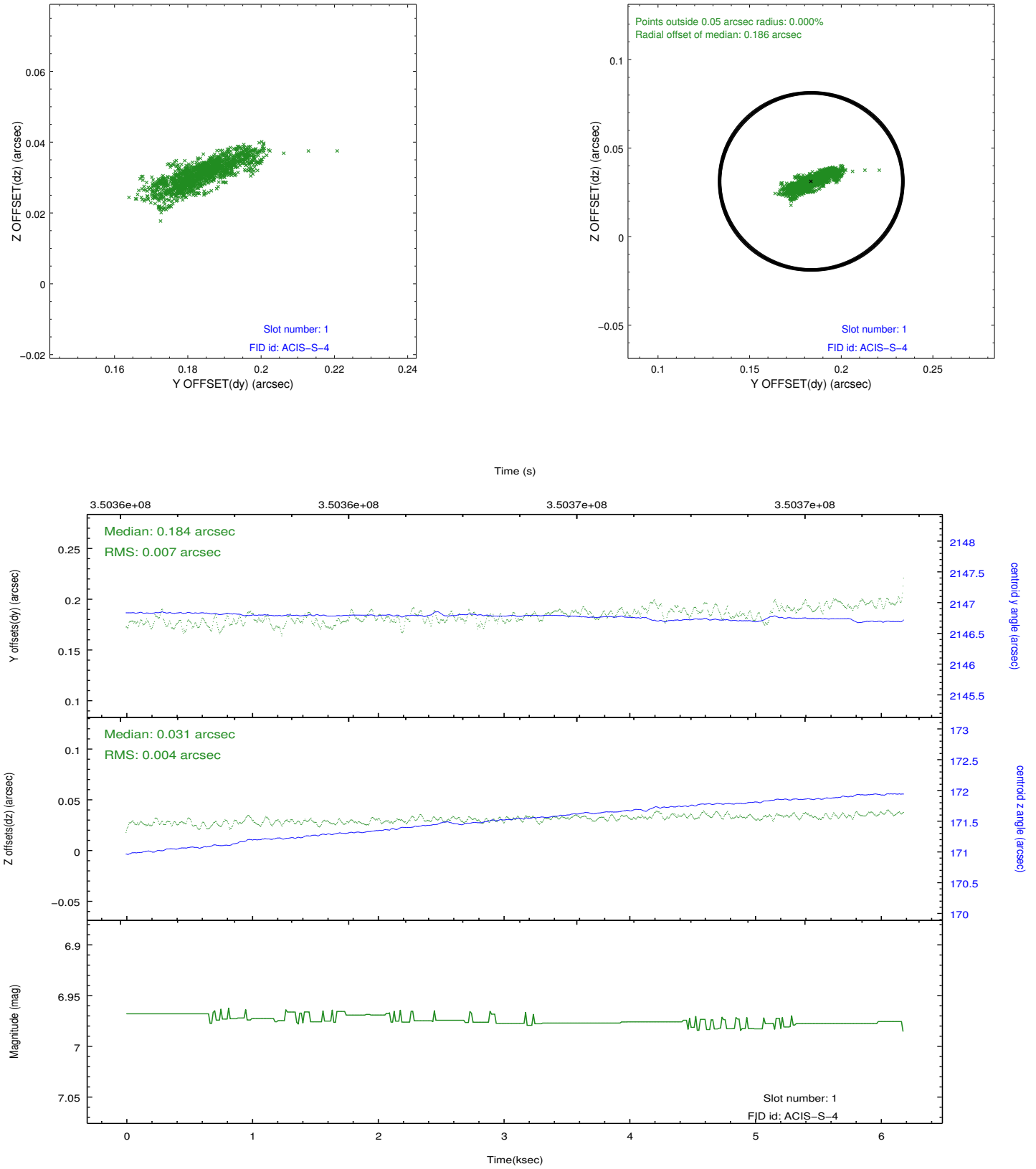


2.5 FID Slots

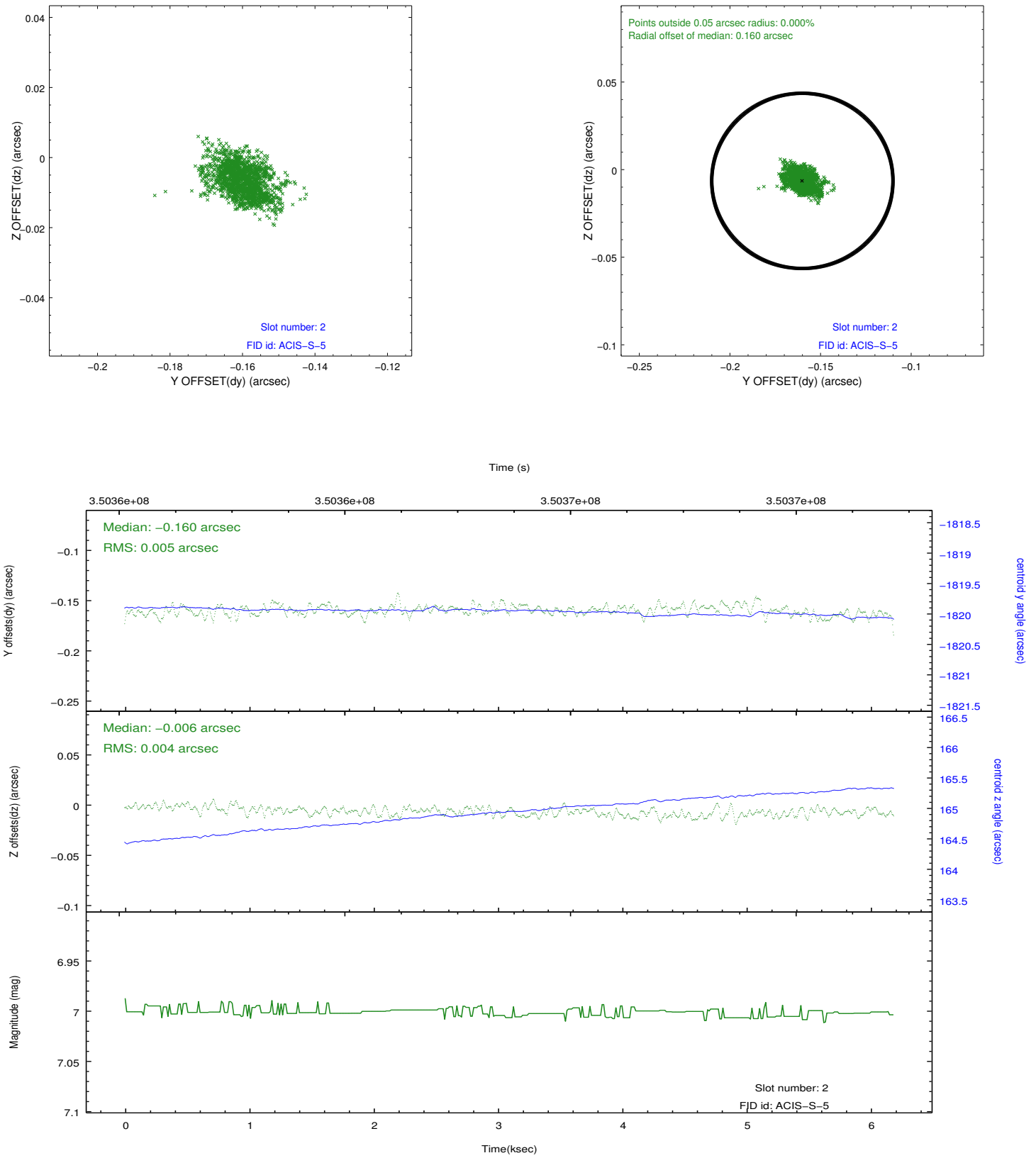
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.06.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.18639963

A.2 Comments

Joint proposal with HST.