

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11293 - L2 Version 2
Chandra X-Ray Center

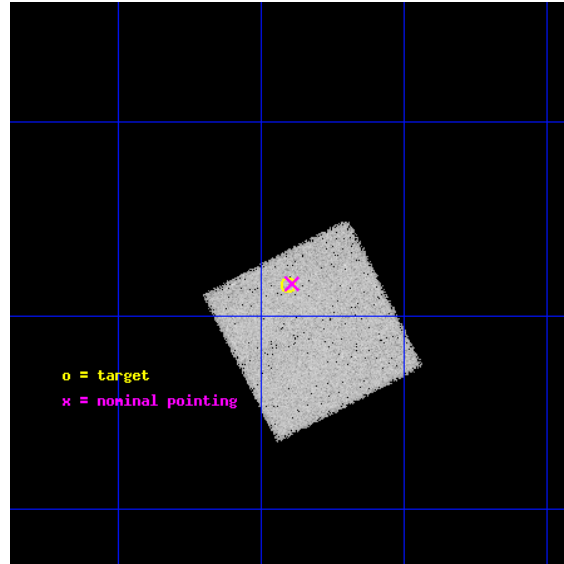
L2 Processing Date : Jun 18 2012

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

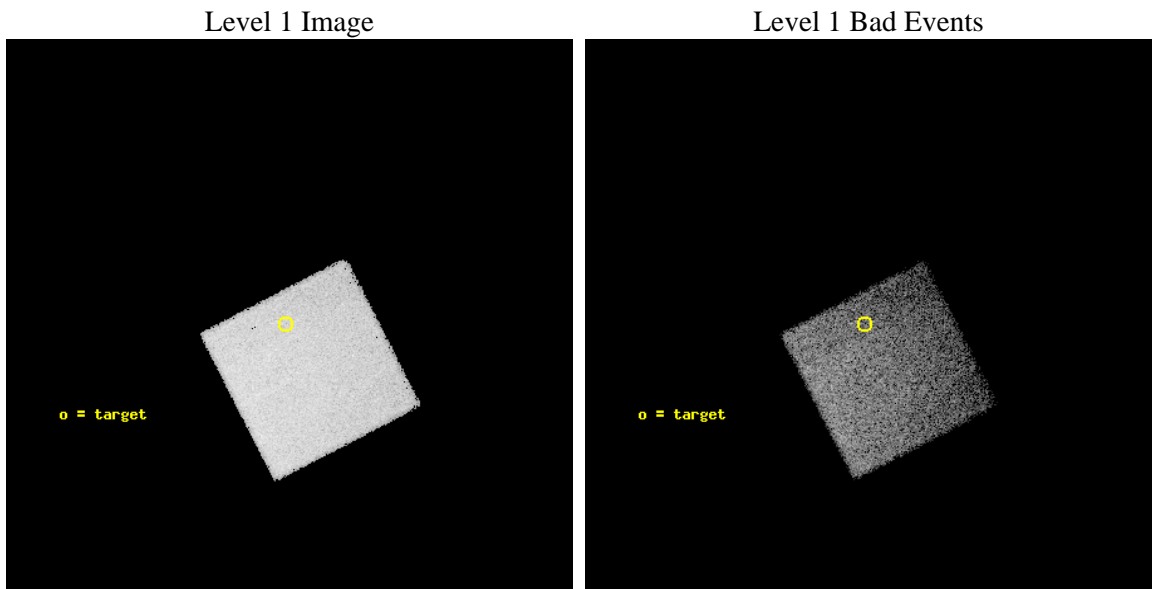
seq_num	600812	Sequence number
obs_id	11293	Observation id
title	Ultra-Luminous x-Ray Sources in the Most Metal-Poor Galaxies	Propo
observer	Dr Andrea Prestwich	Principal investigator
object	SDSS J141454.13-020822.9	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	213.725833	Observer's specified target RA [deg]
dec_targ	-2.139694	Observer's specified target Dec [deg]
ra_nom	213.72314884056	Nominal RA [deg]
dec_nom	-2.1393058436971	Nominal Dec [deg]
roll_nom	62.764009854951	Nominal Roll [deg]
revision	2	Processing version of data
ontime	16908.0	Sum of GTIs [s]
livetime	16679.820061558	Livetime [s]
ontime7	16908.0	Sum of GTIs [s]
l2events	75201	Number of level 2 events



2 OBI

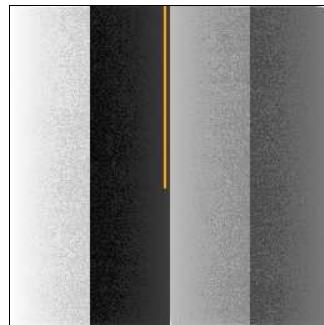
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	16750.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	16908.0	Sum of GTIs [s]
caldbver	4.4.10	 	ontime7	16908.0	Sum of GTIs [s]
date	2012-06-18T07:05:08	Date and time of file creation	l1events	181163	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

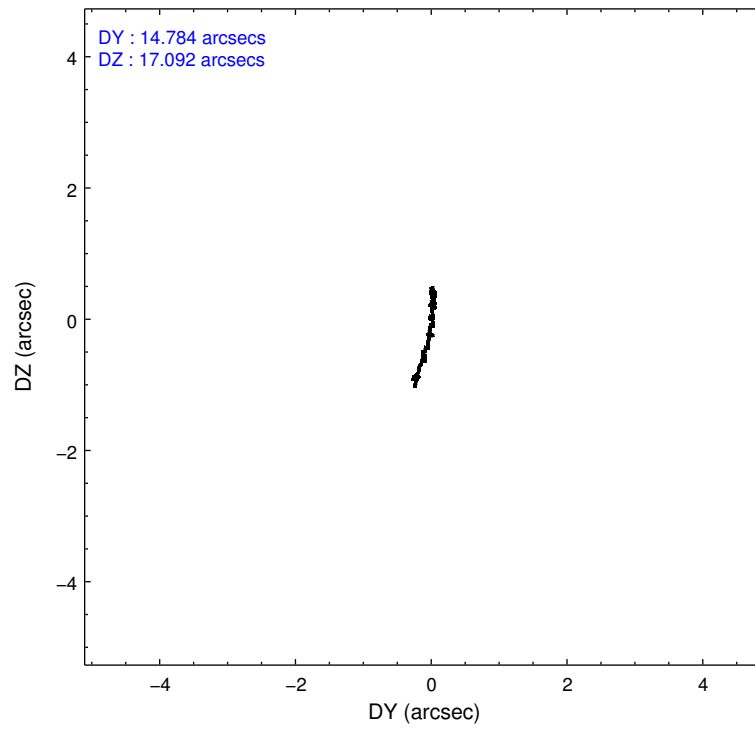
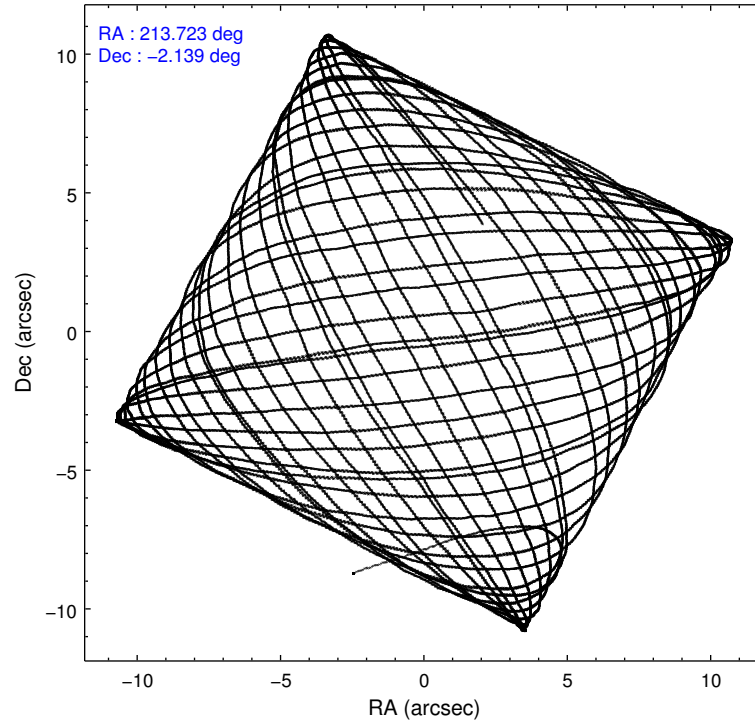
	ccd 7
level 1 events	181163
rejected events	103904
rejected %	57%

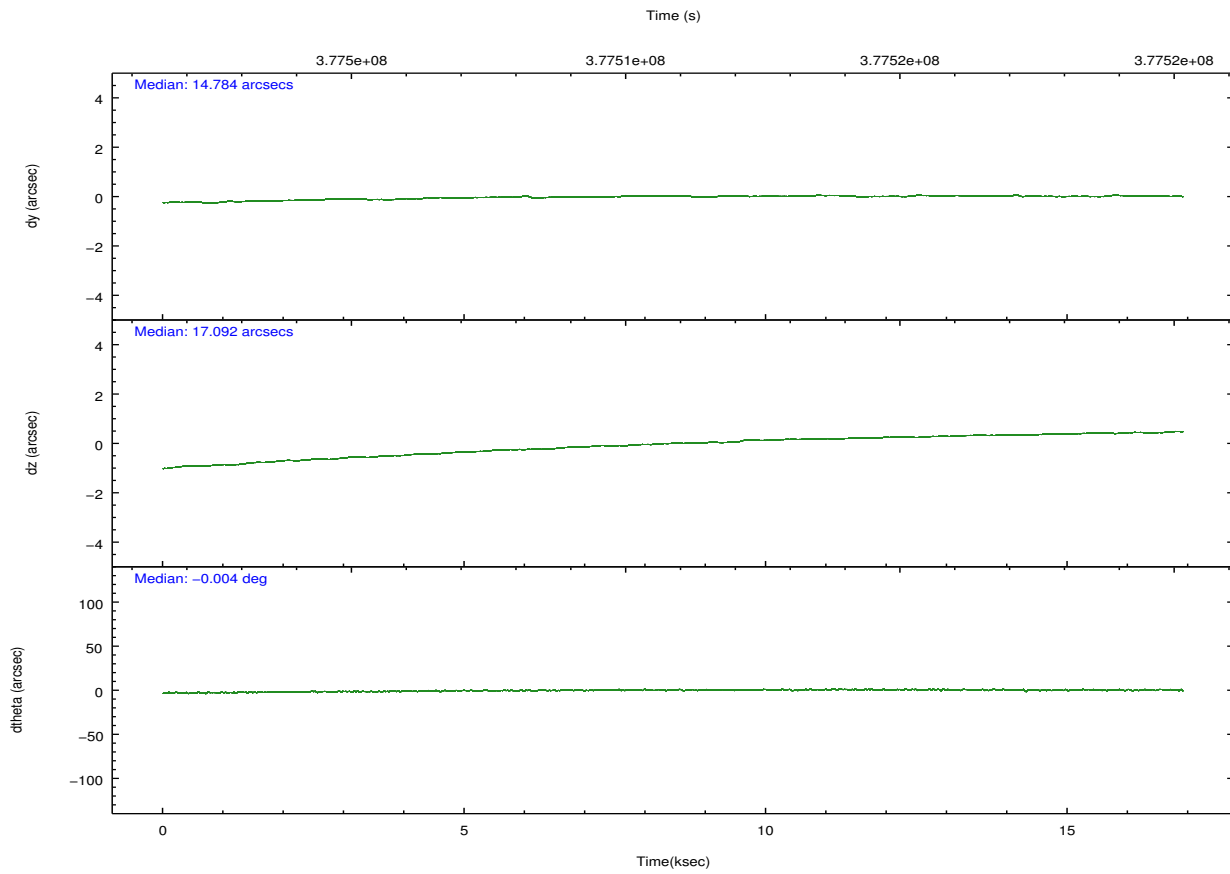
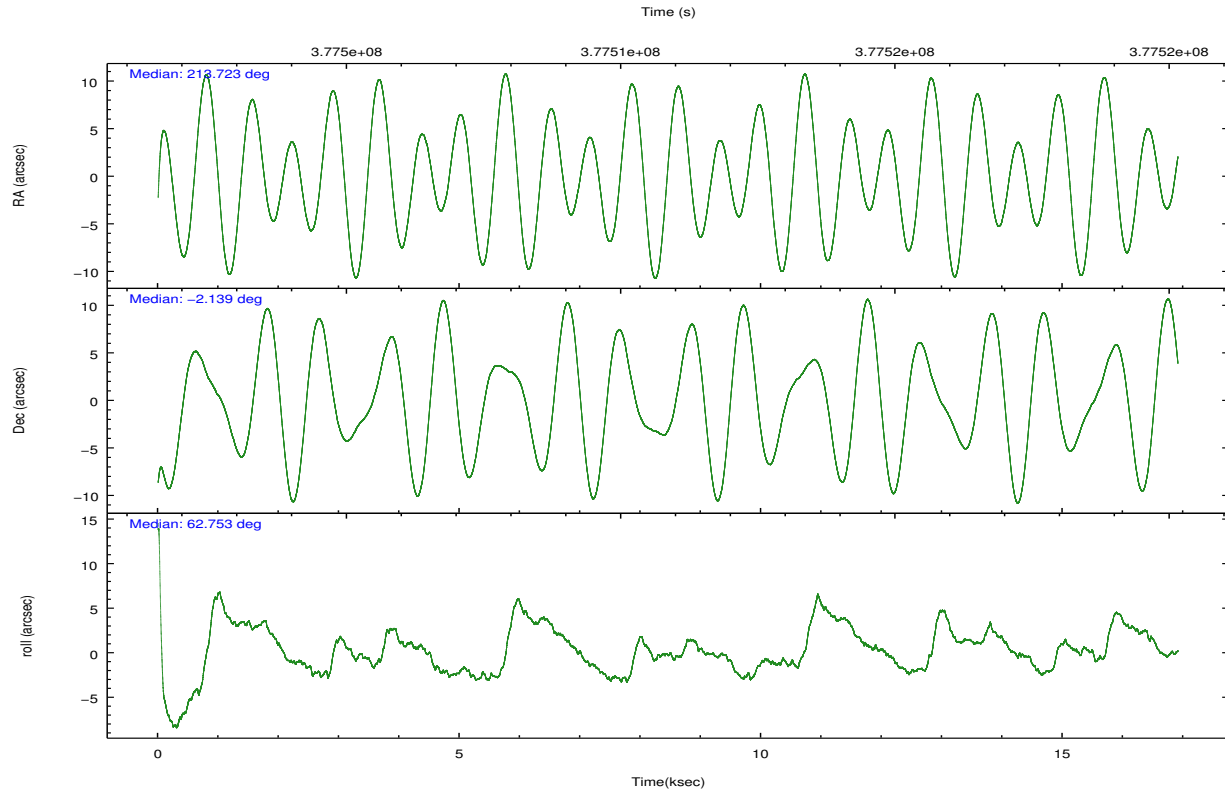
	ccd 7
grade 0 events	7893
	4%
grade 1 events	221
	0%
grade 2 events	17059
	9%
grade 3 events	7638
	4%
grade 4 events	7356
	4%
grade 5 events	18808
	10%
grade 6 events	43812
	24%
grade 7 events	78376
	43%

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	213.724849	213.7231488405623	Subarray requested	NONE	NONE
[deg] Pointing Dec	-2.166586	-2.139305843697099	Alternating exposures requested	N	N
[deg] Pointing Roll	62.607432	62.76400985495084	[s] Primary exposure time	0.000000	3
[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)	377502572.184000	377500995.78905			
Observation start date	2009-12-18T05:48:26	2009-12-18T05:23:15			
[s] Observation end time (MET)	377519322.184000	377519598.51499			
Observation end date	2009-12-18T10:27:36	2009-12-18T10:33:18			
Read mode	TIMED	TIMED			

2.3 Aspect



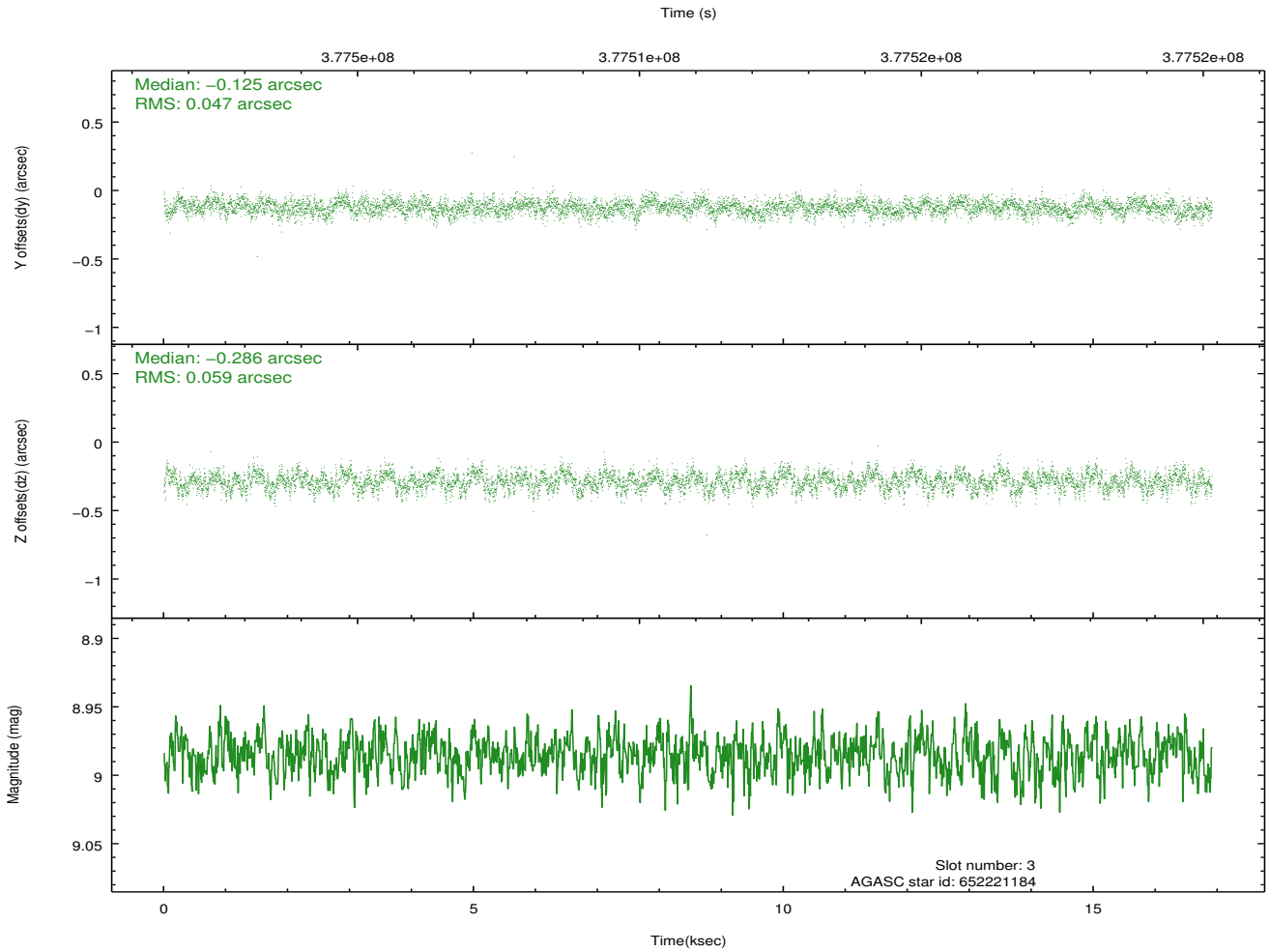
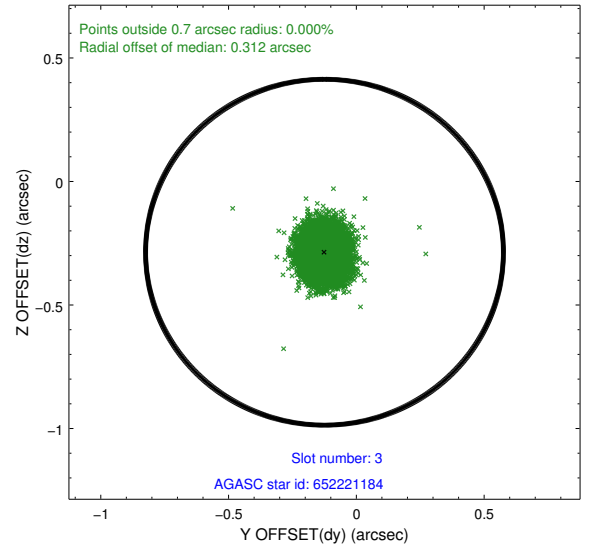
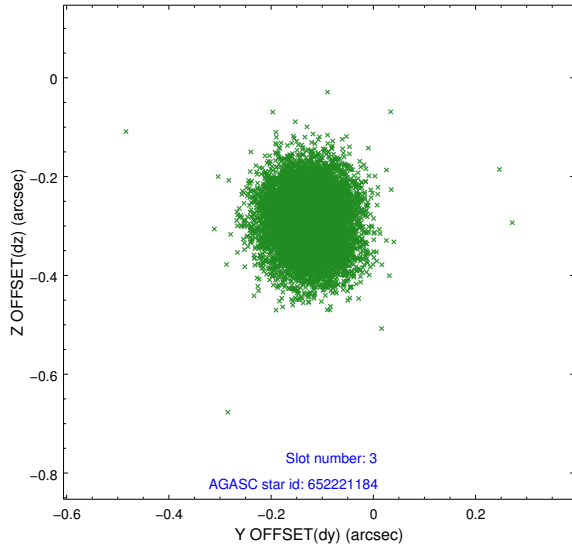


Slot Statistics

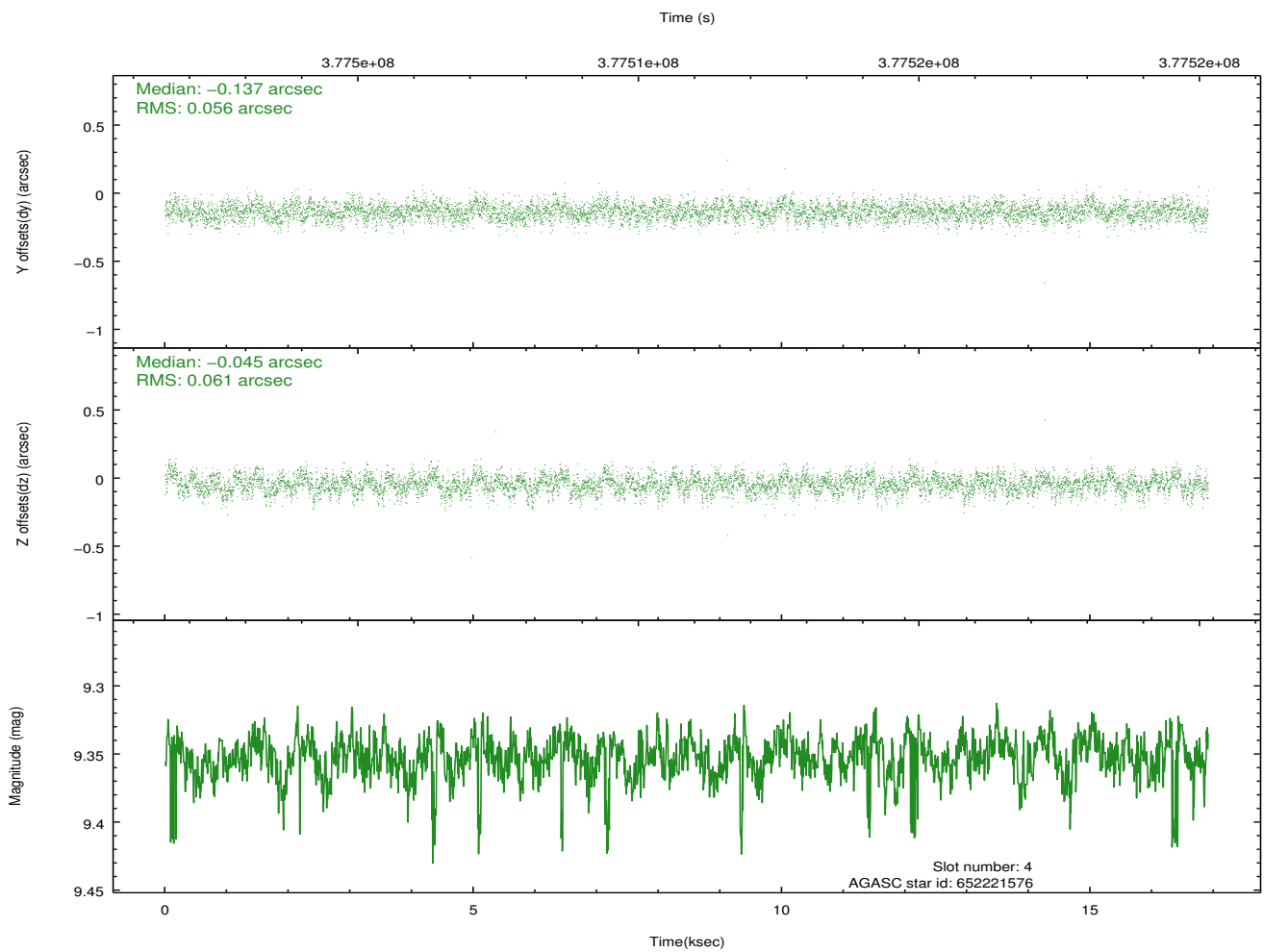
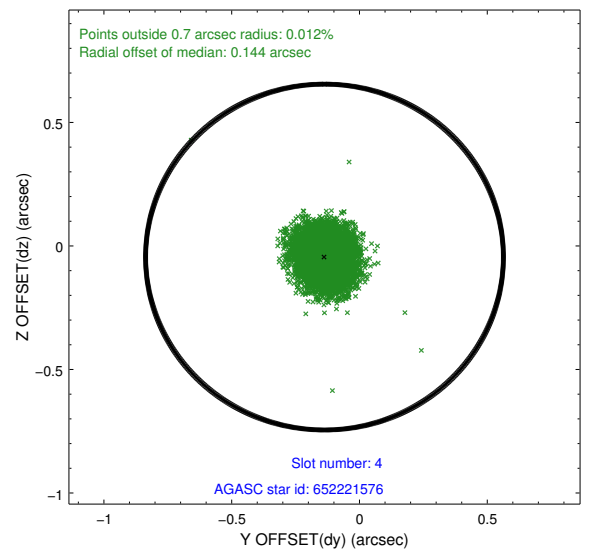
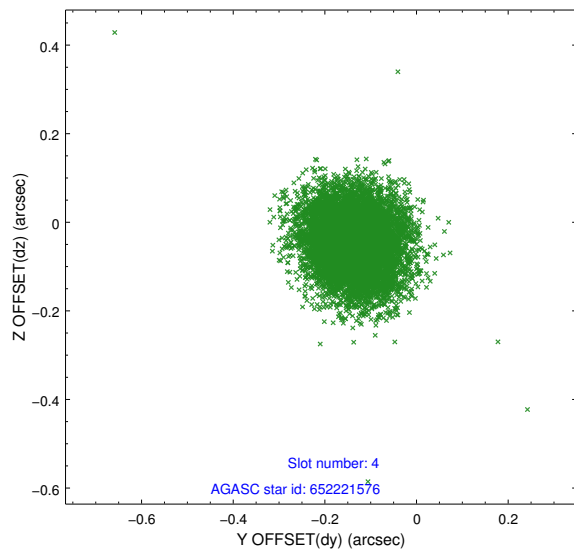
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	6.94	4125	0.085	-0.057	0.015	0.022	0.000000	0.000000	928.38	-1734.13
1	FID	ACIS-S-5	6.99	4124	-0.146	0.056	0.011	0.023	0.000000	0.000000	-1820.67	163.33
2	FID	ACIS-S-6	7.09	4125	0.040	0.013	0.023	0.033	0.000000	0.000000	393.67	807.49
3	GUIDE	652221184	8.99	8244	-0.125	-0.286	0.080	0.129	213.513019	-1.790944	849.87	1298.88
4	GUIDE	652221576	9.35	8216	-0.137	-0.045	0.088	0.142	214.129557	-2.018217	1144.41	-1046.73
5	GUIDE	652221736	9.01	8245	-0.106	0.090	0.117	0.179	213.173074	-1.974533	-299.90	2080.56
6	GUIDE	652222352	9.01	8245	-0.016	0.131	0.085	0.137	214.171753	-2.284816	361.67	-1622.79
7	GUIDE	652222440	9.37	8236	0.383	0.113	0.106	0.176	213.746925	-2.302917	-398.46	-296.37

2.4 Star Slots

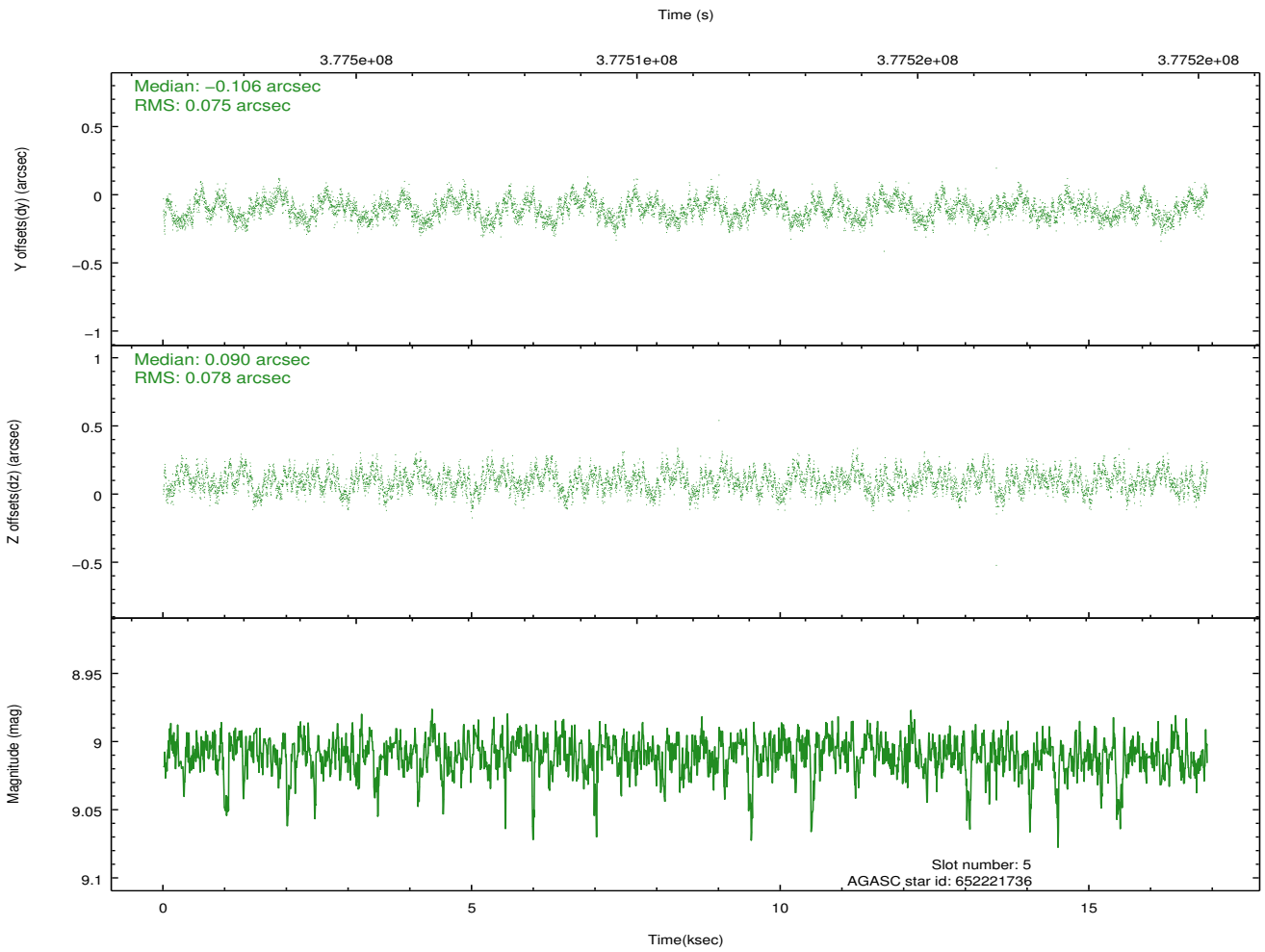
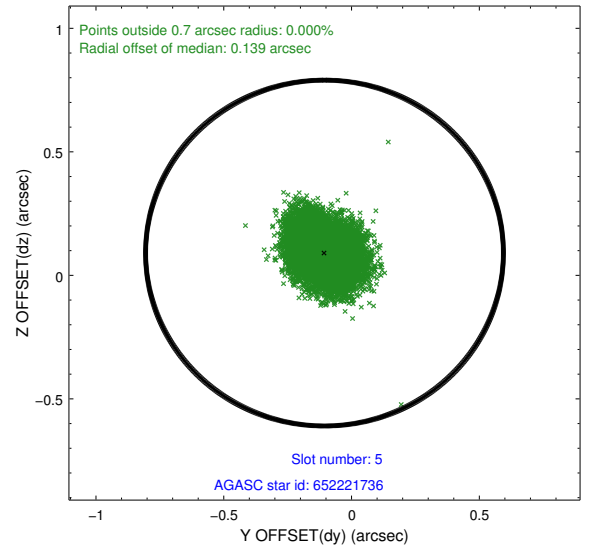
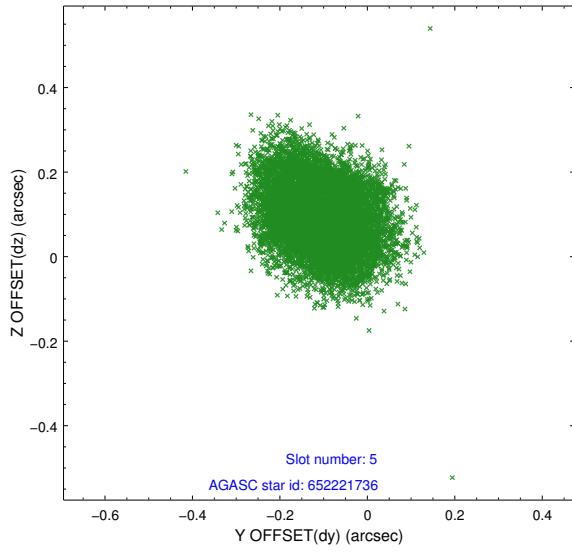
2.4.1 Slot 3



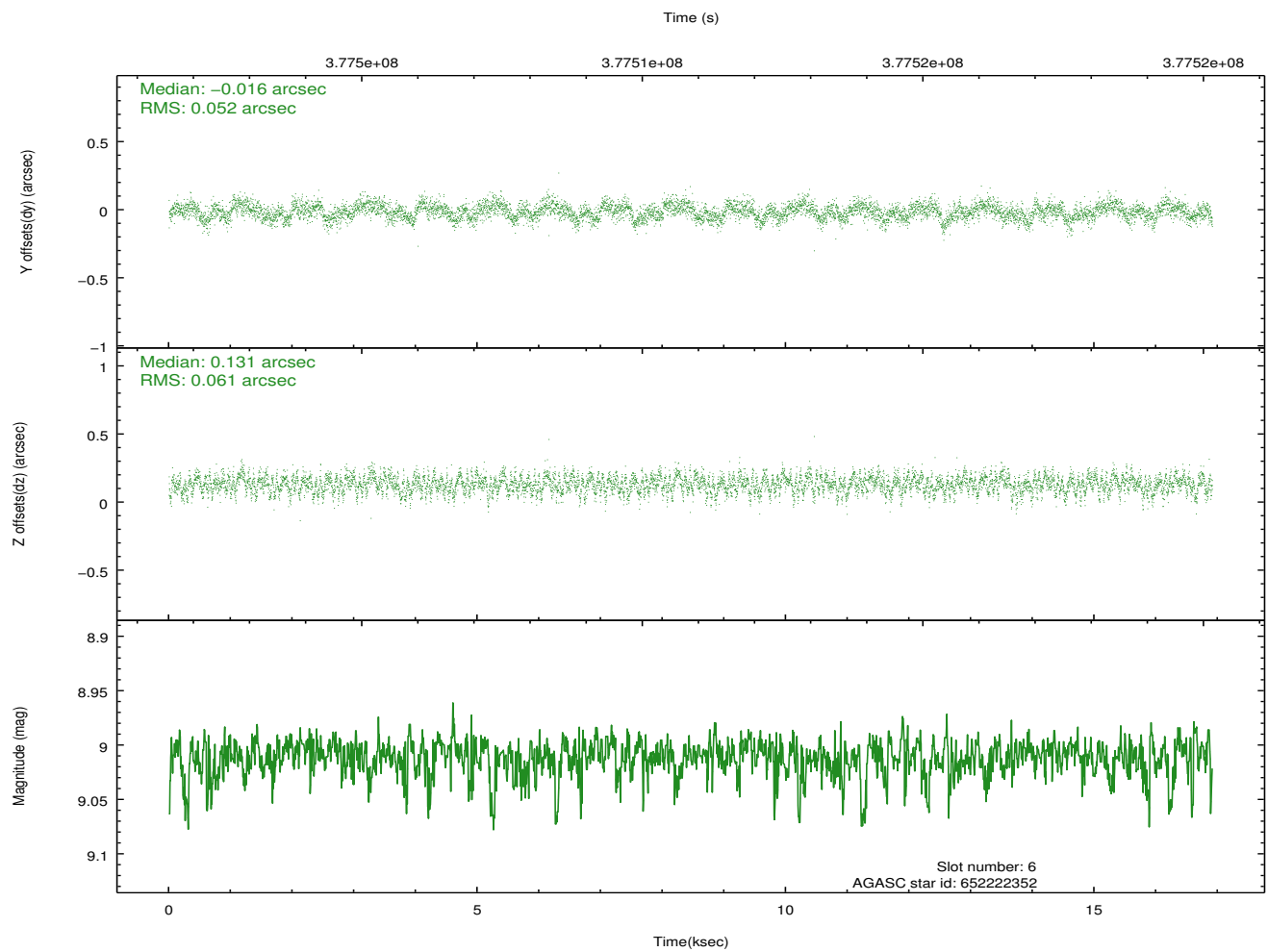
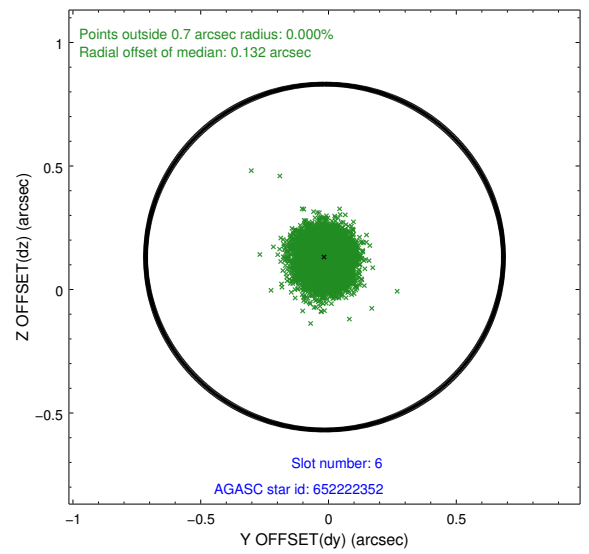
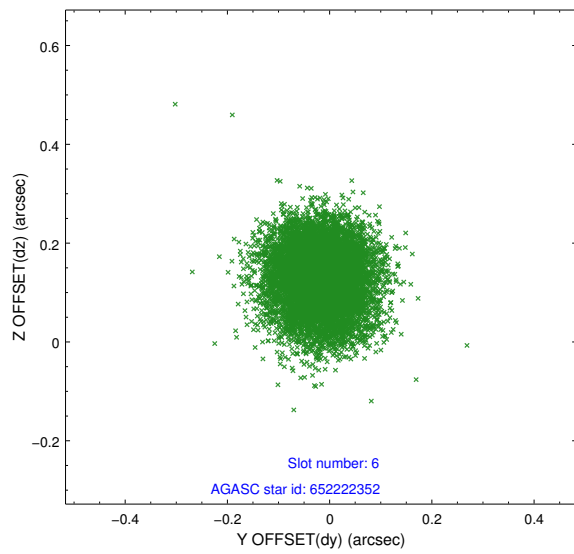
2.4.2 Slot 4



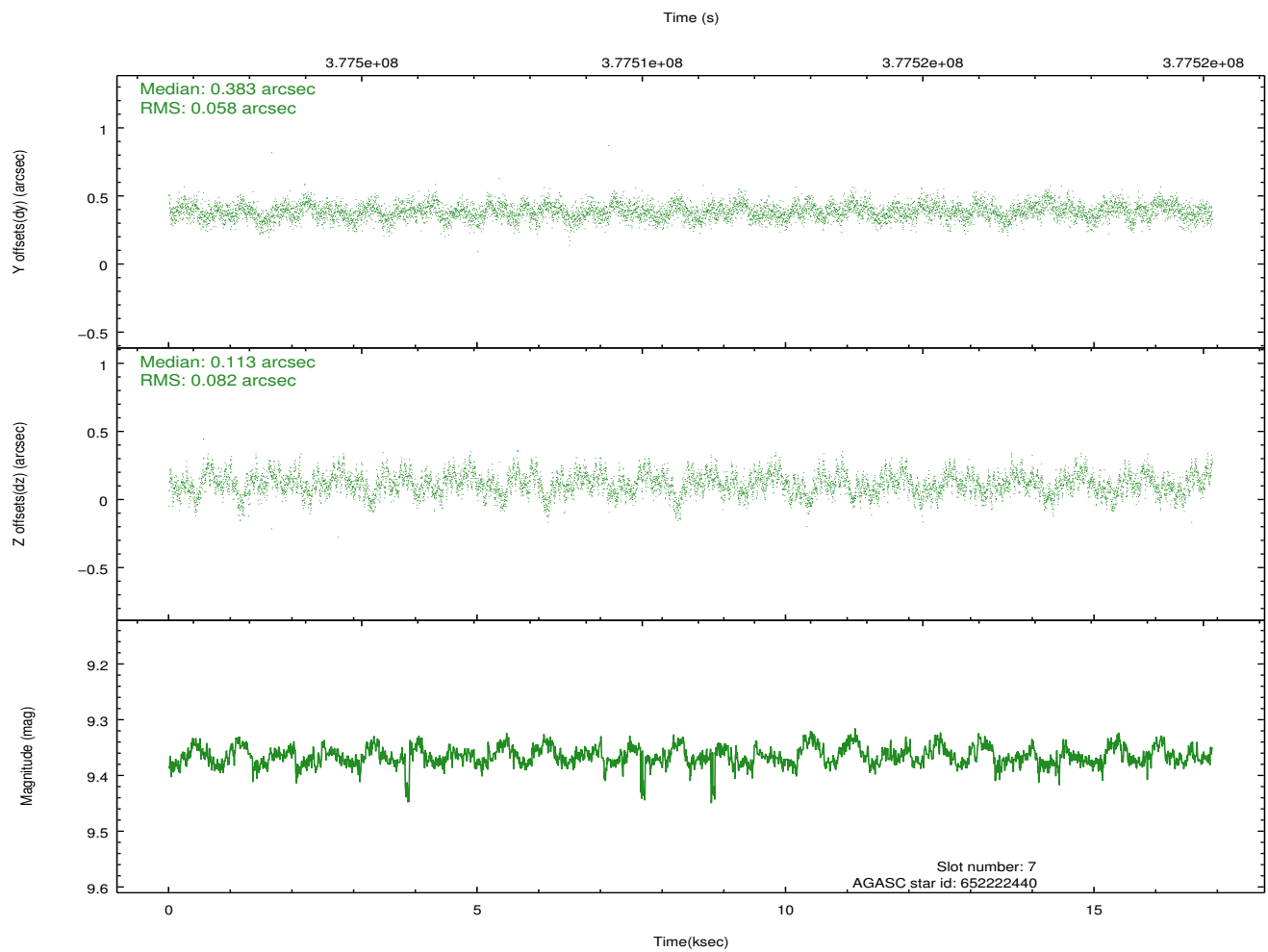
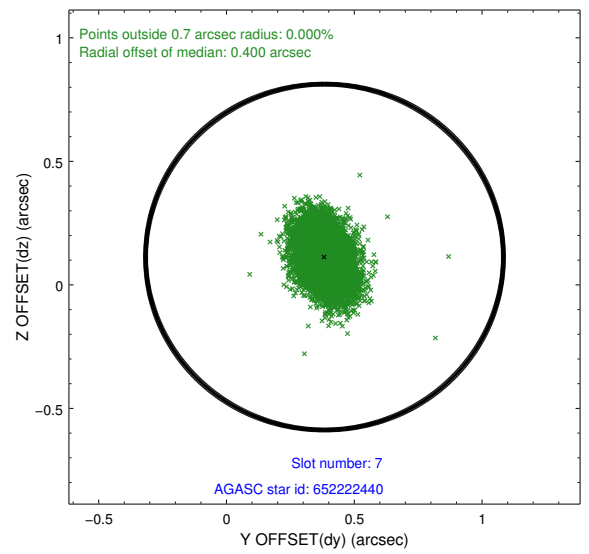
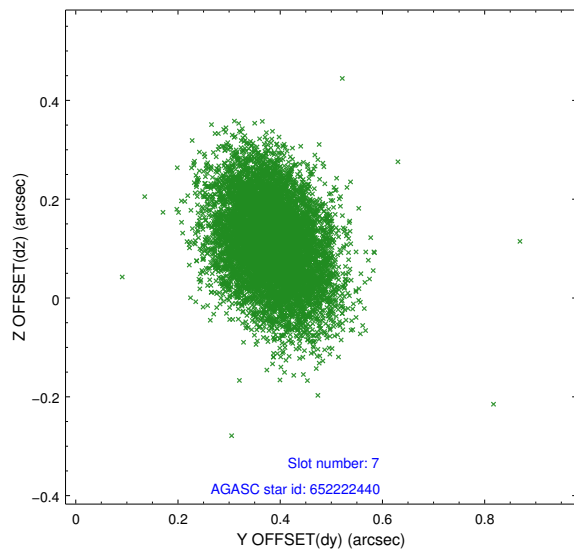
2.4.3 Slot 5



2.4.4 Slot 6

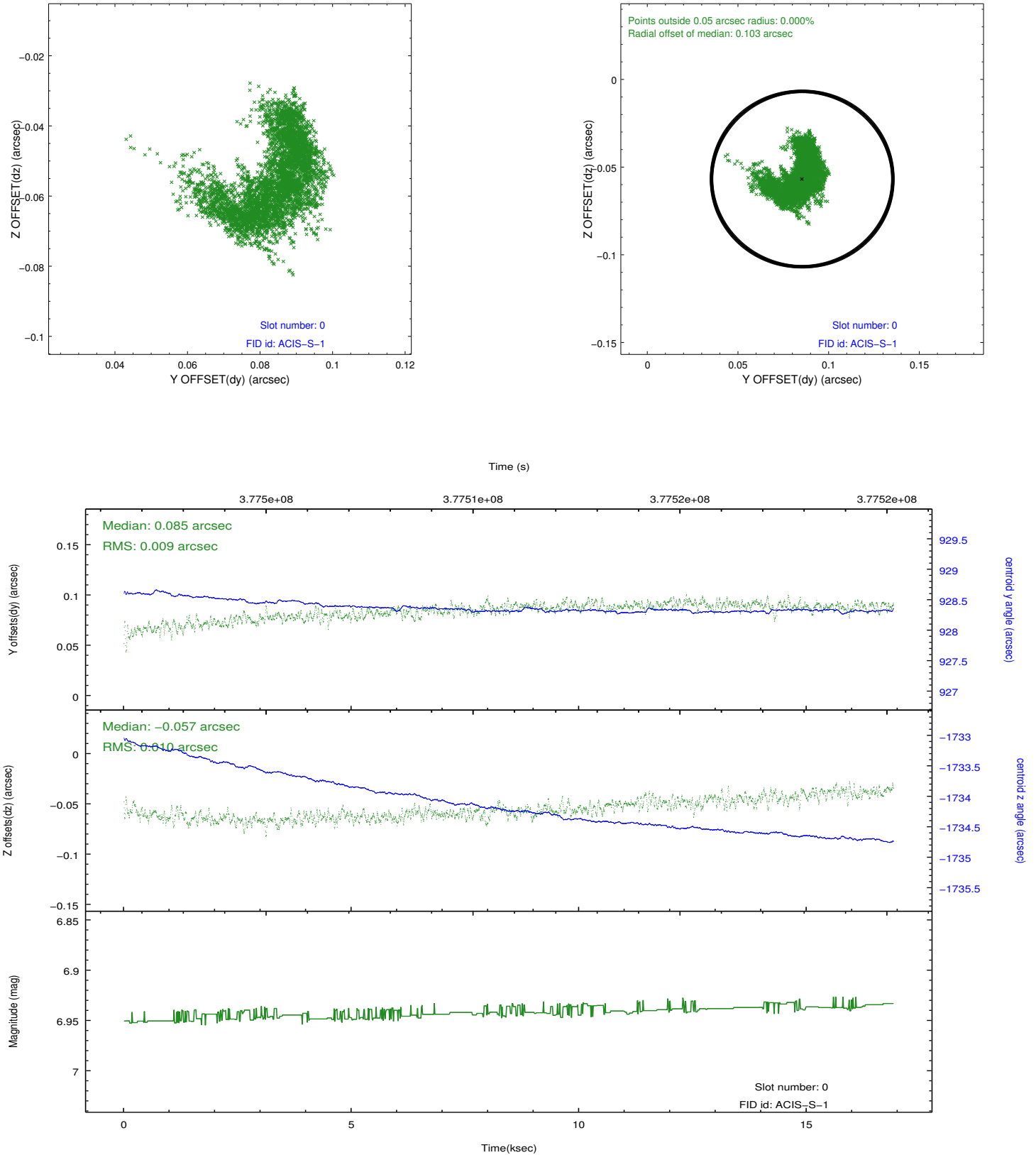


2.4.5 Slot 7

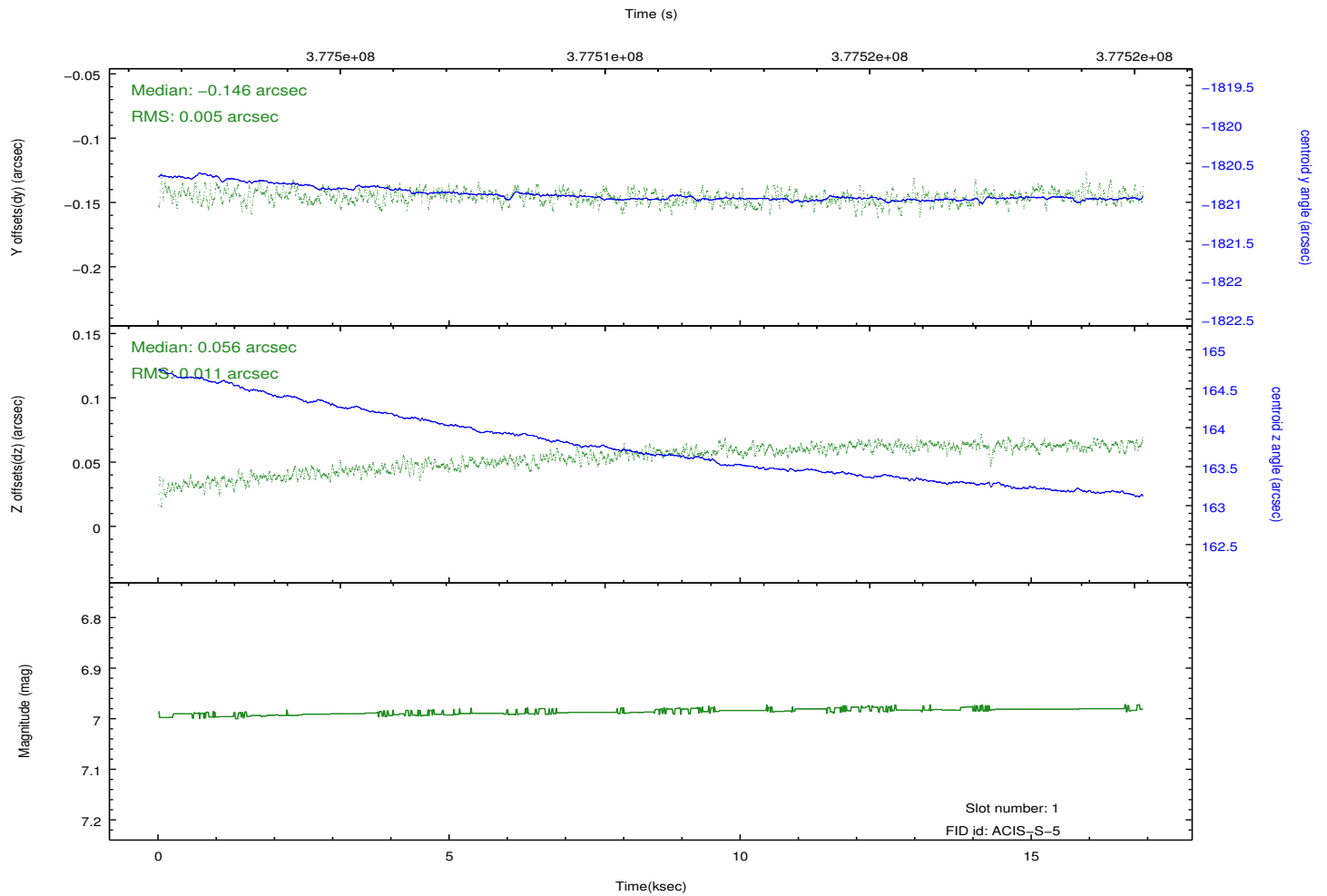
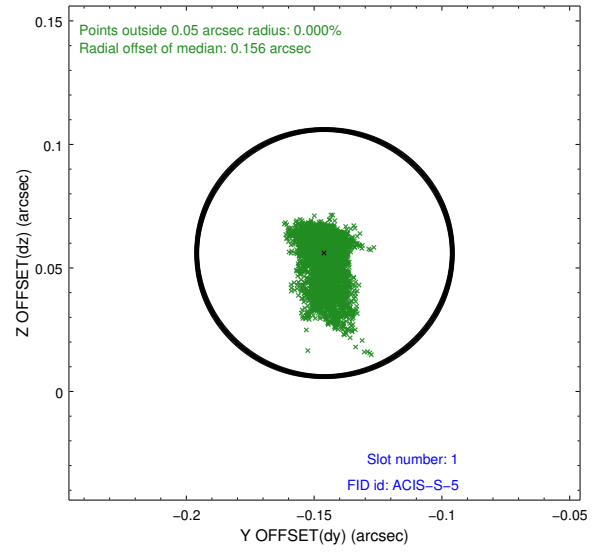
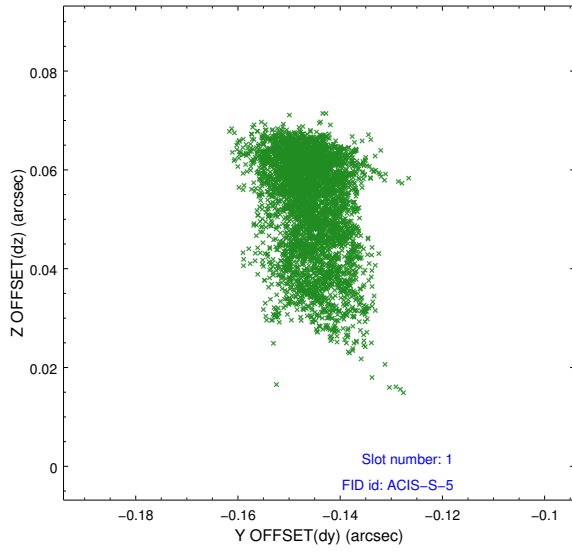


2.5 FID Slots

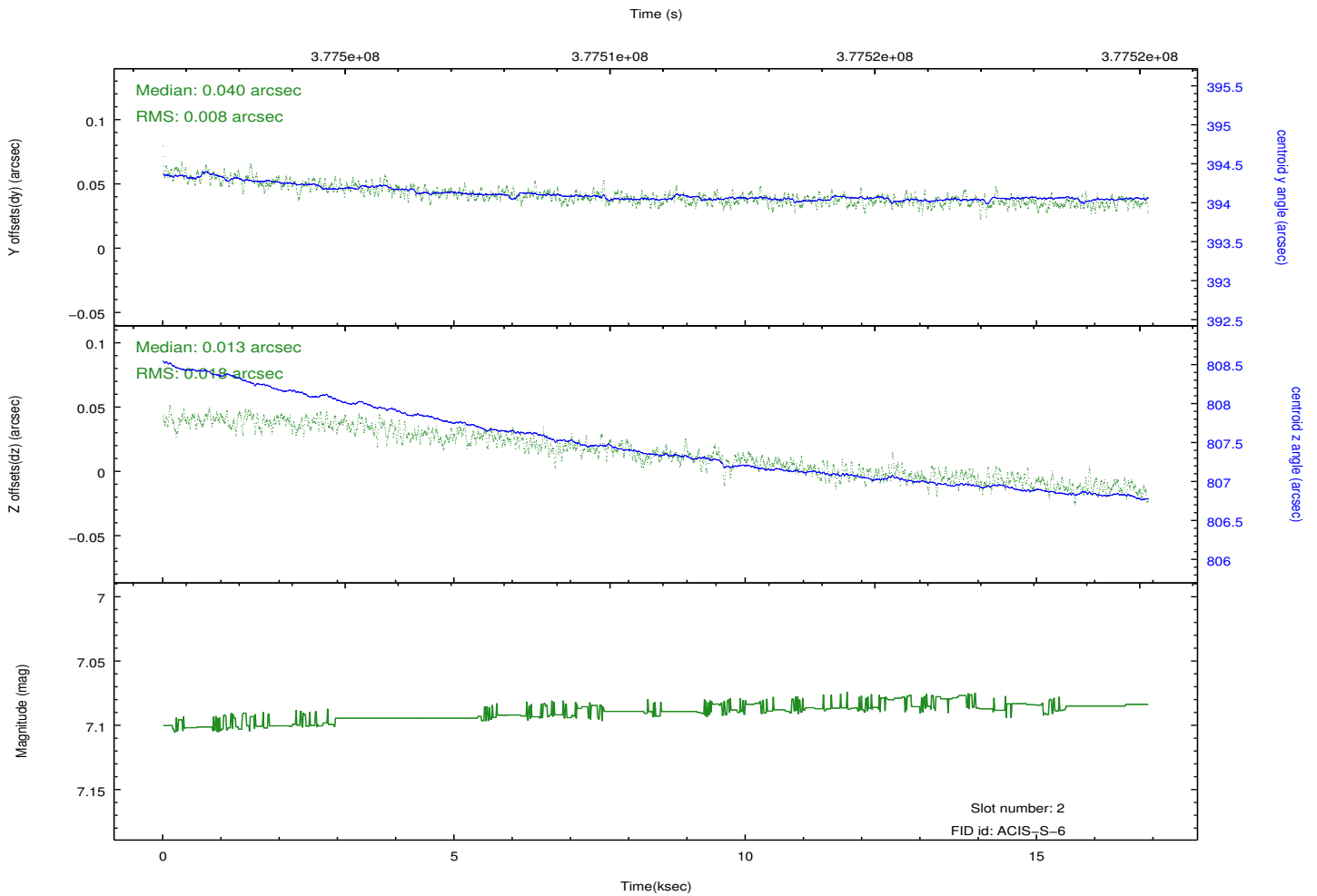
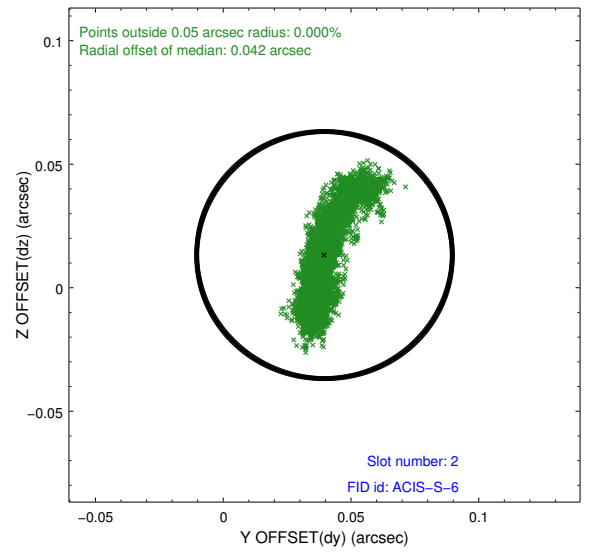
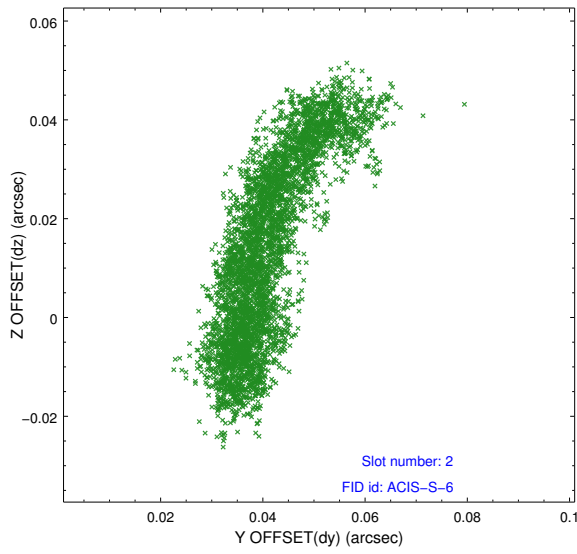
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	16.908

A.2 Comments

Joint Proposal: HST