

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 1618 - L2 Version 3
Chandra X-Ray Center

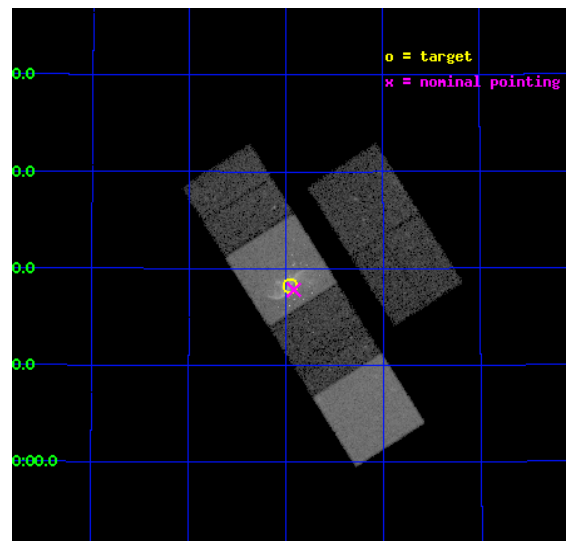
L2 Processing Date : Sep 17 2012

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1 Front

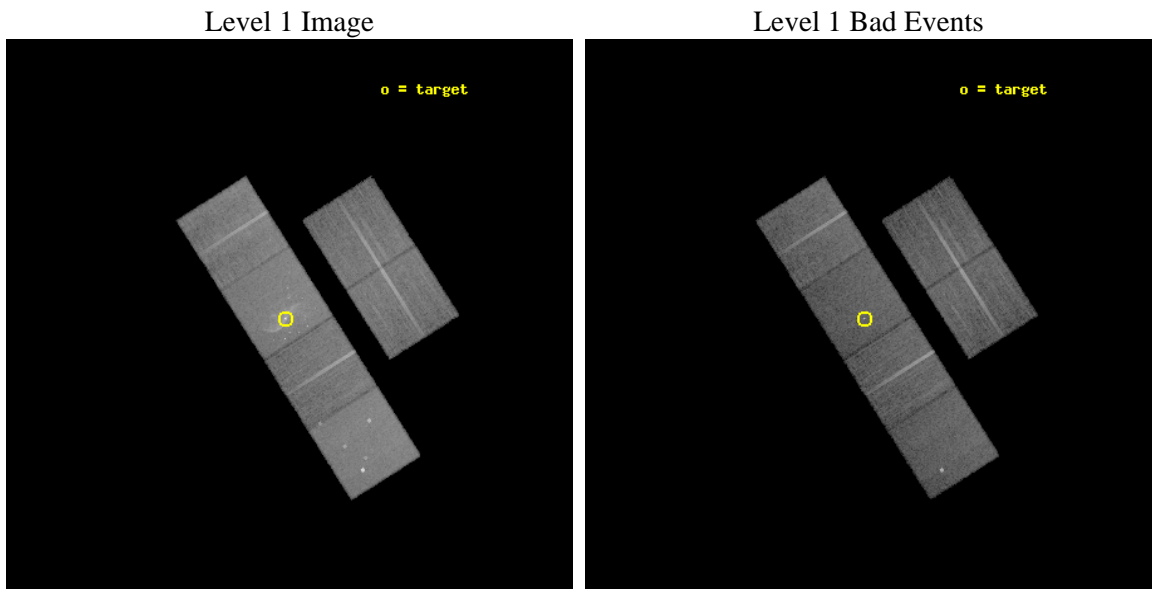
seq_num	700234	Sequence number
obs_id	1618	Observation id
title	STUDIES OF RADIO JETS AND THE NARROW LINE REGIONS OF ACTIVE GALAXIES	
observer	Professor Andrew Wilson	Principal investigator
object	NGC4258	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	184.739583	Observer's specified target RA [deg]
dec_targ	47.303944	Observer's specified target Dec [deg]
ra_nom	184.72980855972	Nominal RA [deg]
dec_nom	47.29675945896	Nominal Dec [deg]
roll_nom	237.60920664661	Nominal Roll [deg]
revision	3	Processing version of data
ontime	21209.559059486	Sum of GTIs [s]
livetime	20940.990851811	Livetime [s]
ontime2	21209.559059486	Sum of GTIs [s]
ontime3	21209.559059486	Sum of GTIs [s]
ontime5	21212.800019741	Sum of GTIs [s]
ontime6	21209.559079424	Sum of GTIs [s]
ontime7	21209.559059486	Sum of GTIs [s]
ontime8	21209.559089422	Sum of GTIs [s]
l2events	223839	Number of level 2 events



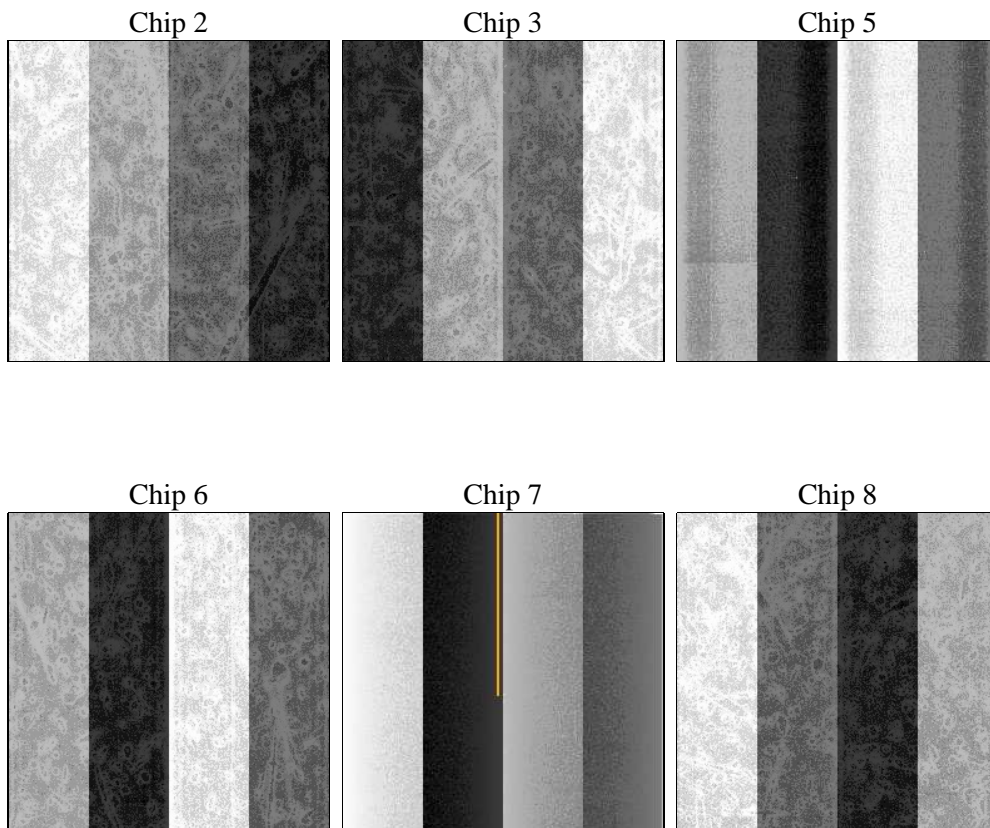
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	21260.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	21209.559059486	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime2	21209.559059486	Sum of GTIs [s]
date	2012-09-17T01:10:27	Date and time of file creation	ontime3	21209.559059486	Sum of GTIs [s]
revision	3	Processing version of data	ontime5	21212.800019741	Sum of GTIs [s]
			ontime6	21209.559079424	Sum of GTIs [s]
			ontime7	21209.559059486	Sum of GTIs [s]
			ontime8	21209.559089422	Sum of GTIs [s]
			l1events	931748	Number of level 1 events

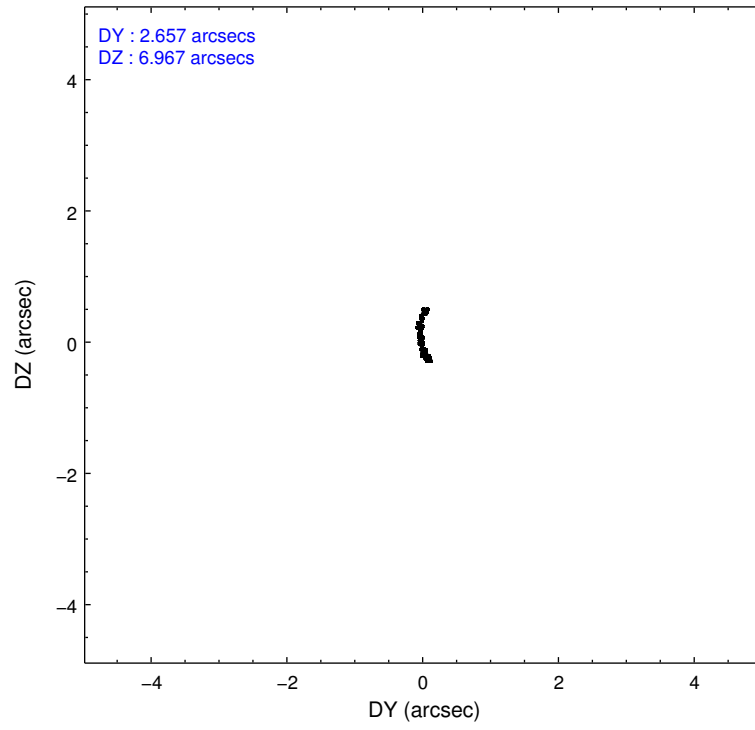
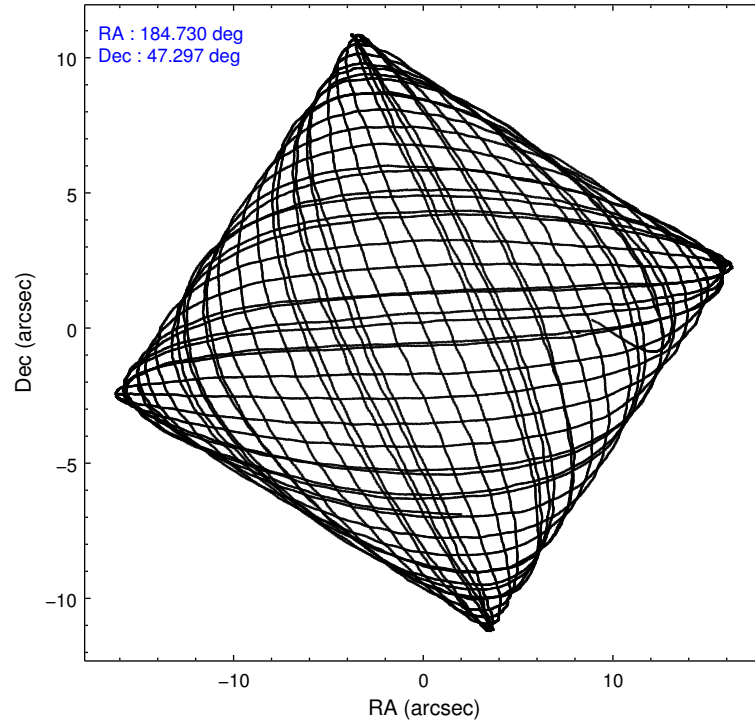
2.1.4 Events

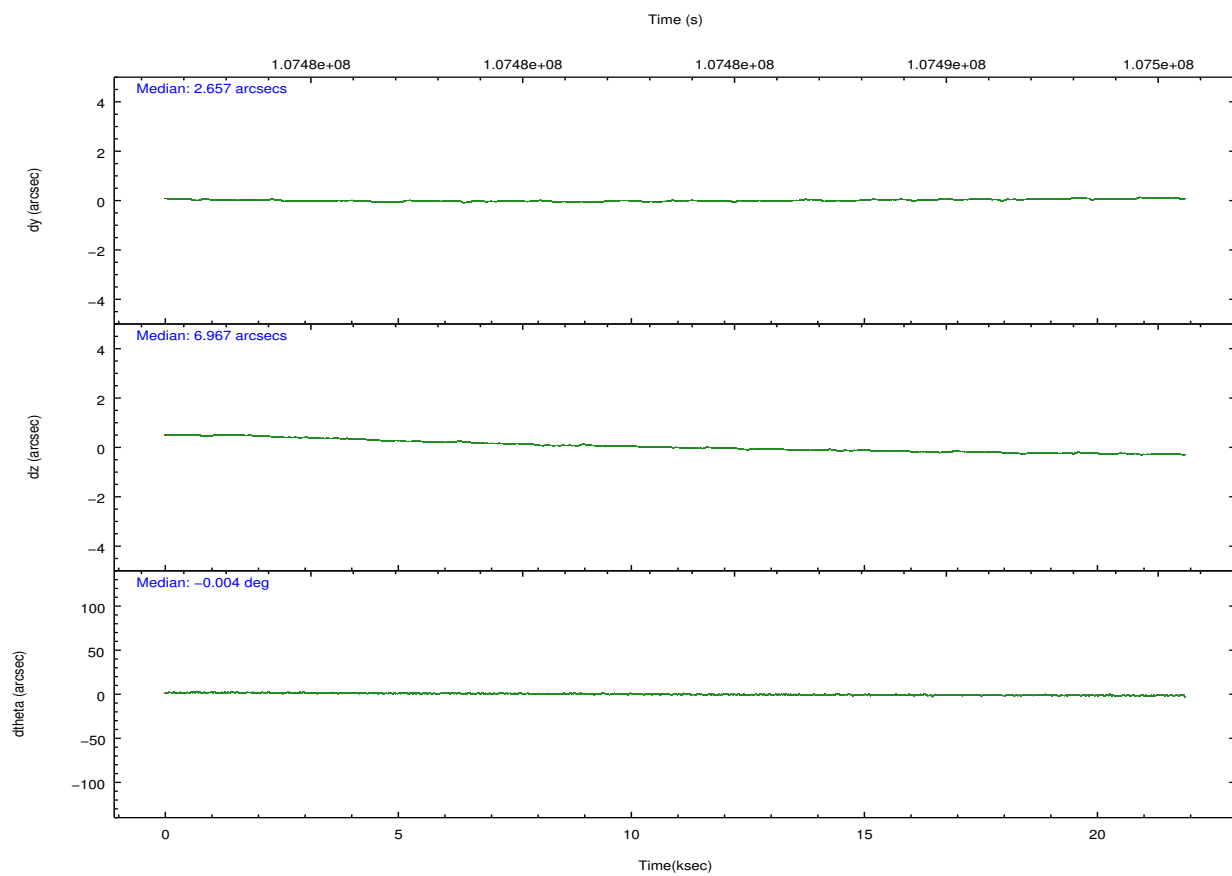
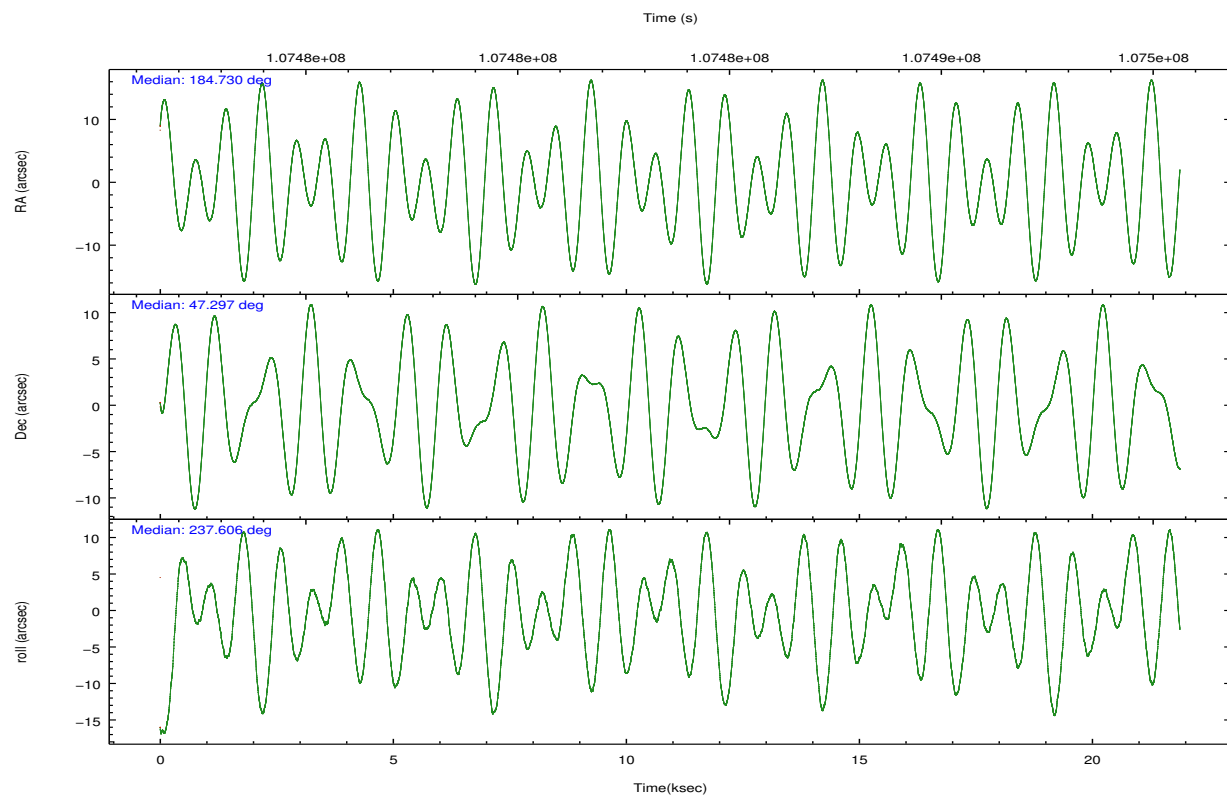
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	135542	125595	188019	130806	191233	160553	grade 0 events	6216	6509	11743	6208	15135	10672
rejected events	120807	110864	99931	115603	97521	127356		4%	5%	6%	4%	7%	6%
rejected %	89%	88%	53%	88%	50%	79%	grade 1 events	53	69	2182	50	183	72
								0%	0%	1%	0%	0%	0%
							grade 2 events	3251	2931	25682	3043	19963	7260
								2%	2%	13%	2%	10%	4%
							grade 3 events	1356	1349	3779	1481	9026	3373
								1%	1%	2%	1%	4%	2%
							grade 4 events	1345	1371	3690	1489	8967	3140
								0%	1%	1%	1%	4%	1%
							grade 5 events	4493	5039	13865	5460	16247	6934
								3%	4%	7%	4%	8%	4%
							grade 6 events	2569	2573	43221	2984	40650	8757
								1%	2%	22%	2%	21%	5%
							grade 7 events	116259	105754	83857	110091	81062	120345
								85%	84%	44%	84%	42%	74%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	184.731091	184.7298085597184	Subarray requested	NONE	NONE
[deg] Pointing Dec	47.324033	47.29675945896045	Alternating exposures requested	N	N
[deg] Pointing Roll	237.451636	237.609206646614	[s] Primary exposure time	0.000000	3.2
[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)	107473274.184000	107472104.00765			
Observation start date	2001-05-28T21:40:10	2001-05-28T21:21:44			
[s] Observation end time (MET)	107494534.184000	107494667.84603			
Observation end date	2001-05-29T03:34:30	2001-05-29T03:37:47			
Read mode	TIMED	TIMED			

2.3 Aspect



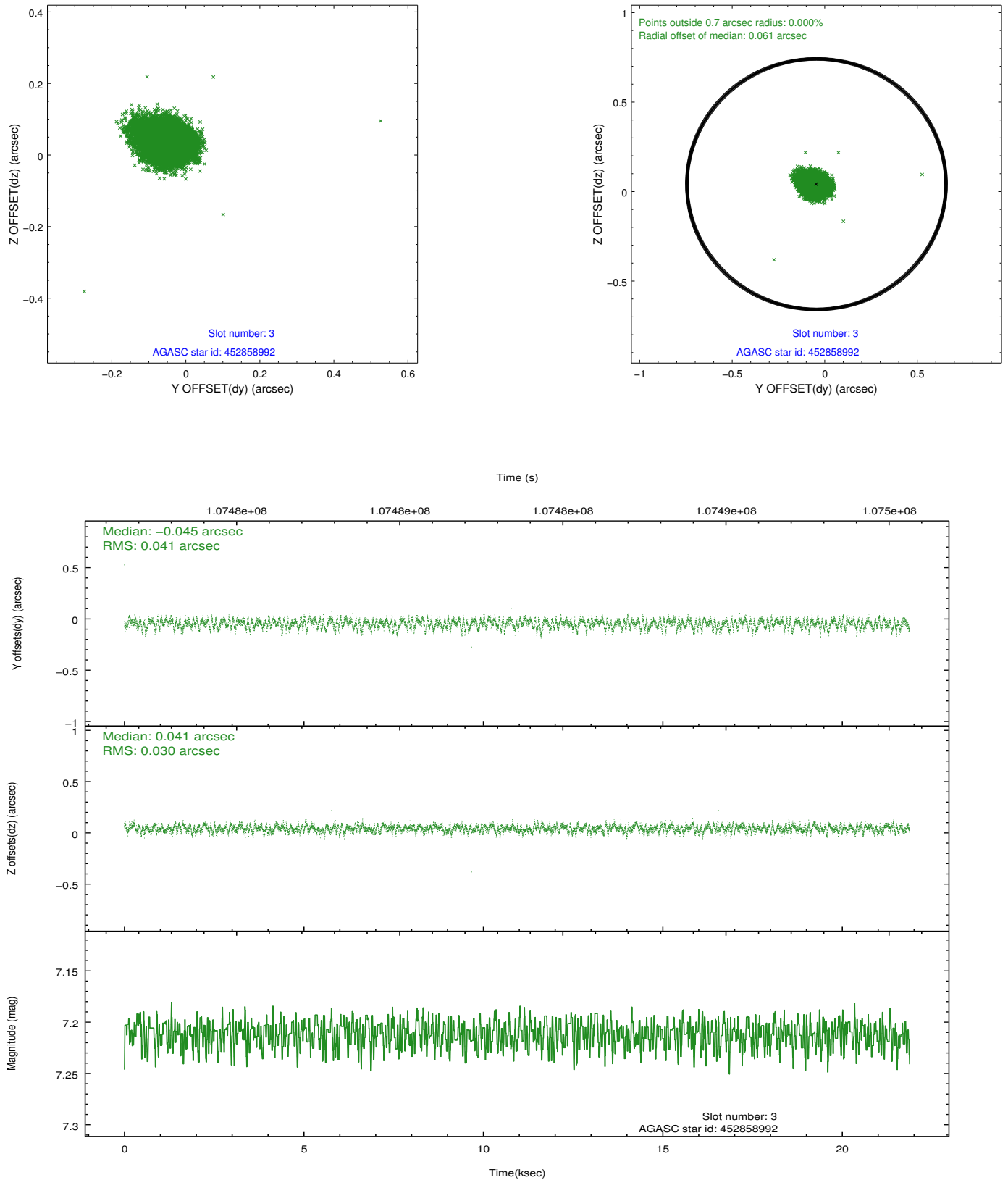


Slot Statistics

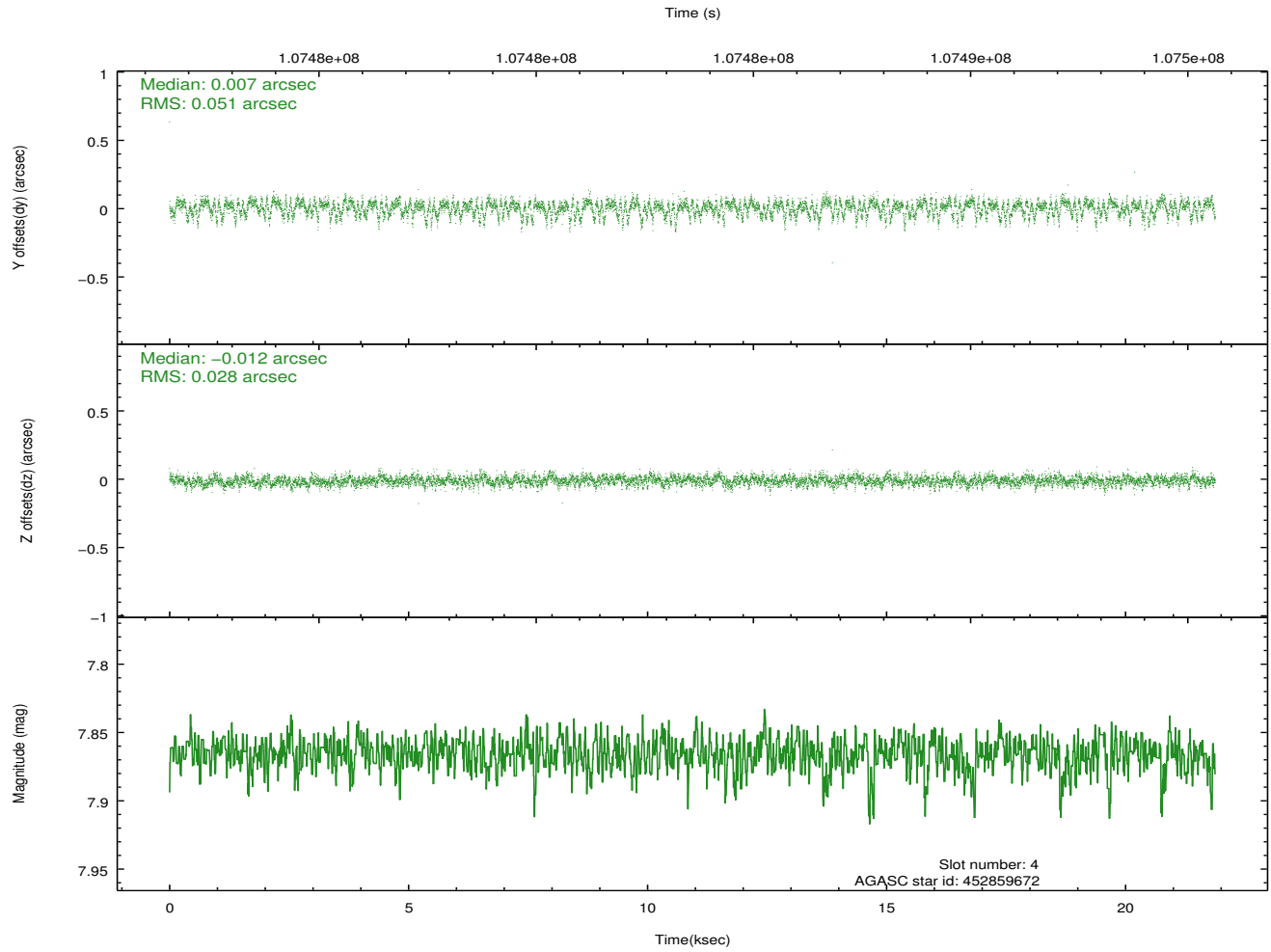
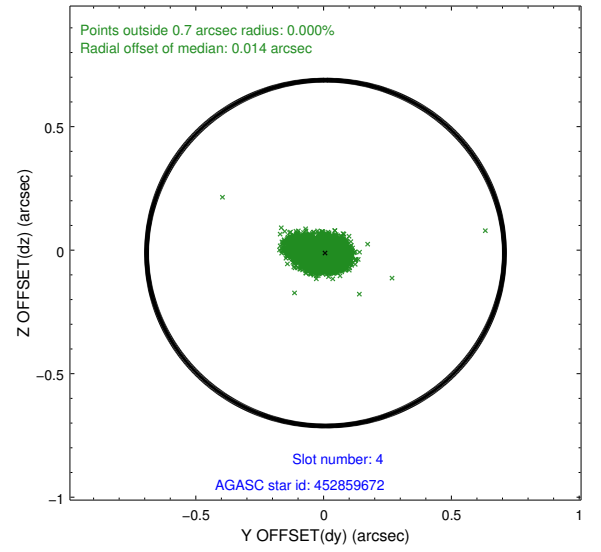
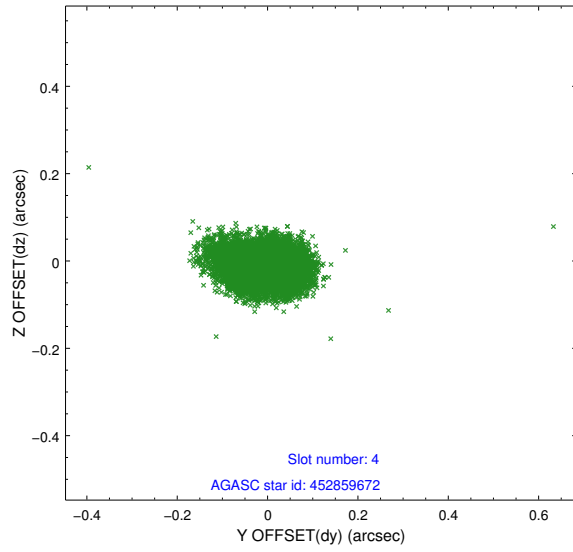
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	5337	-0.016	-0.006	0.009	0.014	0.000000	0.000000	-755.31	-1728.19
1	FID	ACIS-S-4	7.20	5334	-0.041	0.009	0.007	0.012	0.000000	0.000000	2157.86	180.16
2	FID	ACIS-S-5	7.24	5334	0.025	0.006	0.008	0.014	0.000000	0.000000	-1807.91	173.99
3	GUIDE	452858992	7.21	10668	-0.045	0.041	0.053	0.087	183.815161	47.115501	1829.01	-1494.10
4	GUIDE	452859672	7.87	10672	0.007	-0.012	0.060	0.105	183.661987	47.013592	2339.02	-1620.00
5	GUIDE	452858496	8.69	10671	0.219	-0.121	0.101	0.167	183.591783	47.048083	2324.35	-1831.99
6	GUIDE	452856552	8.65	10673	-0.187	0.056	0.066	0.106	184.964211	47.802867	-1757.00	-452.52
7	GUIDE	452859952	8.91	10671	0.006	0.037	0.063	0.104	183.979507	47.127047	1580.63	-1174.50

2.4 Star Slots

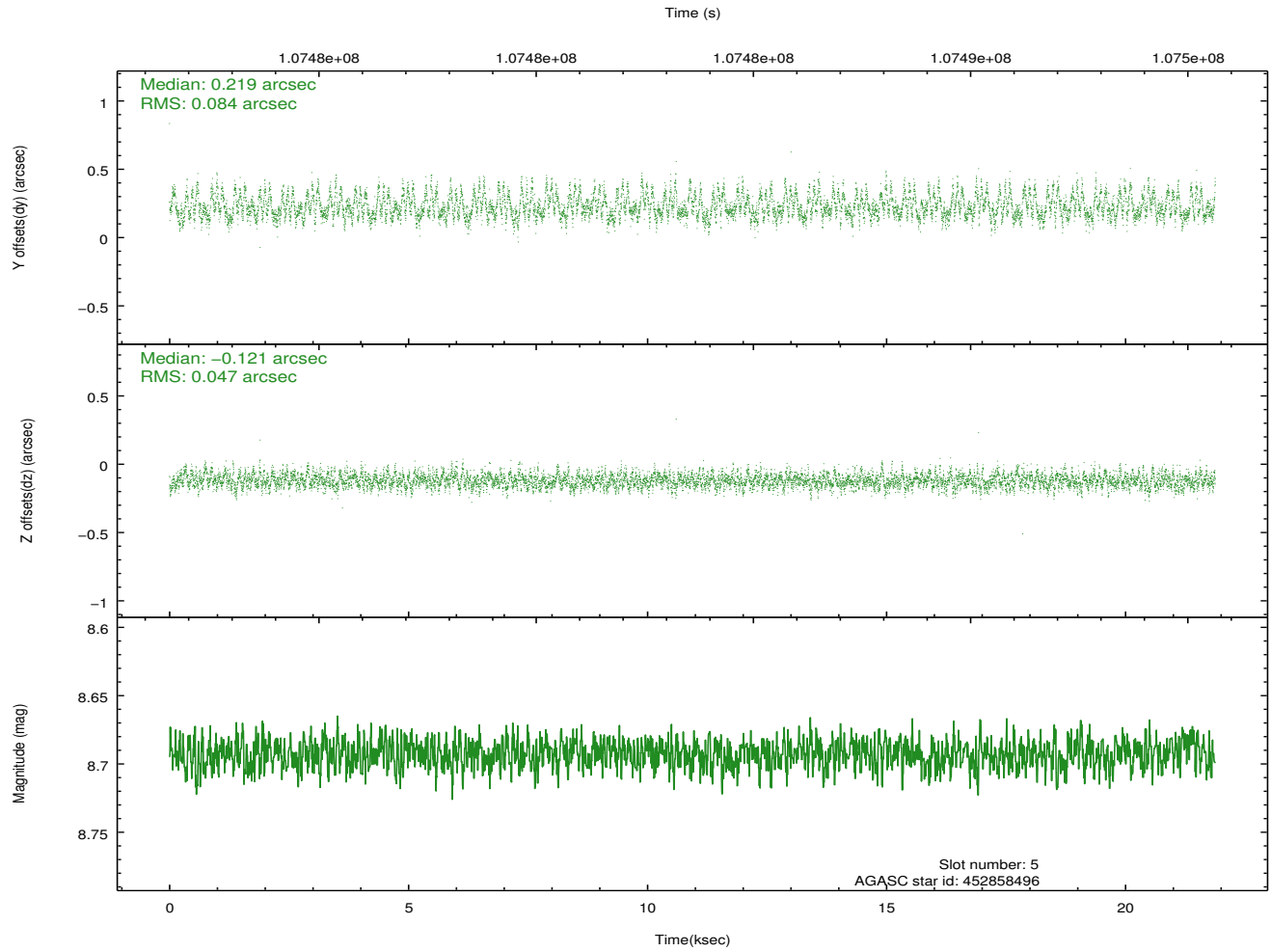
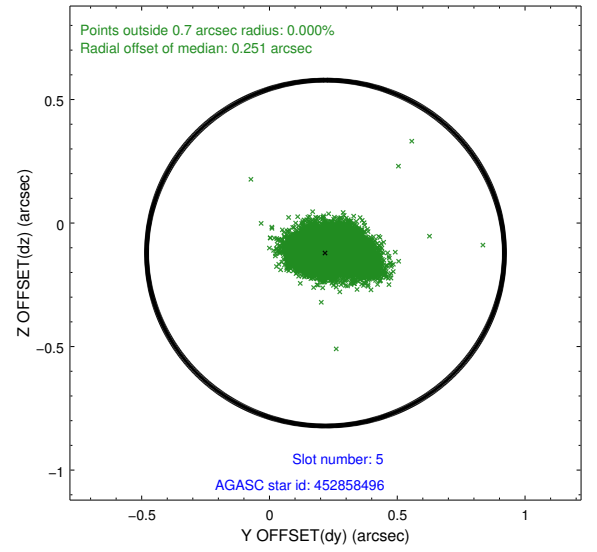
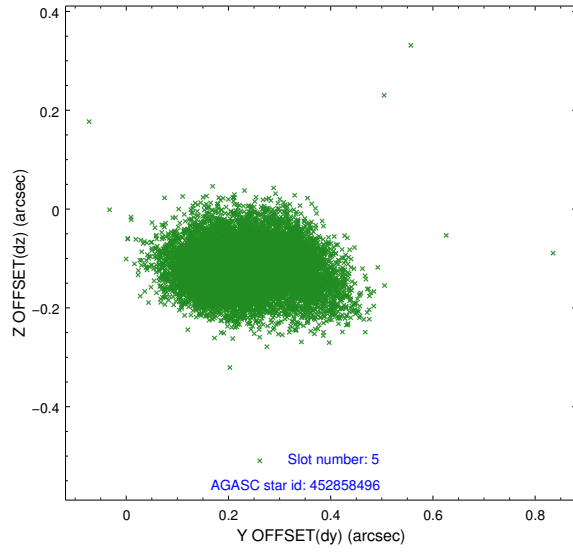
2.4.1 Slot 3



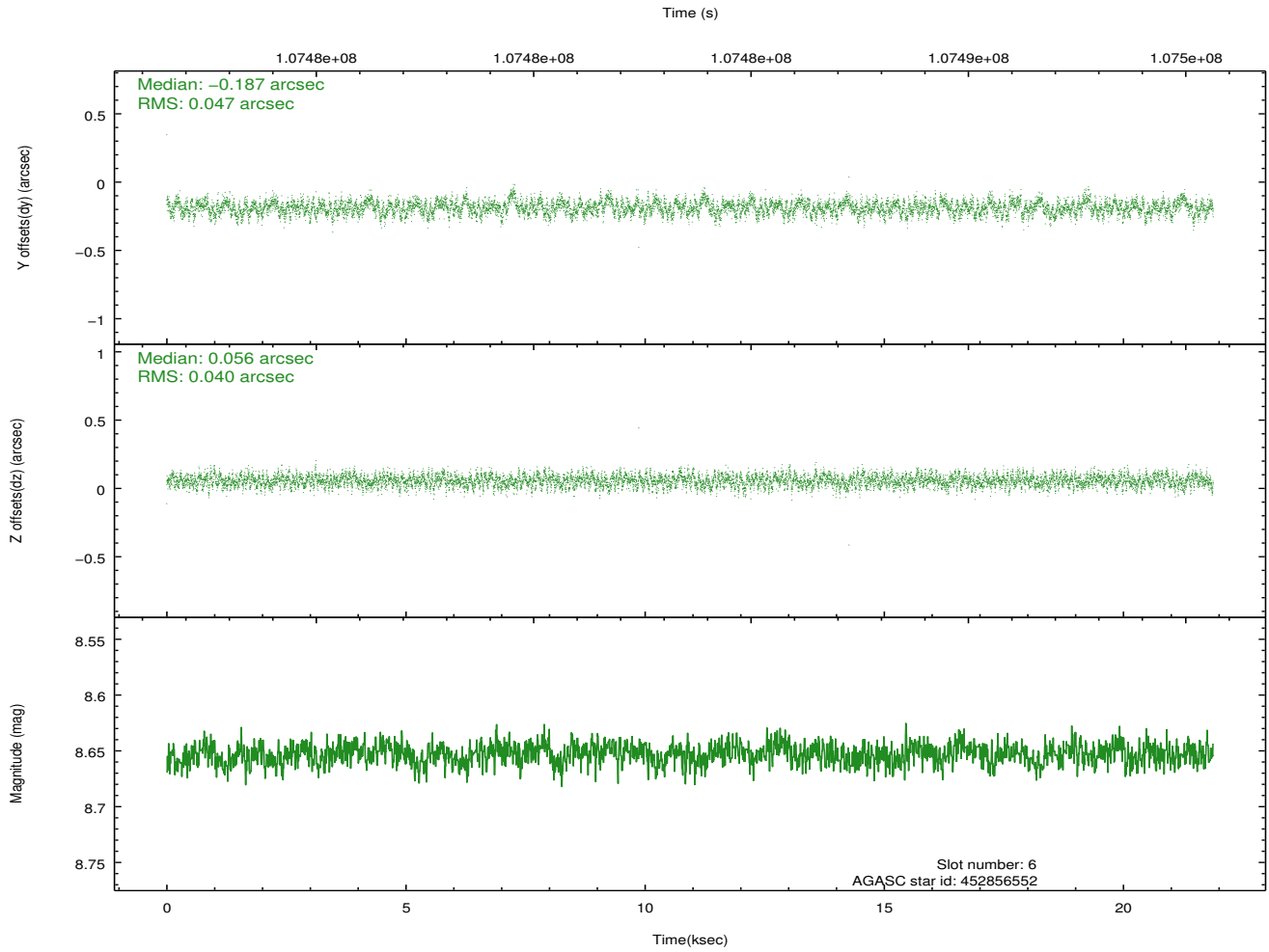
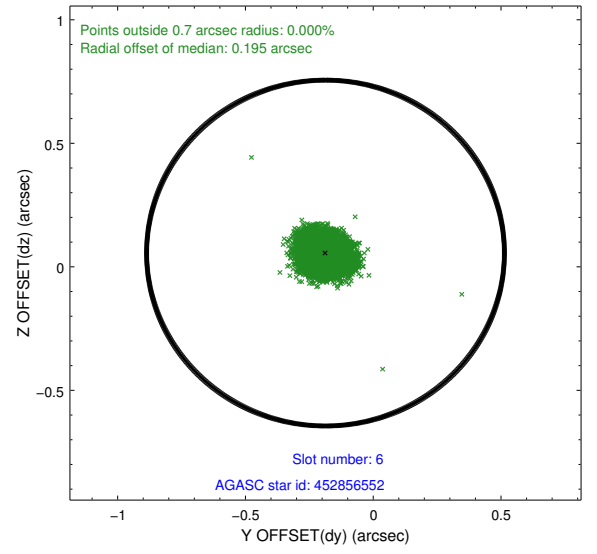
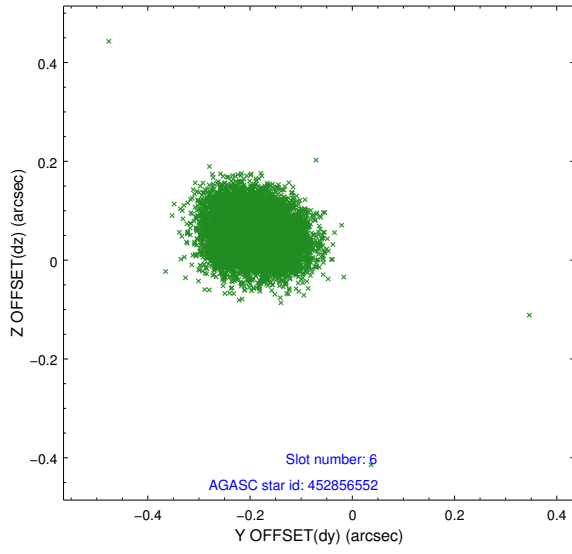
2.4.2 Slot 4



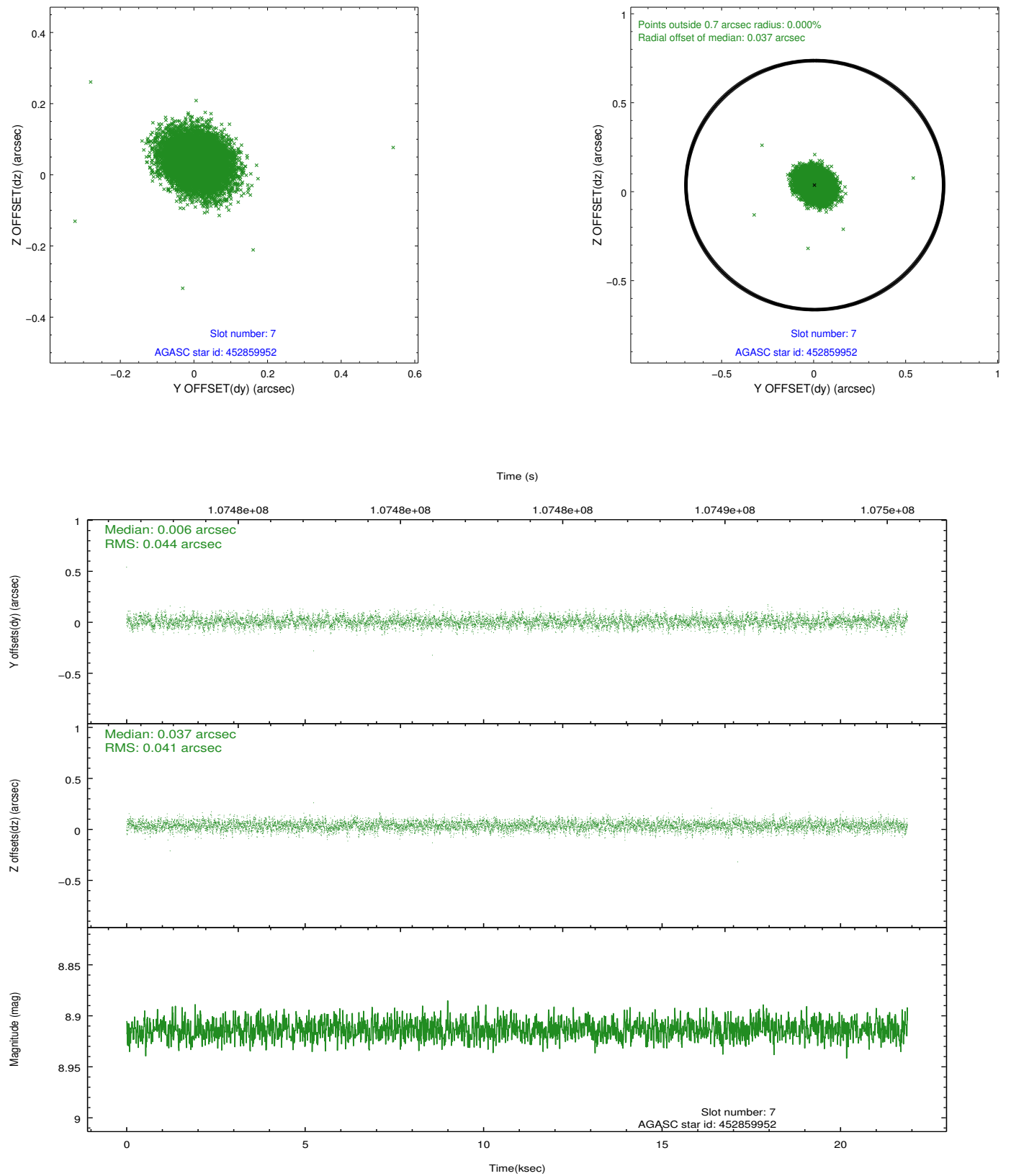
2.4.3 Slot 5



2.4.4 Slot 6

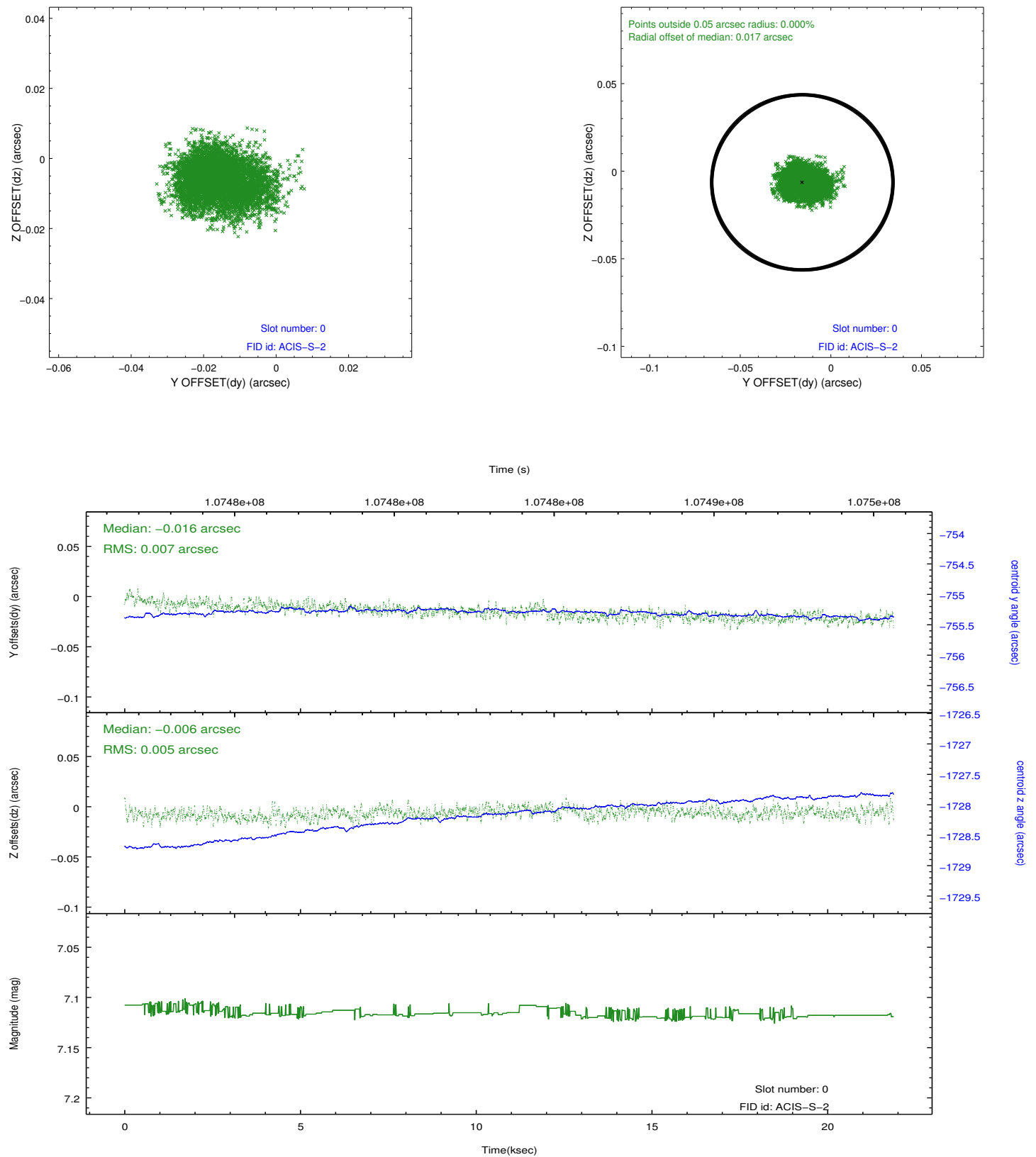


2.4.5 Slot 7

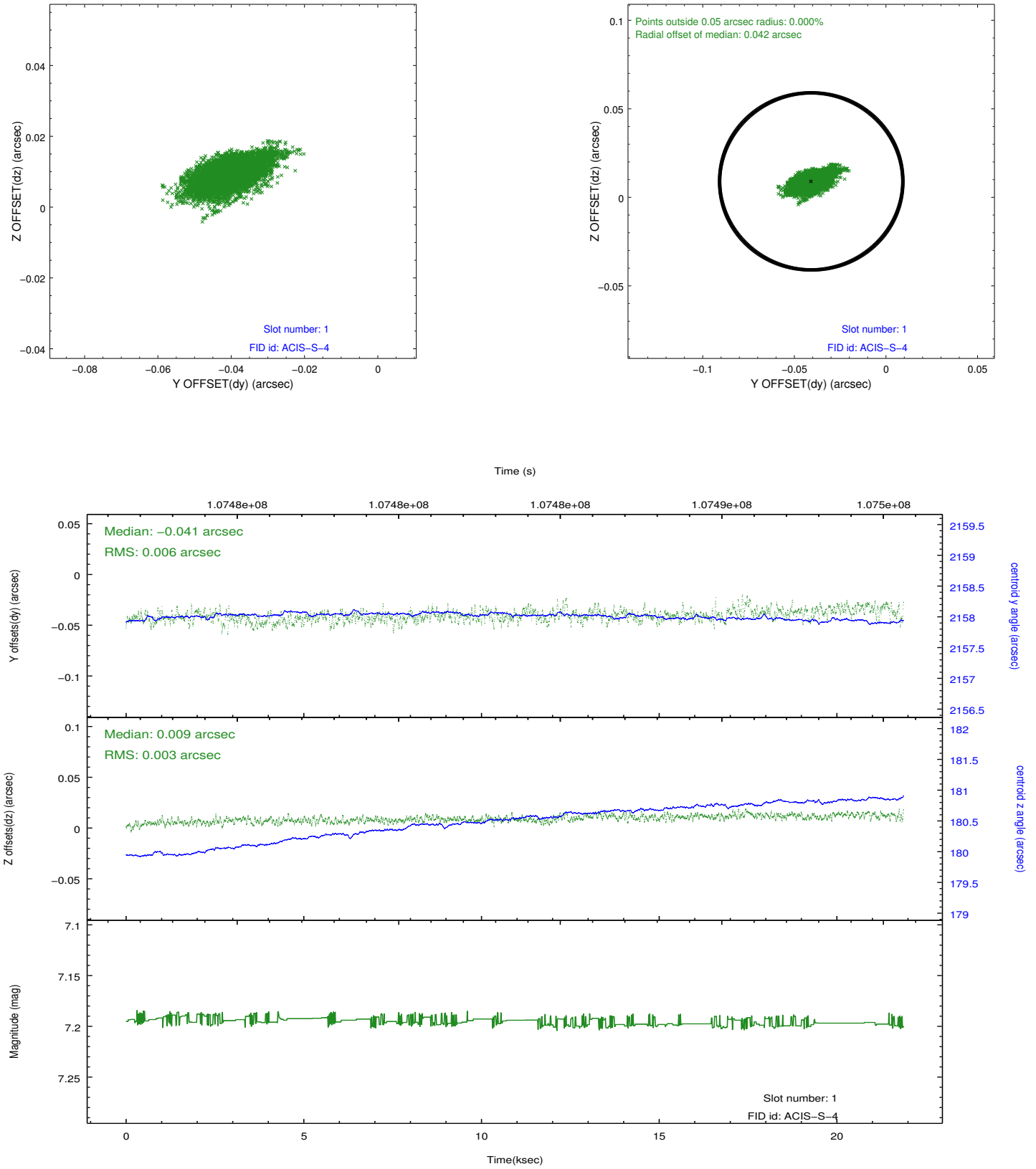


2.5 FID Slots

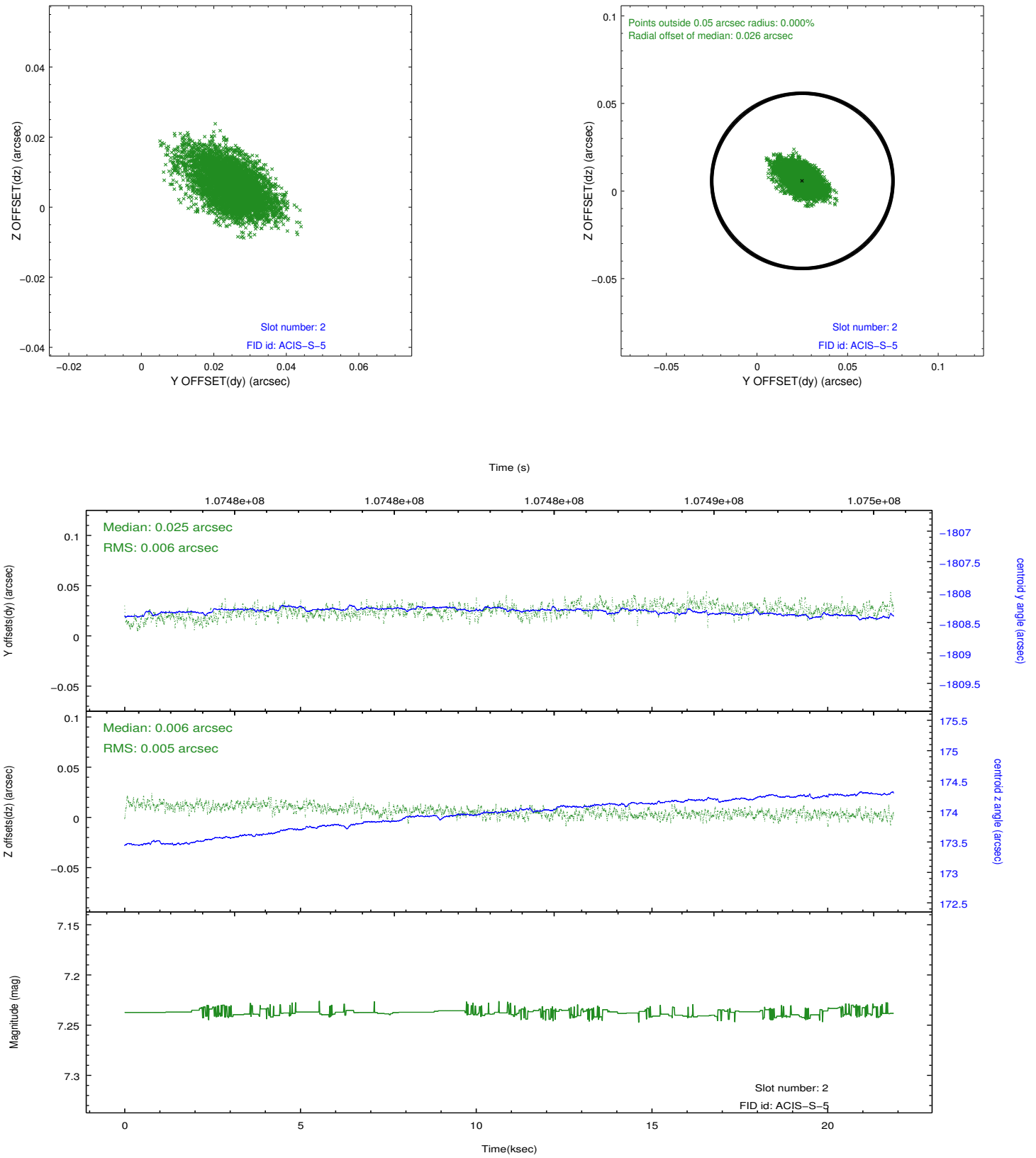
2.5.1 Slot 0



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)	2012.09.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	21.3

A.2 Comments

Charge time for this ObsId remains at previous value of 21.3 ks although with the current processing the charge time would have been 21.21 ksec.

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Observed back-to-back with obs2340 as requested.