

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2508 - L2 Version 4
Chandra X-Ray Center

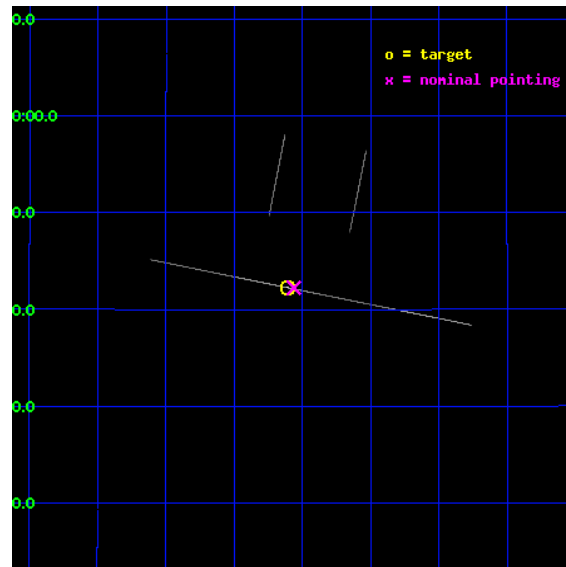
L2 Processing Date : Sep 21 2012

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1 Front

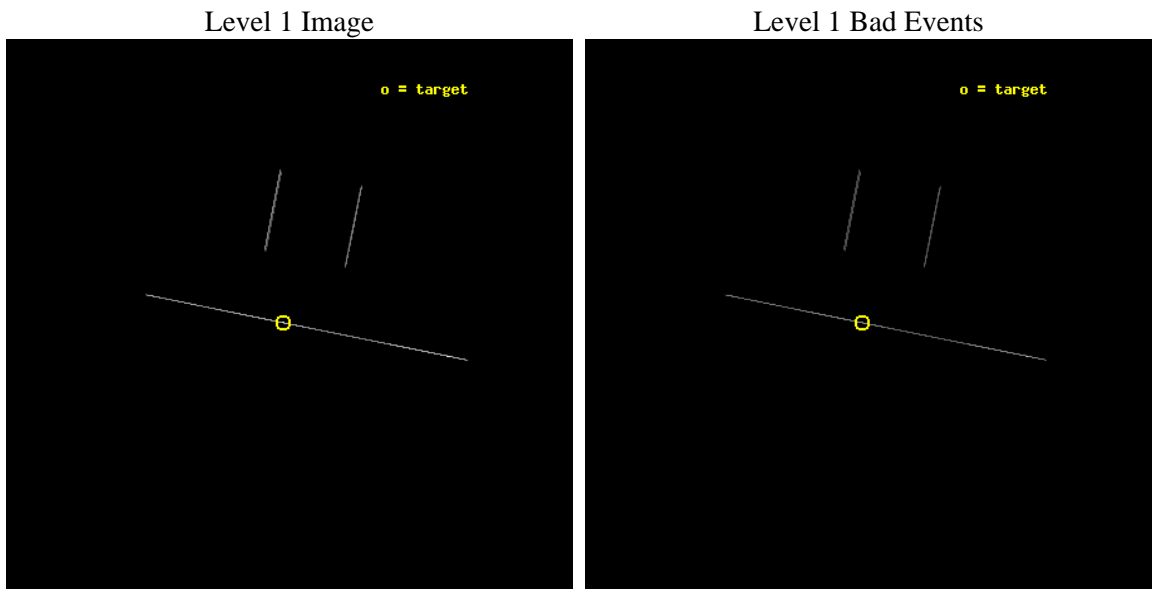
seq_num	300061	Sequence number
obs_id	2508	Observation id
title	WZ SGE IN OUTBURST TEN YEARS EARLY: II THE X-RAY EMISSION	Proposal
observer	Dr Peter Wheatley	Principal investigator
object	WZ SGE	Source name
ra_targ	301.900833	Observer's specified target RA [deg]
dec_targ	17.704167	Observer's specified target Dec [deg]
ra_nom	301.89053079414	Nominal RA [deg]
dec_nom	17.704013608942	Nominal Dec [deg]
roll_nom	191.32522788061	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5156.25	Sum of GTIs [s]
livetime	5136.1083984375	Livetime [s]
ontime2	5156.25	Sum of GTIs [s]
ontime3	5156.25	Sum of GTIs [s]
ontime5	5156.25	Sum of GTIs [s]
ontime6	5156.25	Sum of GTIs [s]
ontime7	5156.25	Sum of GTIs [s]
ontime8	5156.25	Sum of GTIs [s]
l2events	68352	Number of level 2 events



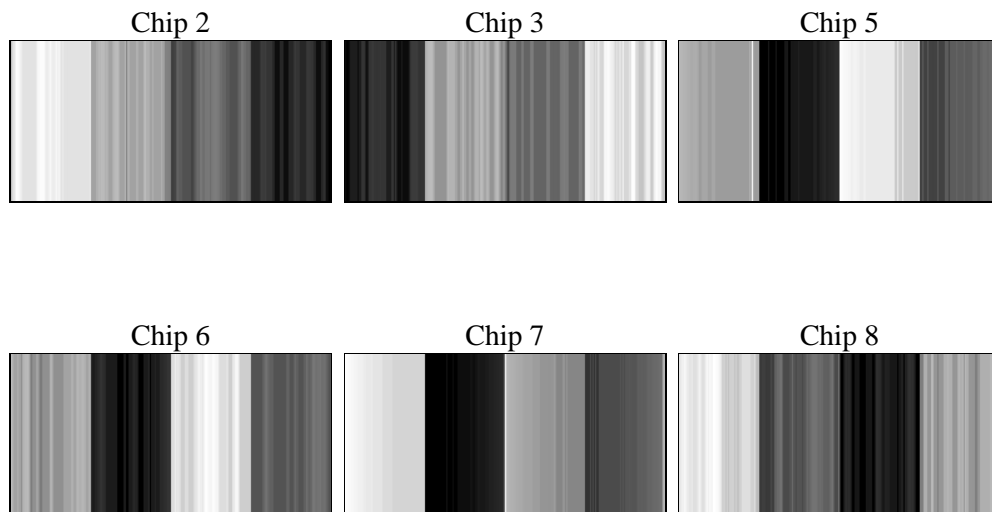
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5156.25	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime2	5156.25	Sum of GTIs [s]
date	2012-09-21T09:23:27	Date and time of file creation	ontime3	5156.25	Sum of GTIs [s]
revision	4	Processing version of data	ontime5	5156.25	Sum of GTIs [s]
			ontime6	5156.25	Sum of GTIs [s]
			ontime7	5156.25	Sum of GTIs [s]
			ontime8	5156.25	Sum of GTIs [s]
			l1events	115077	Number of level 1 events

2.1.4 Events

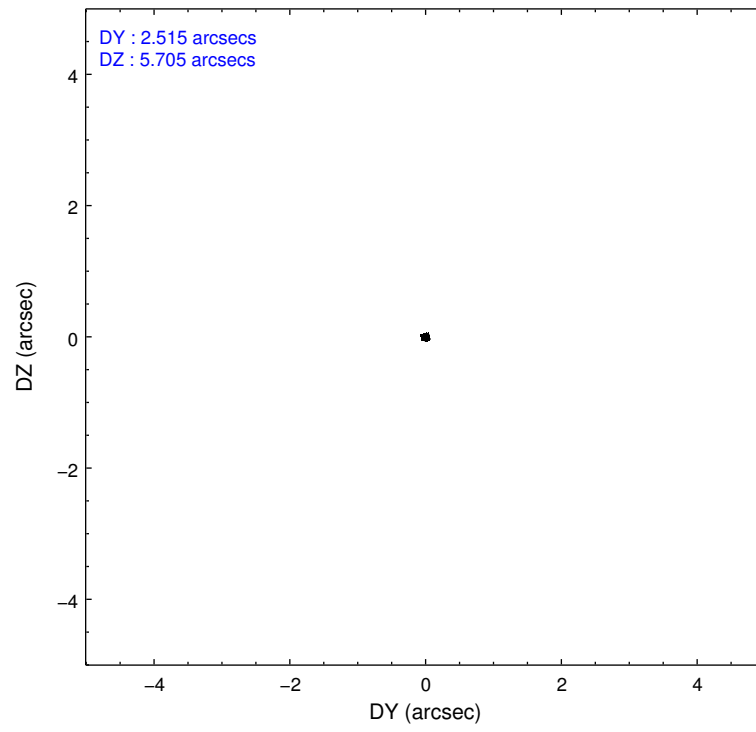
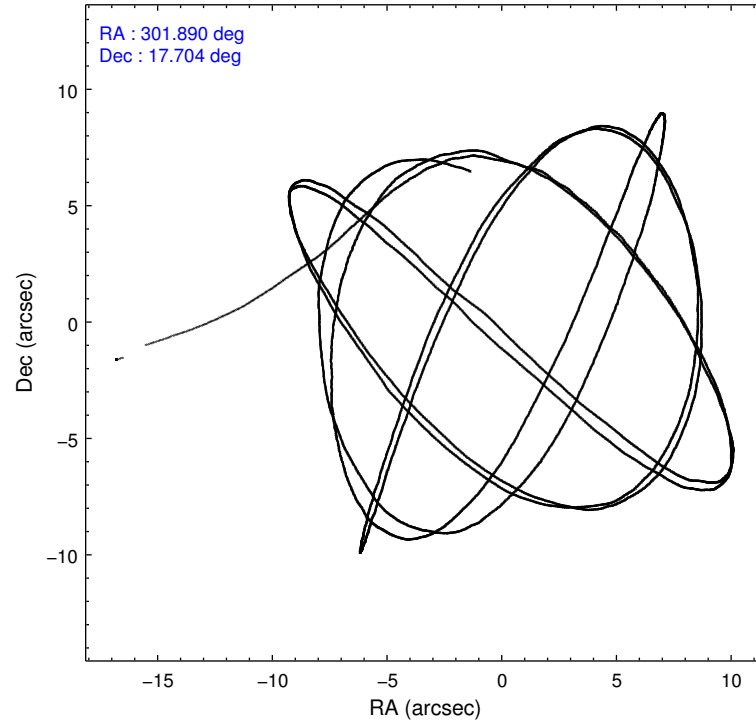
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	7499	8189	39642	8499	35389	15859
rejected events	2147	2241	8976	2575	7700	4330
rejected %	28%	27%	22%	30%	21%	27%

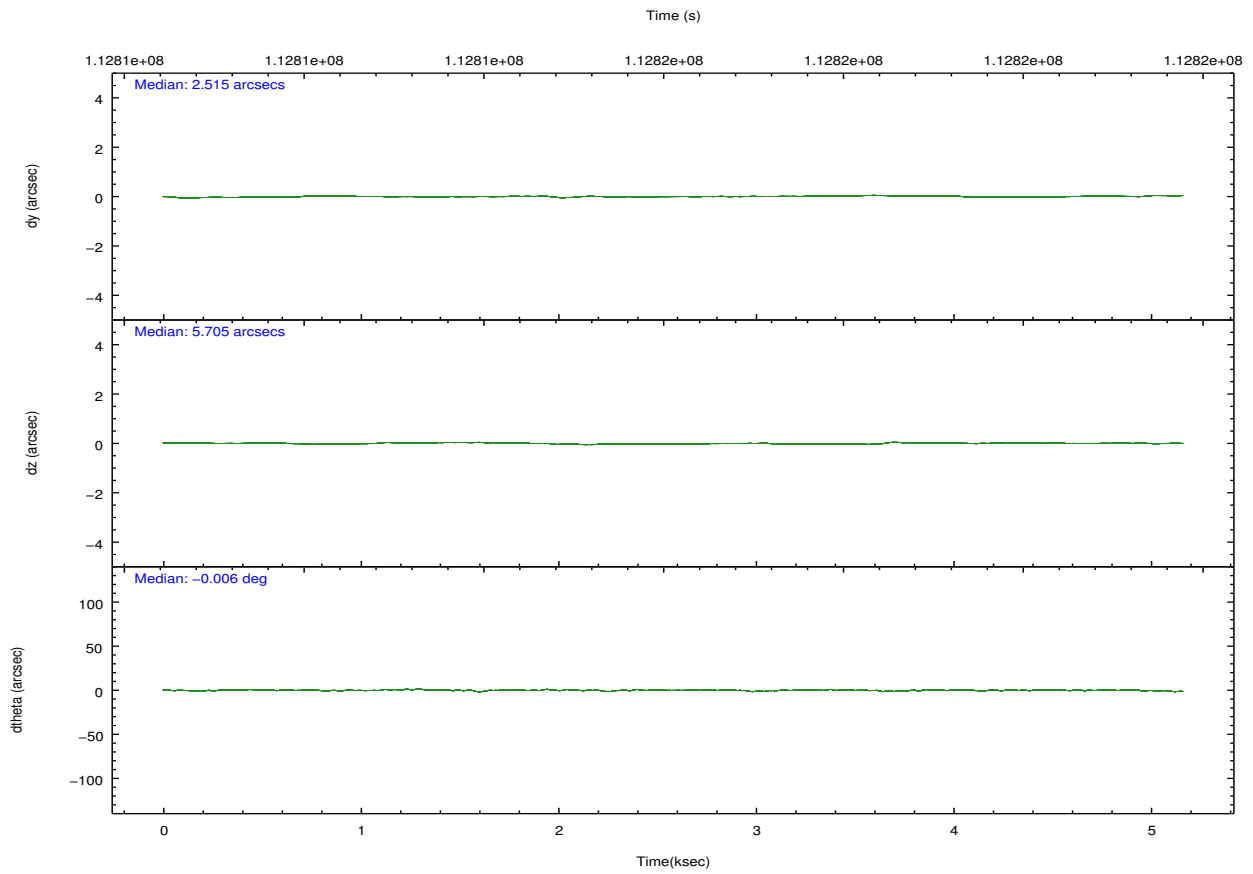
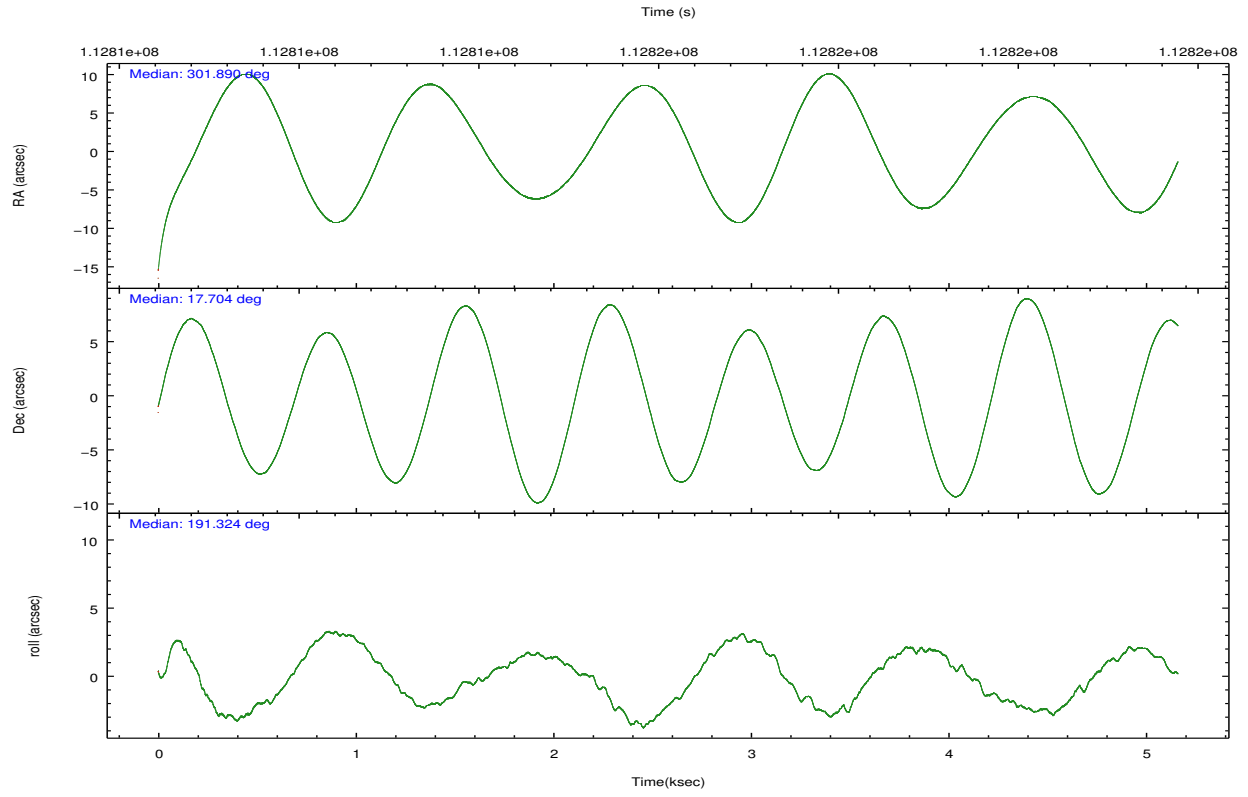
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	809	792	9872	823	6854	2562
	10%	9%	24%	9%	19%	16%
grade 1 events	22	32	77	23	82	58
	0%	0%	0%	0%	0%	0%
grade 2 events	2180	2555	9489	2482	7202	3963
	29%	31%	23%	29%	20%	24%
grade 3 events	989	1124	879	979	2578	1853
	13%	13%	2%	11%	7%	11%
grade 4 events	982	900	819	997	2586	1823
	13%	10%	2%	11%	7%	11%
grade 5 events	1174	1345	3746	1554	4393	2108
	15%	16%	9%	18%	12%	13%
grade 6 events	1343	1441	14760	1641	11694	3492
	17%	17%	37%	19%	33%	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	301.911892	301.890530794141	Subarray requested	NONE	NONE
[deg] Pointing Dec	17.722218	17.70401360894216	Alternating exposures requested	N	N
[deg] Pointing Roll	191.162108	191.3252278806144	[s] Primary exposure time	0.000000	0
[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)	112812631.184000	112811598.79122			
Observation start date	2001-07-29T16:49:27	2001-07-29T16:33:18			
[s] Observation end time (MET)	112817631.184000	112818226.95398			
Observation end date	2001-07-29T18:12:47	2001-07-29T18:23:46			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



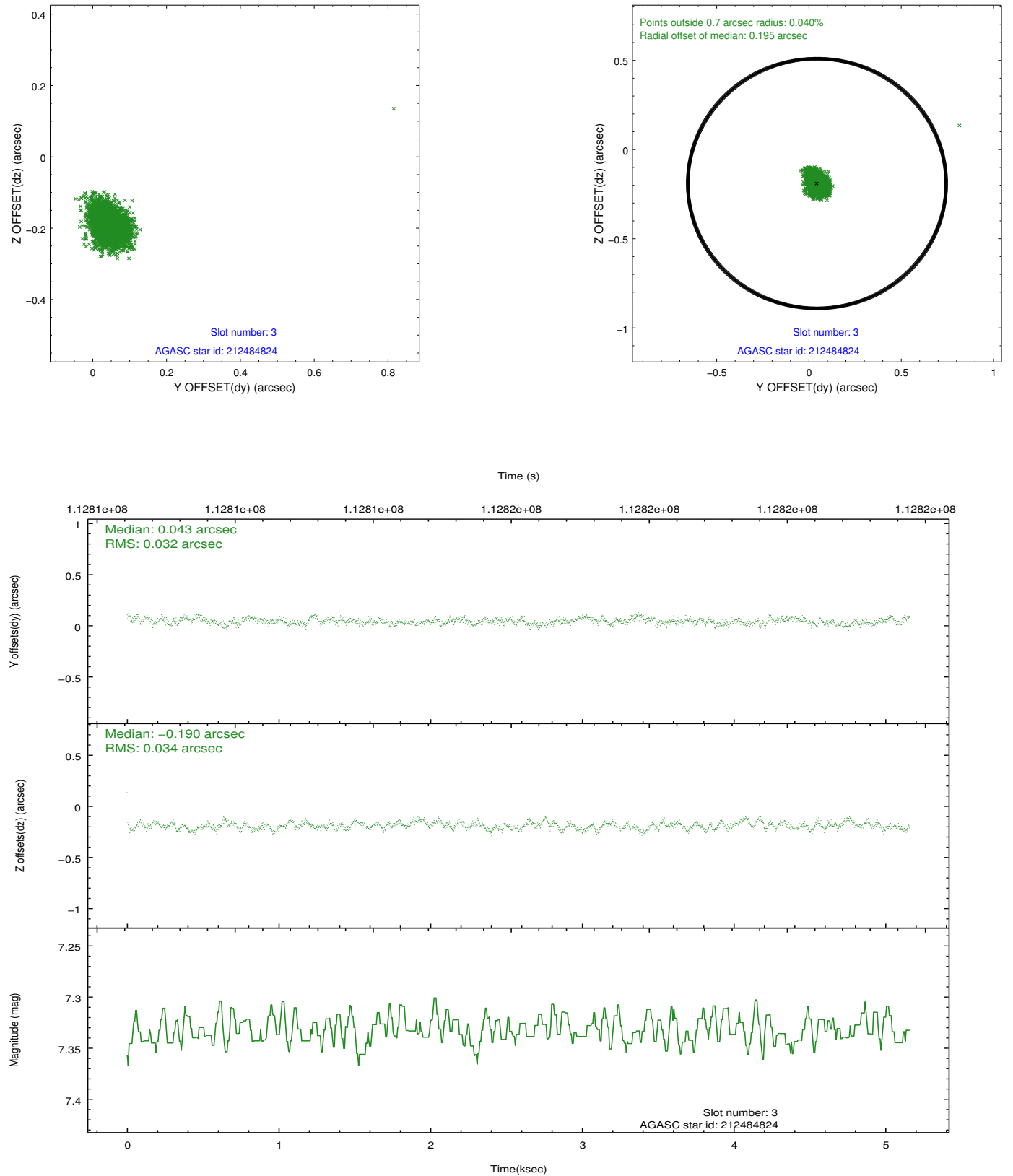


Slot Statistics

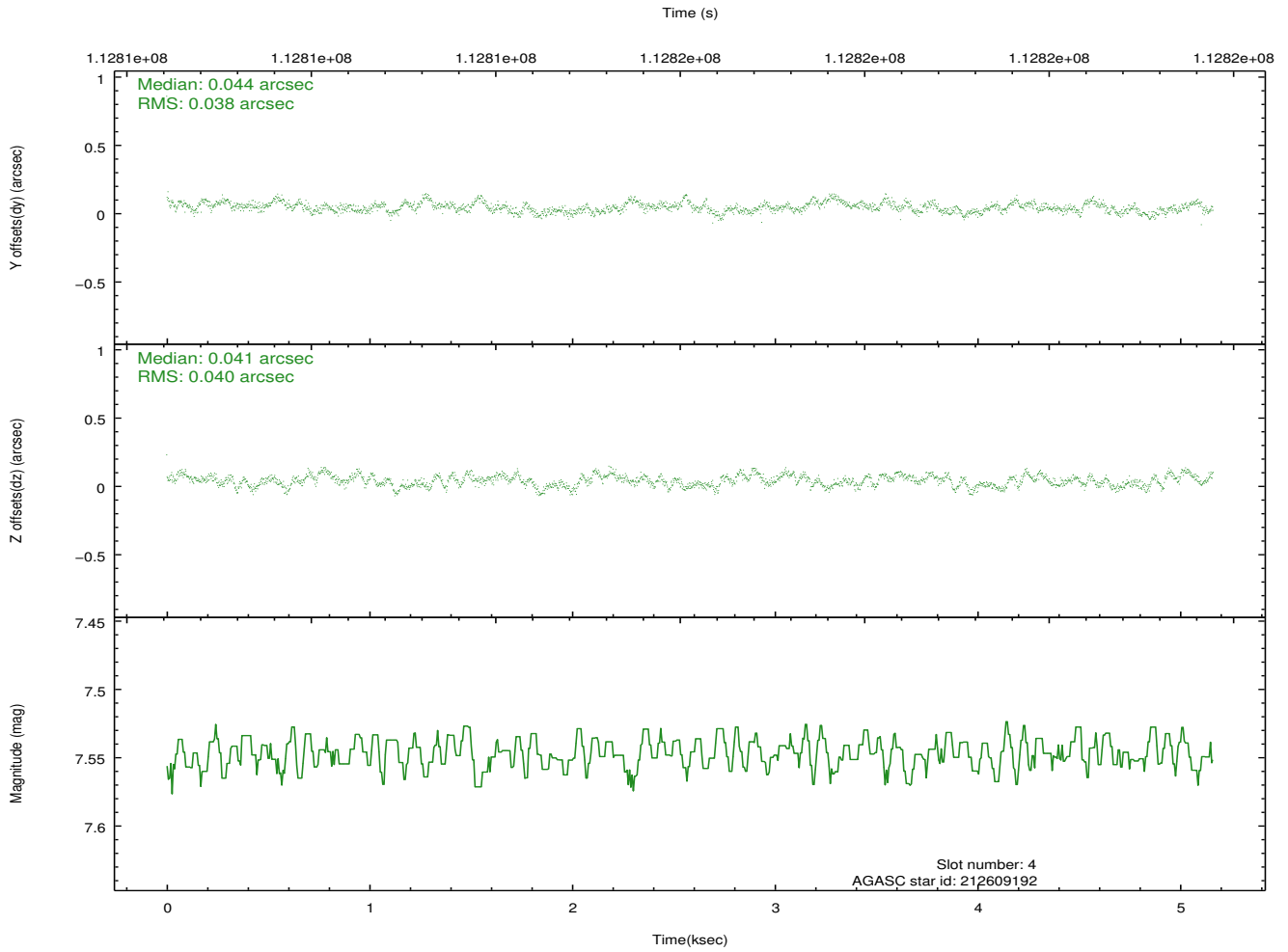
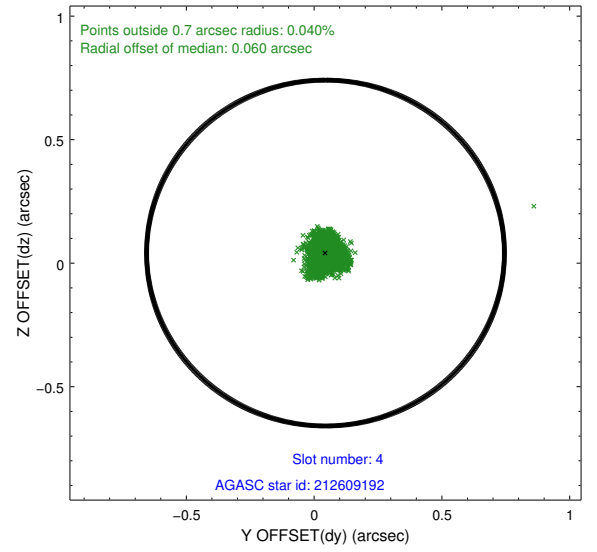
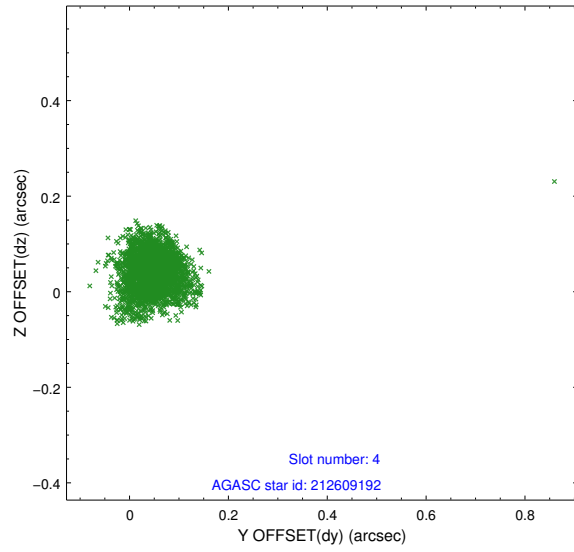
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1260	-0.041	-0.002	0.008	0.018	0.000000	0.000000	-755.13	-1726.86
1	FID	ACIS-S-4	7.20	1260	-0.019	0.020	0.006	0.010	0.000000	0.000000	2157.58	180.52
2	FID	ACIS-S-5	7.24	1260	0.028	-0.009	0.008	0.017	0.000000	0.000000	-1806.45	175.38
3	GUIDE	212484824	7.33	2519	0.043	-0.190	0.046	0.075	301.436883	17.597881	1685.18	122.39
4	GUIDE	212609192	7.55	2519	0.044	0.041	0.056	0.092	302.504524	18.225864	-2339.34	-1388.83
5	GUIDE	212468336	7.60	2519	-0.025	0.119	0.059	0.092	301.479163	18.244435	1086.14	-2131.98
6	GUIDE	212475304	7.92	2519	-0.176	0.005	0.057	0.090	301.318620	17.280146	2308.21	1163.60
7	GUIDE	212600320	8.66	2518	0.114	0.034	0.062	0.102	302.393008	18.138679	-1904.74	-1153.04

2.4 Star Slots

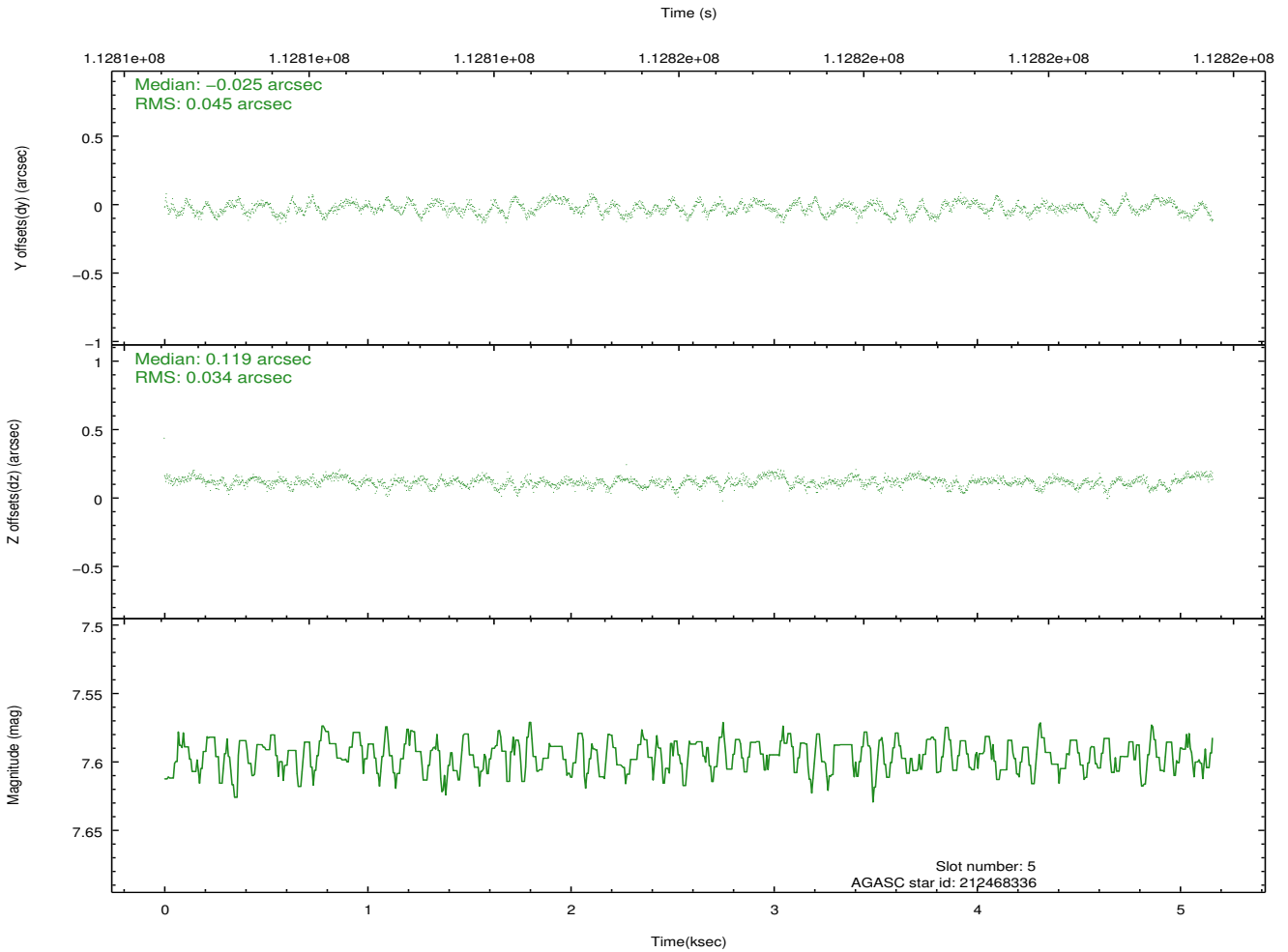
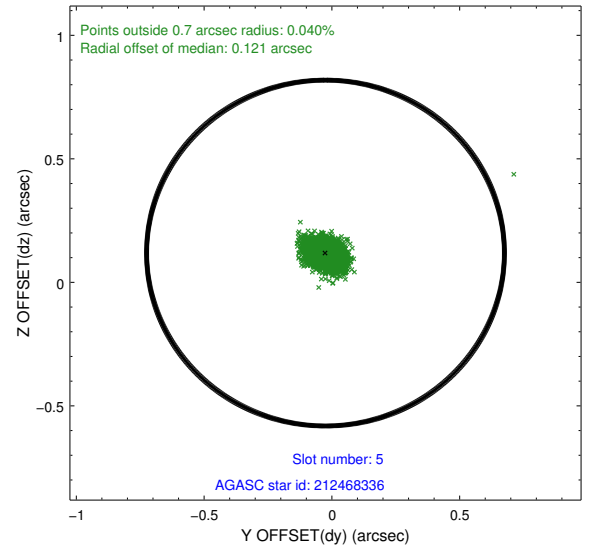
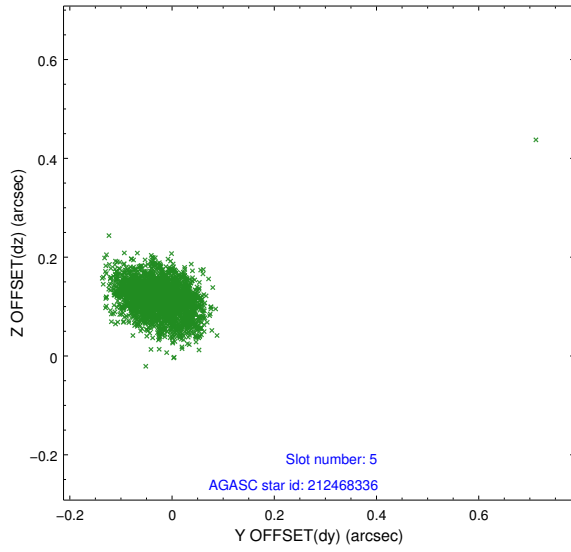
2.4.1 Slot 3



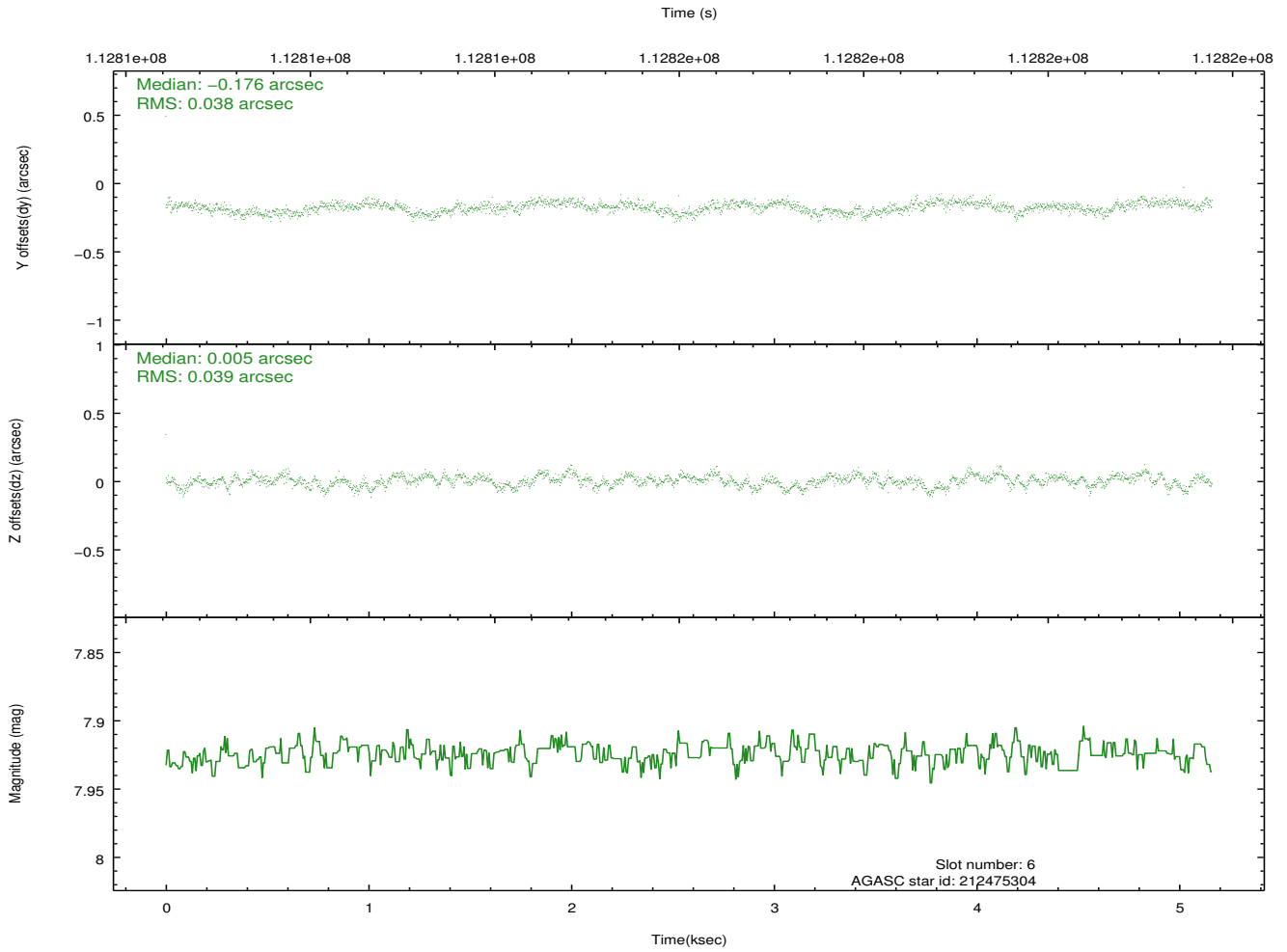
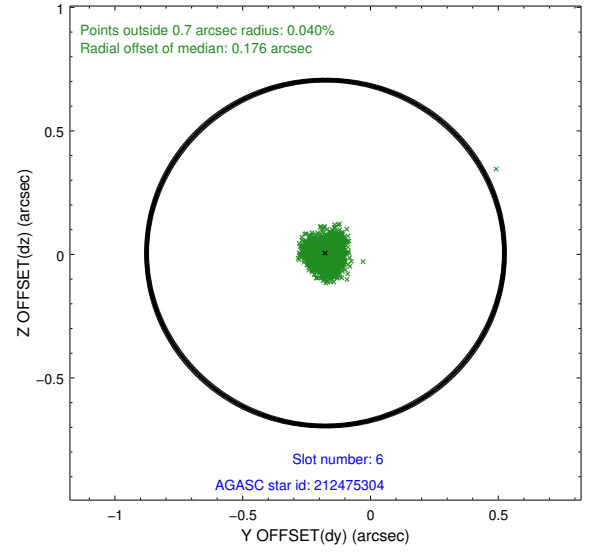
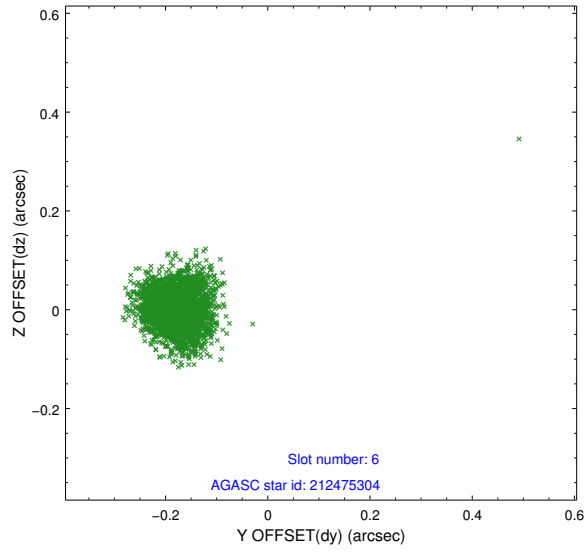
2.4.2 Slot 4



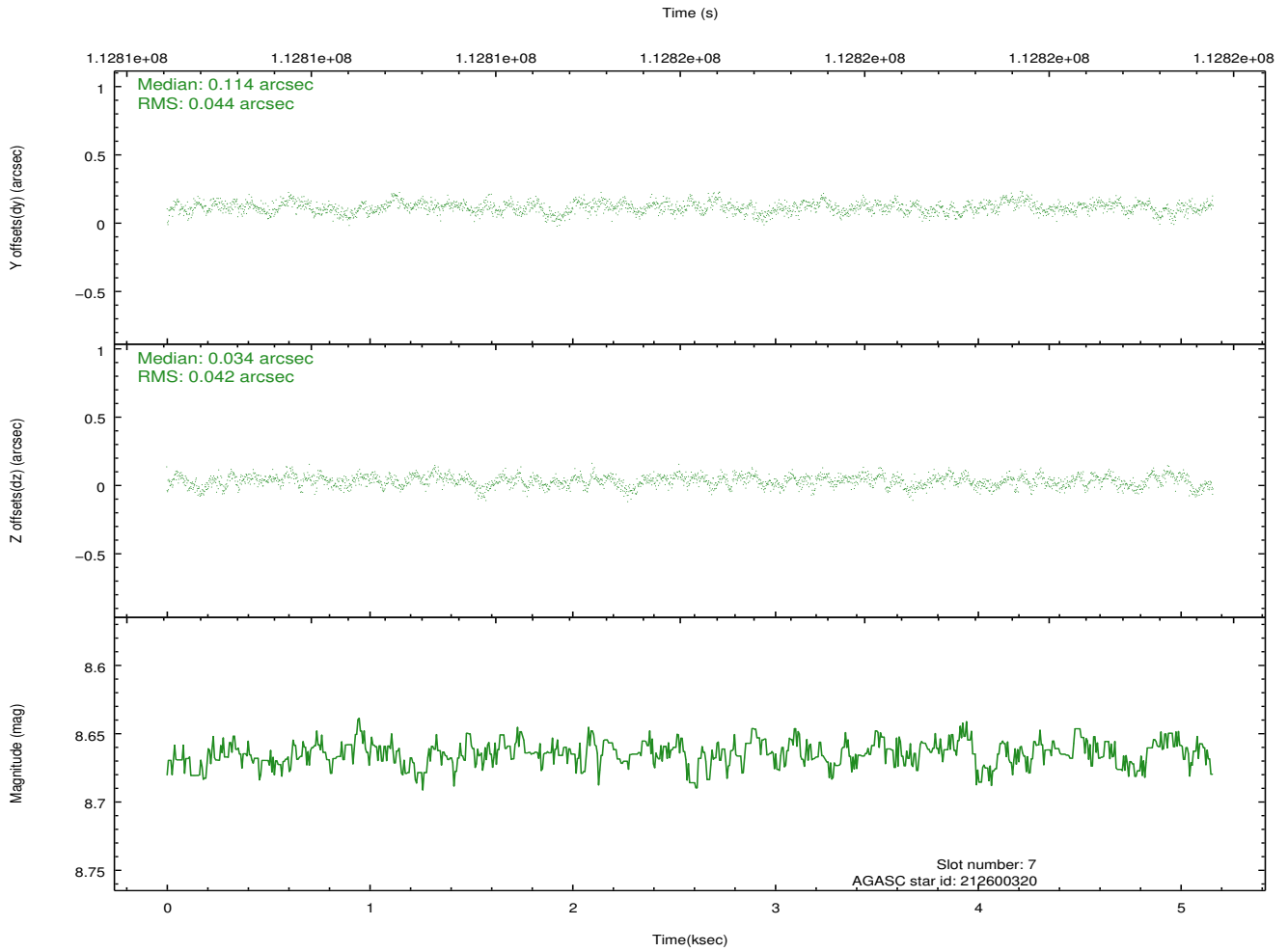
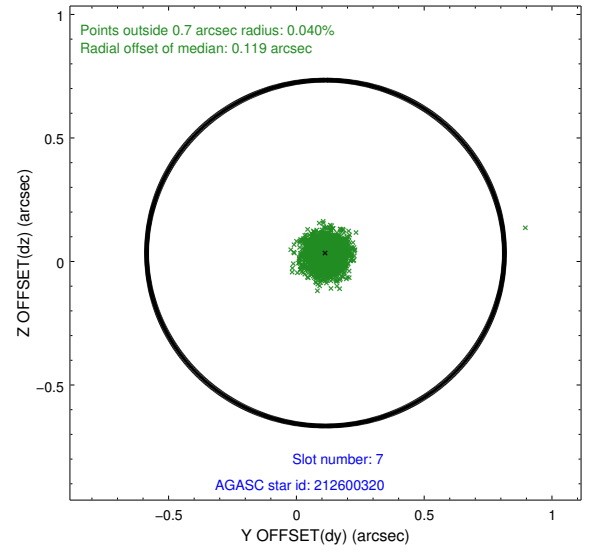
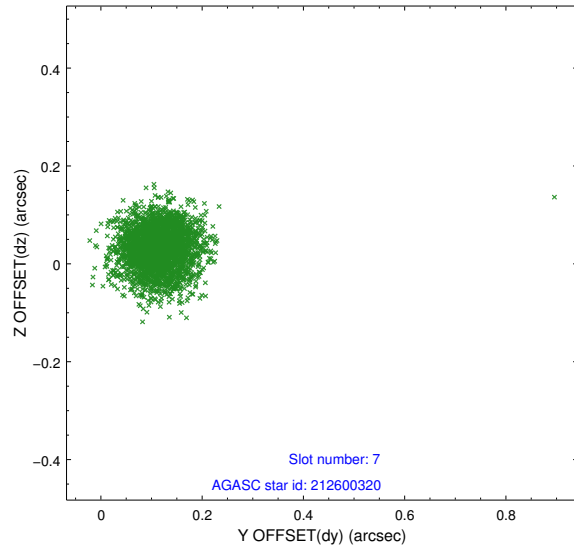
2.4.3 Slot 5



2.4.4 Slot 6

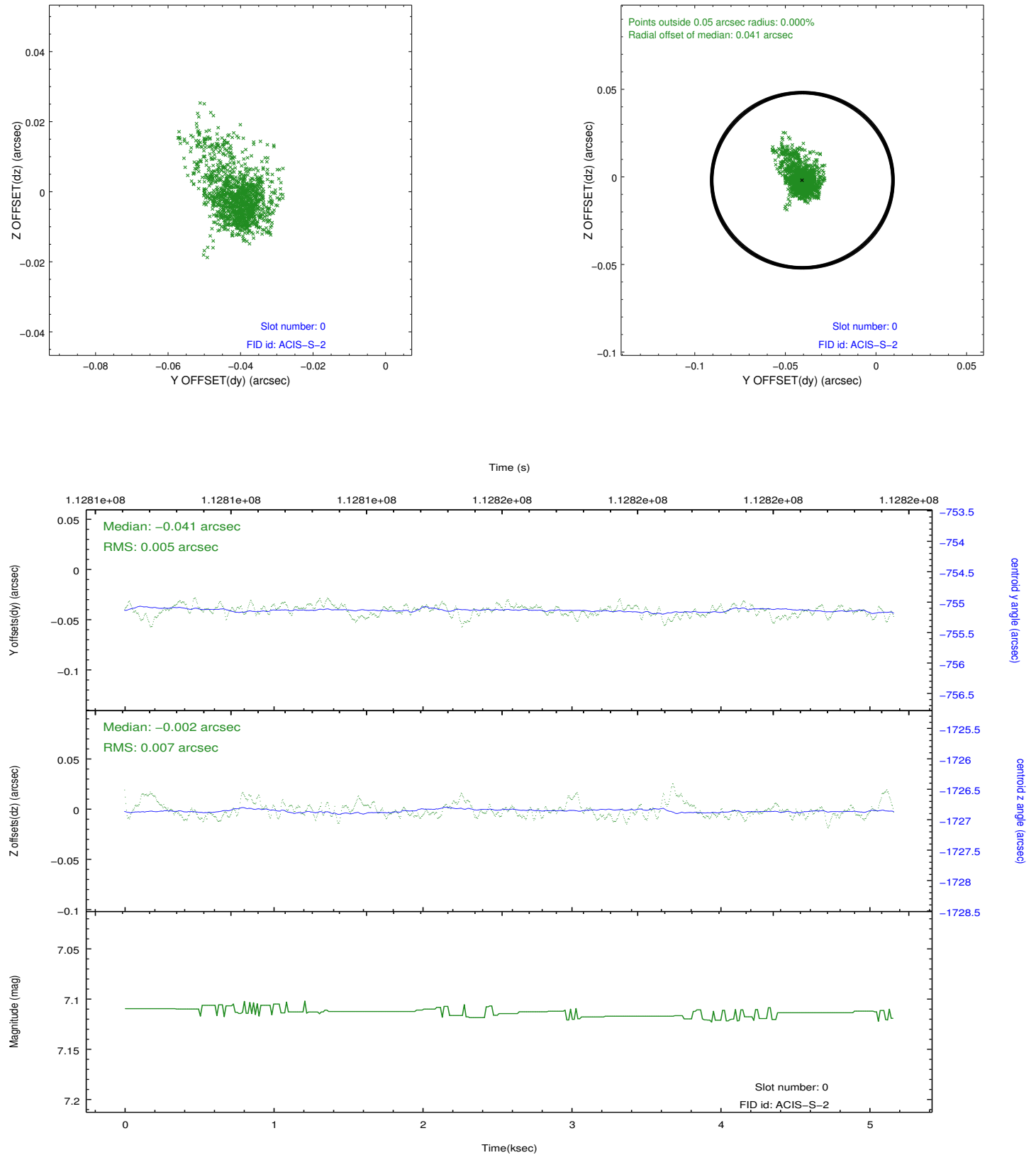


2.4.5 Slot 7

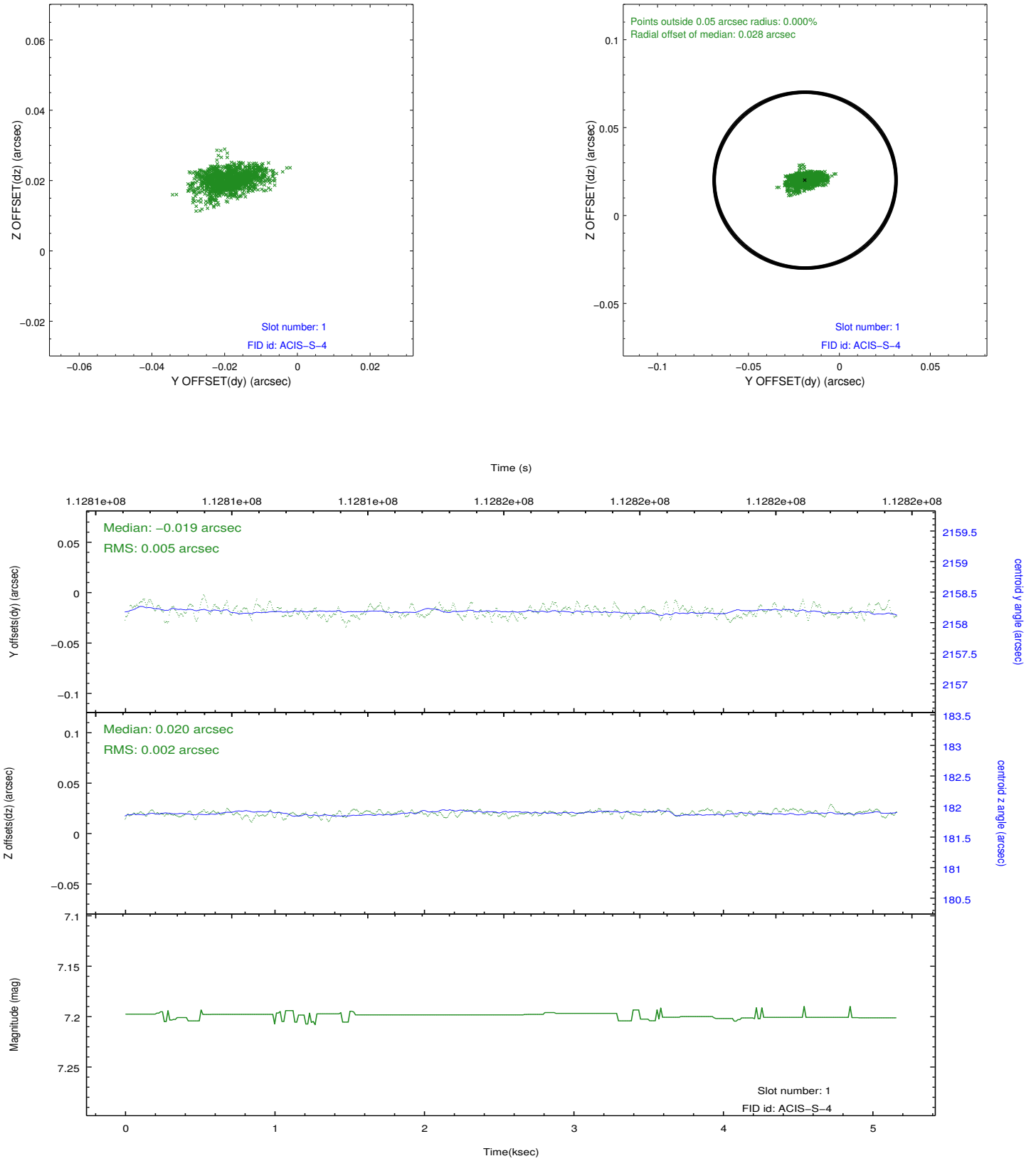


2.5 FID Slots

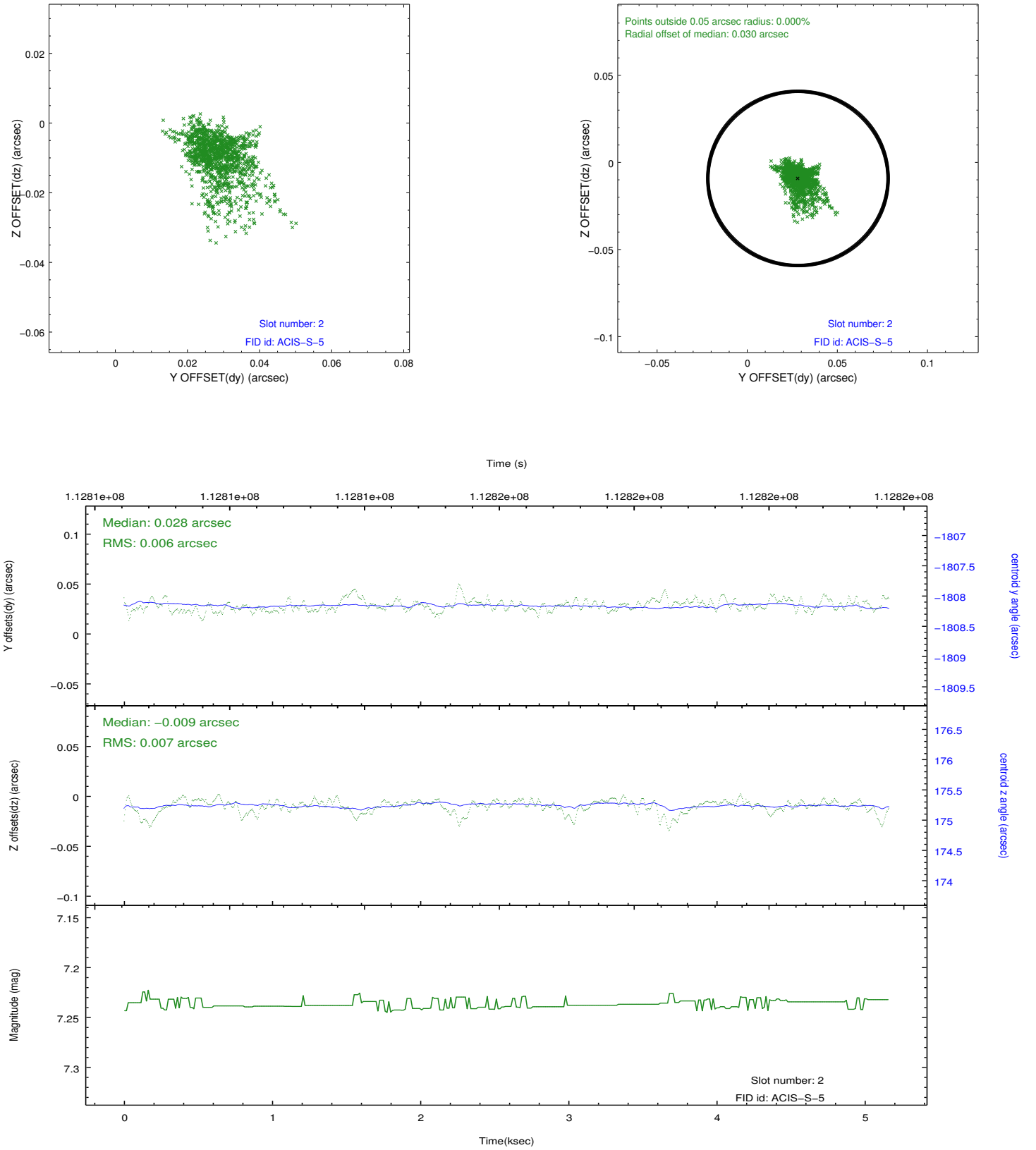
2.5.1 Slot 0



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)	2012.09.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.159

A.2 Comments