

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2514 - L2 Version 4
Chandra X-Ray Center

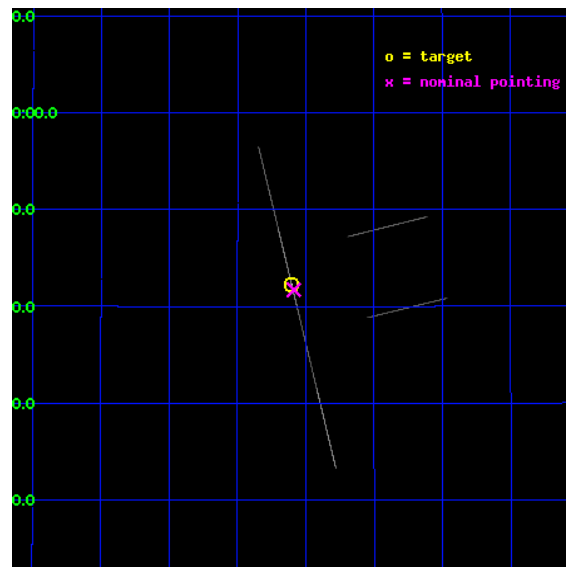
L2 Processing Date : Sep 24 2012

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1 Front

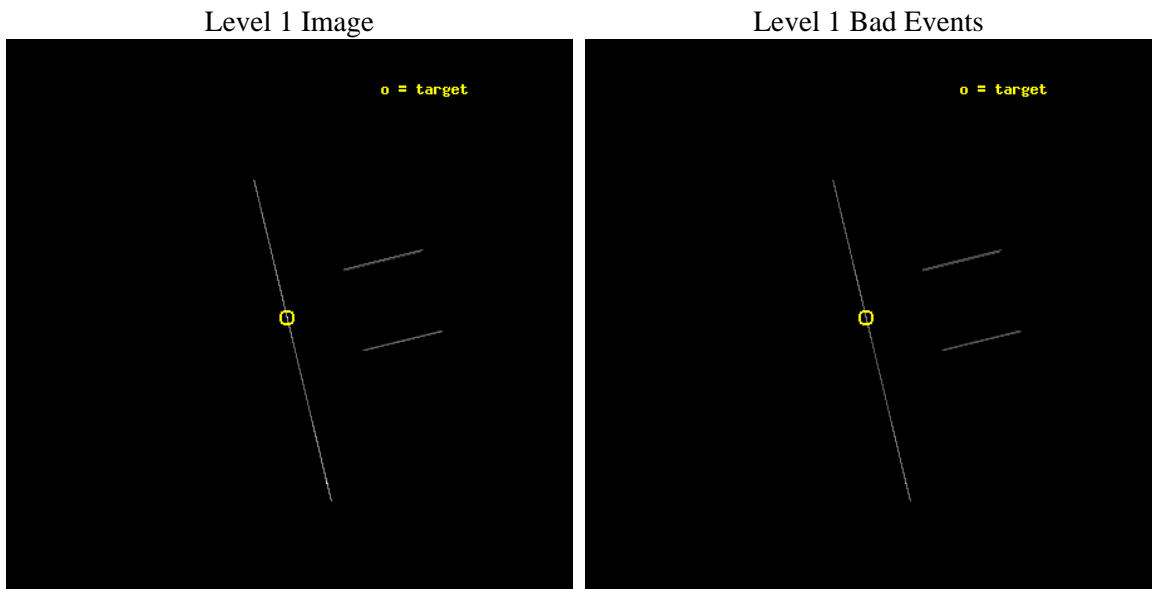
seq_num	300067	Sequence number
obs_id	2514	Observation id
title	FIRST X-RAY OBSERVATIONS DURING AN EXTREMELY RARE OUTBURST OF WZ SGE	
observer	Dr Erik Kuulkers	Principal investigator
object	WZ SGE	Source name
ra_targ	301.900833	Observer's specified target RA [deg]
dec_targ	17.704167	Observer's specified target Dec [deg]
ra_nom	301.8967152687	Nominal RA [deg]
dec_nom	17.695216479039	Nominal Dec [deg]
roll_nom	256.26912517178	Nominal Roll [deg]
revision	4	Processing version of data
ontime	10176.0	Sum of GTIs [s]
livetime	10136.25	Livetime [s]
ontime2	10176.0	Sum of GTIs [s]
ontime3	10176.0	Sum of GTIs [s]
ontime5	10176.0	Sum of GTIs [s]
ontime6	10176.0	Sum of GTIs [s]
ontime7	10176.0	Sum of GTIs [s]
ontime8	10176.0	Sum of GTIs [s]
l2events	155479	Number of level 2 events



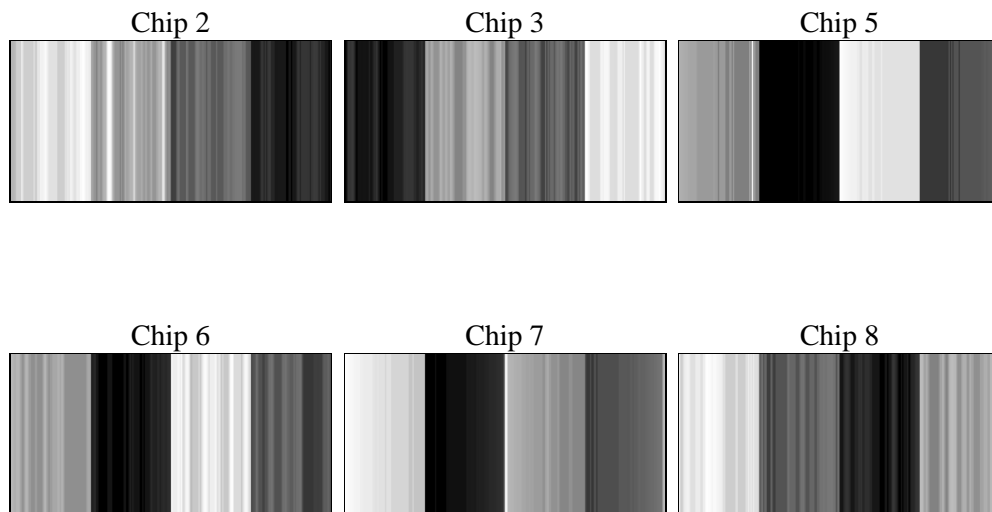
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	10085.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	10176.0	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime2	10176.0	Sum of GTIs [s]
date	2012-09-24T10:43:01	Date and time of file creation	ontime3	10176.0	Sum of GTIs [s]
revision	4	Processing version of data	ontime5	10176.0	Sum of GTIs [s]
			ontime6	10176.0	Sum of GTIs [s]
			ontime7	10176.0	Sum of GTIs [s]
			ontime8	10176.0	Sum of GTIs [s]
			l1events	250845	Number of level 1 events

2.1.4 Events

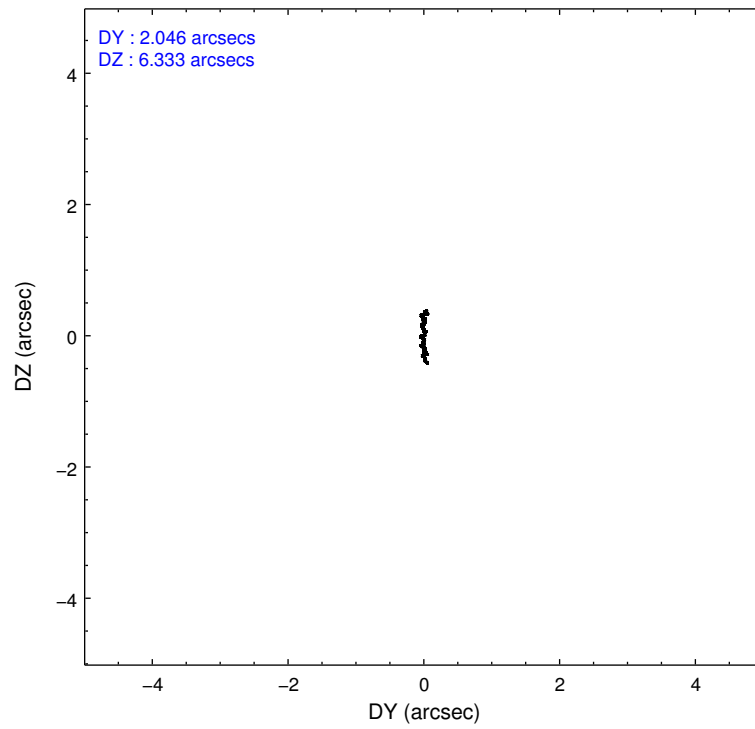
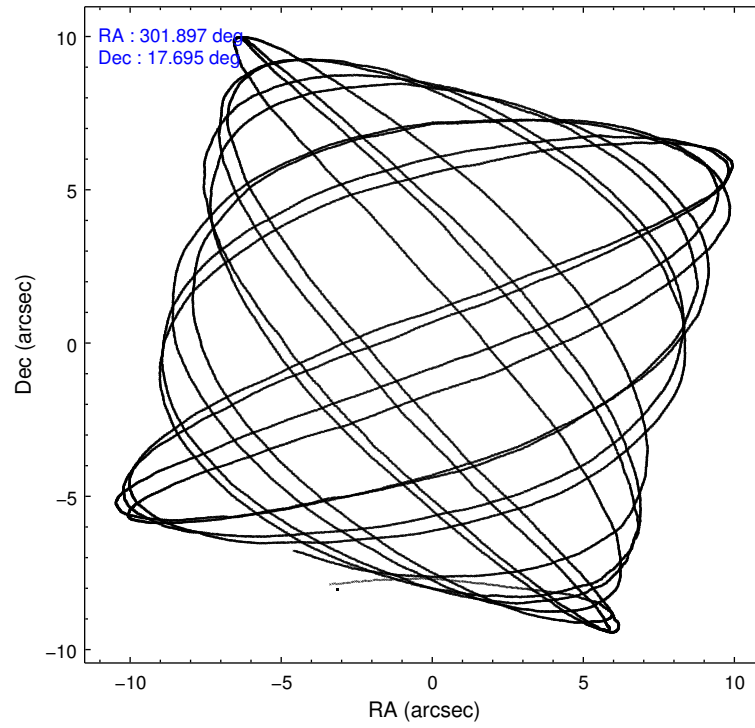
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	14454	15530	87179	15575	89123	28984
rejected events	3680	3900	13053	4144	12751	6227
rejected %	25%	25%	14%	26%	14%	21%

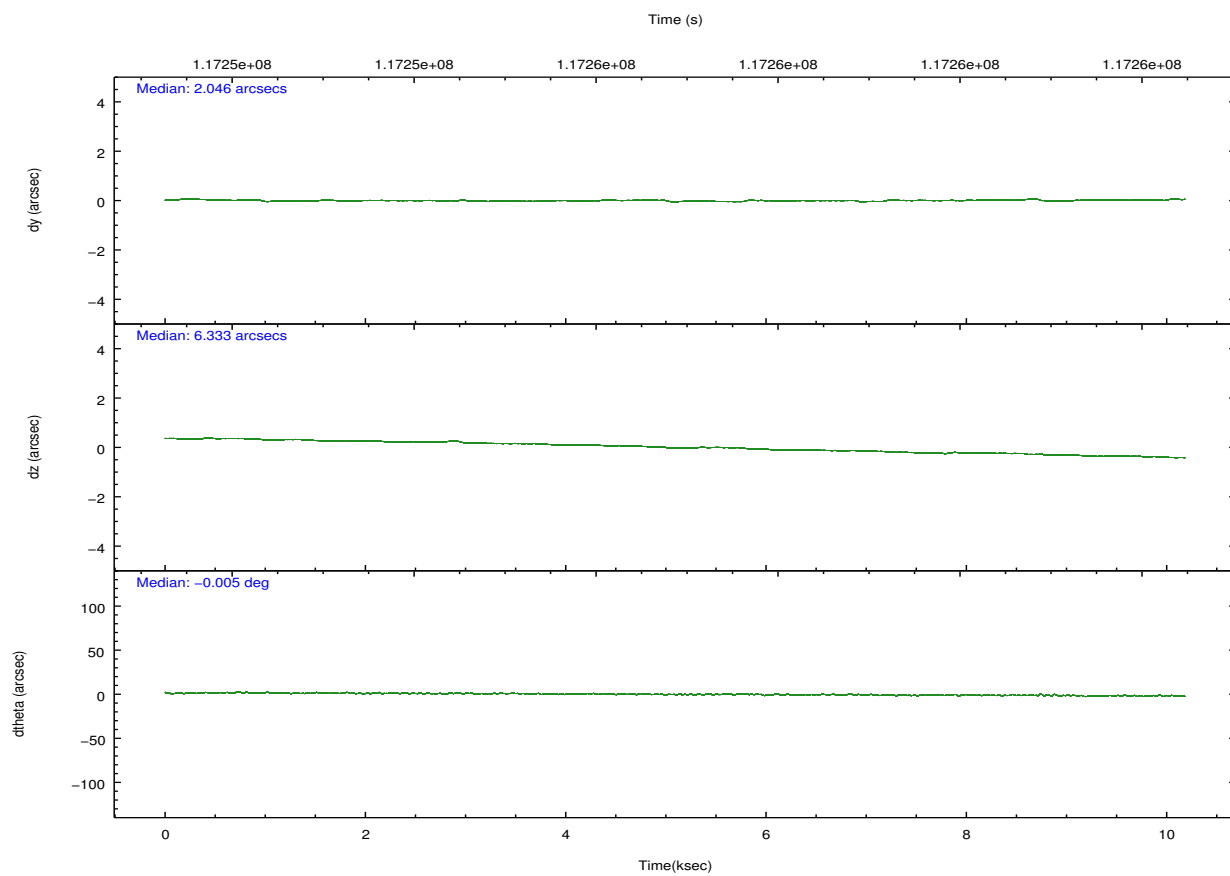
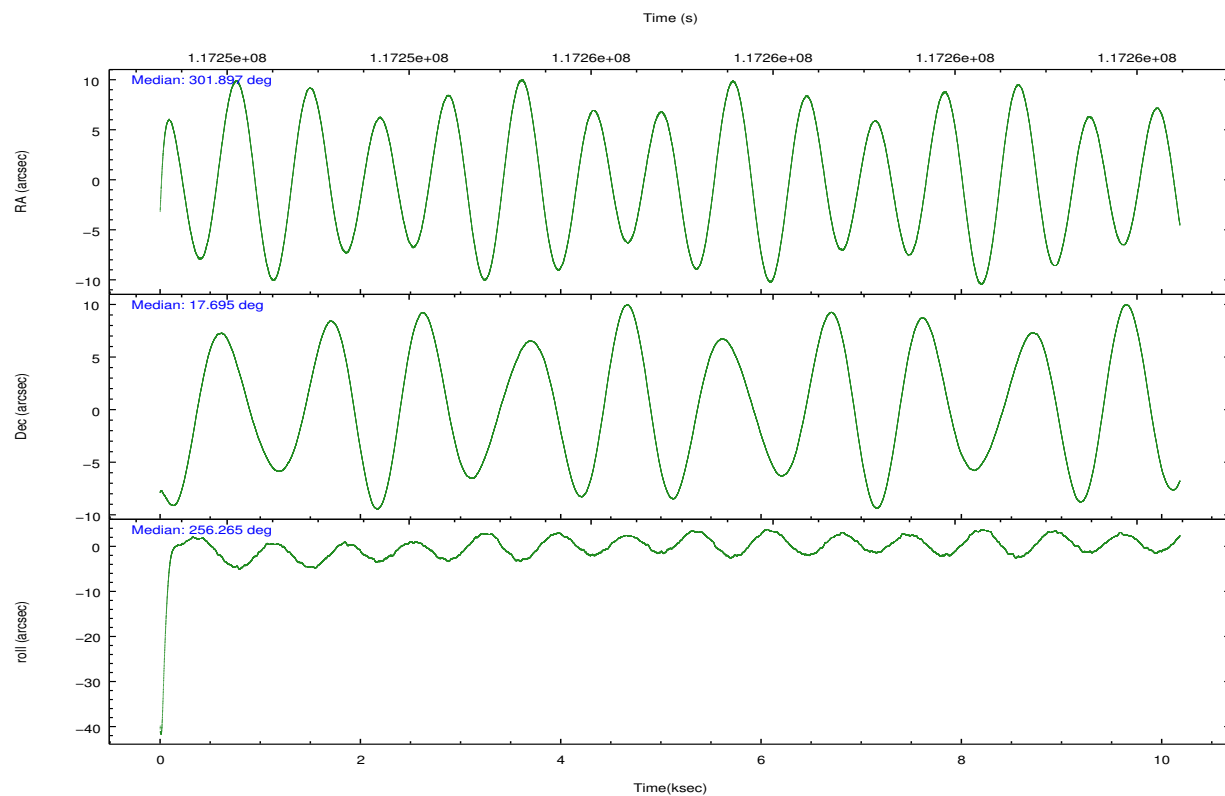
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1575	1698	29993	1573	17254	4660
	10%	10%	34%	10%	19%	16%
grade 1 events	64	41	121	51	172	83
	0%	0%	0%	0%	0%	0%
grade 2 events	4339	4589	20951	4475	20306	7641
	30%	29%	24%	28%	22%	26%
grade 3 events	1702	2184	1464	1838	8005	3168
	11%	14%	1%	11%	8%	10%
grade 4 events	1735	1768	1480	1837	7709	3095
	12%	11%	1%	11%	8%	10%
grade 5 events	2484	2624	6465	2886	8345	3880
	17%	16%	7%	18%	9%	13%
grade 6 events	2555	2626	26705	2915	27332	6457
	17%	16%	30%	18%	30%	22%
grade 7 events	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-235678	ACIS-235678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	CC33_FAINT	CC33_FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	301.888350	301.8967152687022	Subarray requested	NONE	NONE
[deg] Pointing Dec	17.721361	17.69521647903924	Alternating exposures requested	N	N
[deg] Pointing Roll	256.115092	256.2691251717761	[s] Primary exposure time	0.000000	0
[s] Window start time (MET)	117082864.184000	117082864.184000			
[s] Window stop time (MET)	117676864.184000	117676864.184000			
[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)	117251873.184000	117250705.35385			
Observation start date	2001-09-19T01:56:49	2001-09-19T01:38:25			
[s] Observation end time (MET)	117261958.184000	117262740.39182			
Observation end date	2001-09-19T04:44:54	2001-09-19T04:59:00			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



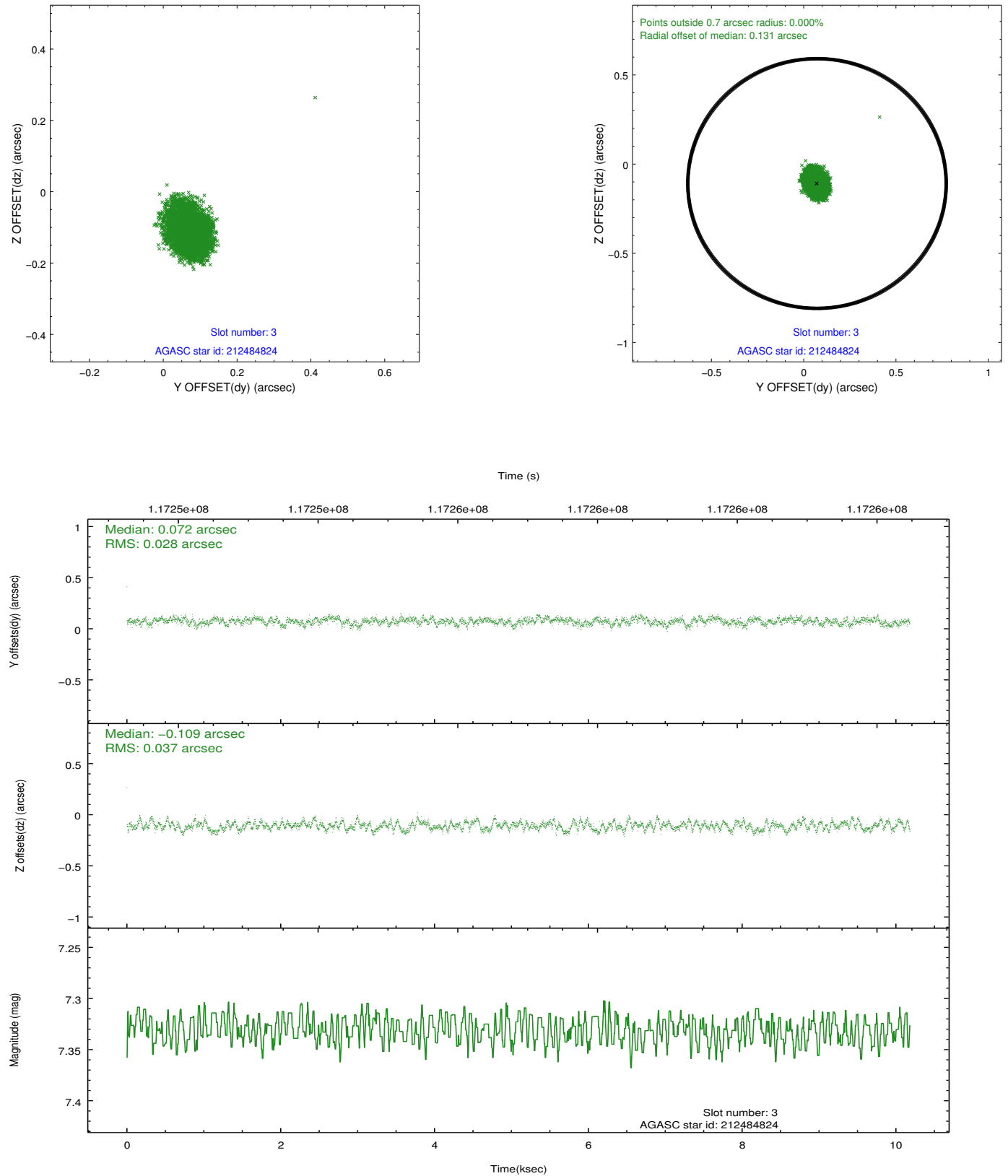


Slot Statistics

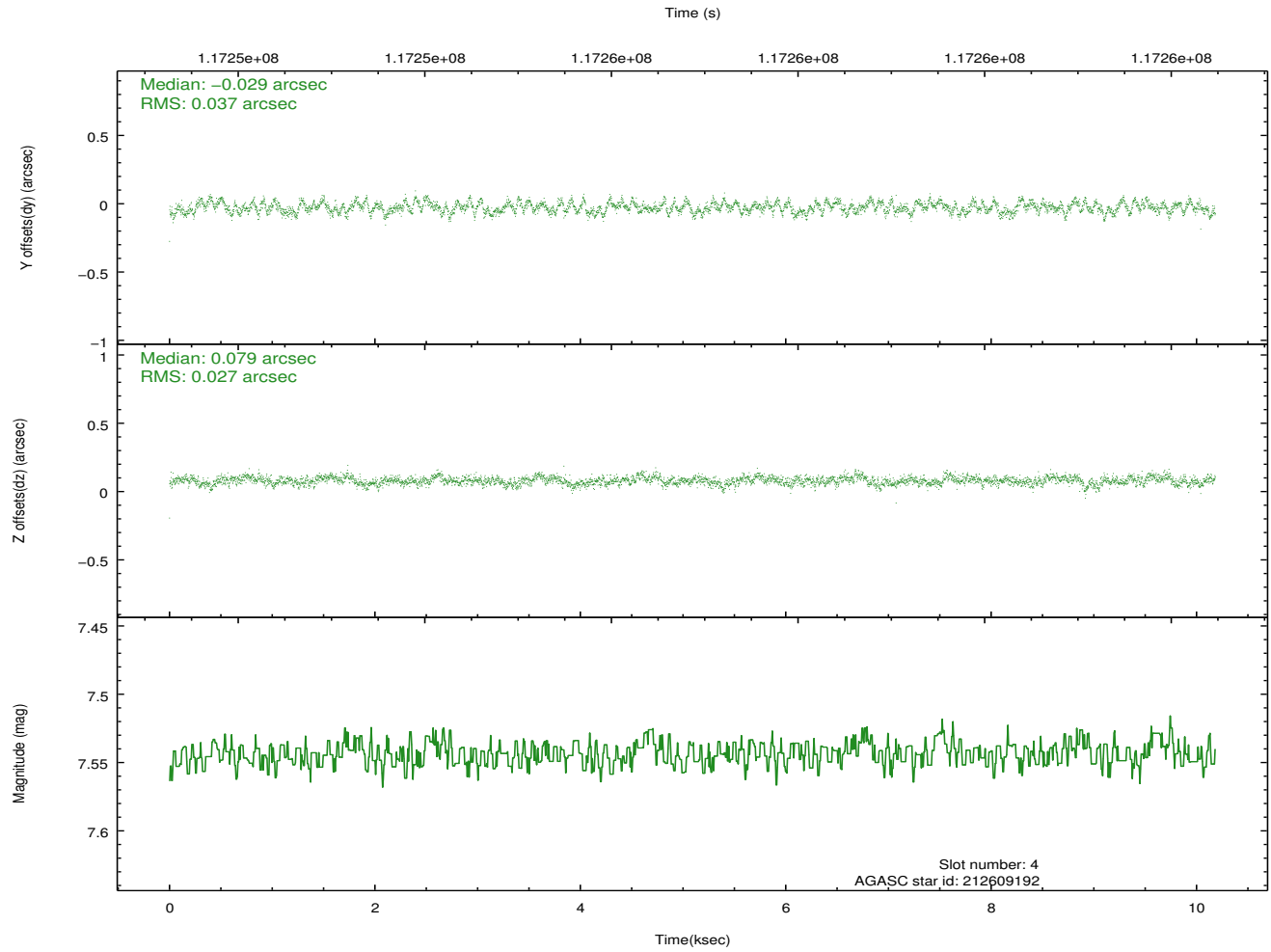
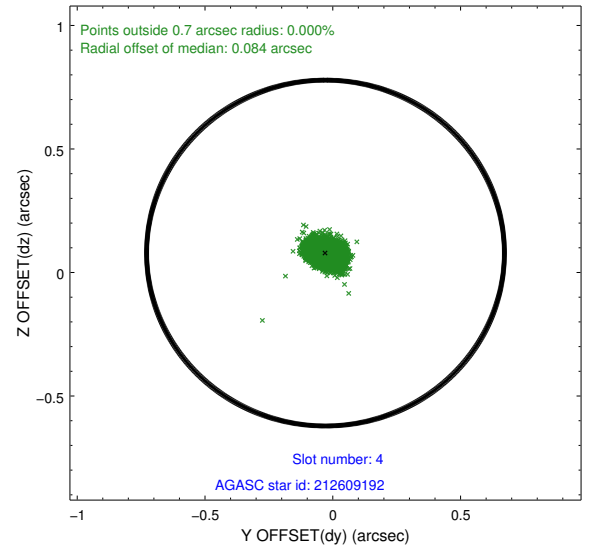
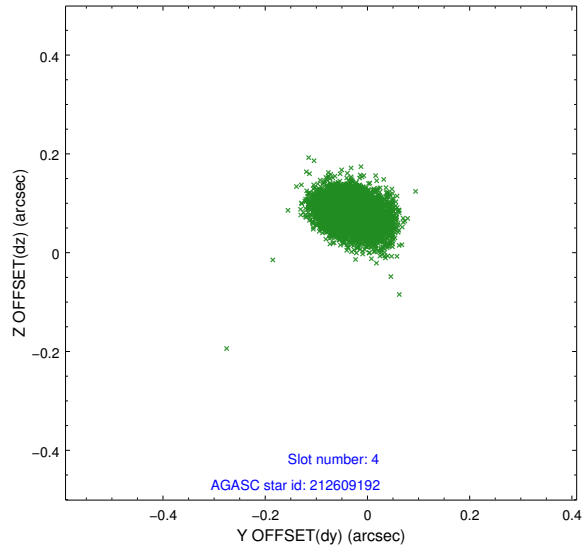
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	2484	0.002	-0.048	0.012	0.019	0.000000	0.000000	941.36	-1723.17
1	FID	ACIS-S-5	7.24	2484	0.013	0.008	0.008	0.013	0.000000	0.000000	-1807.31	173.93
2	FID	ACIS-S-6	7.35	2484	-0.037	0.052	0.009	0.015	0.000000	0.000000	406.34	818.50
3	GUIDE	212484824	7.33	4968	0.072	-0.109	0.050	0.079	301.436883	17.597881	801.77	-1398.36
4	GUIDE	212609192	7.54	4968	-0.029	0.079	0.049	0.079	302.504524	18.225864	-2272.14	1607.84
5	GUIDE	212468336	7.58	4968	-0.053	-0.046	0.045	0.080	301.479163	18.244435	-1494.12	-1810.86
6	GUIDE	212599608	7.84	4968	0.020	0.038	0.037	0.060	302.041368	17.043012	2243.77	1096.61
7	GUIDE	212475304	7.97	4967	-0.009	0.045	0.046	0.076	301.318620	17.280146	2009.71	-1520.98

2.4 Star Slots

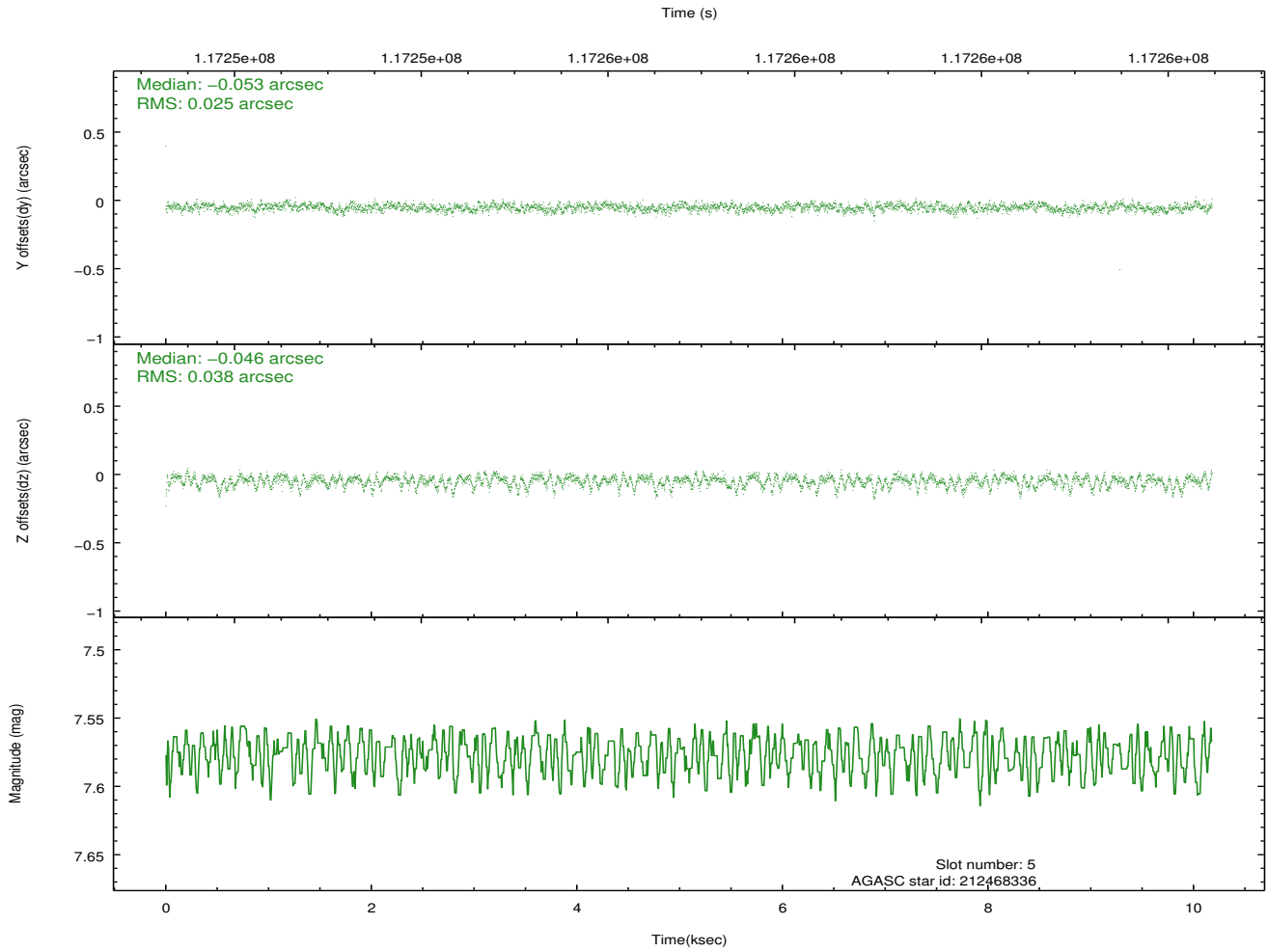
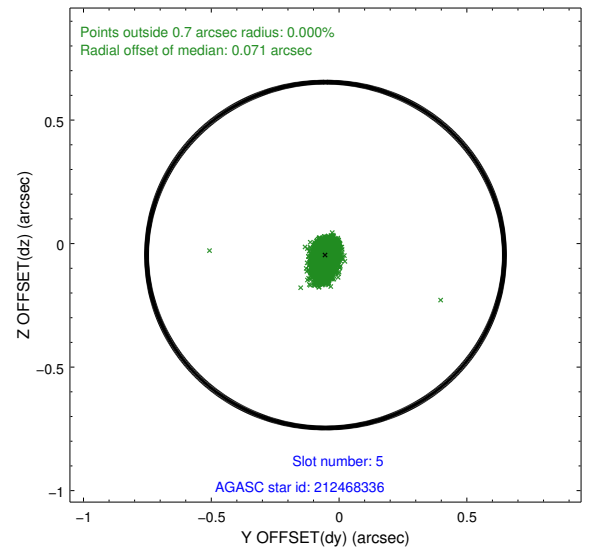
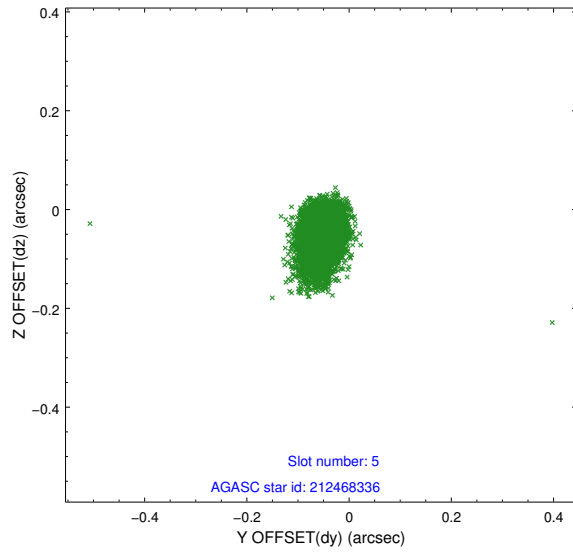
2.4.1 Slot 3



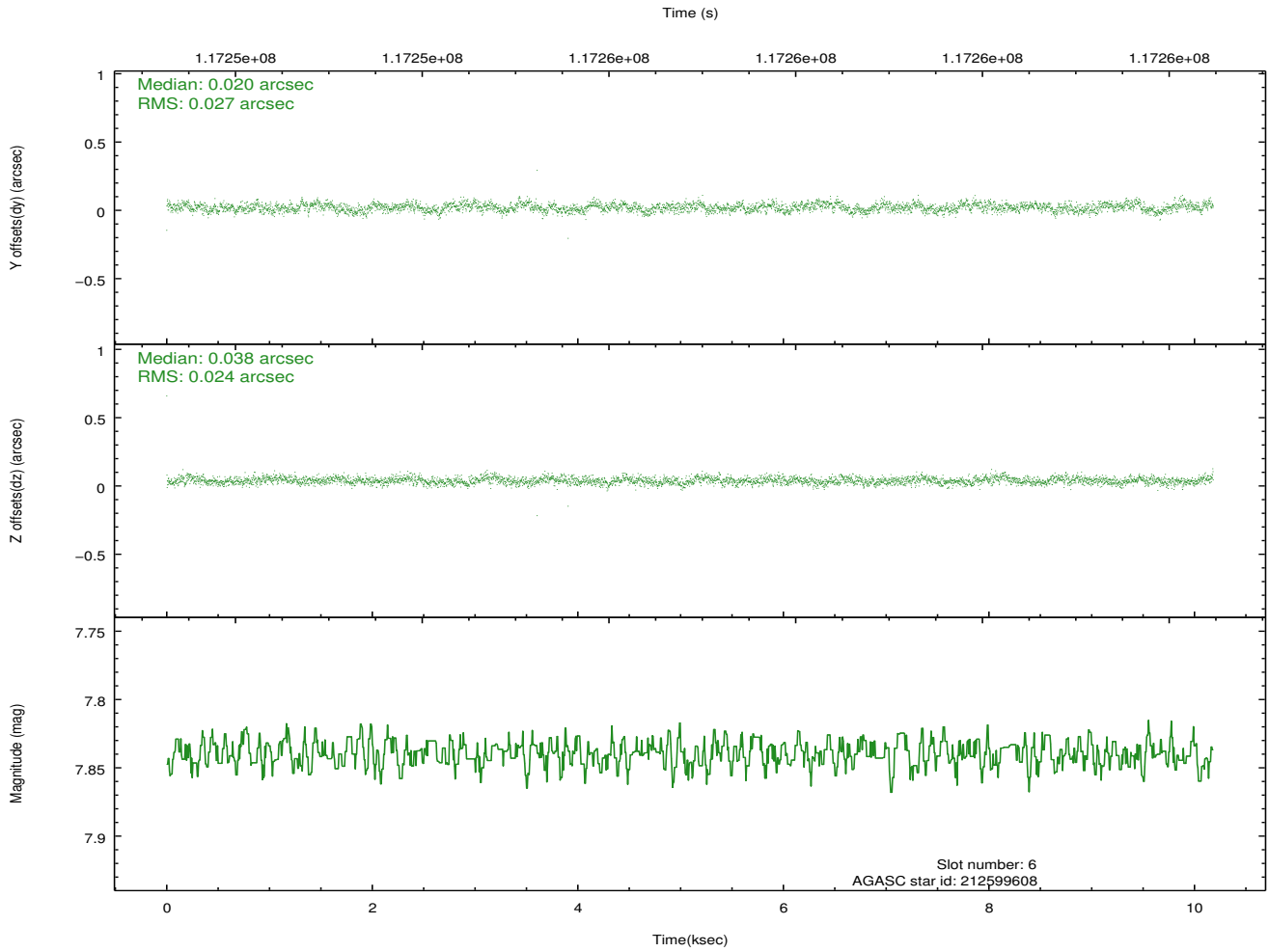
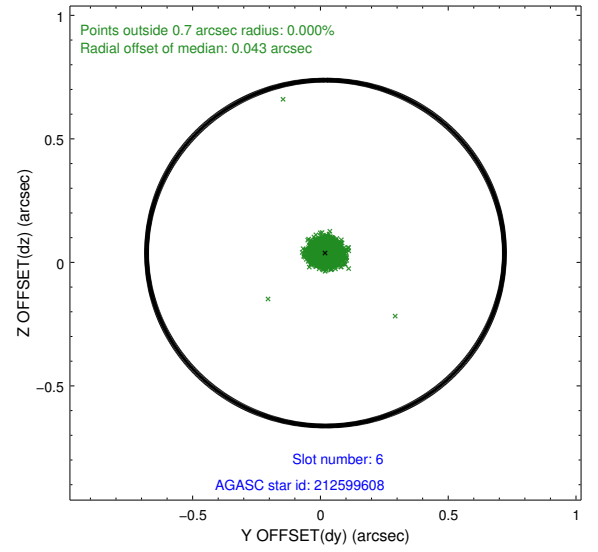
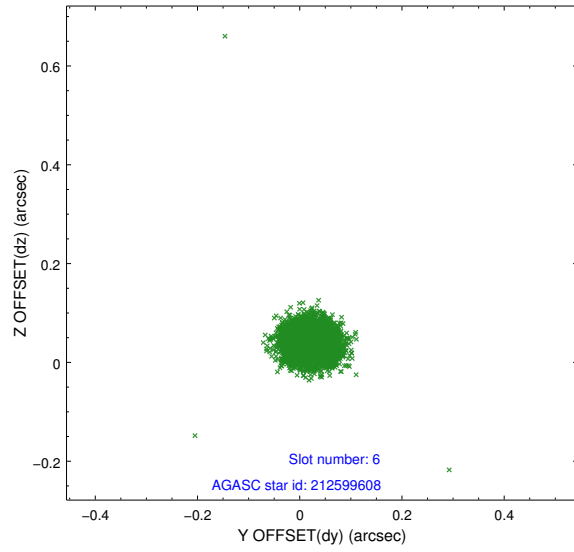
2.4.2 Slot 4



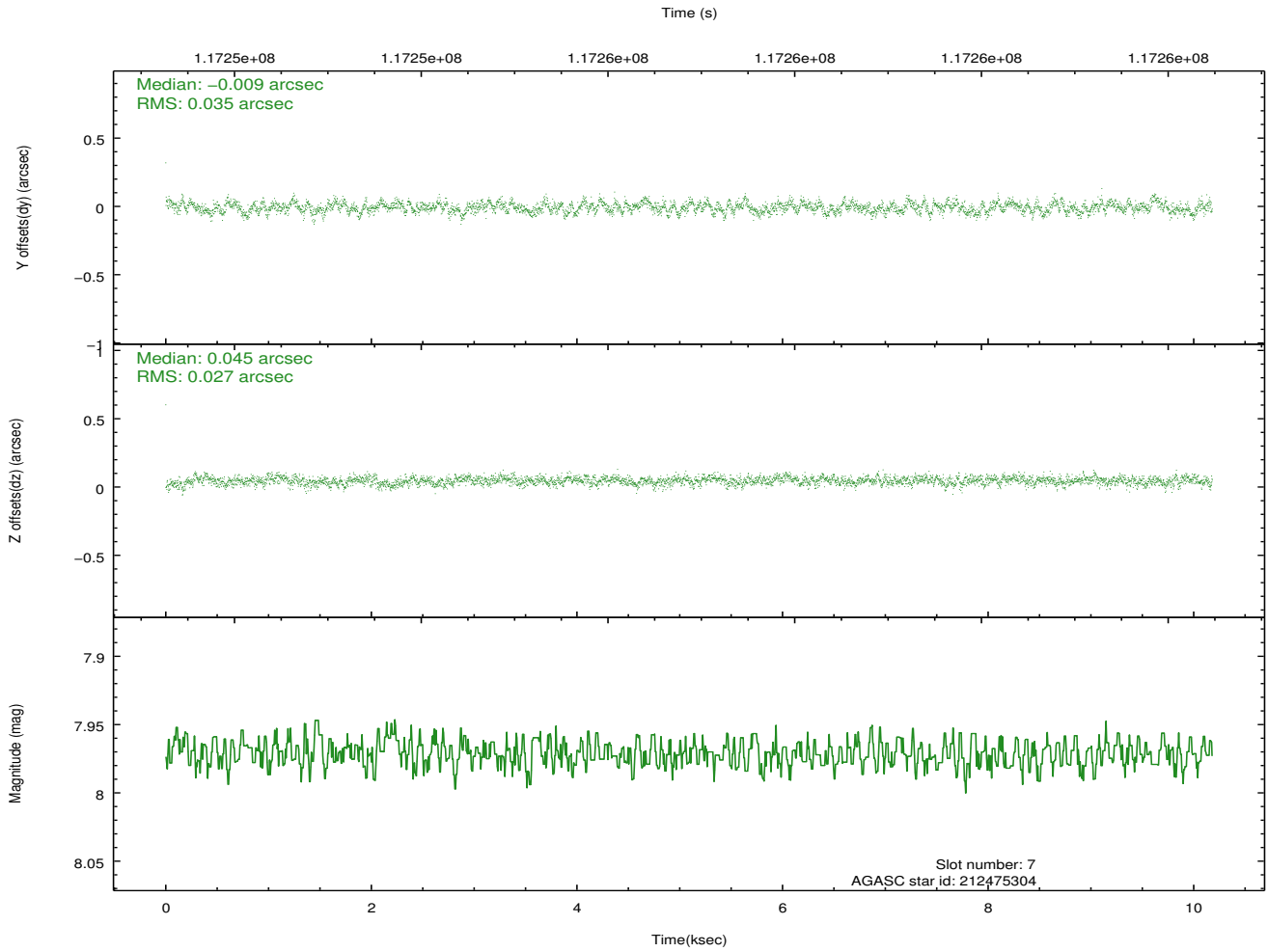
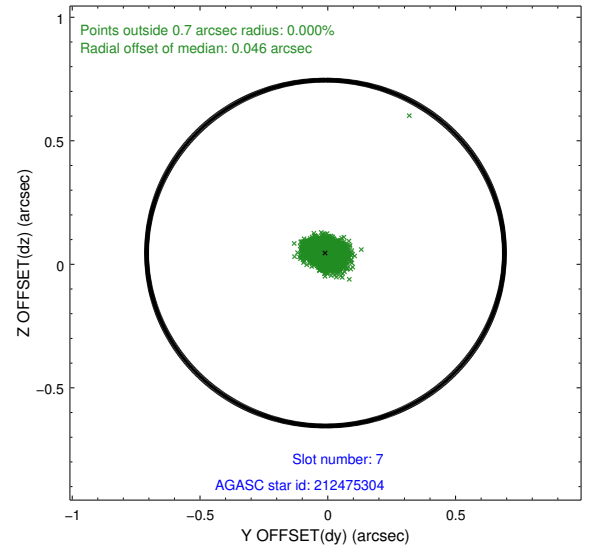
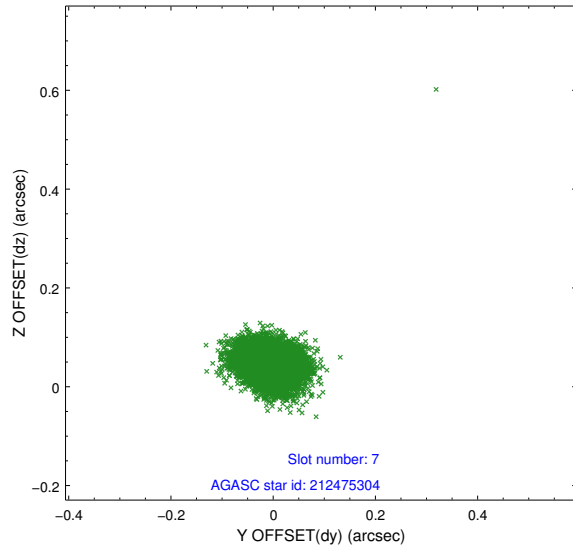
2.4.3 Slot 5



2.4.4 Slot 6

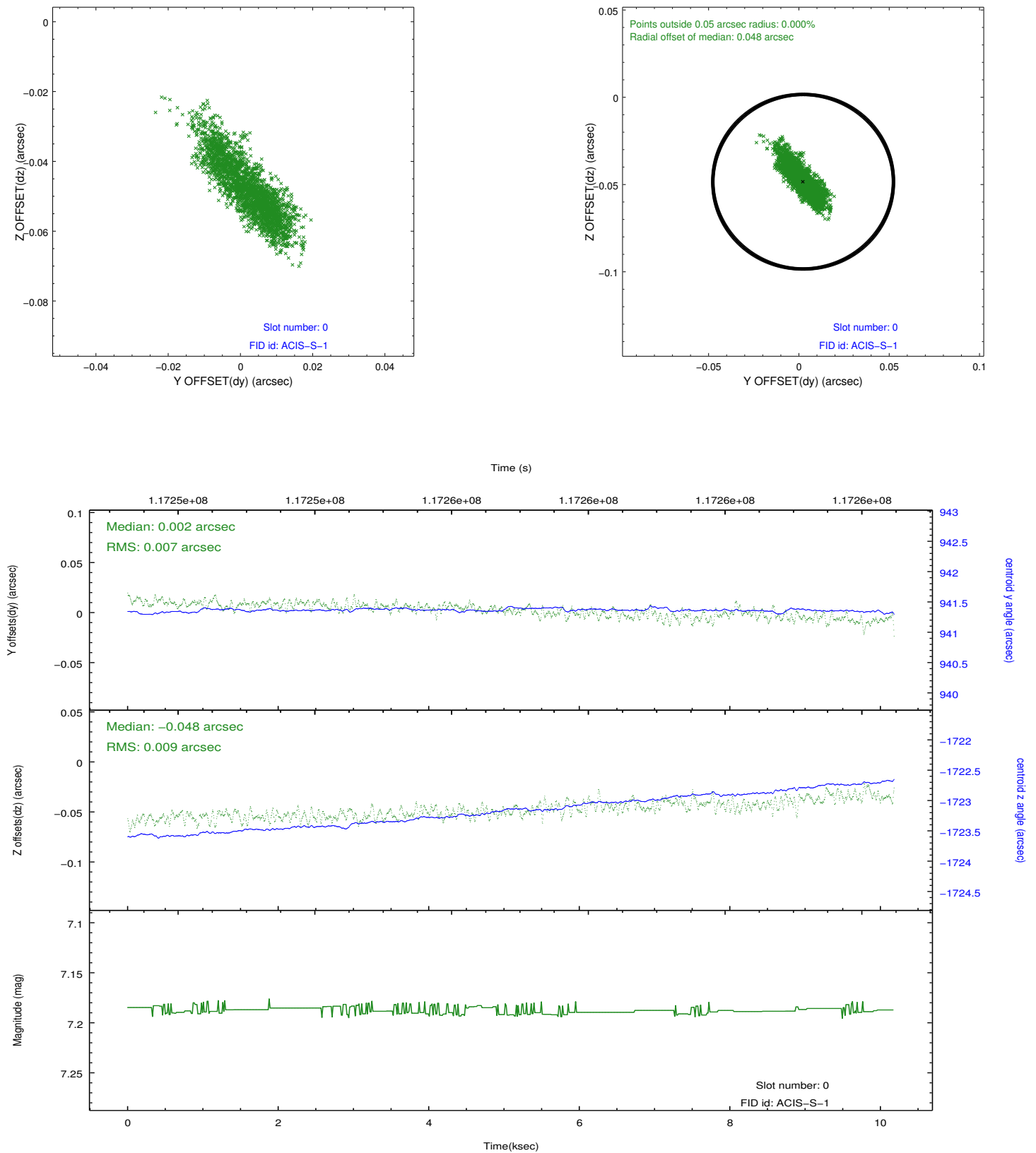


2.4.5 Slot 7

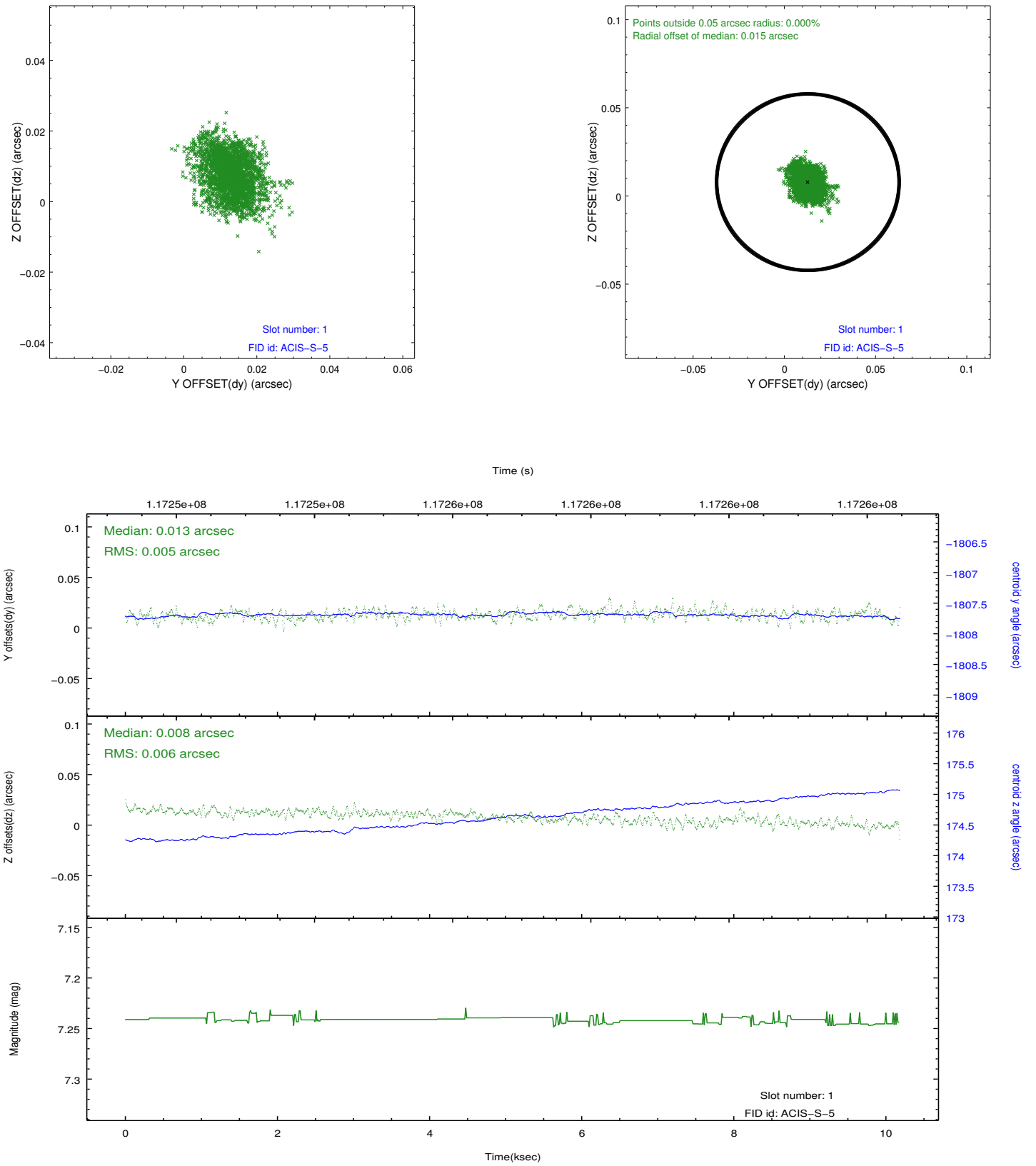


2.5 FID Slots

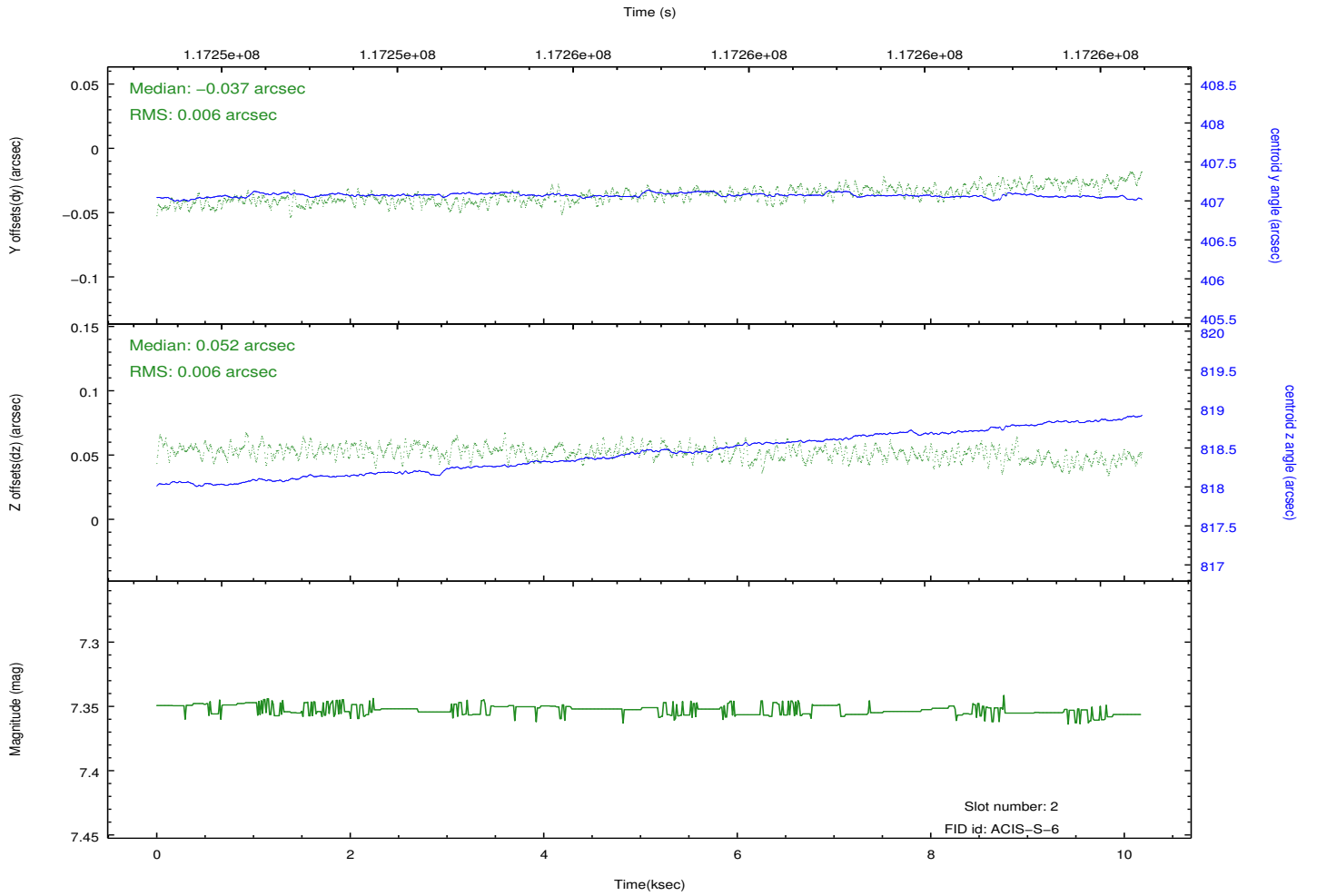
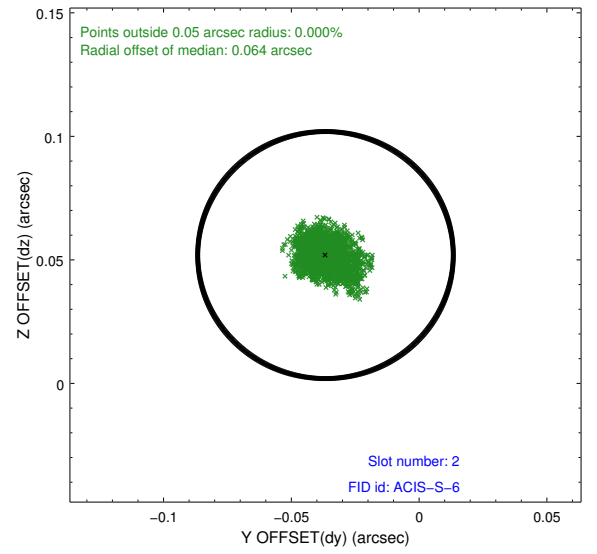
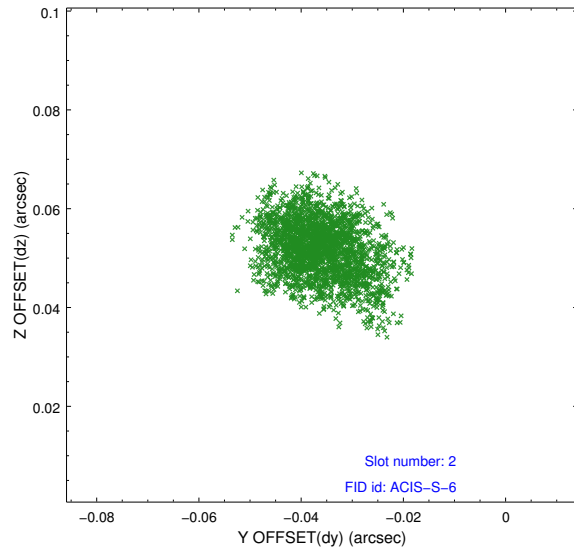
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.10.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.179

A.2 Comments