

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8248 - L2 Version 2
Chandra X-Ray Center

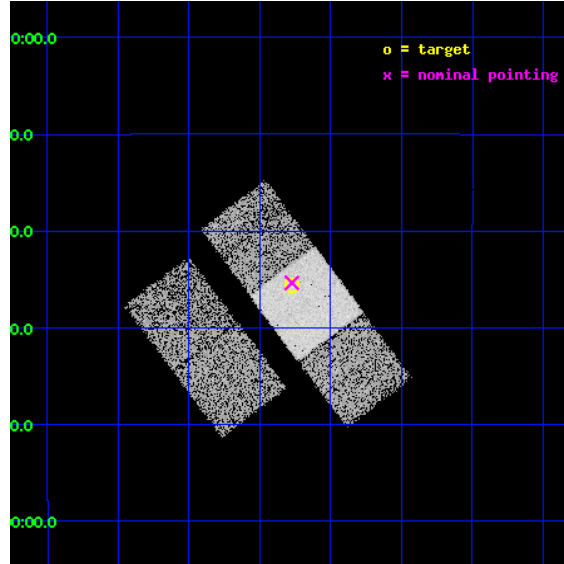
L2 Processing Date : May 2 2012

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1 Front

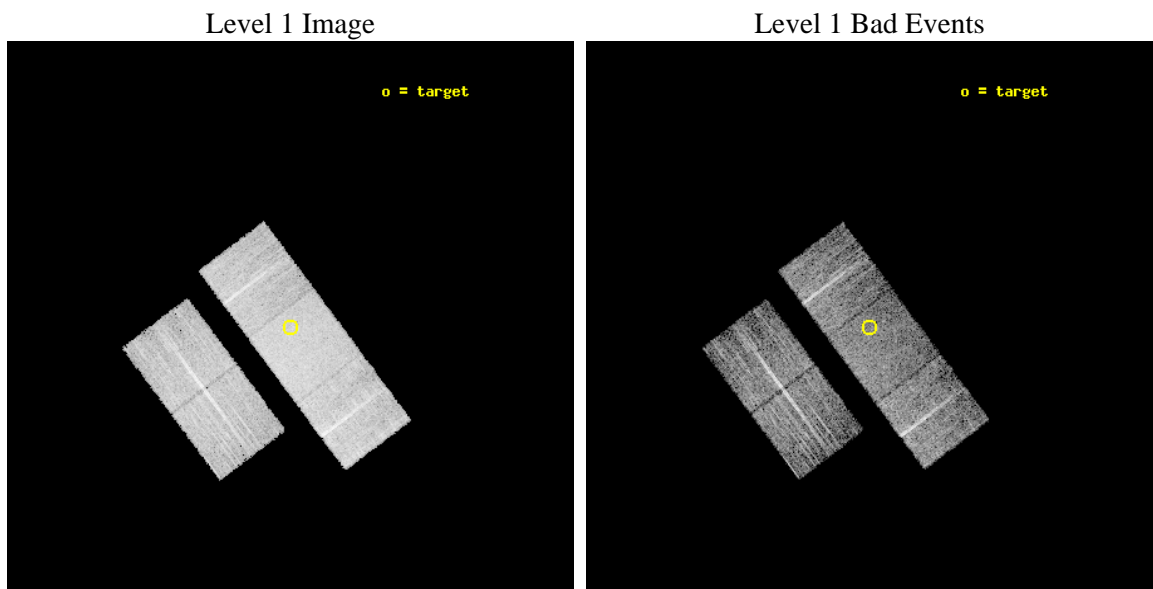
seq_num	701563	Sequence number
obs_id	8248	Observation id
title	A snapshot X-ray/radio survey of AGNs selected from the long menu of SDSS galaxies	Proposal title
observer	Dr. Sebastian Heinz	Principal investigator
object	SDSS J014116-092420	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	25.318083	Observer's specified target RA [deg]
dec_targ	-8.5942	Observer's specified target Dec [deg]
ra_nom	25.318433480972	Nominal RA [deg]
dec_nom	-8.5893552964807	Nominal Dec [deg]
roll_nom	53.219893142247	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5177.0000398159	Sum of GTIs [s]
livetime	5109.3587230437	Livetime [s]
ontime2	5177.0000398159	Sum of GTIs [s]
ontime3	5177.0000398159	Sum of GTIs [s]
ontime6	5177.0000398159	Sum of GTIs [s]
ontime7	5177.0000398159	Sum of GTIs [s]
ontime8	5173.8590495586	Sum of GTIs [s]
l2events	49223	Number of level 2 events



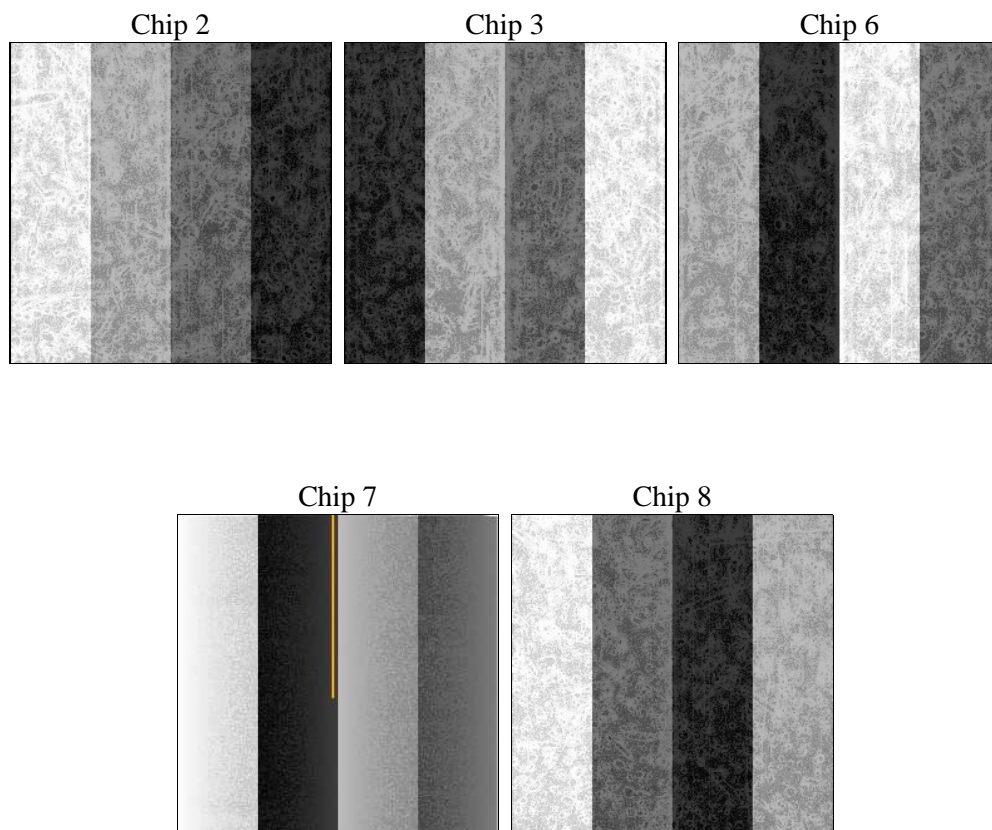
2 OBI

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	8.4.4	Processing system revision	ontime	5177.0000398159	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	5177.0000398159	Sum of GTIs [s]
date	2012-05-02T08:59:25	Date and time of file creation	ontime3	5177.0000398159	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	5177.0000398159	Sum of GTIs [s]
			ontime7	5177.0000398159	Sum of GTIs [s]
			ontime8	5173.8590495586	Sum of GTIs [s]
			l1events	330014	Number of level 1 events

2.1.4 Events

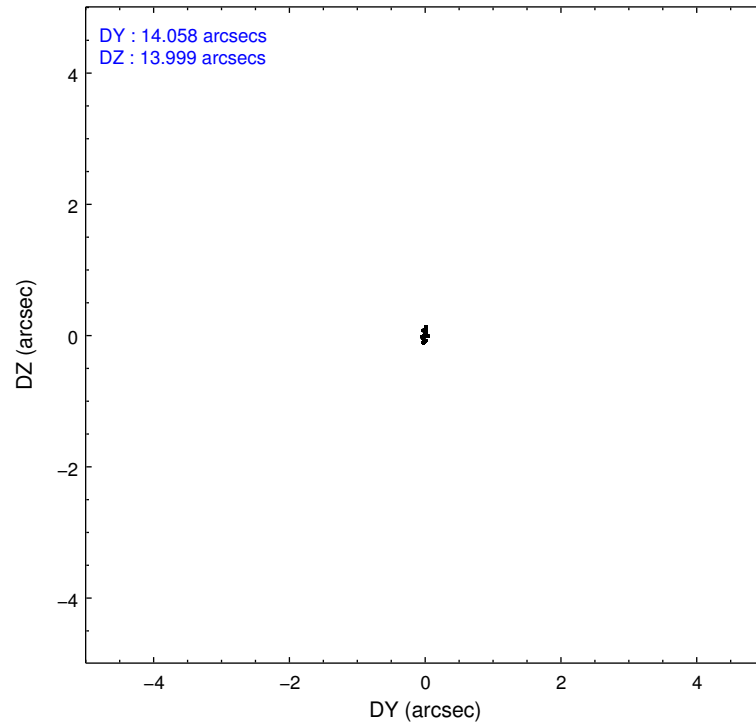
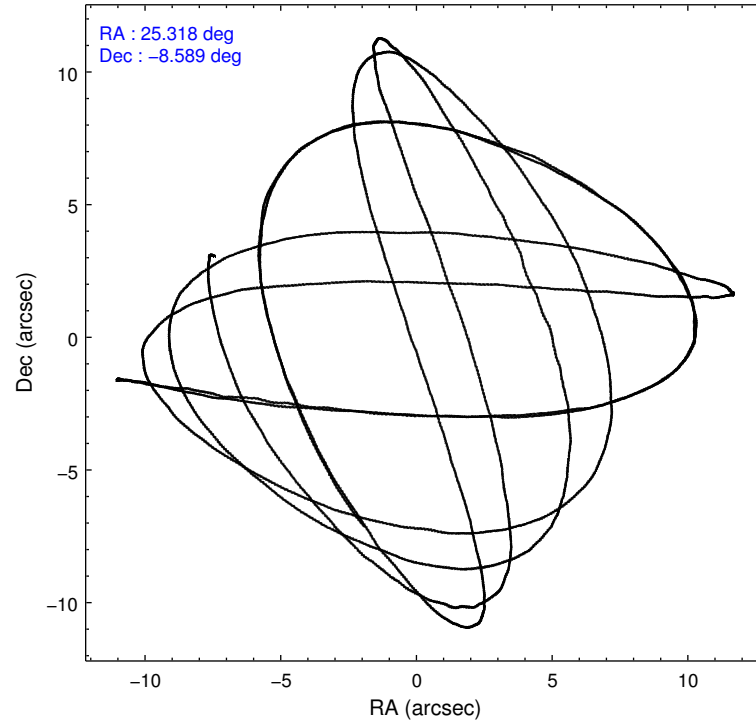
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	57505	57161	59373	81440	74535
rejected events	51732	51192	53286	52920	60242
rejected %	89%	89%	89%	64%	80%

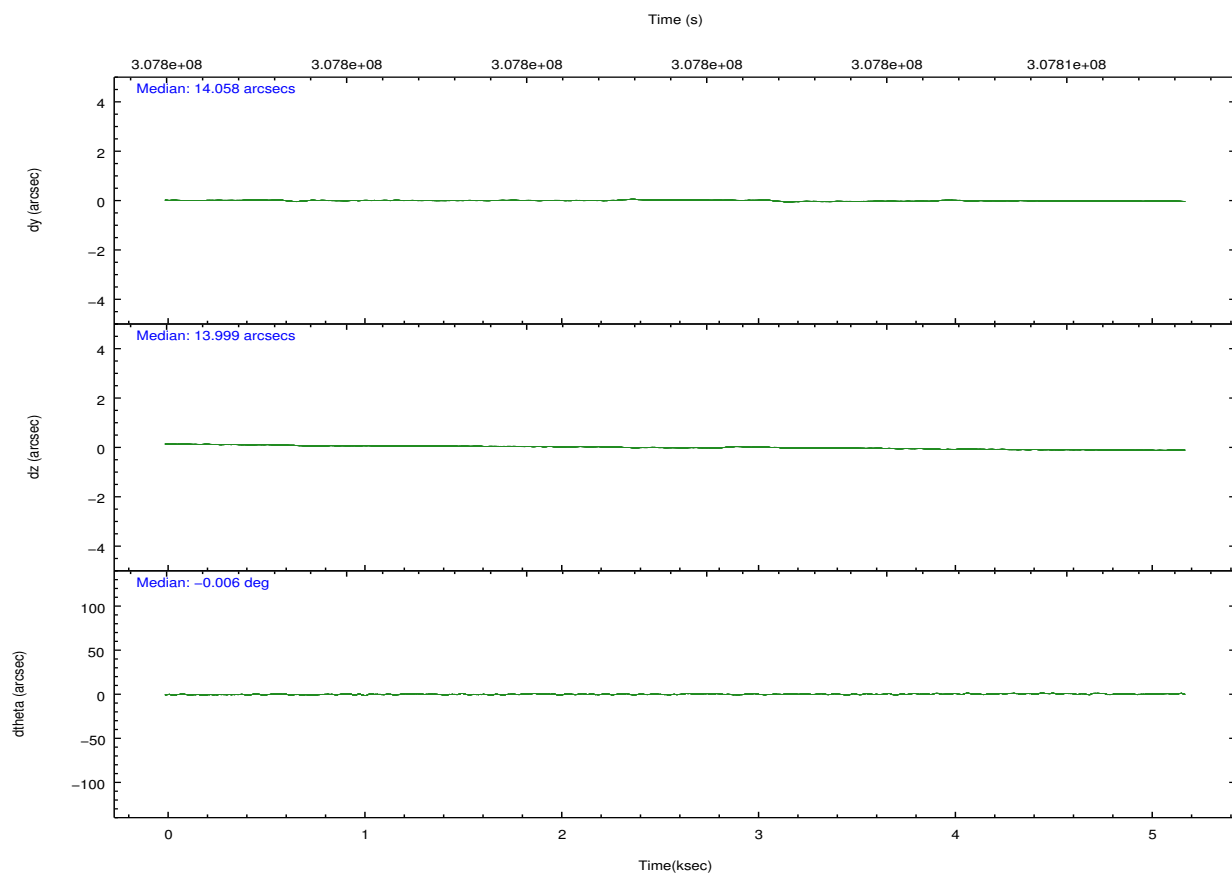
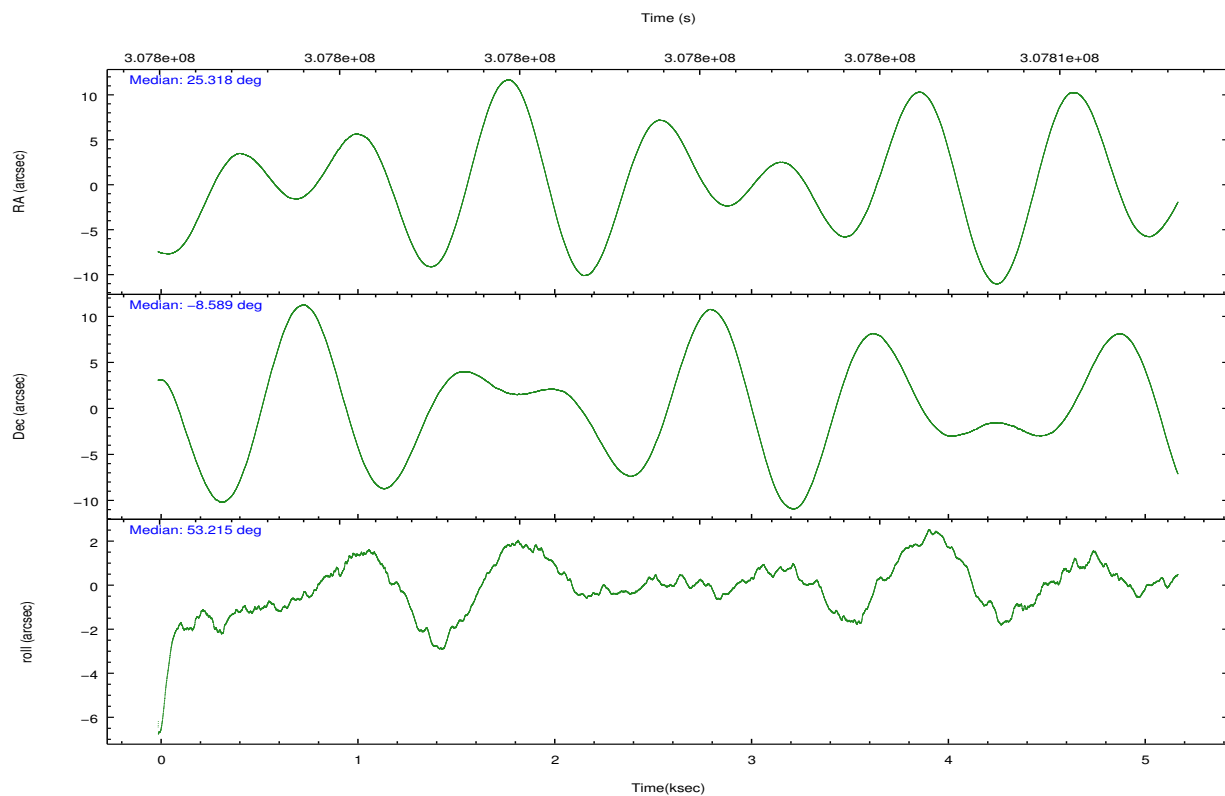
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	2842	3028	2709	2965	5237
	4%	5%	4%	3%	7%
grade 1 events	52	31	30	87	53
	0%	0%	0%	0%	0%
grade 2 events	1398	1320	1532	6808	3943
	2%	2%	2%	8%	5%
grade 3 events	608	686	711	2946	1663
	1%	1%	1%	3%	2%
grade 4 events	662	637	678	2774	1618
	1%	1%	1%	3%	2%
grade 5 events	2207	2602	2791	7685	3659
	3%	4%	4%	9%	4%
grade 6 events	1131	1180	1463	18089	4384
	1%	2%	2%	22%	5%
grade 7 events	48605	47677	49459	40086	53978
	84%	83%	83%	49%	72%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-23678	ACIS-23678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	CCD I0 on	N	N
Observation mode	POINTING	POINTING	CCD I1 on	N	N
[deg] Pointing RA	25.315634	25.31843348097192	CCD I2 on	O1	Y
[deg] Pointing Dec	-8.616566	-8.589355296480692	CCD I3 on	O2	Y
[deg] Pointing Roll	53.062844	53.21989314224658	CCD S0 on	N	N
[mm] SIM focus pos	-0.684267	-0.6828225247311905	CCD S1 on	N	N
[mm] SIM defocus	0	0.001444936568705701	CCD S2 on	O4	Y
[mm] SIM translation stage pos	-190.132523	-190.1400660498719	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.00754346686406393	CCD S4 on	O3	Y
[s] Observation start time (MET)	307801414.184000	307799959.89196	CCD S5 on	N	N
Observation start date	2007-10-03T12:22:29	2007-10-03T11:59:19	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	307806414.184000	307806968.8423	On-chip summing requested	N	N
Observation end date	2007-10-03T13:45:49	2007-10-03T13:56:08	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.1

2.3 Aspect



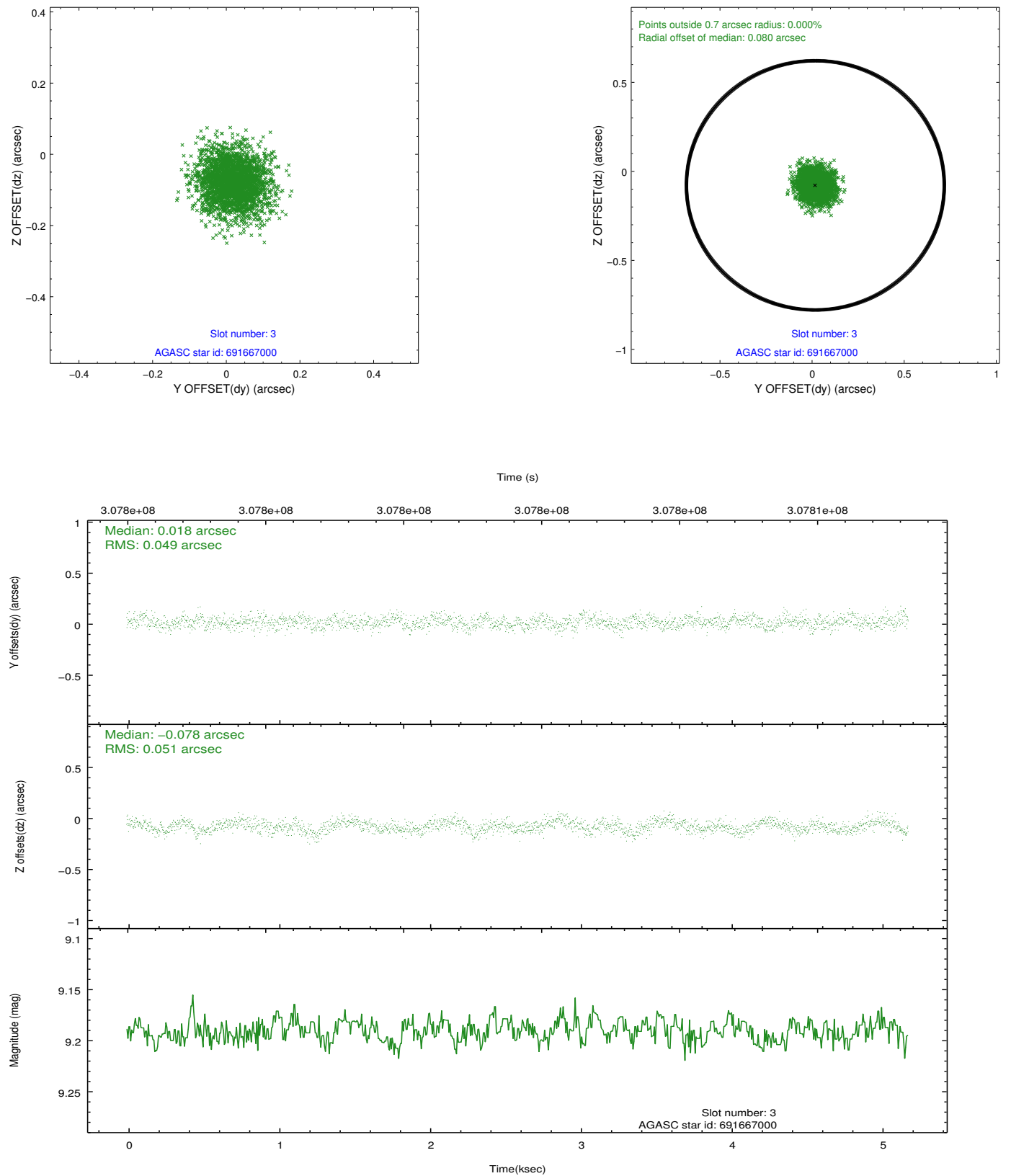


Slot Statistics

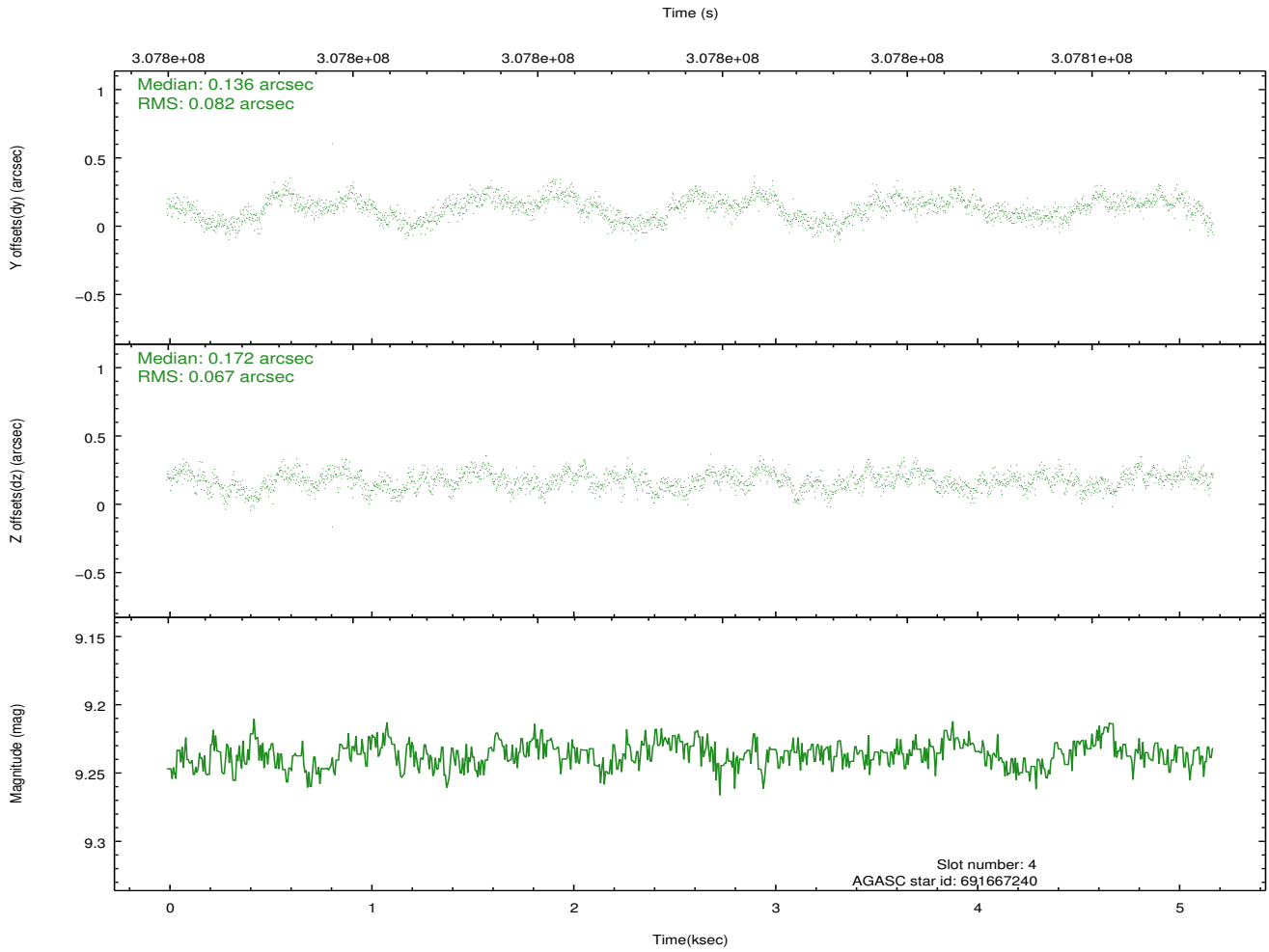
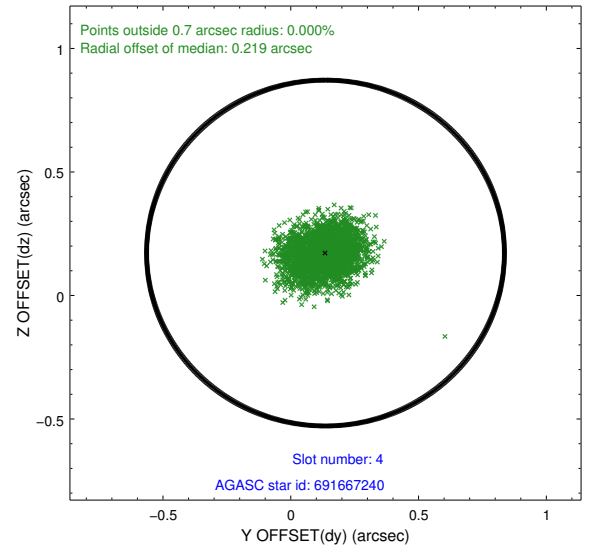
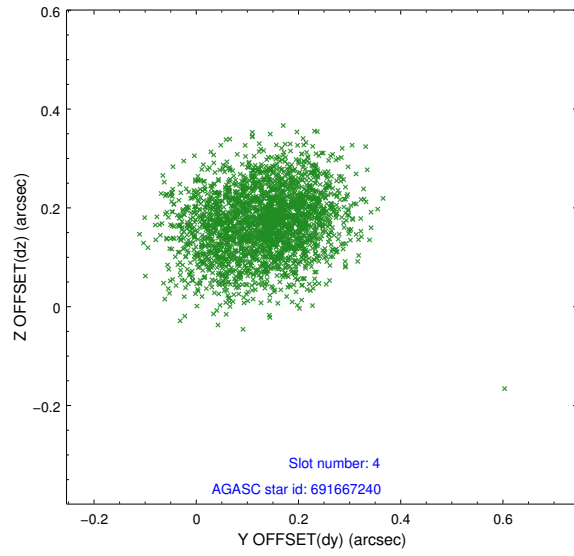
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	1264	0.072	-0.020	0.007	0.012	0.000000	0.000000	929.11	-1731.00
1	FID	ACIS-S-5	7.22	1264	-0.153	0.047	0.007	0.012	0.000000	0.000000	-1819.46	165.41
2	FID	ACIS-S-6	7.33	1264	0.059	-0.015	0.007	0.012	0.000000	0.000000	393.38	810.63
3	GUIDE	691667000	9.19	2527	0.018	-0.078	0.074	0.123	25.626920	-8.125452	2079.78	175.38
4	GUIDE	691667240	9.24	2527	0.136	0.172	0.113	0.181	25.322847	-9.371752	-2156.28	-1654.32
5	GUIDE	691670416	6.84	2528	-0.041	0.039	0.063	0.101	25.633347	-8.659497	555.48	-997.78
6	GUIDE	691679104	8.29	2529	-0.133	-0.222	0.065	0.101	24.652540	-8.509478	-1112.06	2116.69
7	GUIDE	691677320	7.91	2528	0.028	0.093	0.073	0.108	25.069396	-9.242876	-2328.52	-655.24

2.4 Star Slots

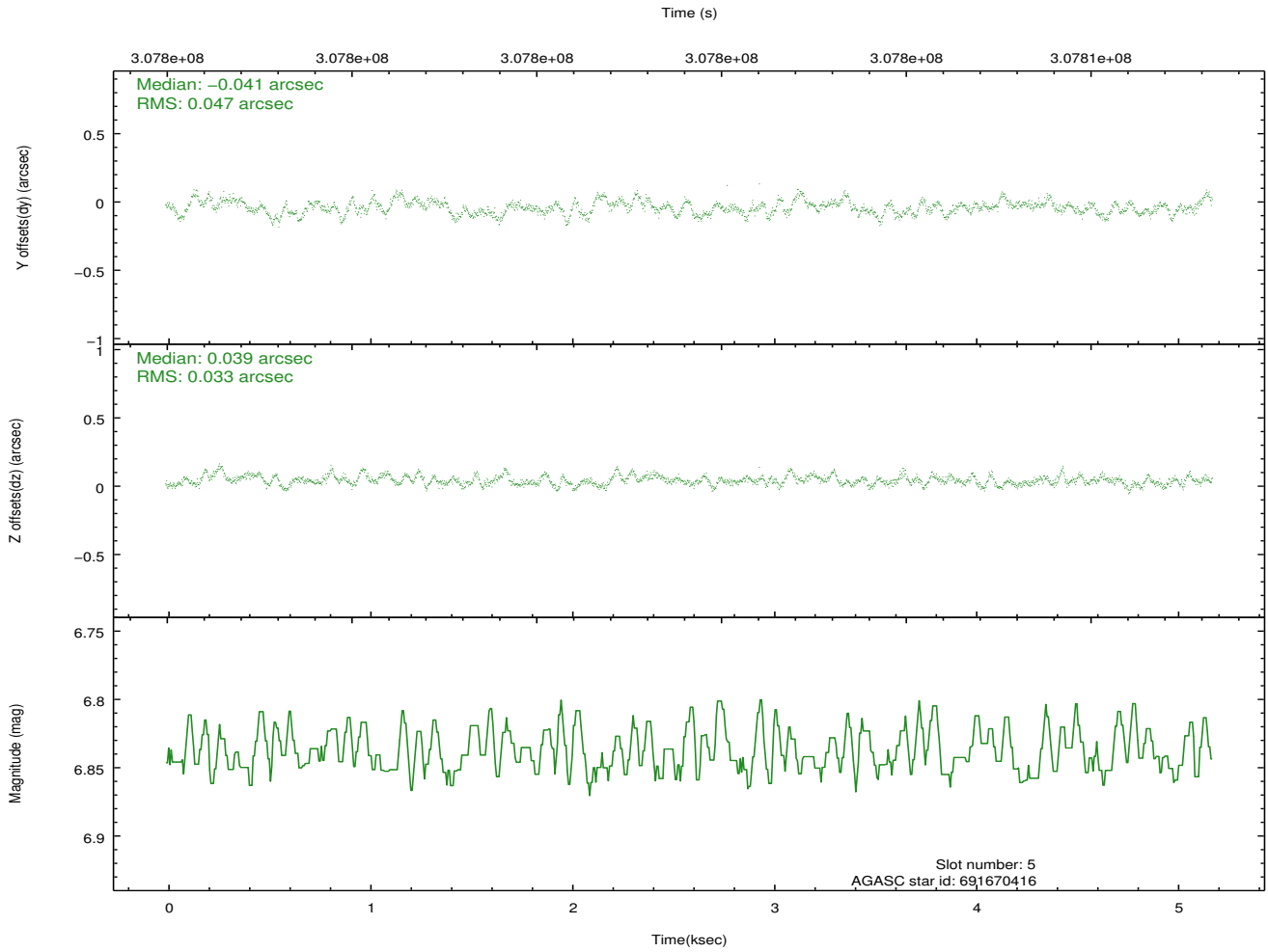
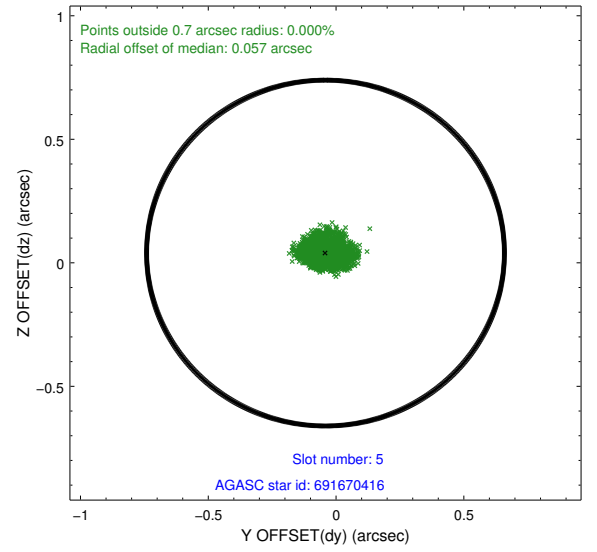
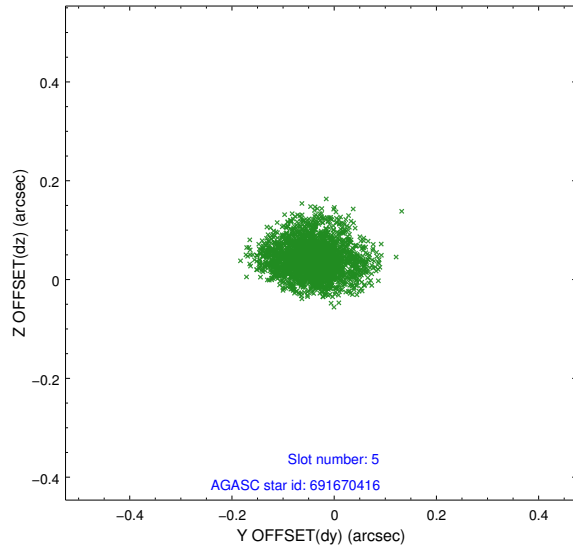
2.4.1 Slot 3



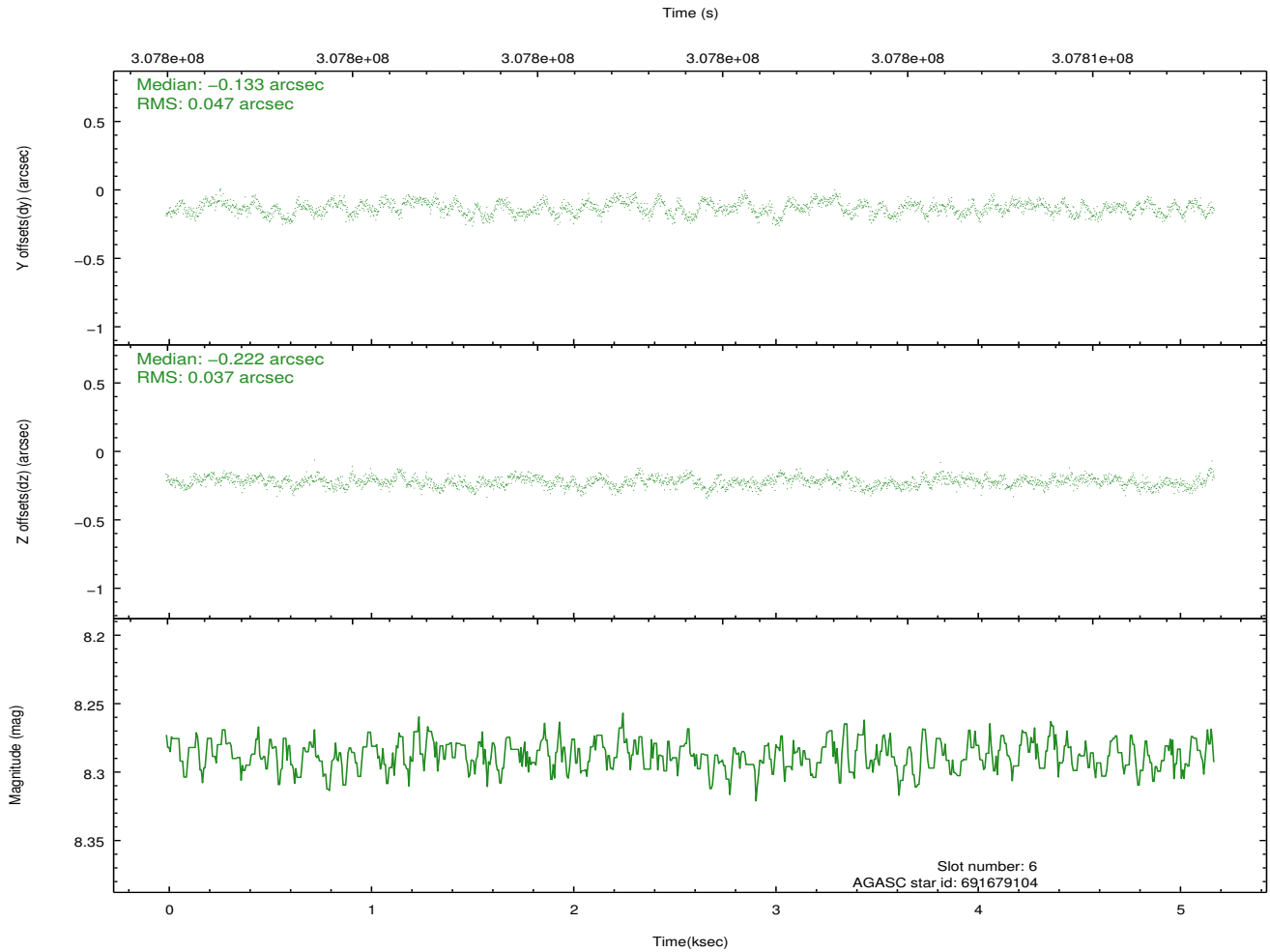
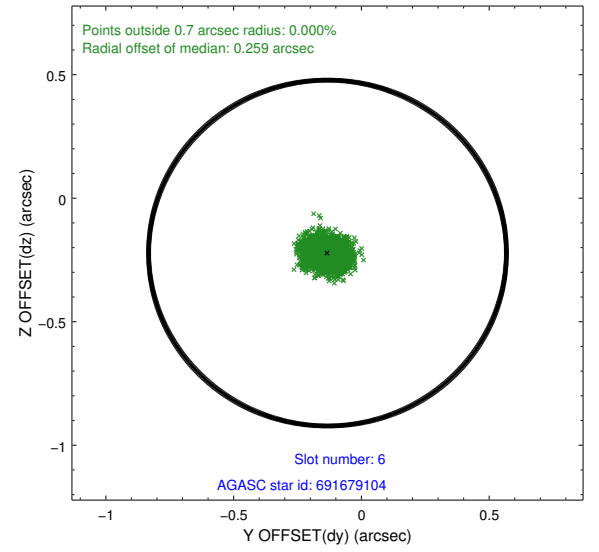
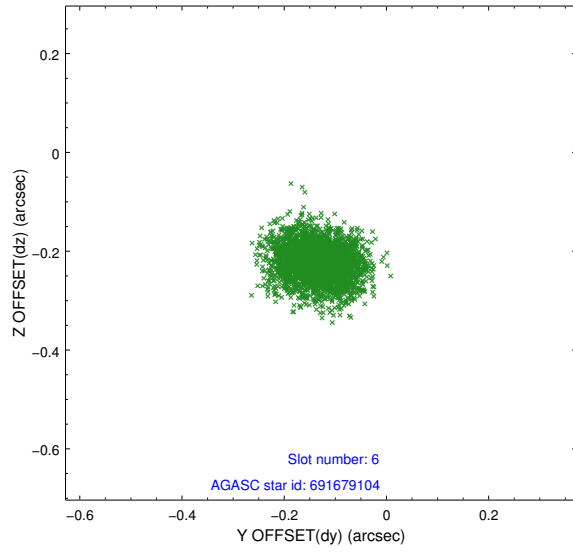
2.4.2 Slot 4



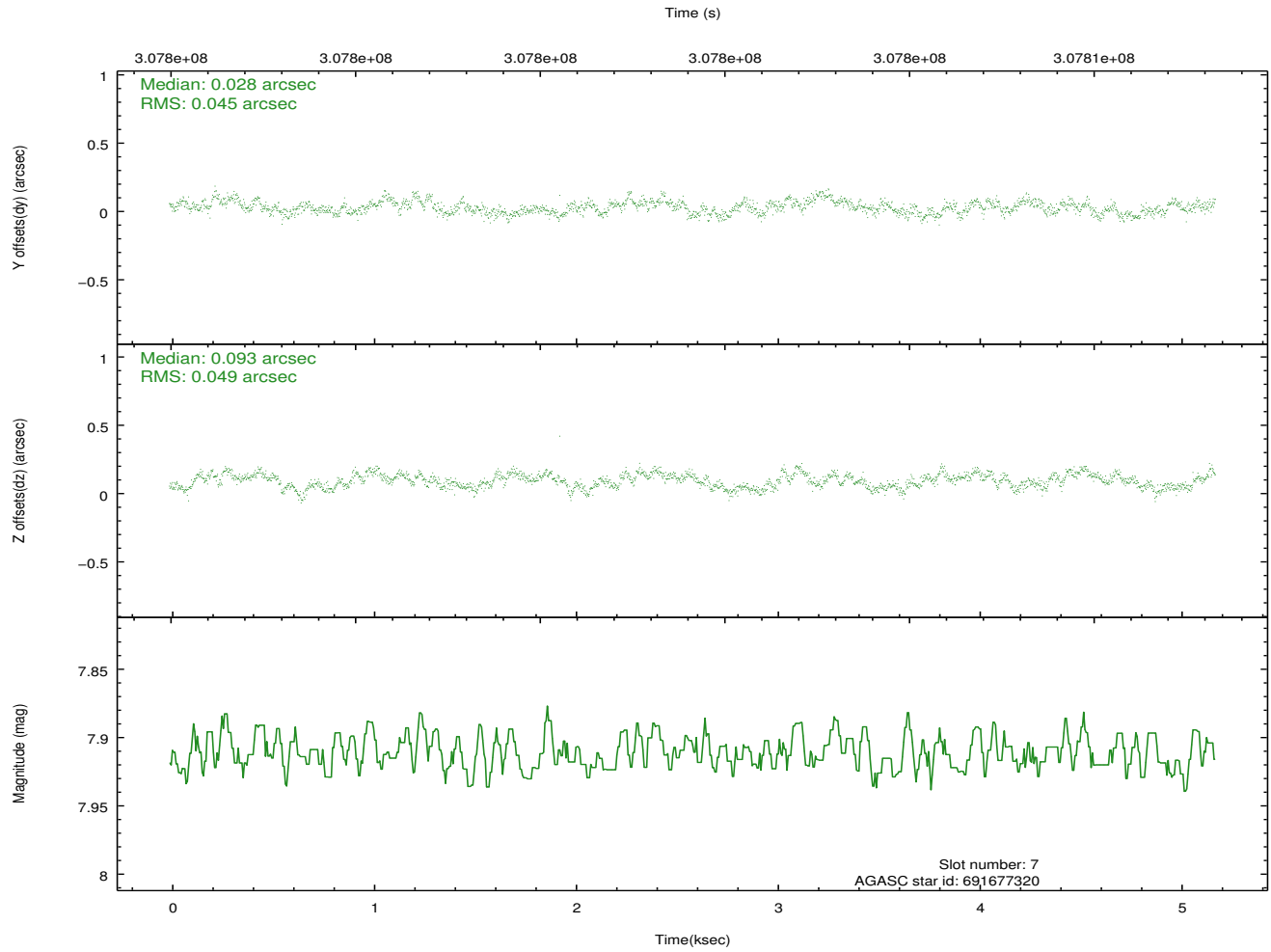
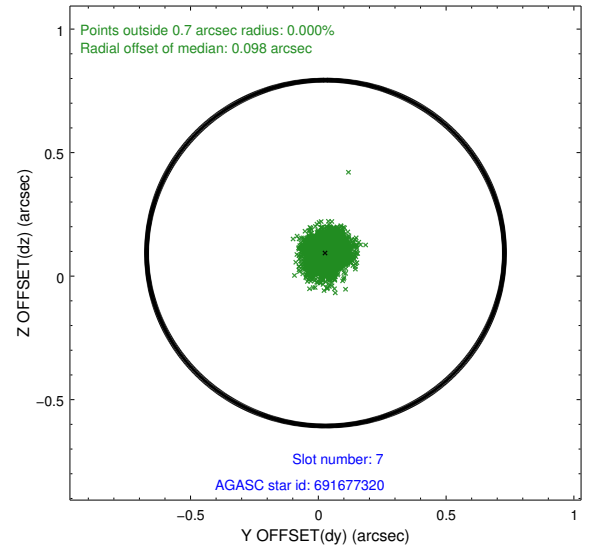
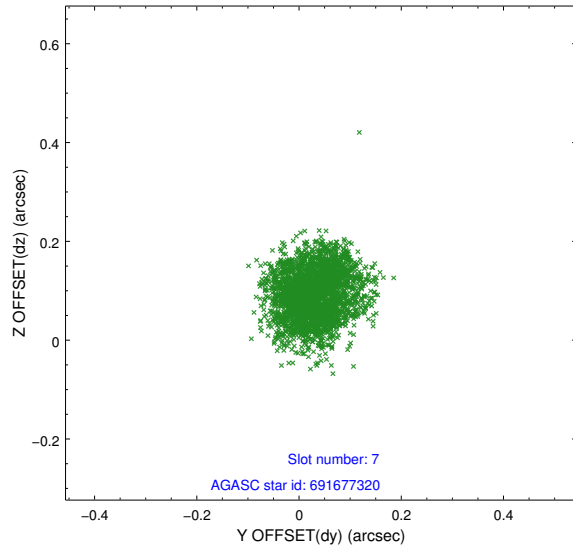
2.4.3 Slot 5



2.4.4 Slot 6

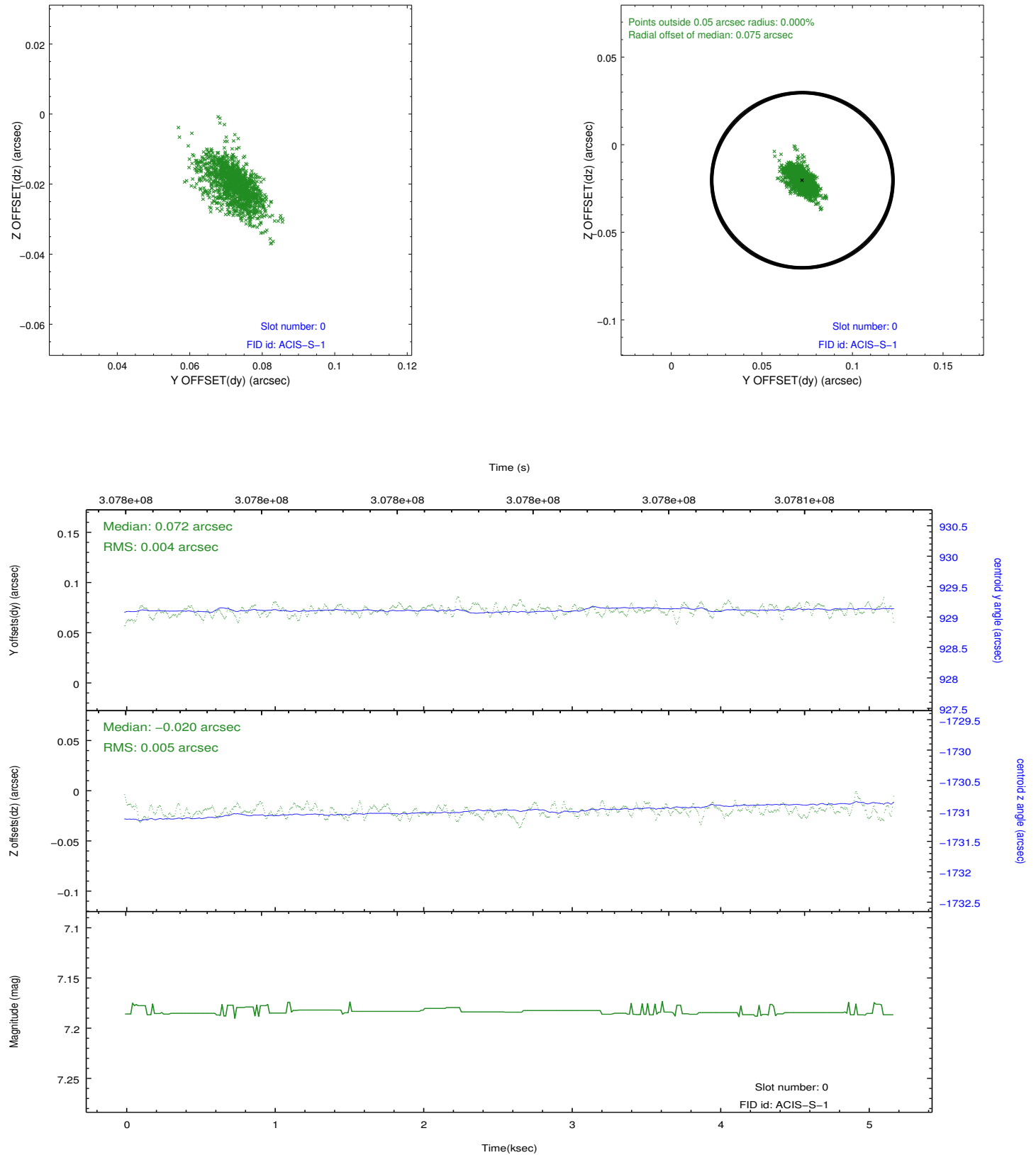


2.4.5 Slot 7

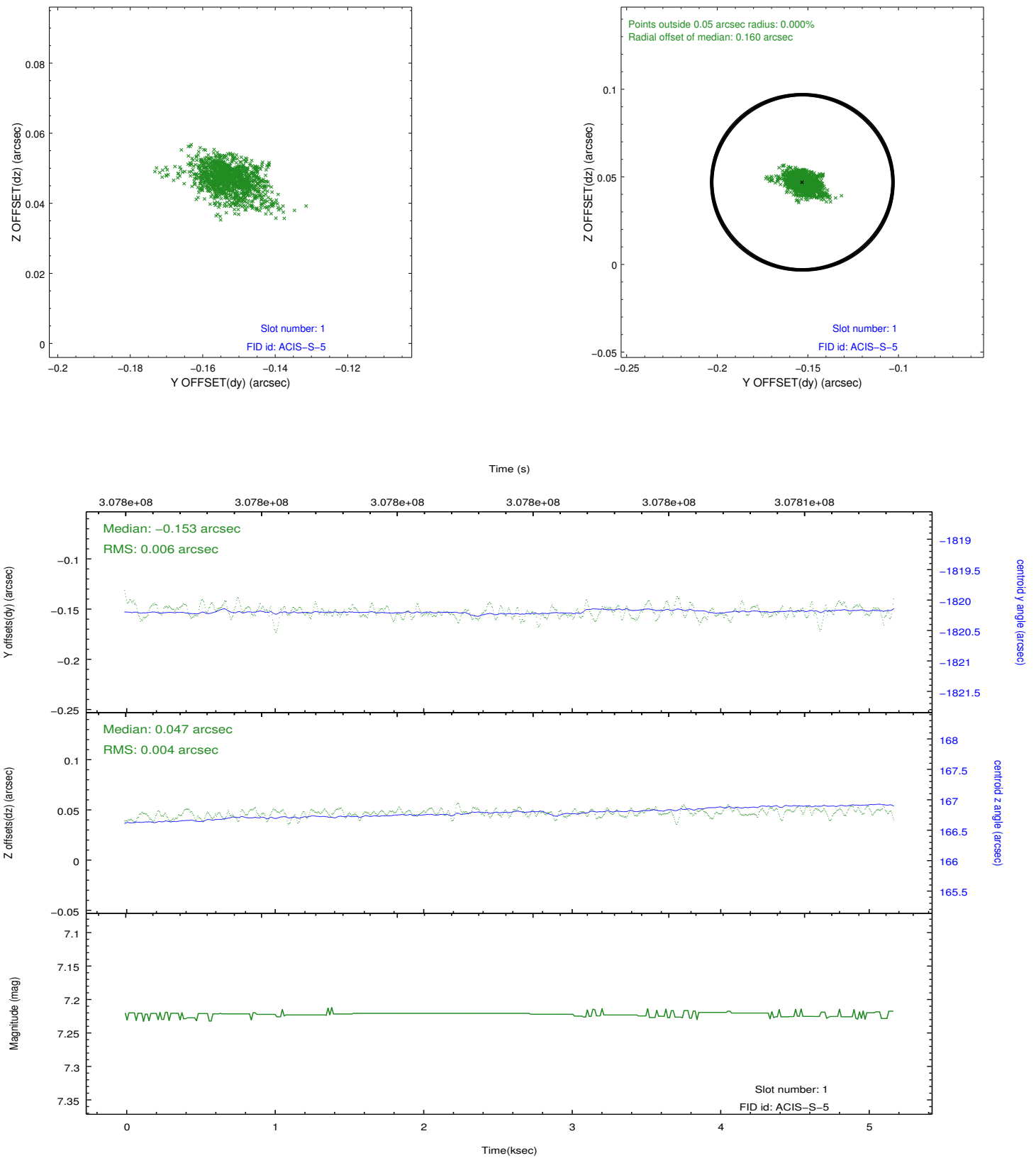


2.5 FID Slots

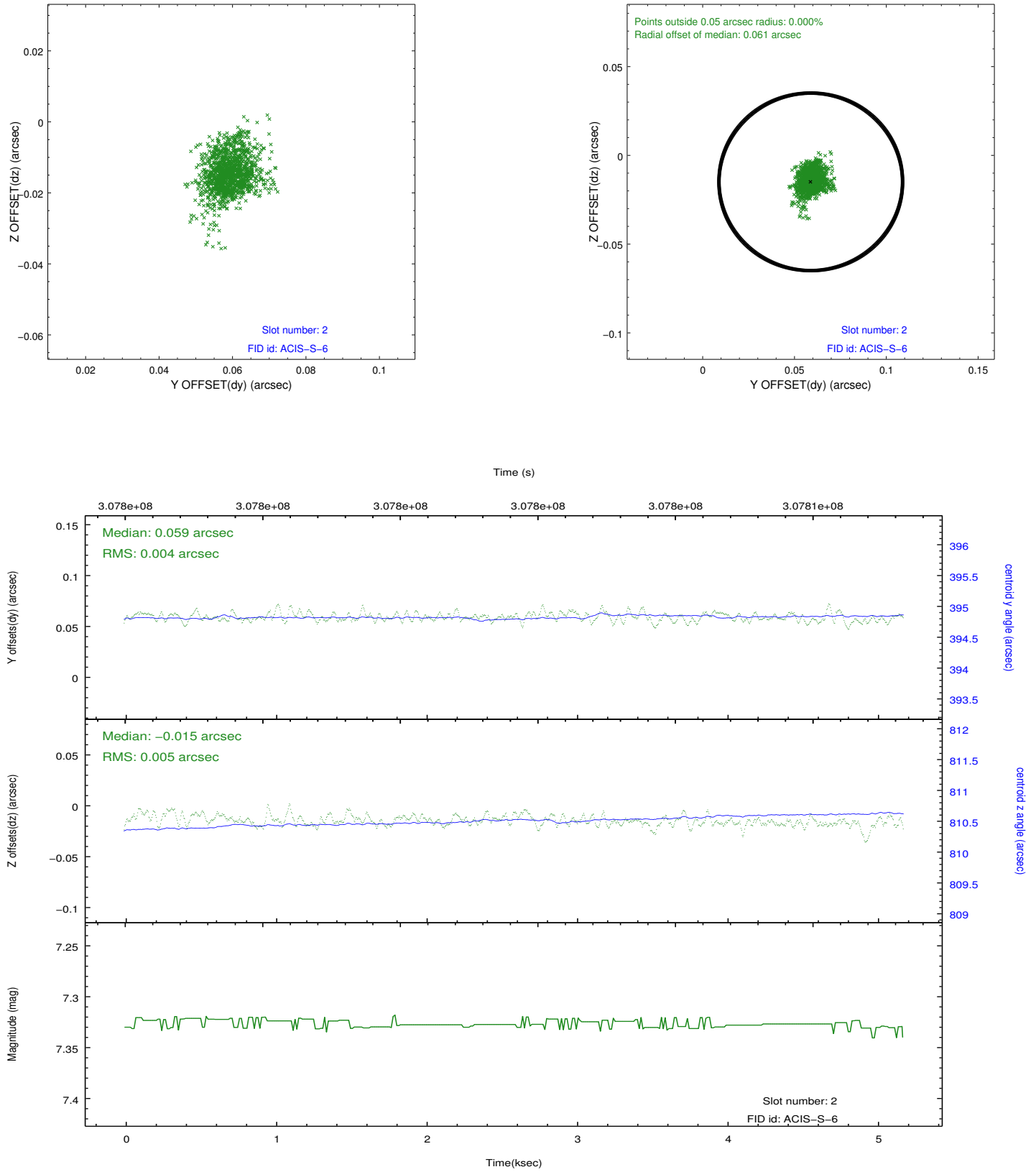
2.5.1 Slot 0



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)	2012.05.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.17700003

A.2 Comments

Joint with VLA.