

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3000 - L2 Version 3
Chandra X-Ray Center

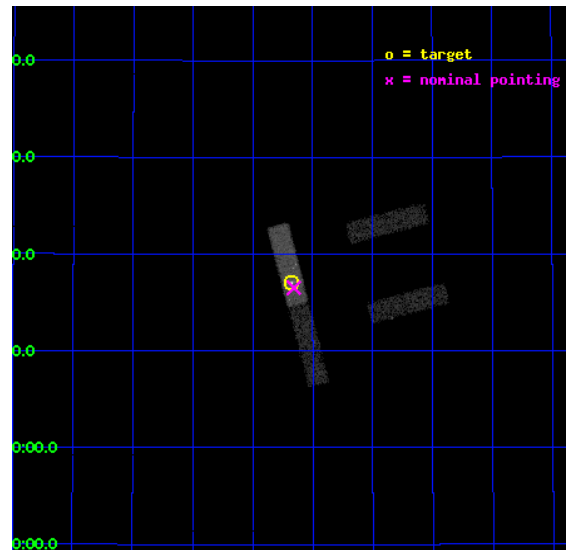
L2 Processing Date : Oct 11 2012

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1 Front

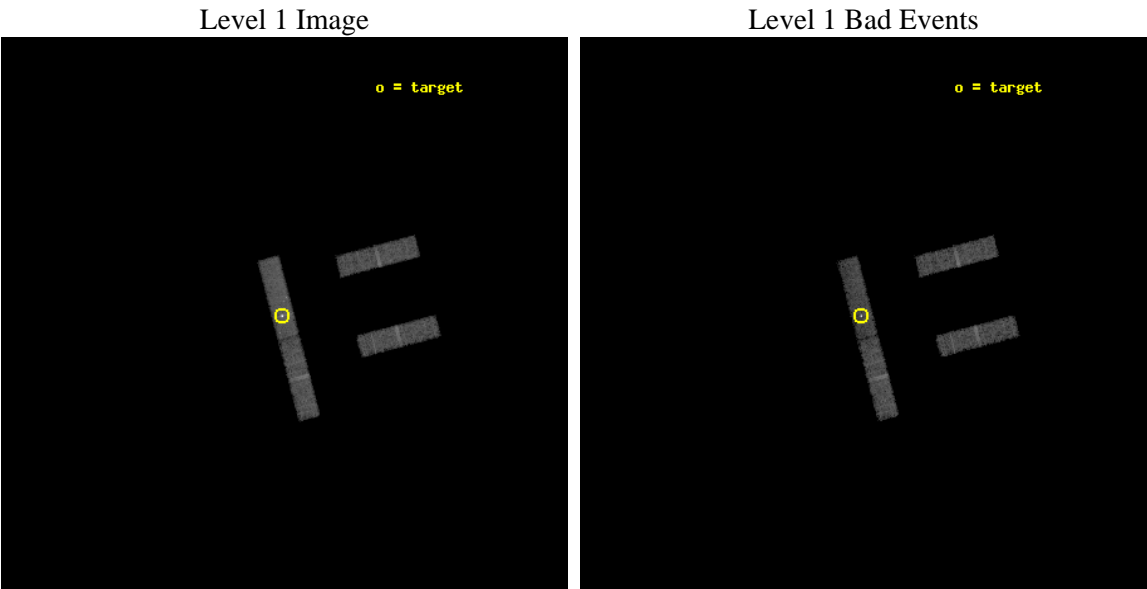
seq_num	700439	Sequence number
obs_id	3000	Observation id
title	CHANDRA SNAPSHOT OBSERVATIONS OF SOFT X-RAY TRANSIENT AGN	Proposal
observer	Dr Rick Edelson	Principal investigator
object	WAS 61	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	190.544167	Observer's specified target RA [deg]
dec_targ	33.284167	Observer's specified target Dec [deg]
ra_nom	190.53925056228	Nominal RA [deg]
dec_nom	33.275379432921	Nominal Dec [deg]
roll_nom	255.26550576355	Nominal Roll [deg]
revision	3	Processing version of data
ontime	10149.958989918	Sum of GTIs [s]
livetime	9749.8261257188	Livetime [s]
ontime2	10151.0	Sum of GTIs [s]
ontime3	10151.0	Sum of GTIs [s]
ontime6	10149.958989918	Sum of GTIs [s]
ontime7	10149.958989918	Sum of GTIs [s]
l2events	24110	Number of level 2 events



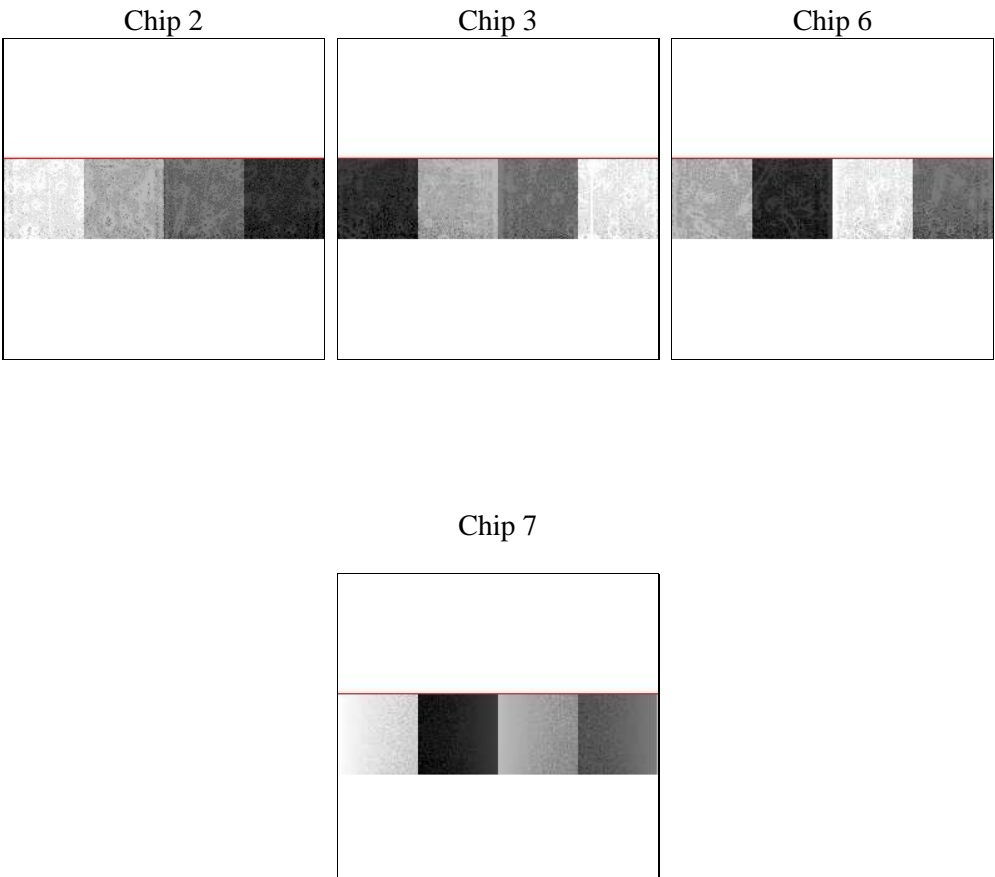
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	10149.958989918	Sum of GTIs [s]
caldsver	4.5.2	 	ontime2	10151.0	Sum of GTIs [s]
date	2012-10-11T12:30:54	Date and time of file creation	ontime3	10151.0	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	10149.958989918	Sum of GTIs [s]
			ontime7	10149.958989918	Sum of GTIs [s]
			l1events	106175	Number of level 1 events

2.1.4 Events

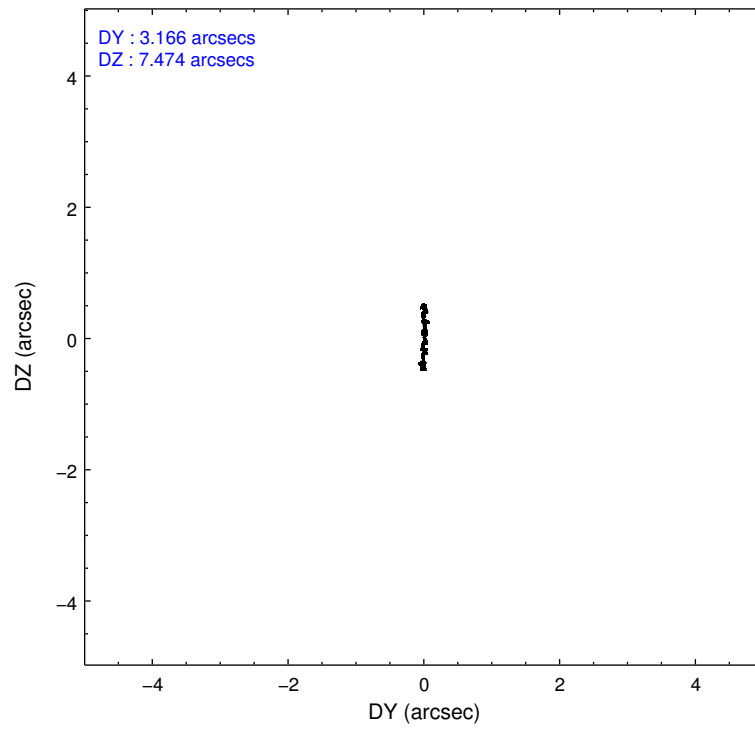
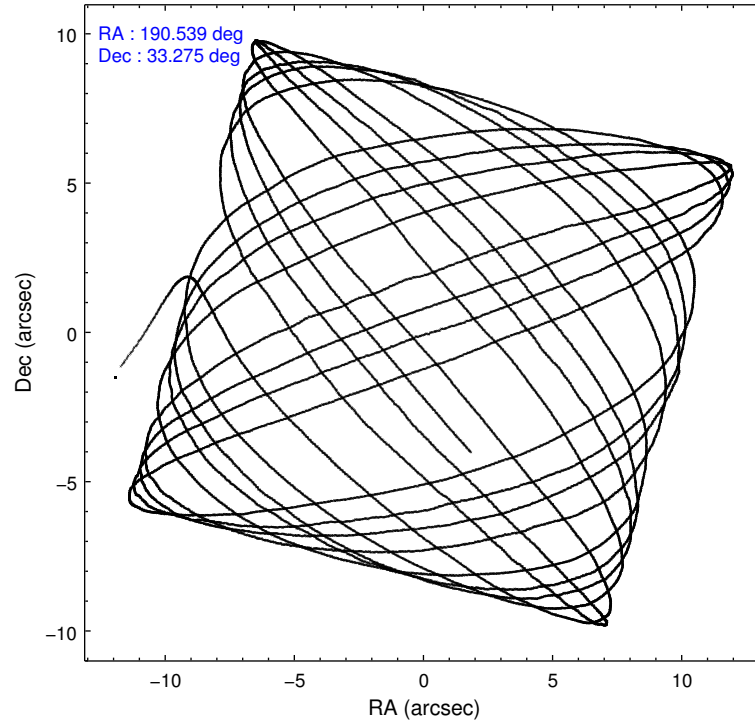
	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	22123	21916	23577	38559
rejected events	19767	19620	21097	19922
rejected %	89%	89%	89%	51%

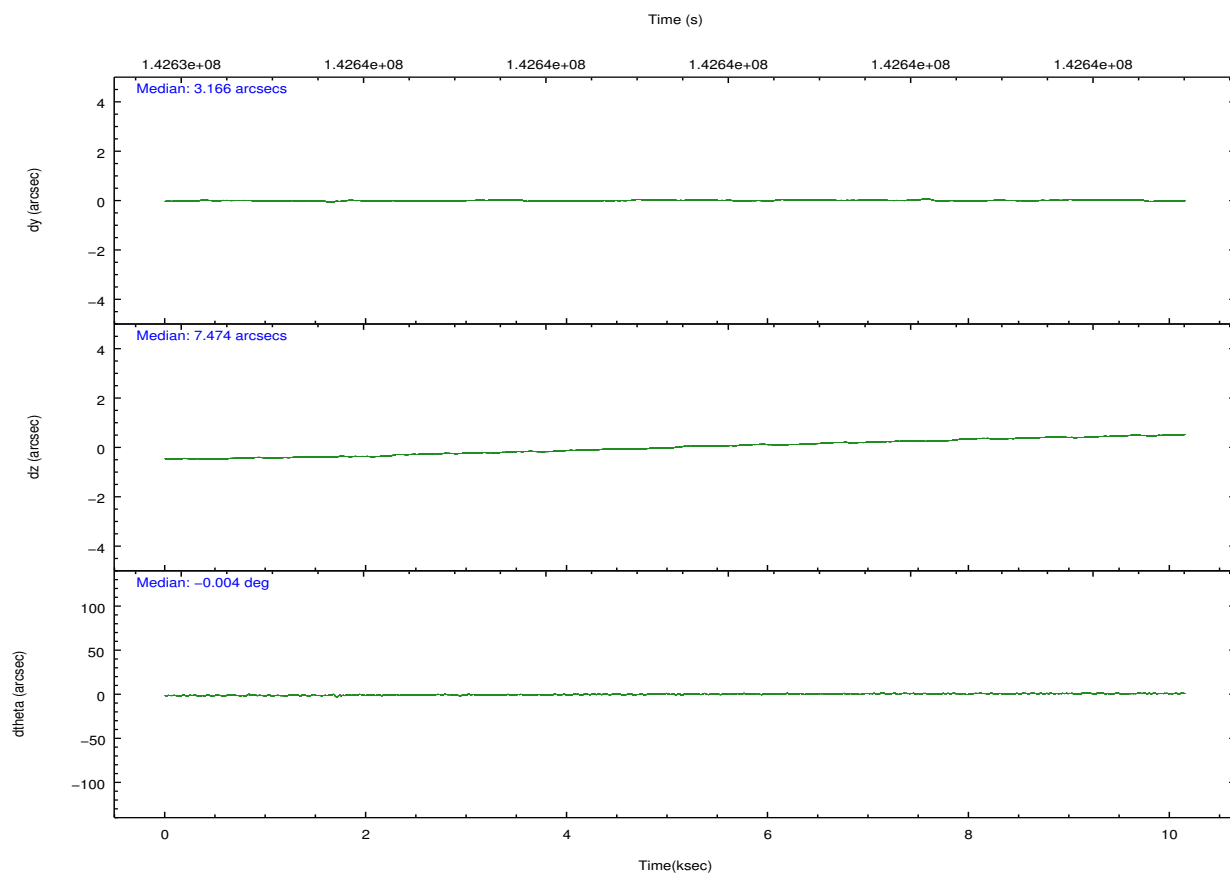
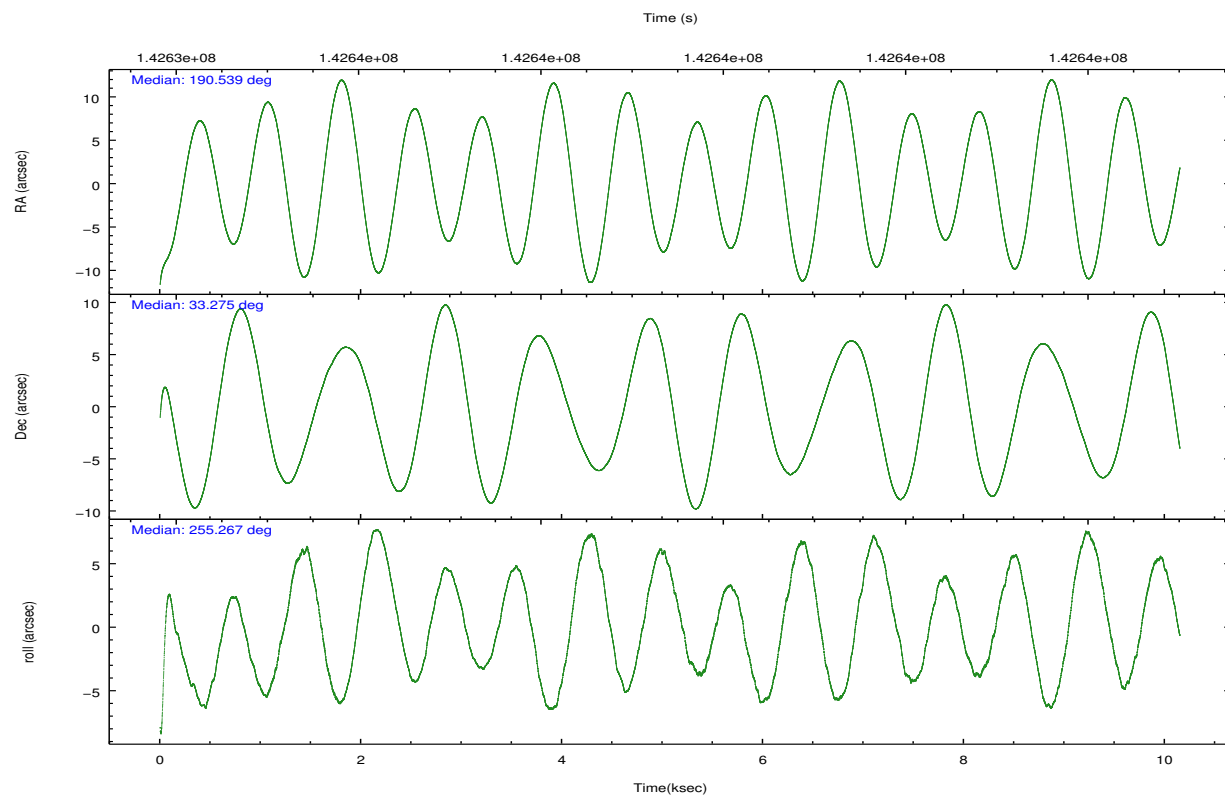
	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	986	969	955	3231
	4%	4%	4%	8%
grade 1 events	5	5	5	403
	0%	0%	0%	1%
grade 2 events	498	429	511	3892
	2%	1%	2%	10%
grade 3 events	352	348	347	2021
	1%	1%	1%	5%
grade 4 events	347	341	373	1899
	1%	1%	1%	4%
grade 5 events	612	768	849	3791
	2%	3%	3%	9%
grade 6 events	403	392	476	8613
	1%	1%	2%	22%
grade 7 events	18920	18664	20061	14709
	85%	85%	85%	38%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-2367	ACIS-2367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	190.530306	190.5392505622801	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	33.301566	33.27537943292134	Subarray start row	385	385
[deg] Pointing Roll	255.113802	255.2655057635471	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	1
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	142634492.184000	142633341.02783			
Observation start date	2002-07-09T20:40:28	2002-07-09T20:22:21			
[s] Observation end time (MET)	142644492.184000	142644626.2783			
Observation end date	2002-07-09T23:27:08	2002-07-09T23:30:26			
Read mode	TIMED	TIMED			

2.3 Aspect



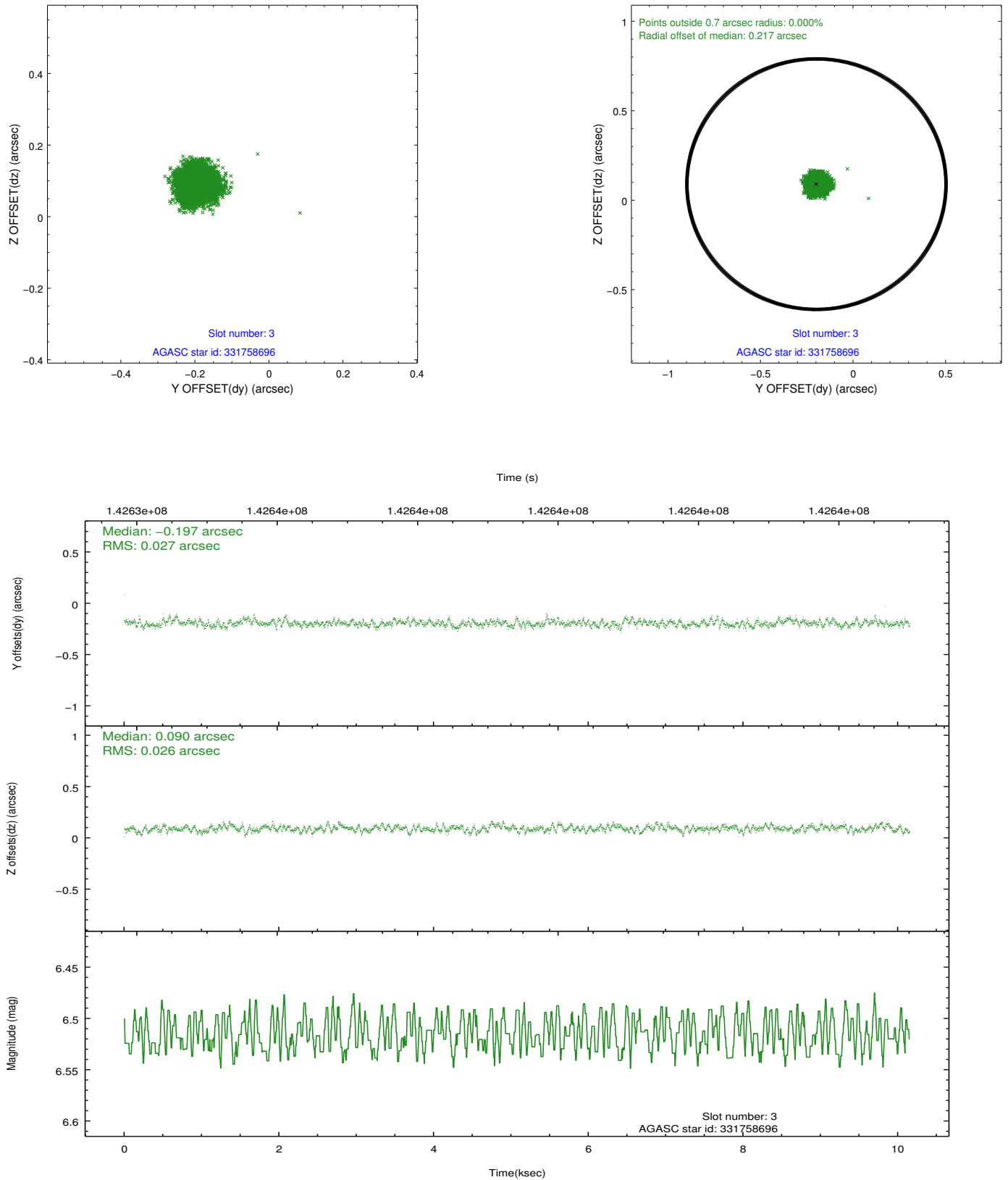


Slot Statistics

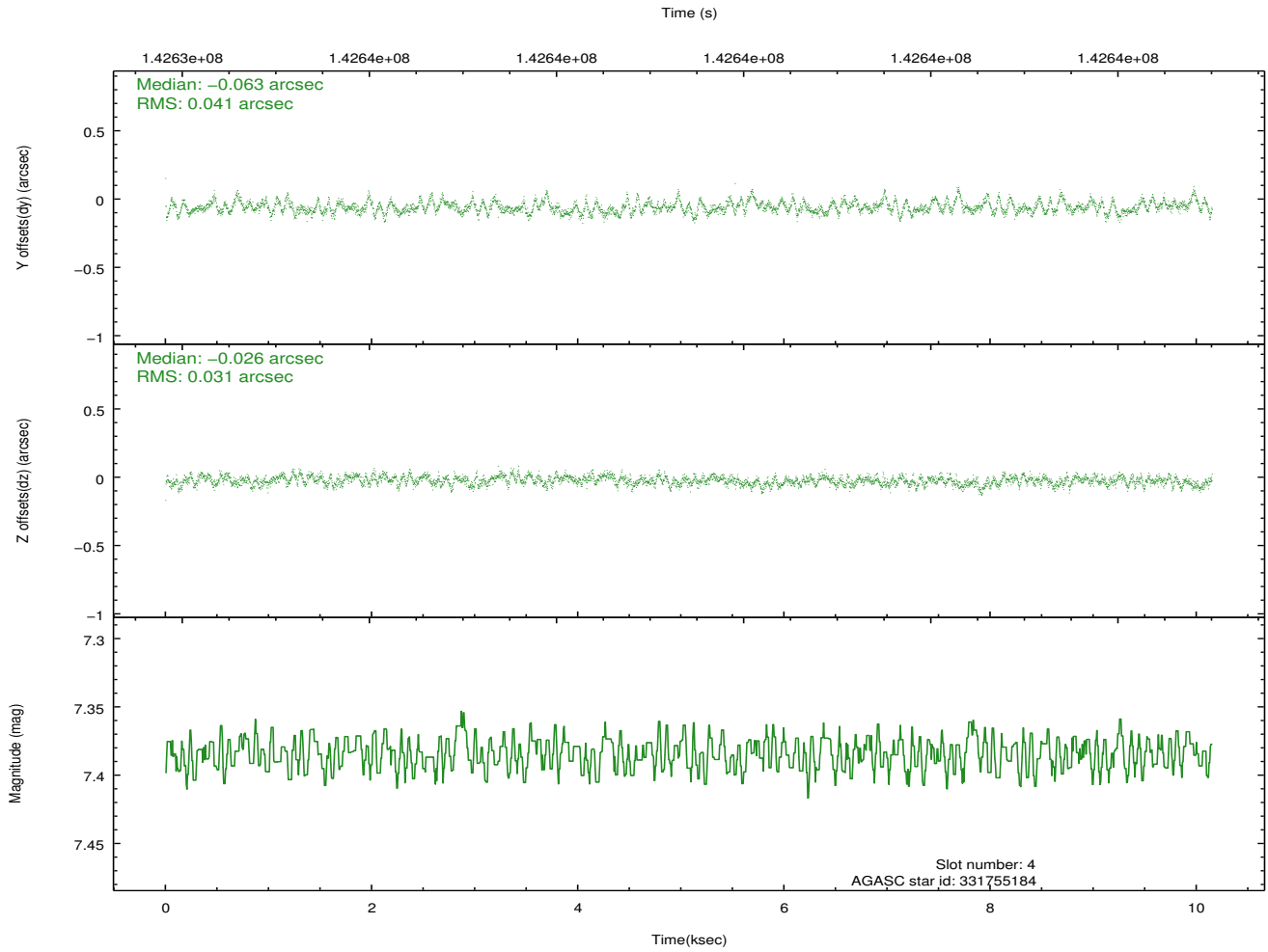
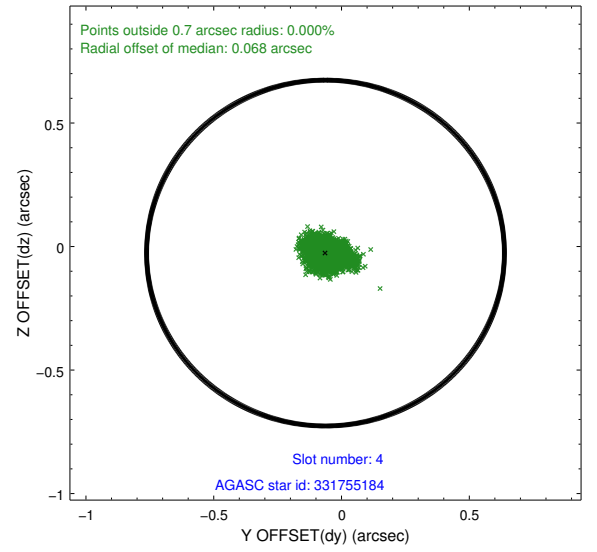
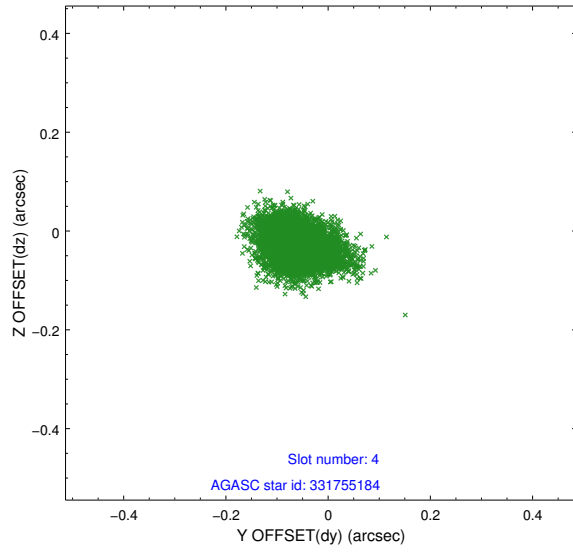
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	2476	-0.009	-0.002	0.008	0.014	0.000000	0.000000	-755.83	-1728.60
1	FID	ACIS-S-4	7.20	2476	-0.005	0.005	0.006	0.011	0.000000	0.000000	2157.22	179.34
2	FID	ACIS-S-5	7.24	2476	-0.016	0.006	0.008	0.015	0.000000	0.000000	-1808.00	173.62
3	GUIDE	331758696	6.52	4952	-0.197	0.090	0.040	0.064	190.573893	33.688583	-1380.54	-230.91
4	GUIDE	331755184	7.38	4952	-0.063	-0.026	0.054	0.090	191.432991	33.541306	-1542.31	2394.09
5	GUIDE	331755928	8.87	4949	0.001	-0.118	0.062	0.103	190.670595	33.439059	-587.89	281.64
6	GUIDE	331756840	9.13	4947	0.237	-0.038	0.074	0.123	190.519091	32.862982	1534.15	374.13
7	GUIDE	331754696	9.20	4946	0.016	0.094	0.084	0.135	190.978789	32.921163	972.21	1662.23

2.4 Star Slots

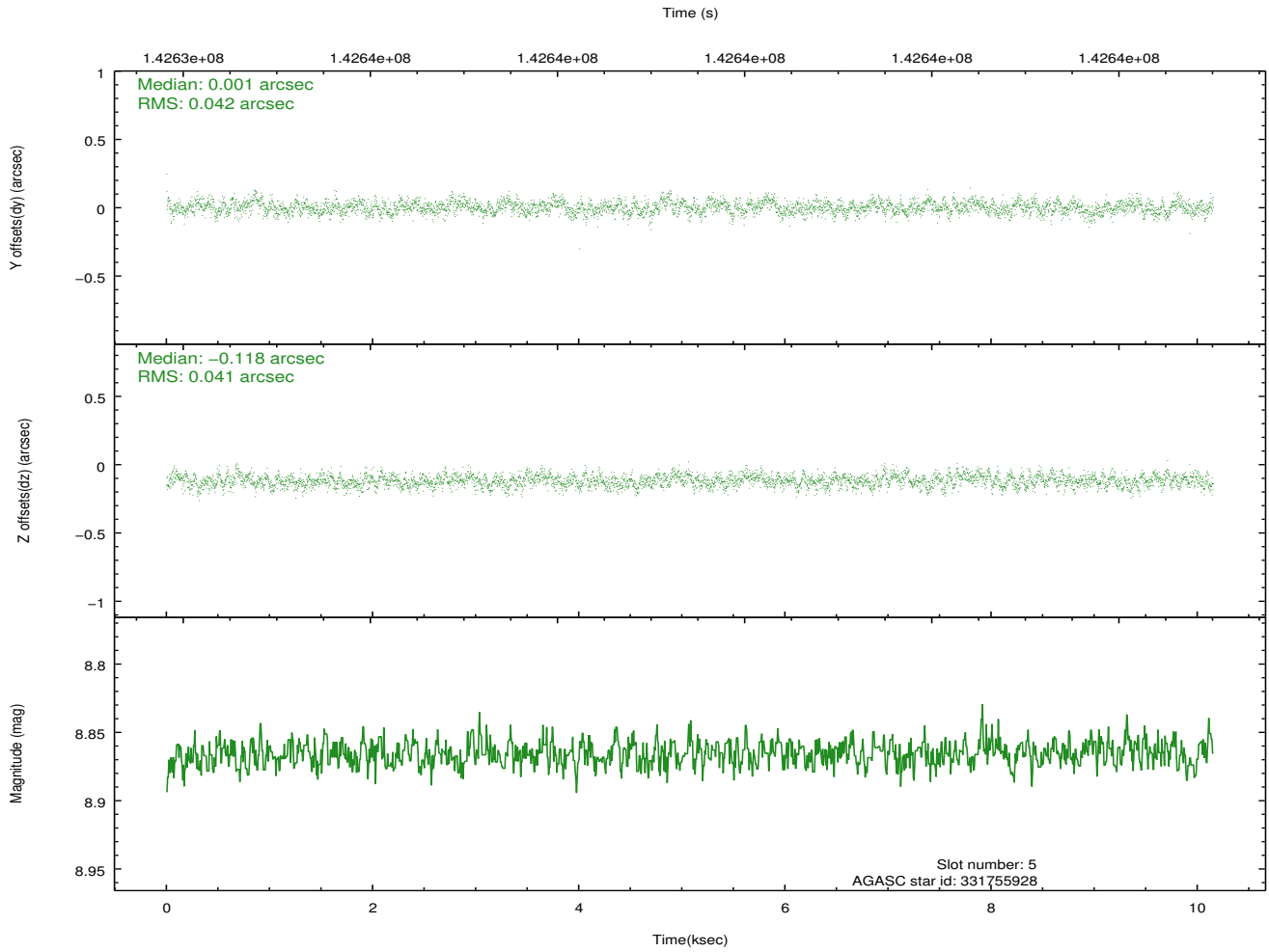
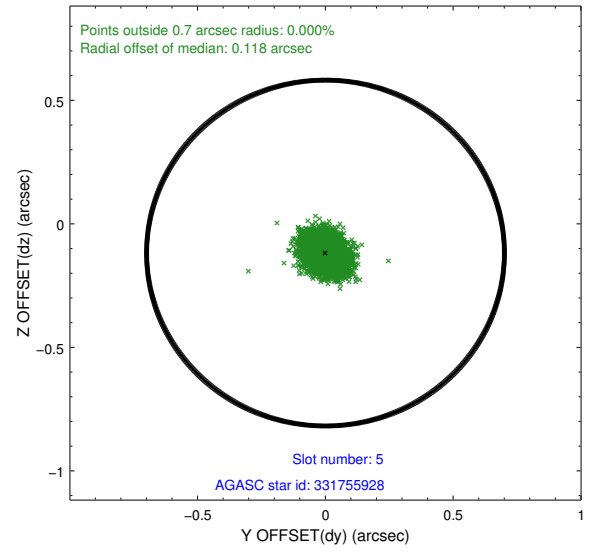
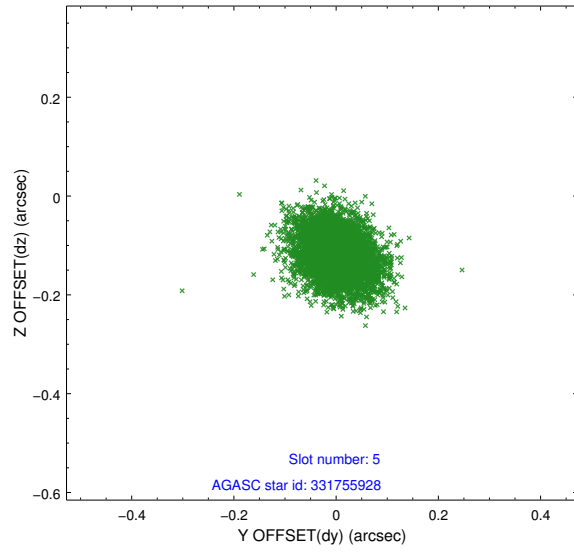
2.4.1 Slot 3



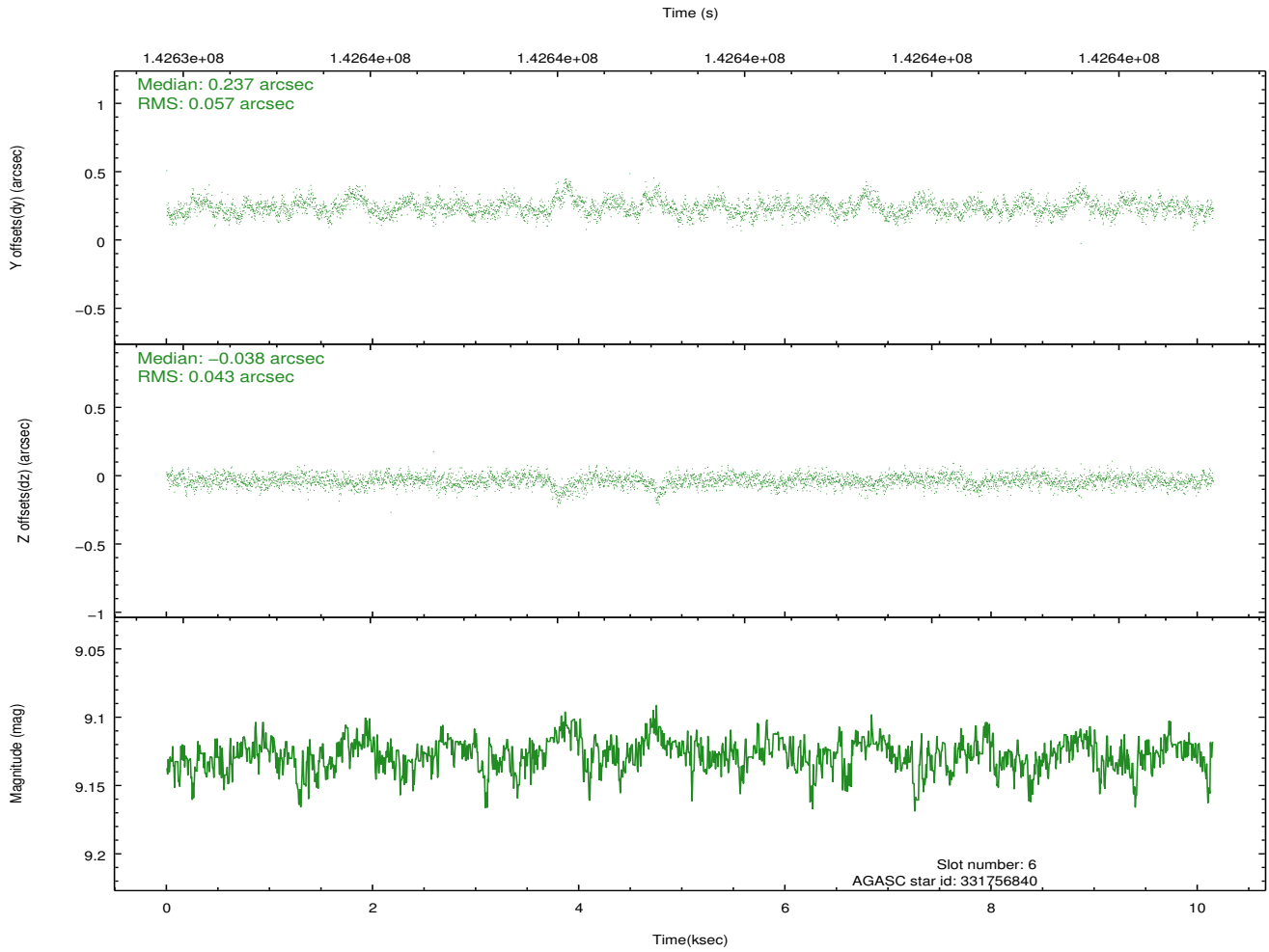
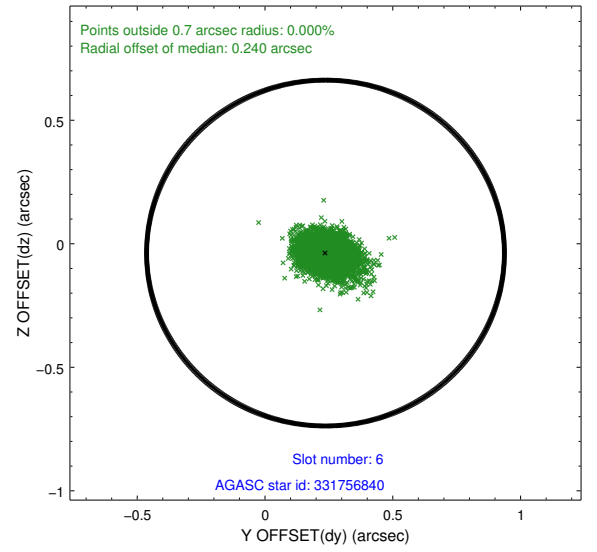
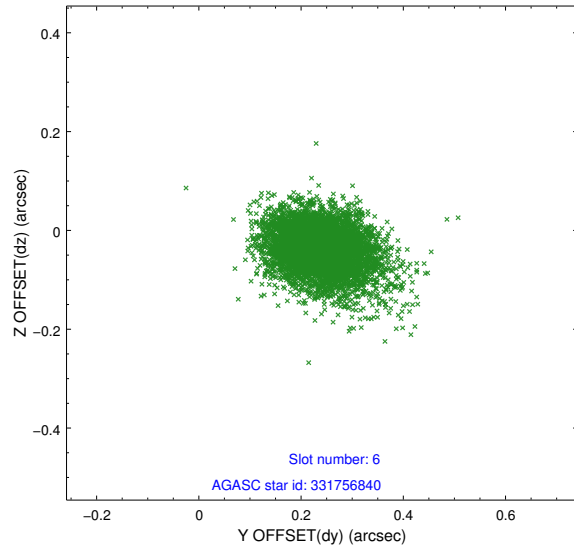
2.4.2 Slot 4



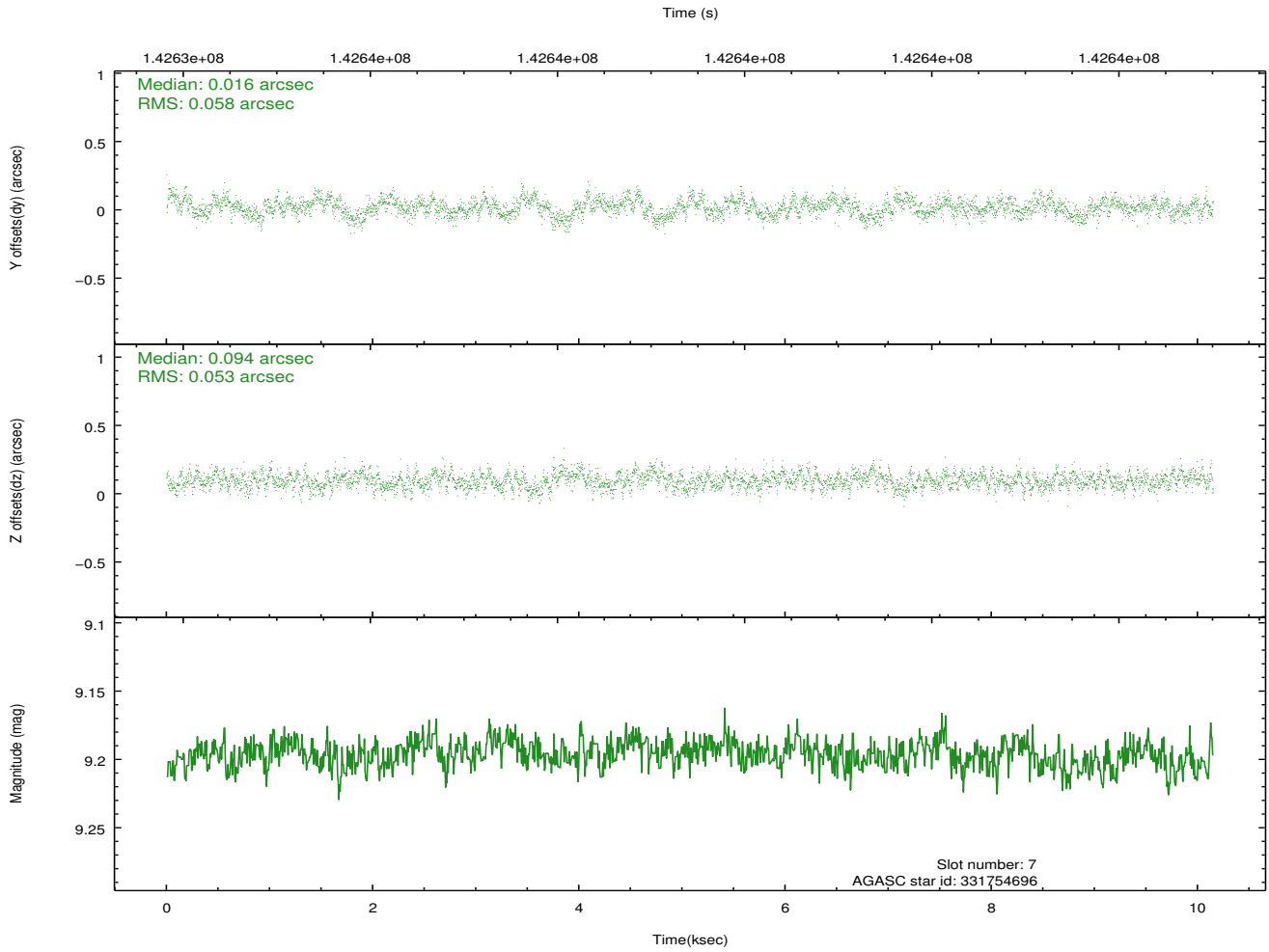
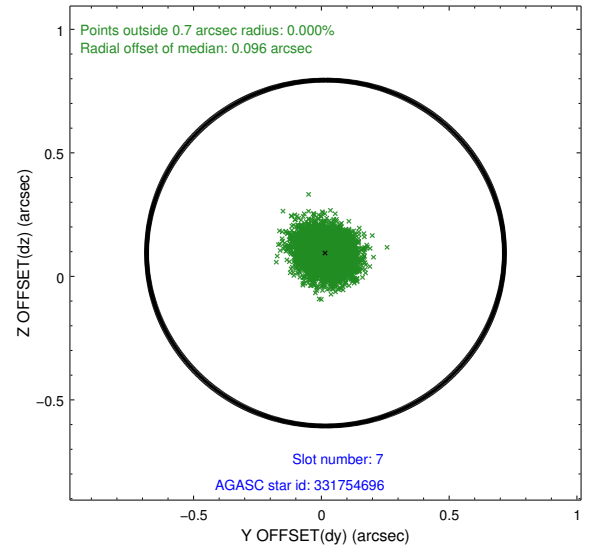
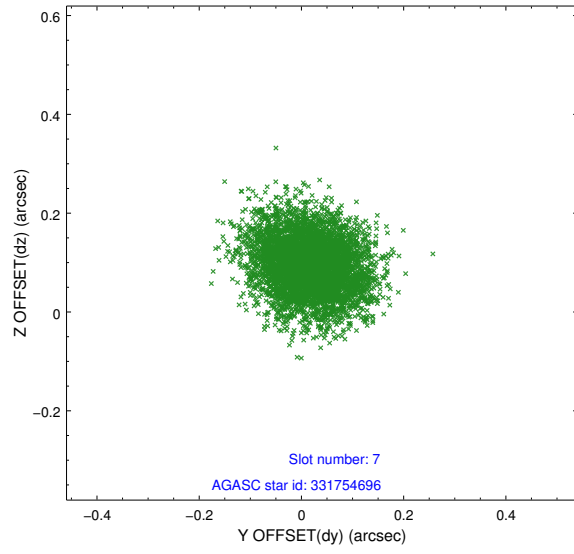
2.4.3 Slot 5



2.4.4 Slot 6

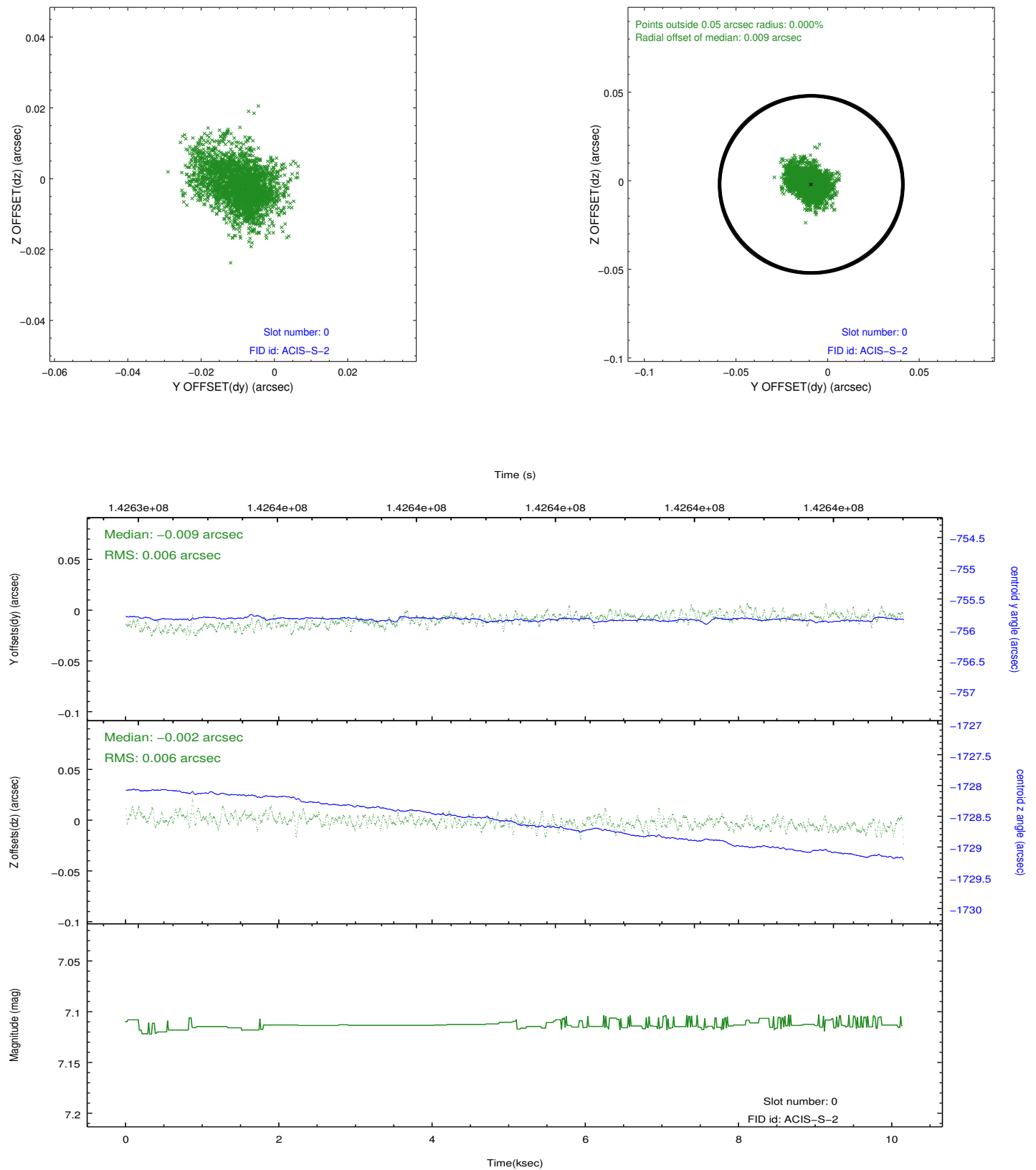


2.4.5 Slot 7

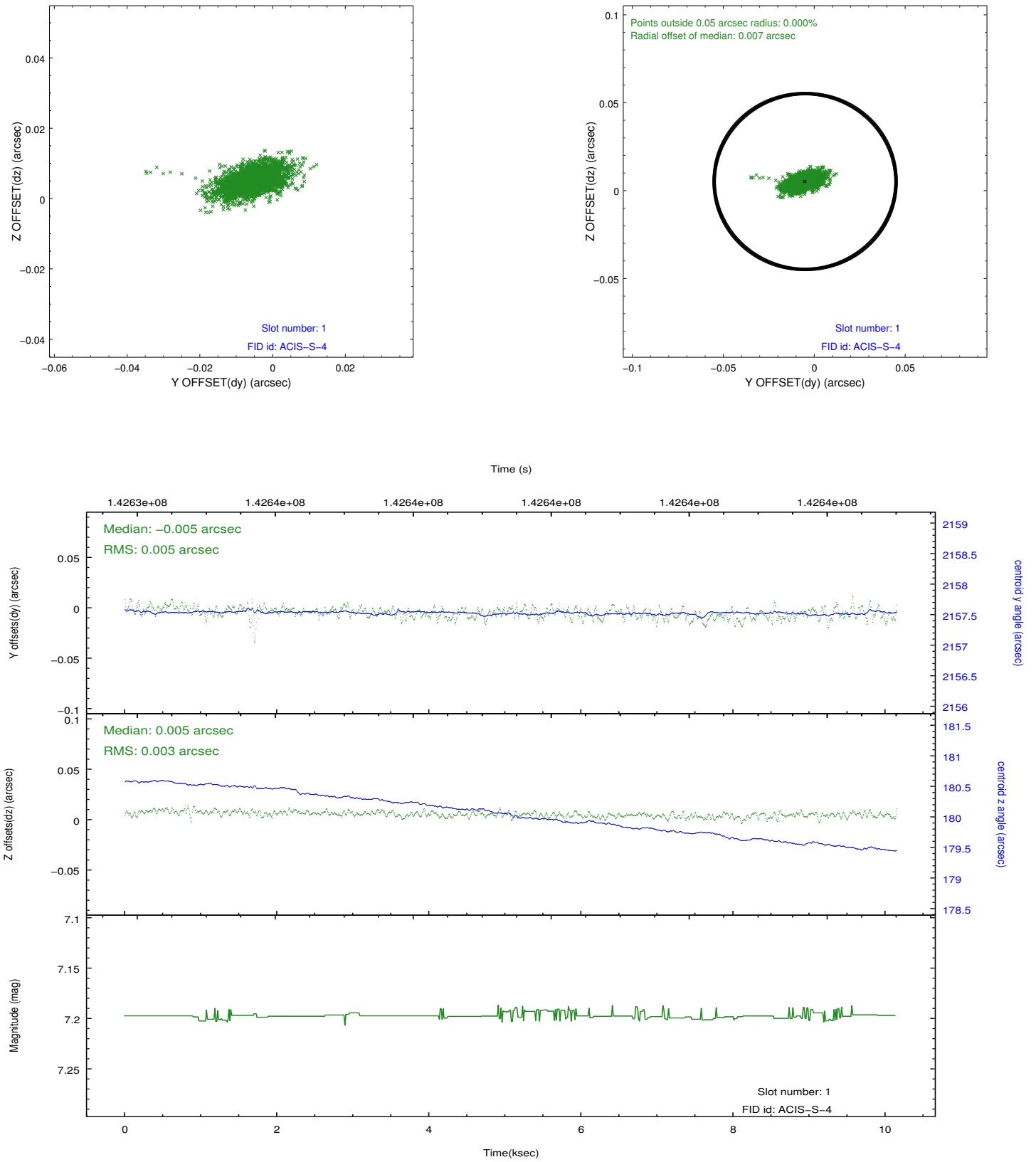


2.5 FID Slots

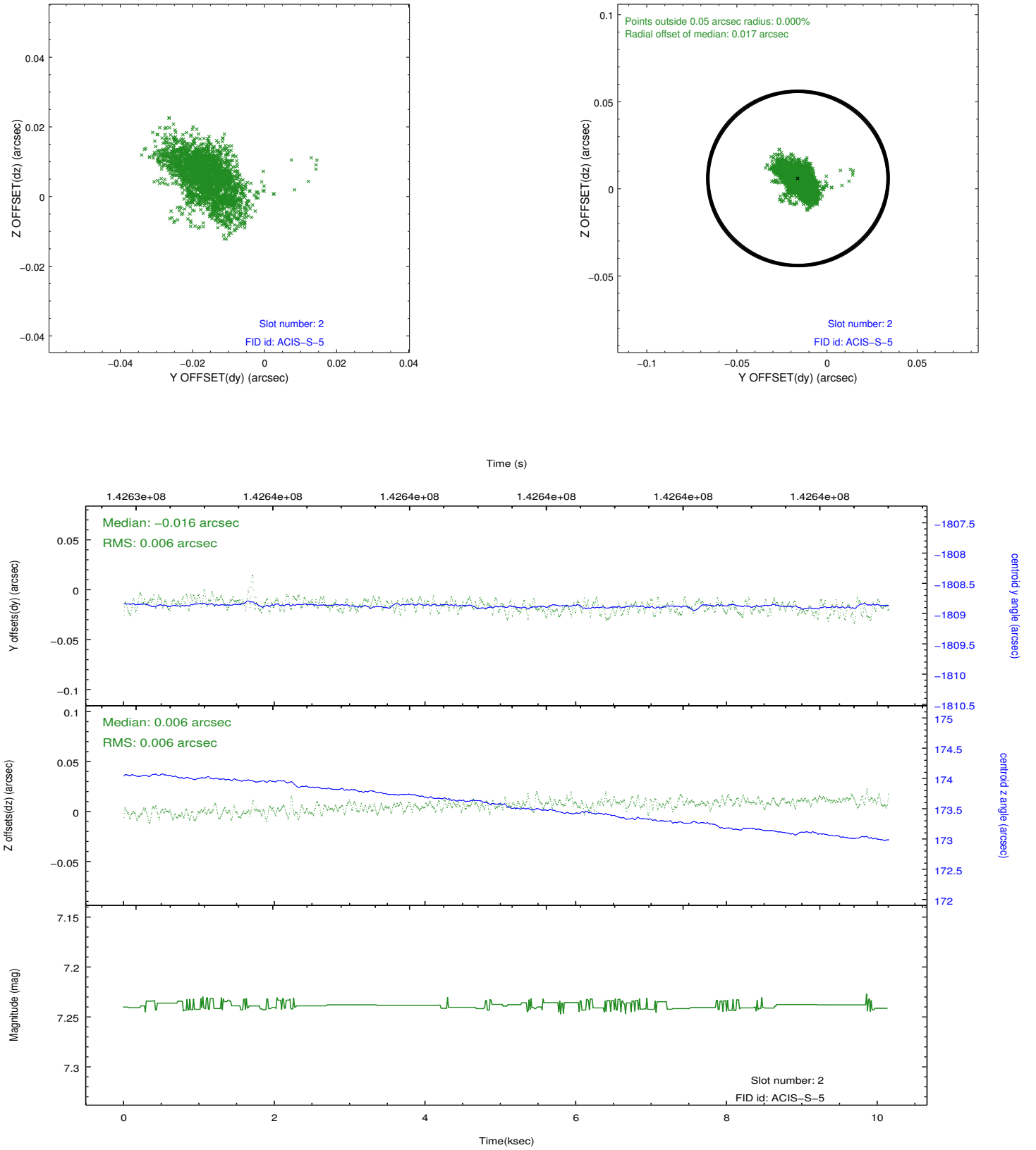
2.5.1 Slot 0



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)	2012.10.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.149

A.2 Comments