

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11300 - L2 Version 2
Chandra X-Ray Center

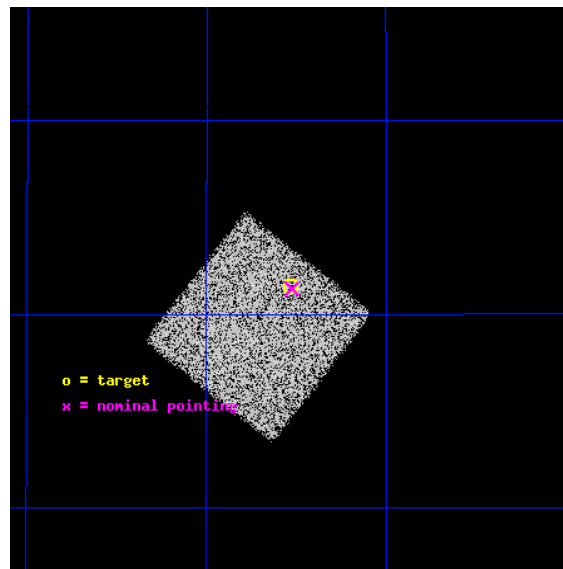
L2 Processing Date : Jun 18 2012

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

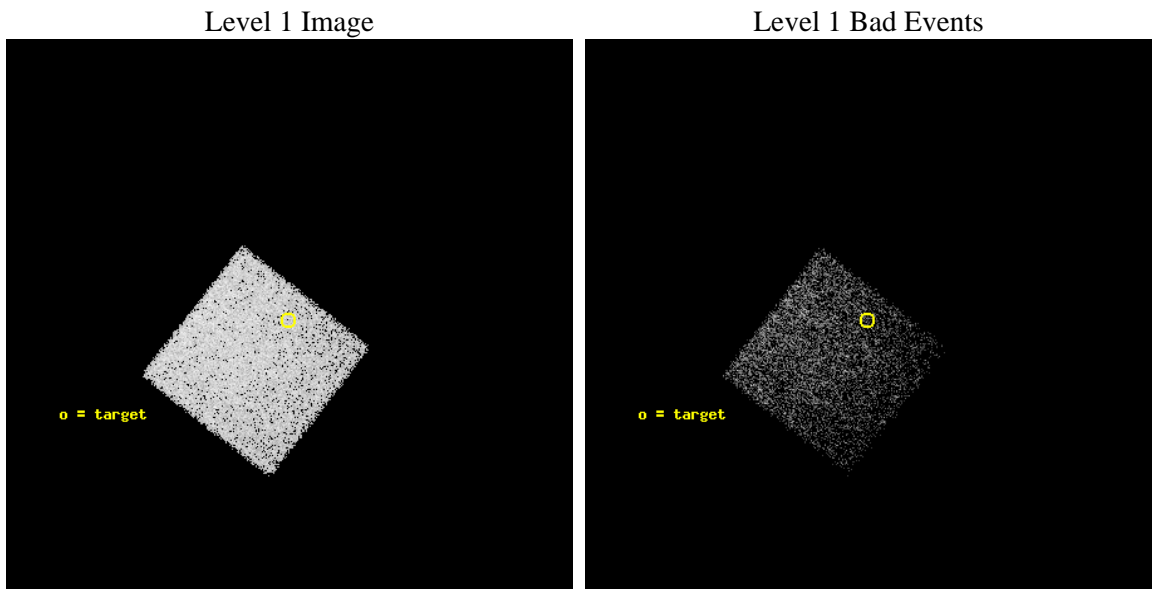
seq_num	600819	Sequence number
obs_id	11300	Observation id
title	Ultra-Luminous x-Ray Sources in the Most Metal-Poor Galaxies	Propo
observer	Dr Andrea Prestwich	Principal investigator
object	KUG 0743+513	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	116.88375	Observer's specified target RA [deg]
dec_targ	51.191167	Observer's specified target Dec [deg]
ra_nom	116.88139293835	Nominal RA [deg]
dec_nom	51.188856597158	Nominal Dec [deg]
roll_nom	128.23683107575	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5142.0	Sum of GTIs [s]
livetime	5072.6067397996	Livetime [s]
ontime7	5142.0	Sum of GTIs [s]
l2events	22462	Number of level 2 events



2 OBI

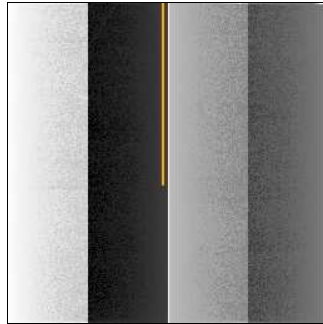
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5142.0	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	5142.0	Sum of GTIs [s]
date	2012-06-18T06:40:16	Date and time of file creation	l1events	61260	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

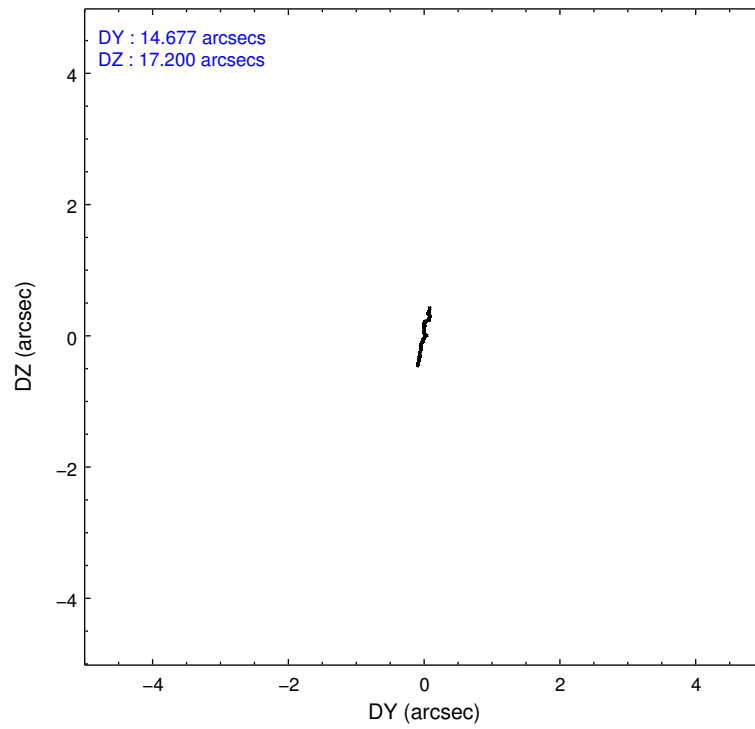
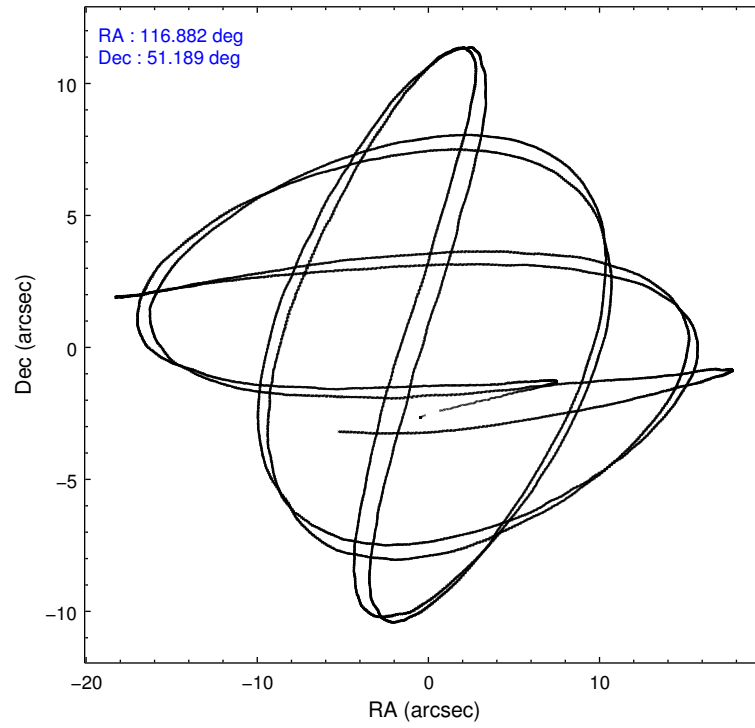
	ccd 7
level 1 events	61260
rejected events	38163
rejected %	62%

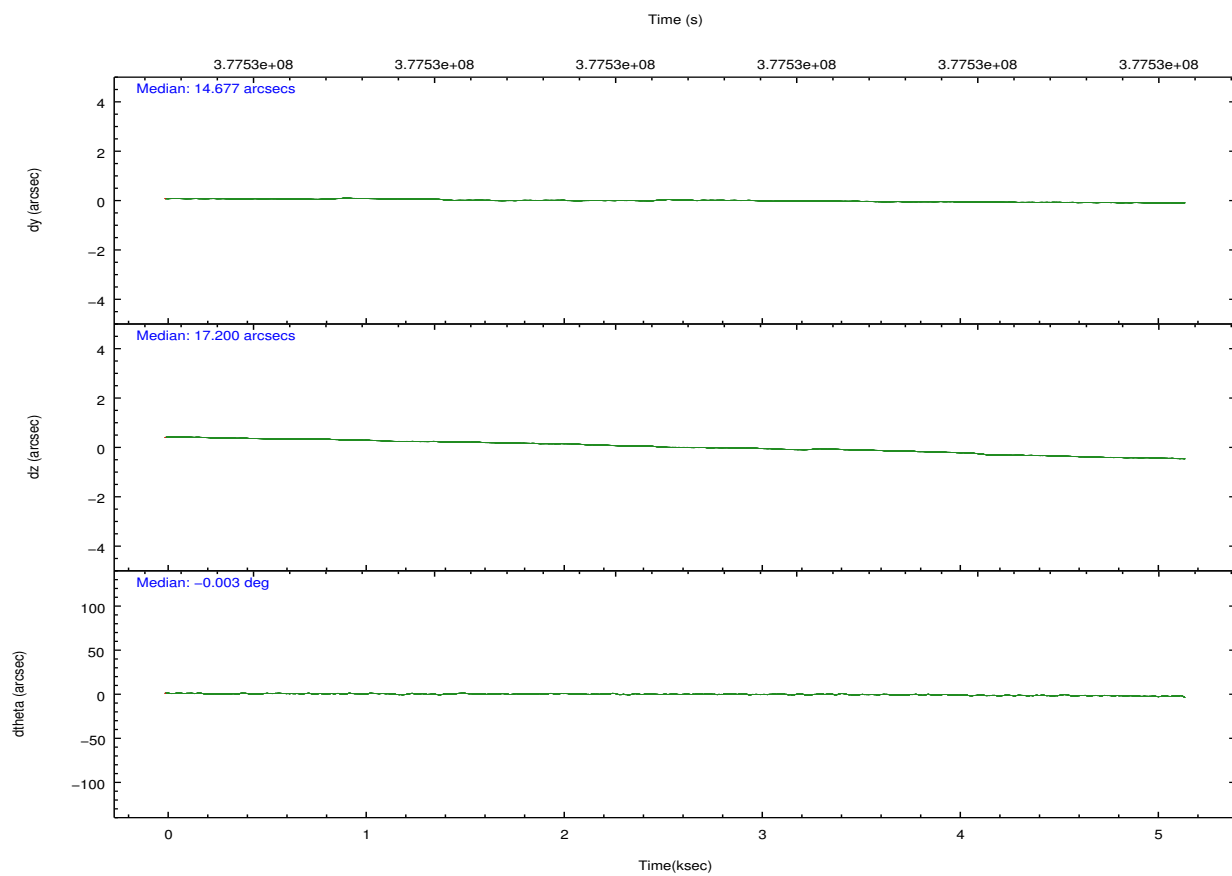
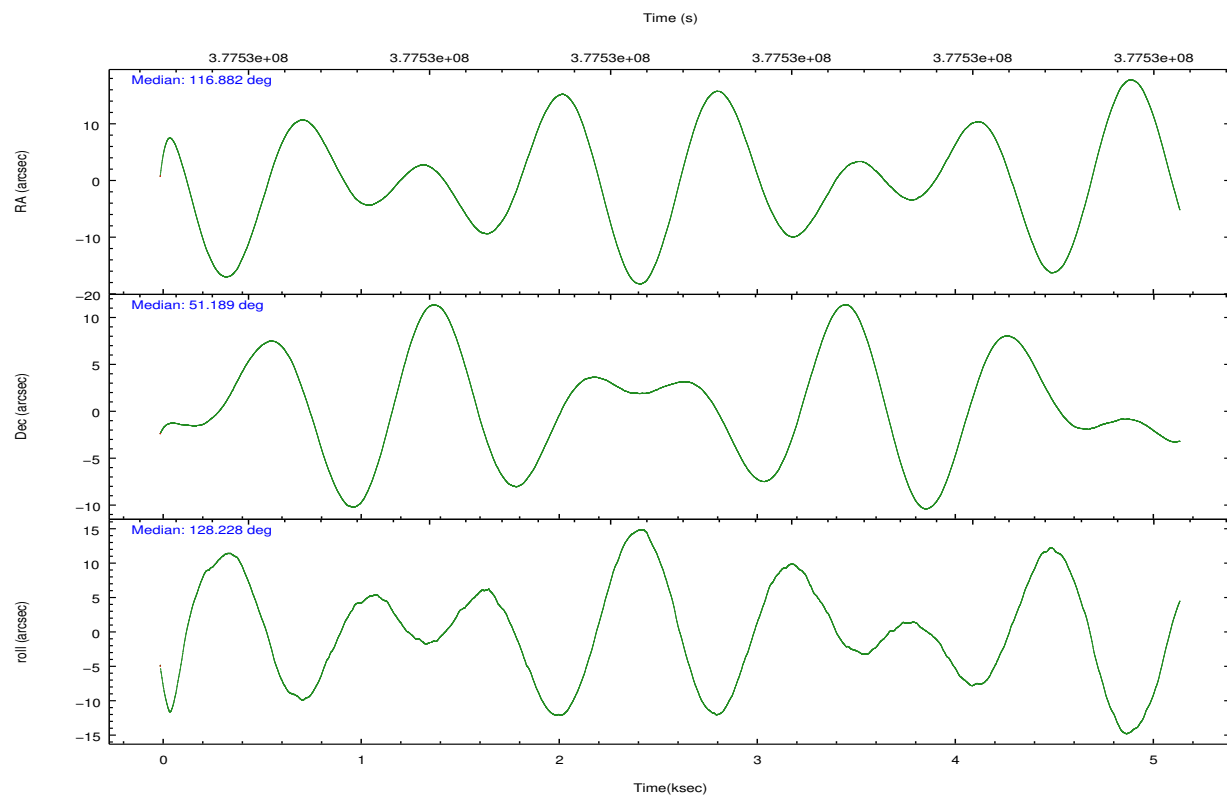
	ccd 7
grade 0 events	2489
	4%
grade 1 events	78
	0%
grade 2 events	5724
	9%
grade 3 events	2446
	3%
grade 4 events	2454
	4%
grade 5 events	6321
	10%
grade 6 events	14764
	24%
grade 7 events	26984
	44%

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	116.922127	116.8813929383463	Subarray requested	NONE	NONE
[deg] Pointing Dec	51.179102	51.18885659715799	Alternating exposures requested	N	N
[deg] Pointing Roll	128.048463	128.2368310757493	[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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	377528903.184000	377527660.1404			
Observation start date	2009-12-18T13:07:17	2009-12-18T12:47:40			
[s] Observation end time (MET)	377533903.184000	377534191.95323			
Observation end date	2009-12-18T14:30:37	2009-12-18T14:36:31			
Read mode	TIMED	TIMED			

2.3 Aspect



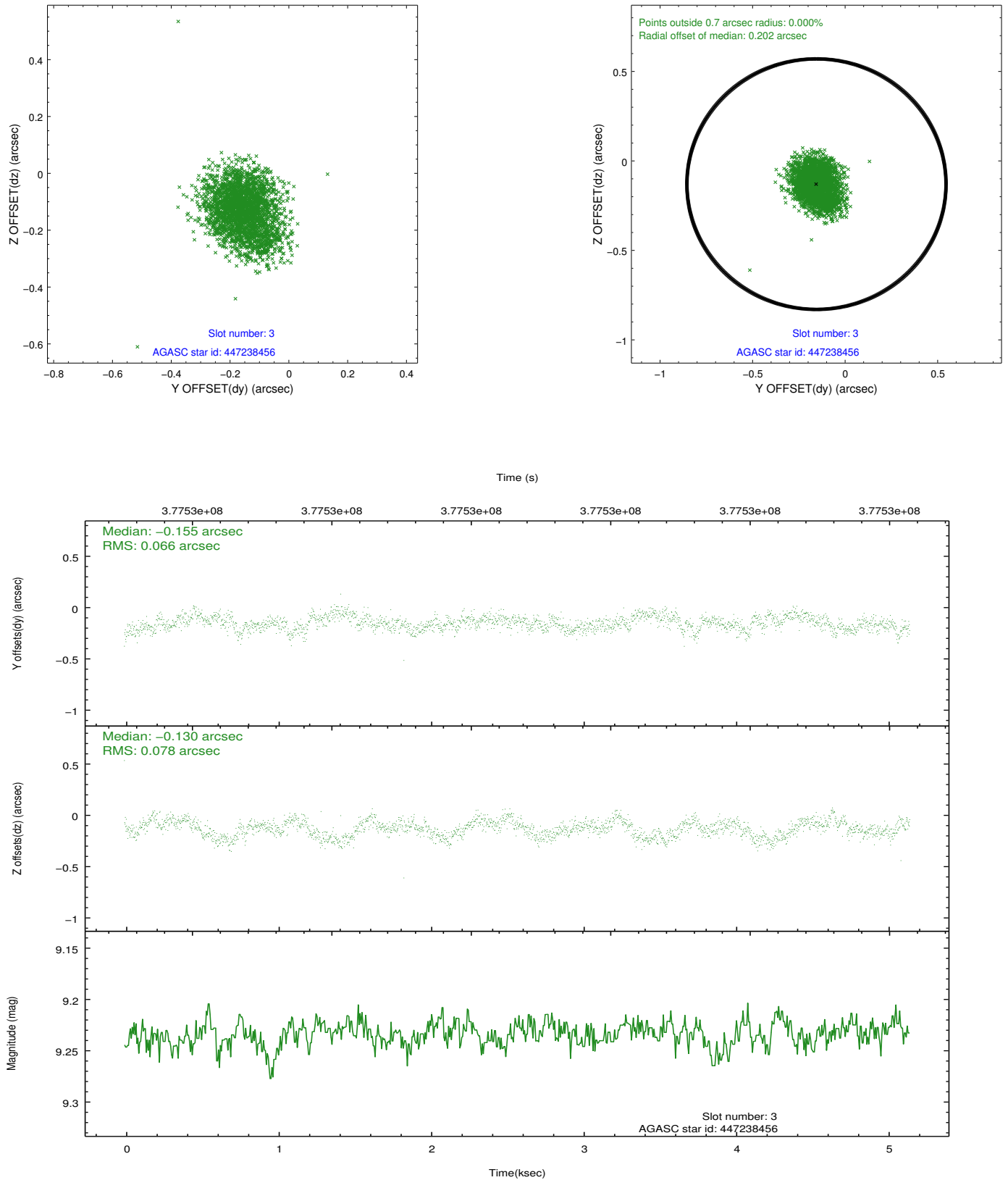


Slot Statistics

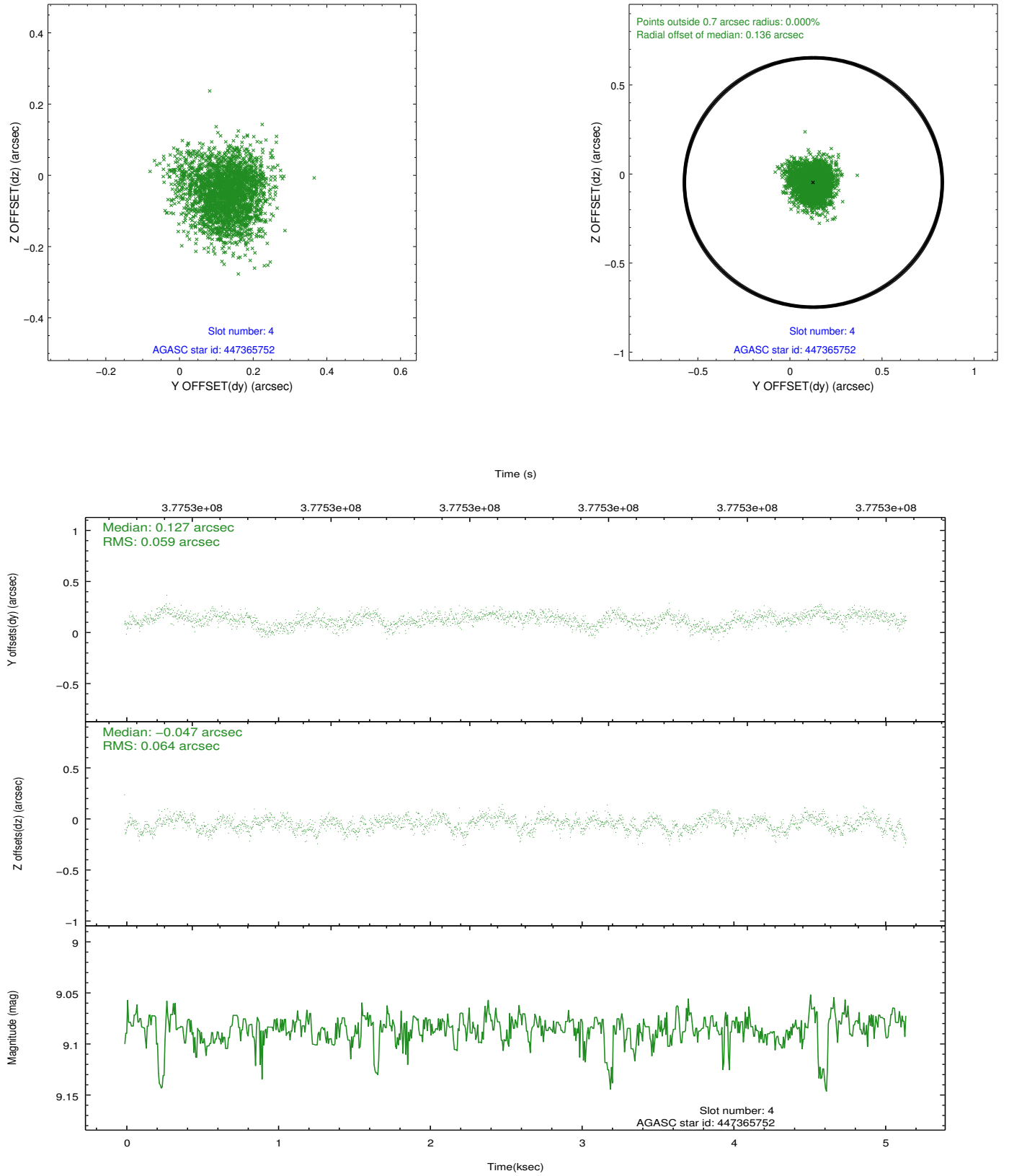
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.86	1257	-0.044	-0.002	0.010	0.016	0.000000	0.000000	-767.71	-1738.59
1	FID	ACIS-S-4	6.94	1257	0.136	0.023	0.005	0.010	0.000000	0.000000	2145.24	168.64
2	FID	ACIS-S-5	6.97	1257	-0.122	-0.011	0.009	0.015	0.000000	0.000000	-1819.09	163.69
3	GUIDE	447238456	9.23	2512	-0.155	-0.130	0.109	0.171	115.634006	51.276496	2083.86	2052.84
4	GUIDE	447365752	9.08	2511	0.127	-0.047	0.094	0.151	116.640362	50.951663	-248.83	1007.88
5	GUIDE	447366176	8.40	2513	-0.017	0.246	0.090	0.143	117.306902	51.812135	1269.15	-2079.49
6	GUIDE	447366256	7.24	2513	-0.007	0.077	0.064	0.098	117.731738	51.122642	-1278.68	-1322.20
7	GUIDE	447368544	8.79	2511	0.052	-0.141	0.076	0.128	116.274562	50.848084	-26.78	1889.28

2.4 Star Slots

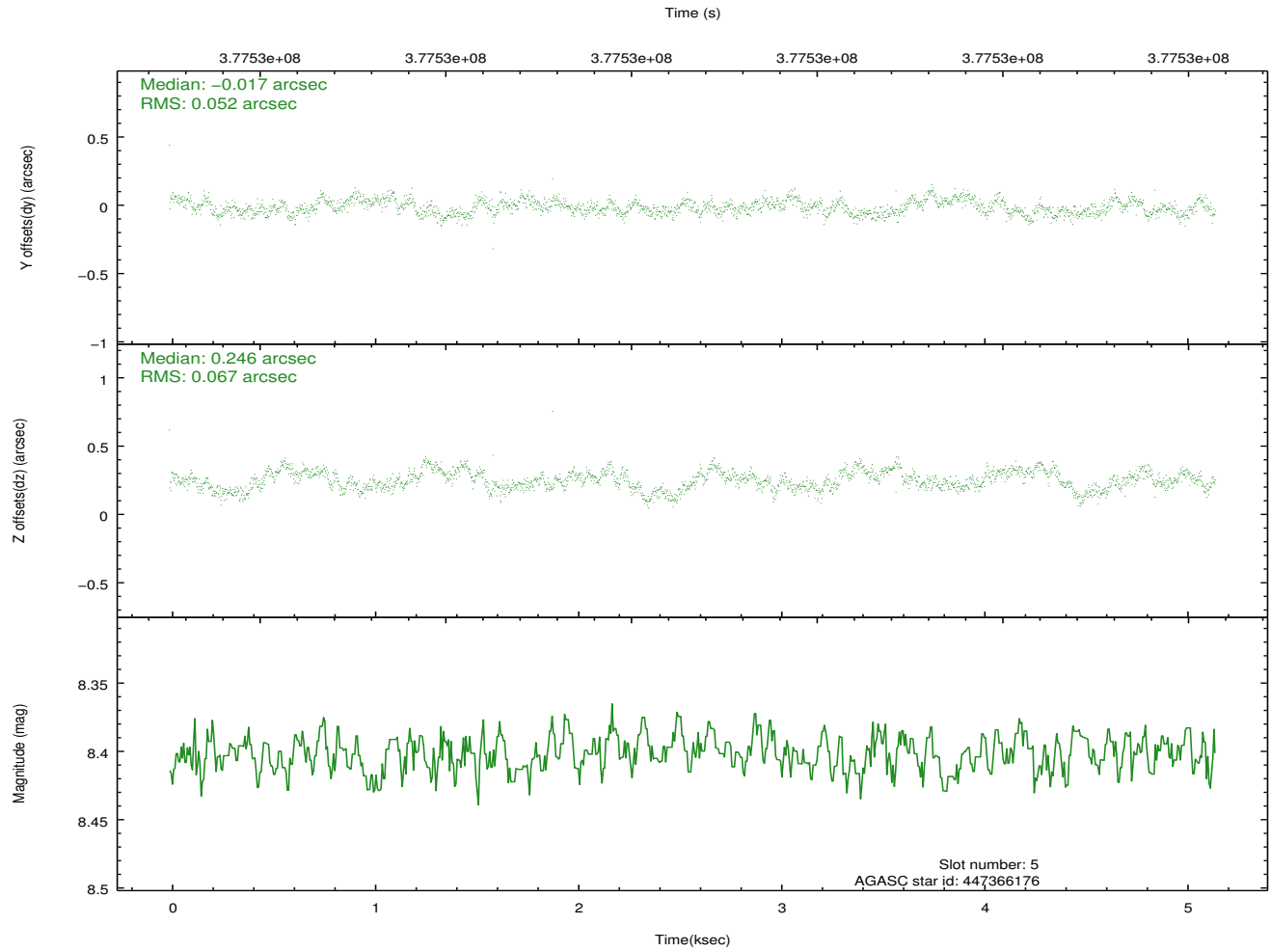
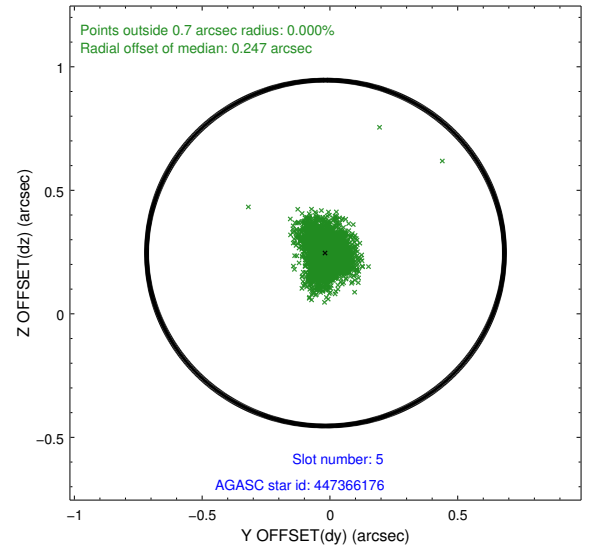
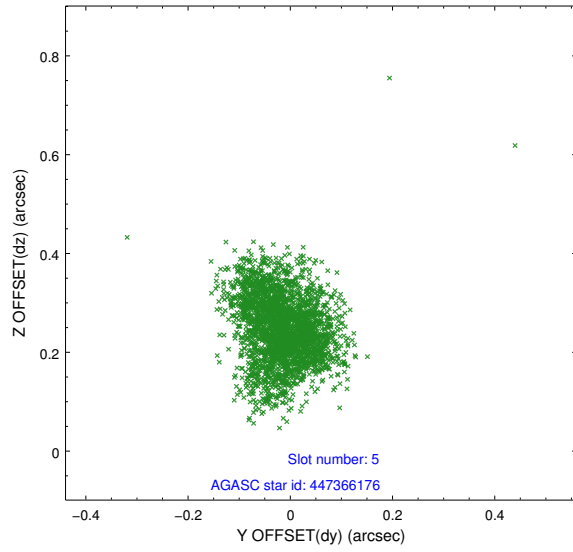
2.4.1 Slot 3



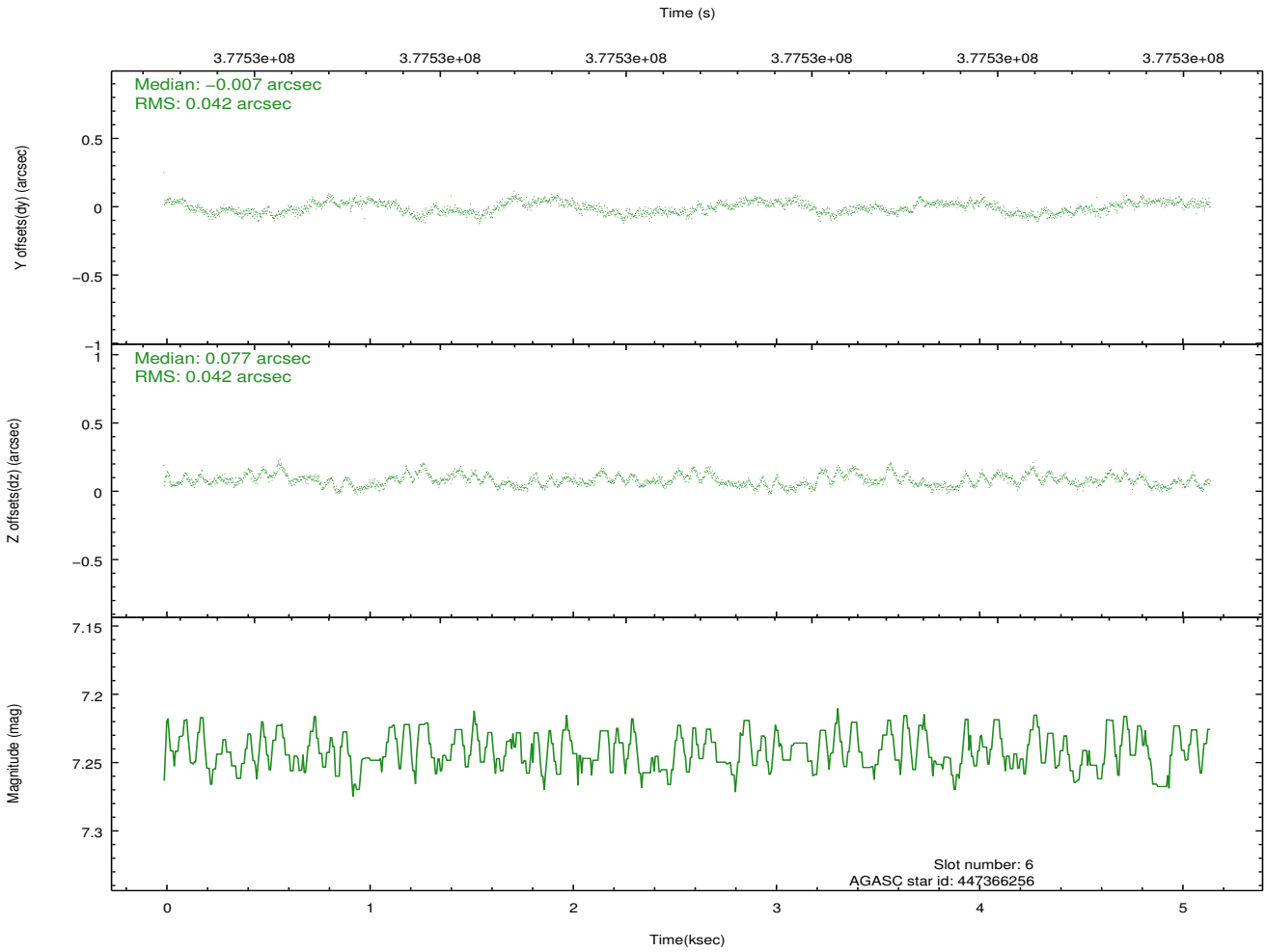
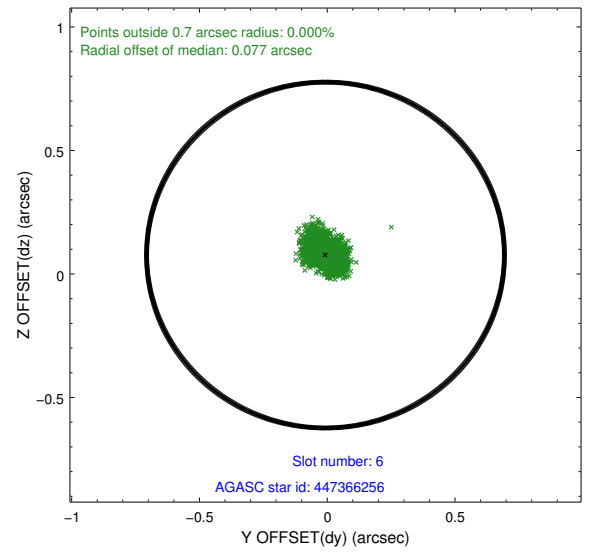
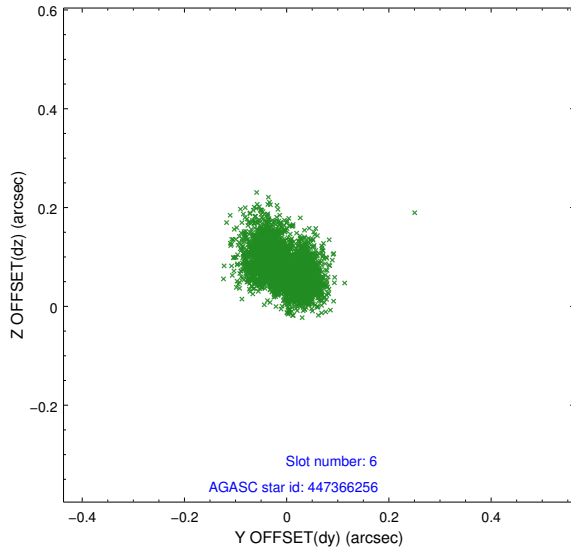
2.4.2 Slot 4



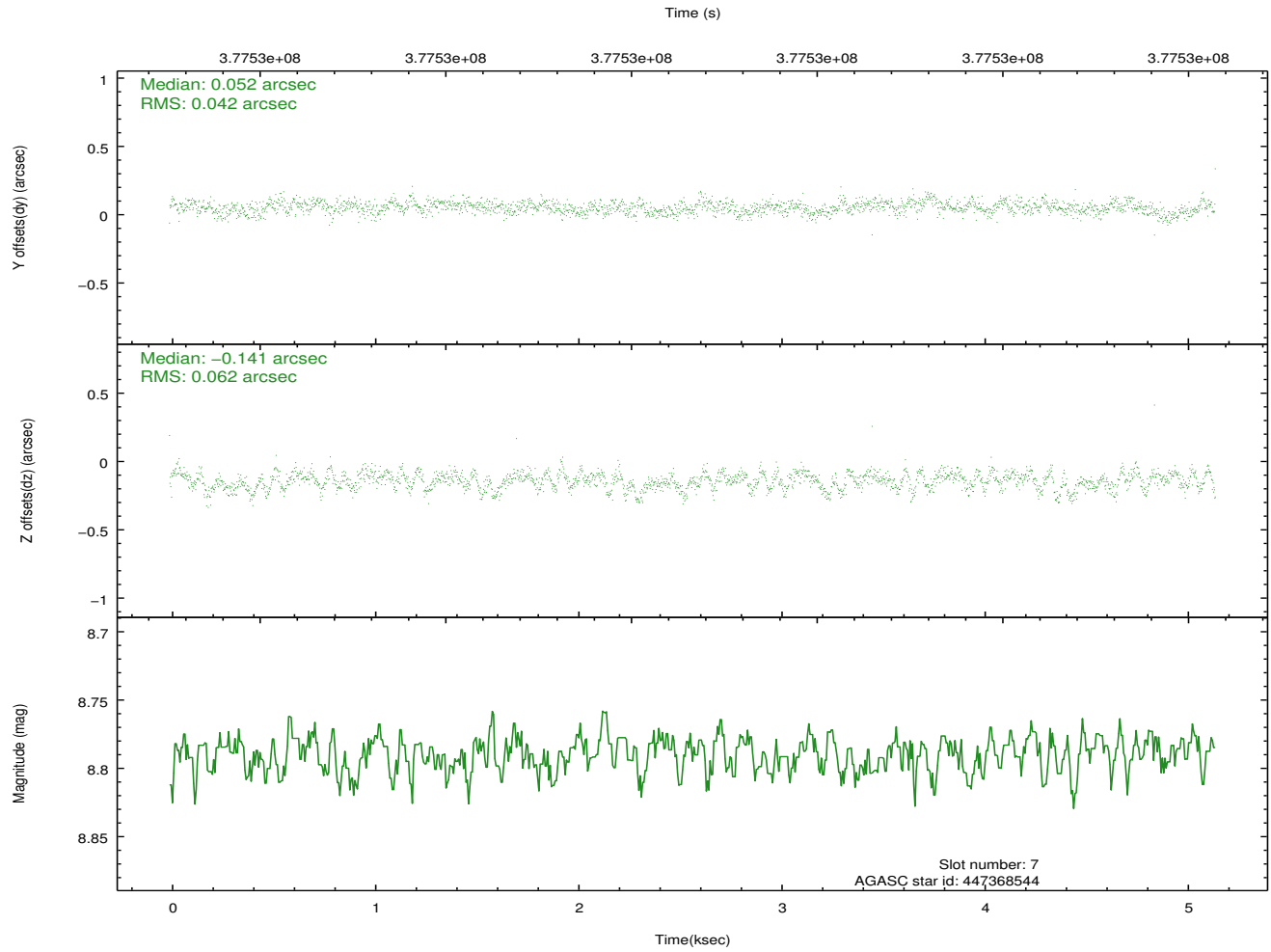
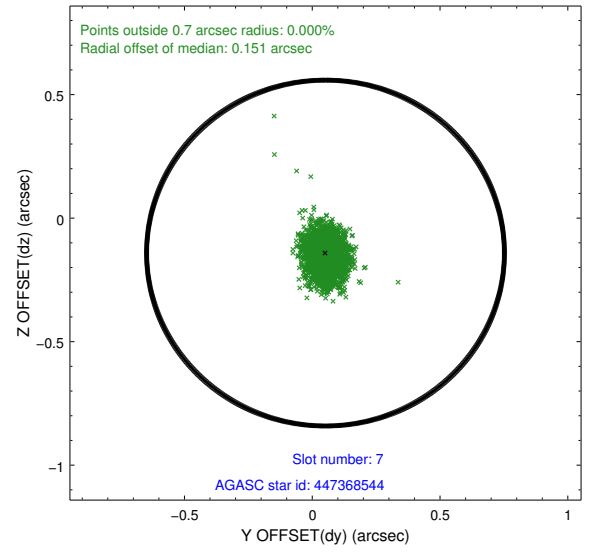
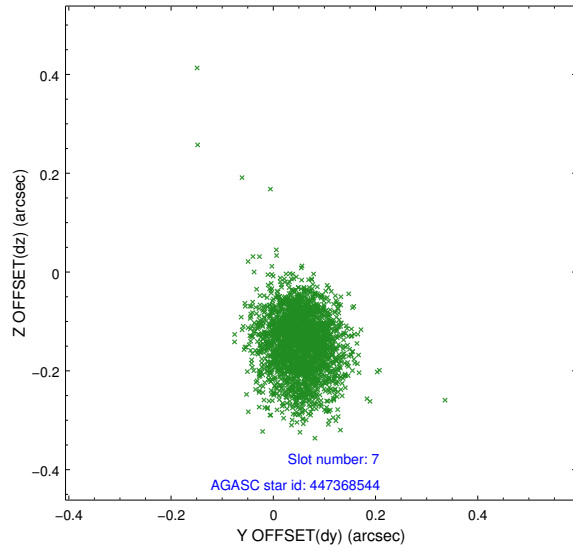
2.4.3 Slot 5



2.4.4 Slot 6

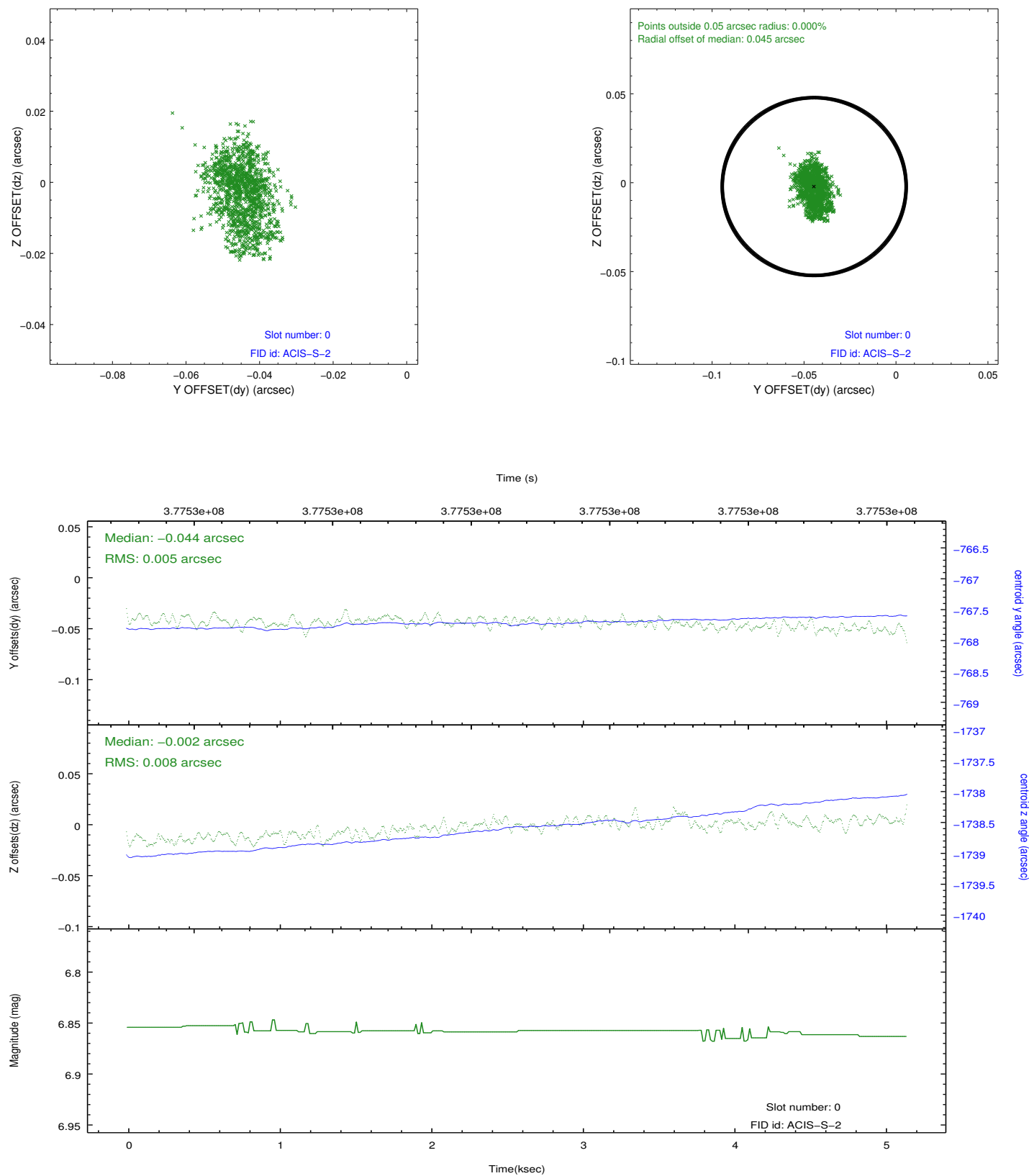


2.4.5 Slot 7

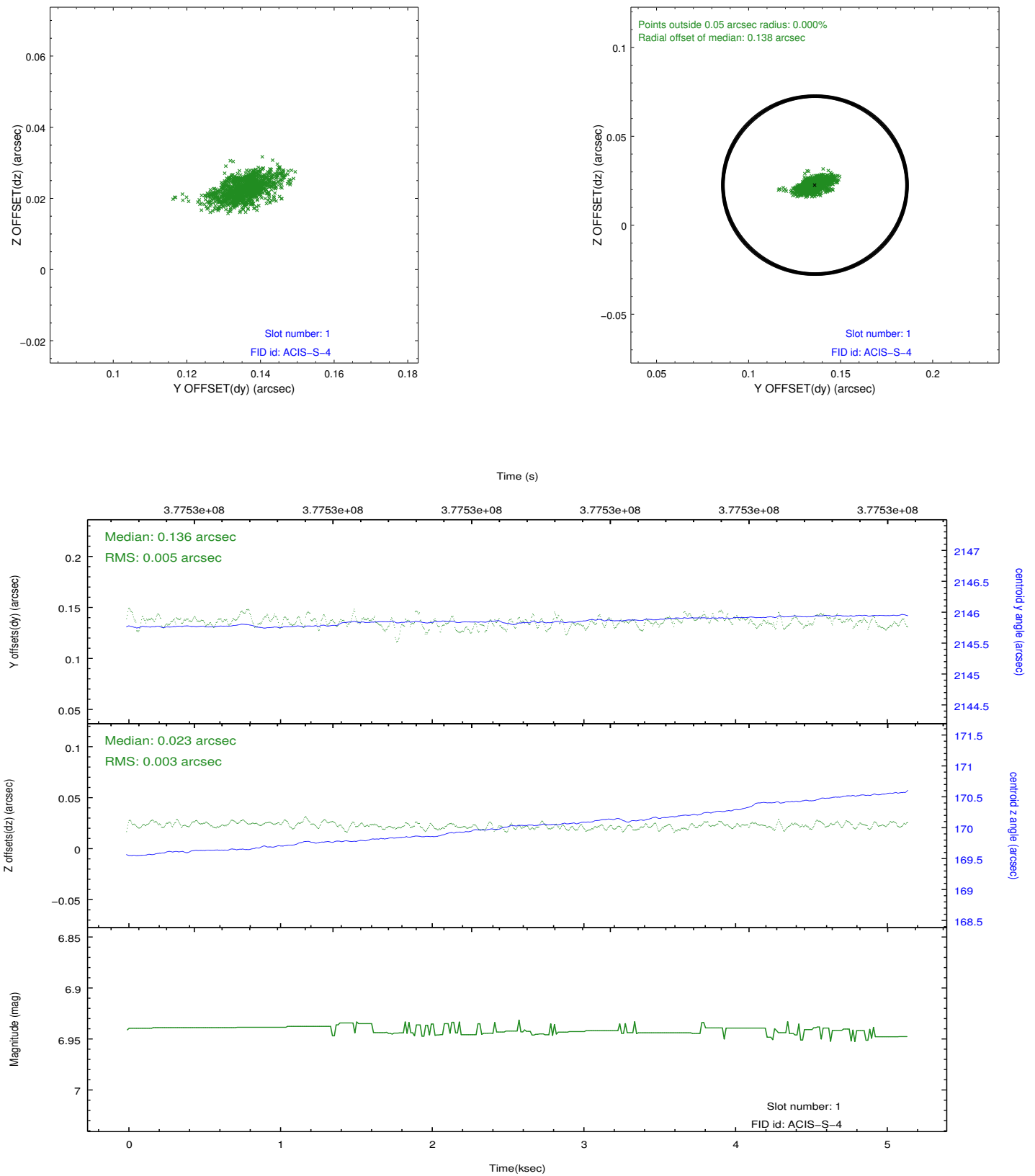


2.5 FID Slots

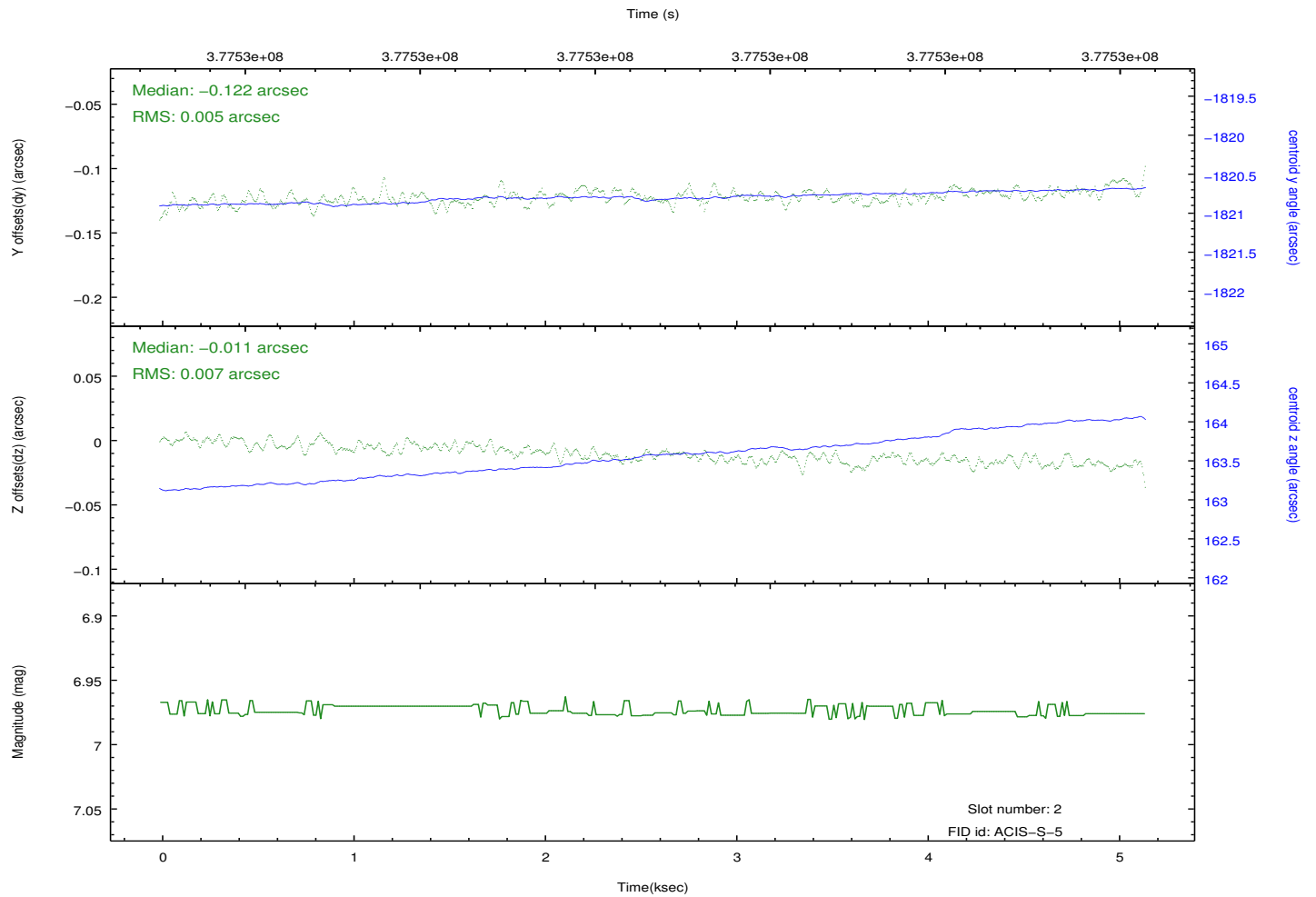
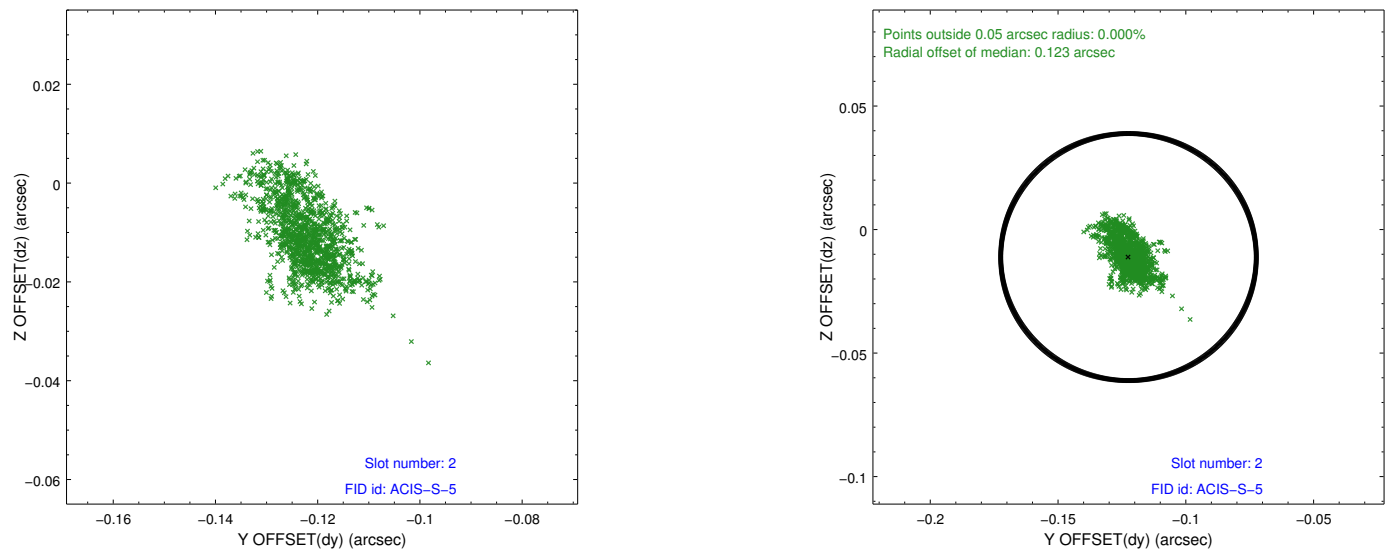
2.5.1 Slot 0



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	5.142

A.2 Comments

Joint Proposal: HST