

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 7118 - L2 Version 2
Chandra X-Ray Center

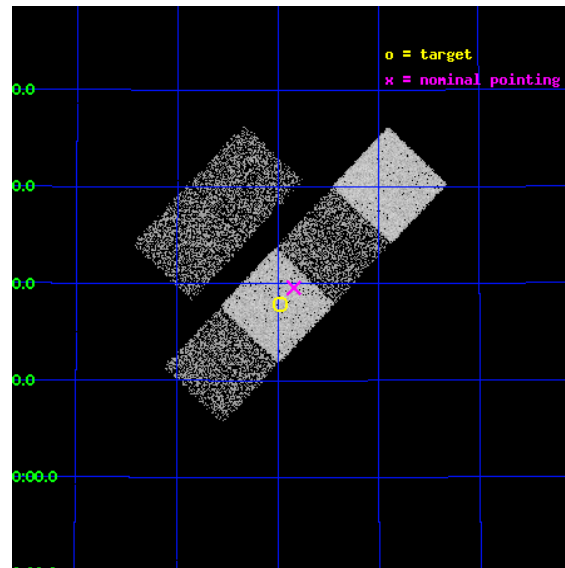
L2 Processing Date : Apr 2 2012

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1 Front

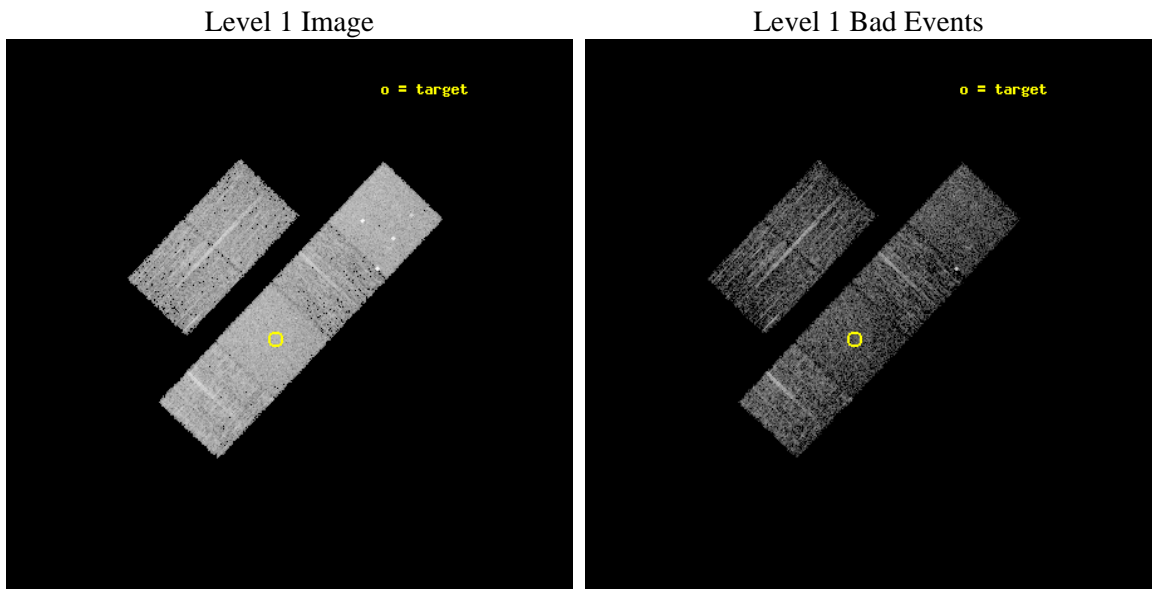
seq_num	600556	Sequence number
obs_id	7118	Observation id
title	A Complete Sample of ULX Host Galaxies	Proposal title
observer	Douglas Swartz	Principal investigator
object	UGC 11466	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	295.744583	Observer's specified target RA [deg]
dec_targ	45.298111	Observer's specified target Dec [deg]
ra_nom	295.71017548357	Nominal RA [deg]
dec_nom	45.326472193585	Nominal Dec [deg]
roll_nom	133.42083525195	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2770.2571820021	Sum of GTIs [s]
livetime	2735.1785175149	Livetime [s]
ontime2	2770.2982220054	Sum of GTIs [s]
ontime3	2770.1340420544	Sum of GTIs [s]
ontime5	2770.216122061	Sum of GTIs [s]
ontime6	2770.1750820577	Sum of GTIs [s]
ontime7	2770.2571820021	Sum of GTIs [s]
ontime8	2763.6110415459	Sum of GTIs [s]
l2events	40556	Number of level 2 events



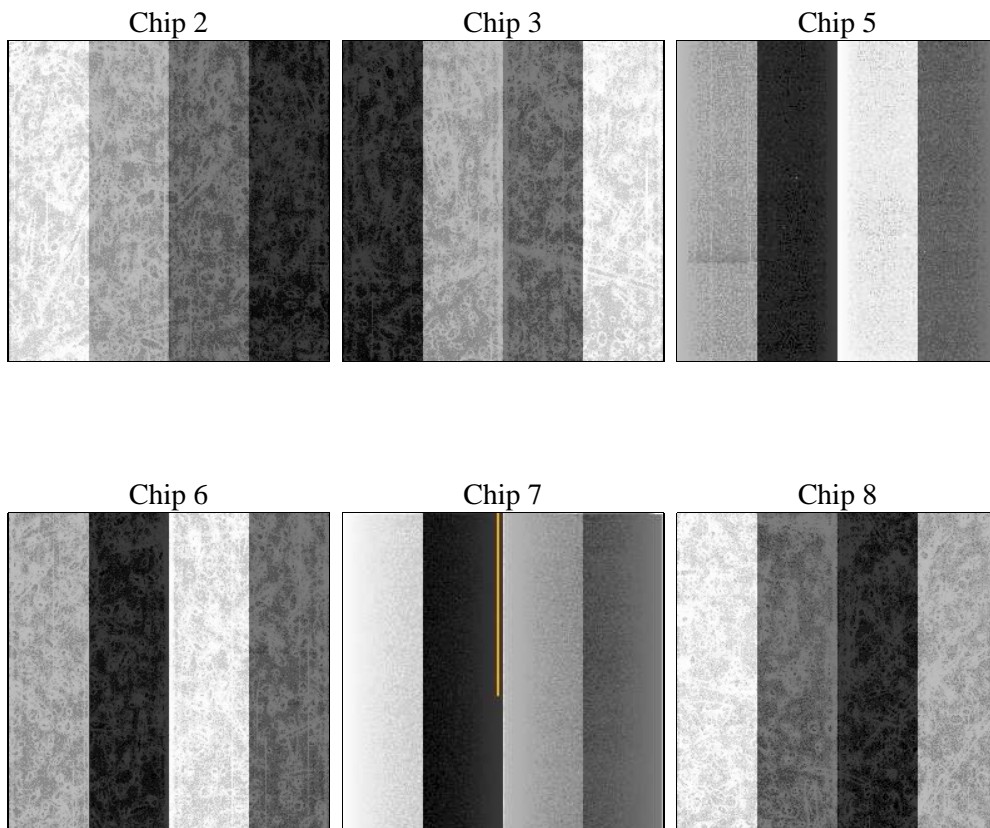
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3010.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	2770.2571820021	Sum of GTIs [s]
caldbver	4.4.9	 	ontime2	2770.2982220054	Sum of GTIs [s]
date	2012-04-02T03:43:50	Date and time of file creation	ontime3	2770.1340420544	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	2770.216122061	Sum of GTIs [s]
			ontime6	2770.1750820577	Sum of GTIs [s]
			ontime7	2770.2571820021	Sum of GTIs [s]
			ontime8	2763.6110415459	Sum of GTIs [s]
			l1events	182995	Number of level 1 events

2.1.4 Events

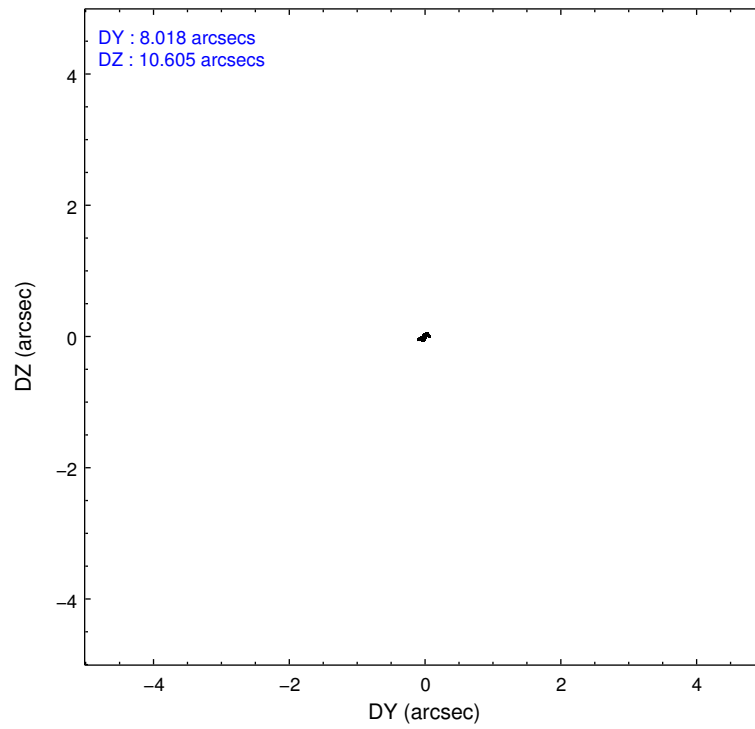
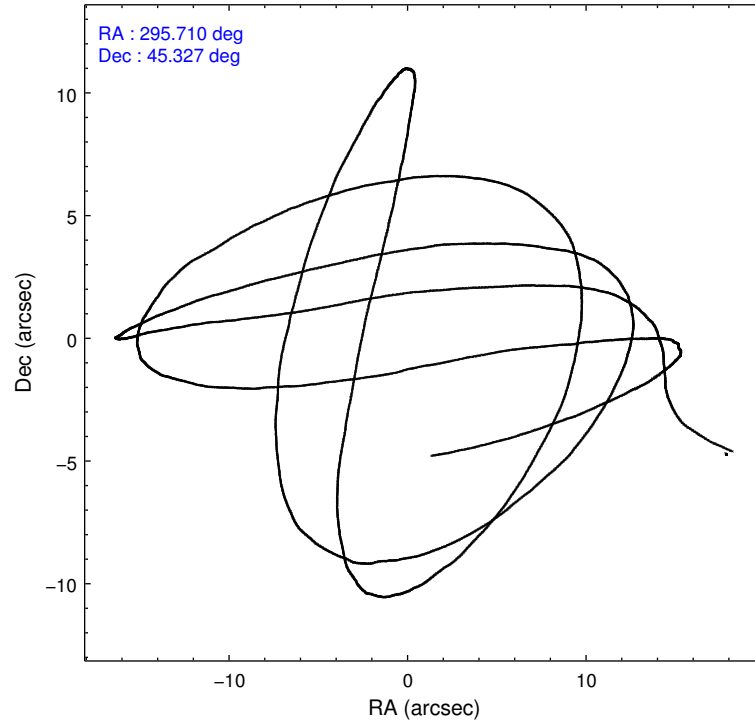
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	24863	24807	39190	24781	34358	34996	grade 0 events	1316	1287	2633	1141	1262	2285
rejected events	21976	21971	20699	21790	20024	27734		5%	5%	6%	4%	3%	6%
rejected %	88%	88%	52%	87%	58%	79%	grade 1 events	13	7	202	18	36	26
								0%	0%	0%	0%	0%	0%
							grade 2 events	584	509	5141	636	2969	1531
								2%	2%	13%	2%	8%	4%
							grade 3 events	228	267	779	271	1264	777
								0%	1%	1%	1%	3%	2%
							grade 4 events	278	273	644	277	1230	739
								1%	1%	1%	1%	3%	2%
							grade 5 events	929	1075	2976	1189	3231	1464
								3%	4%	7%	4%	9%	4%
							grade 6 events	483	503	9311	666	7619	1960
								1%	2%	23%	2%	22%	5%
							grade 7 events	21032	20886	17504	20583	16747	26214
								84%	84%	44%	83%	48%	74%

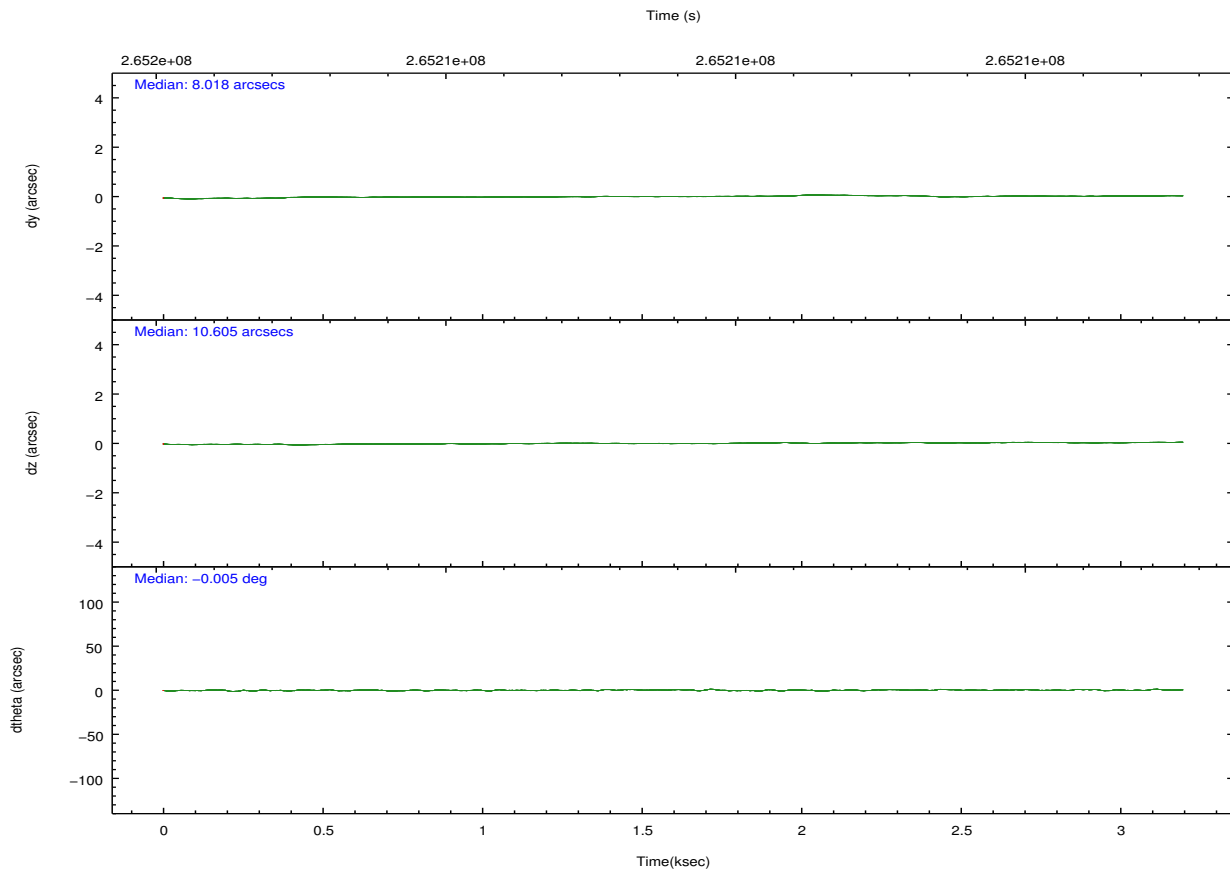
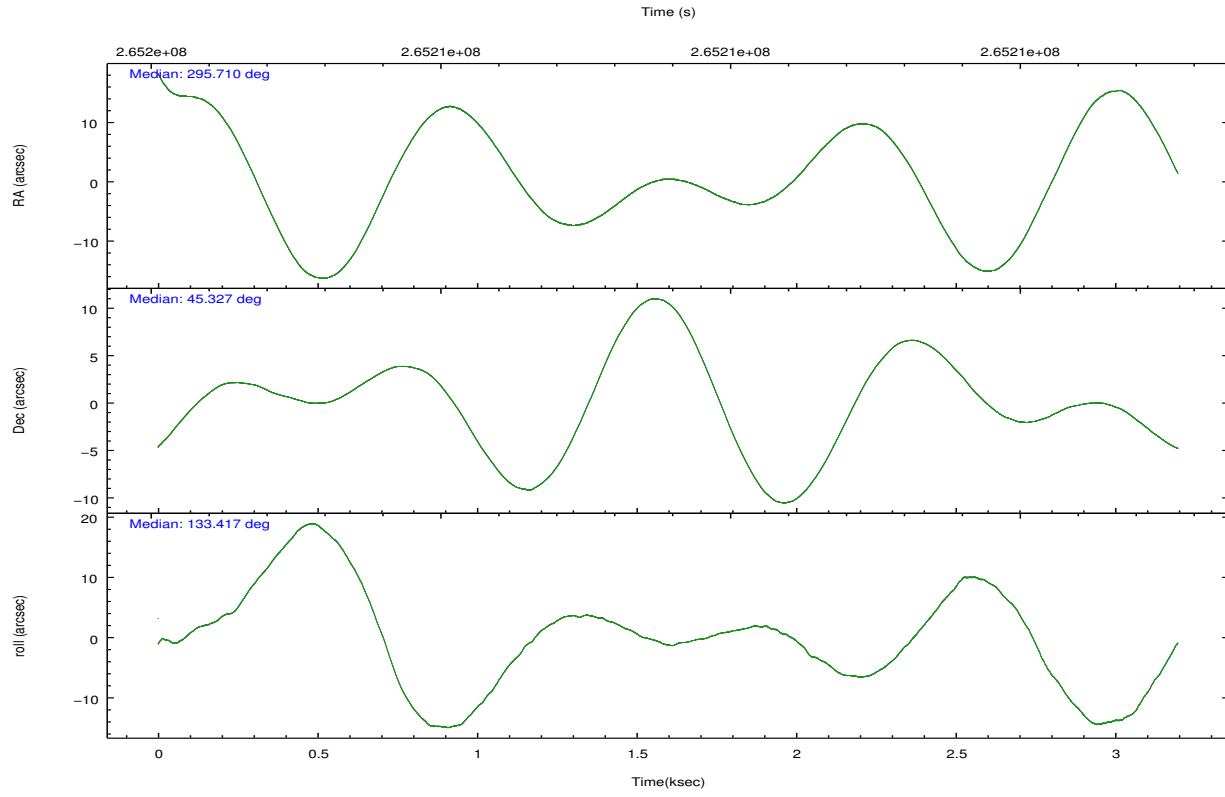
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-235678	ACIS-235678
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	POINTING	POINTING
[deg] Pointing RA	295.747173	295.7101754835664
[deg] Pointing Dec	45.319047	45.32647219358515
[deg] Pointing Roll	133.237901	133.4208352519492
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.001444936568705701
[mm] SIM translation stage pos	-190.132523	-190.1425803651734
[mm] SIM translation stage offset	0	0.01005778216563158
[s] Observation start time (MET)	265205370.184000	265204656.0712
Observation start date	2006-05-28T12:08:25	2006-05-28T11:57:36
[s] Observation end time (MET)	265208380.184000	265208959.5339
Observation end date	2006-05-28T12:58:35	2006-05-28T13:09:19
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	3.2

2.3 Aspect



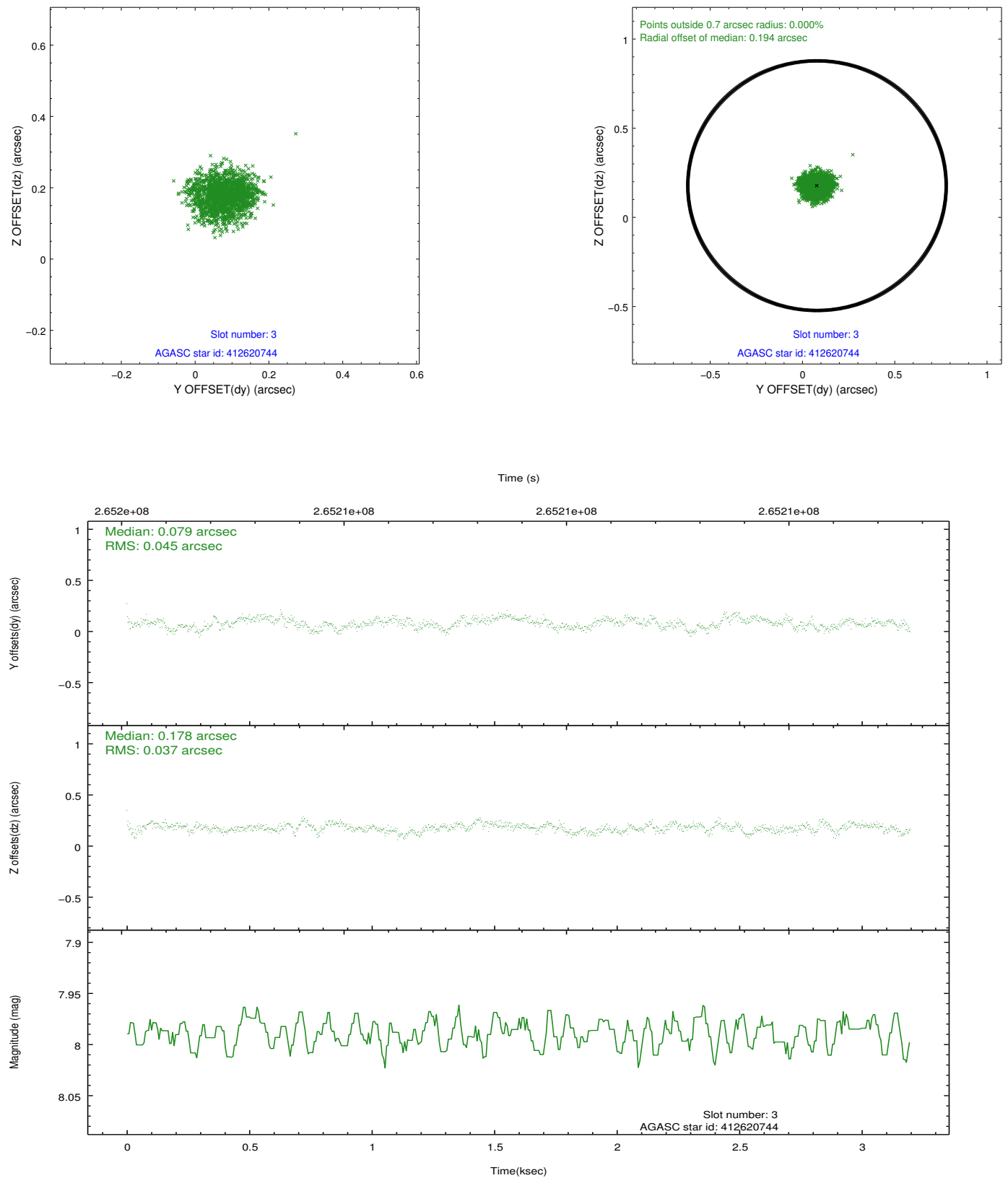


Slot Statistics

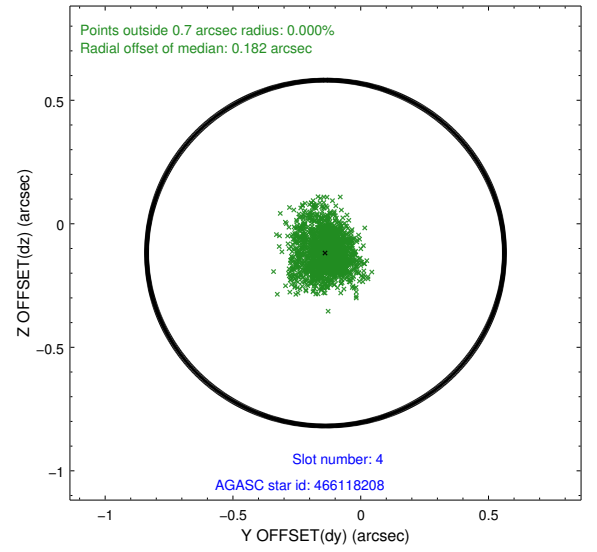
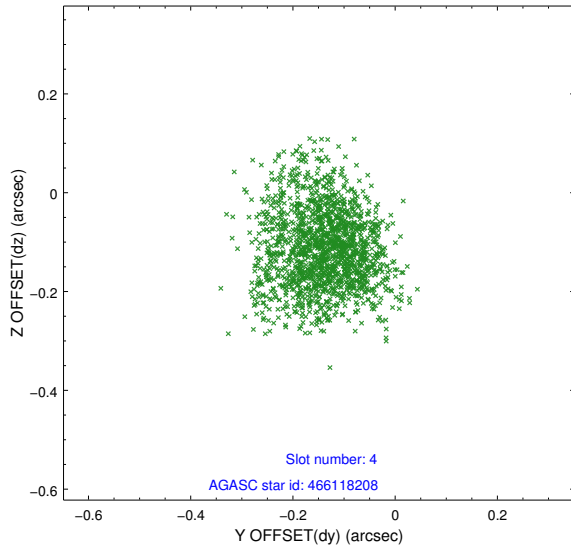
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	780	-0.079	-0.058	0.006	0.010	0.000000	0.000000	-760.84	-1731.89
1	FID	ACIS-S-4	7.21	780	0.086	0.033	0.006	0.010	0.000000	0.000000	2151.66	174.67
2	FID	ACIS-S-6	7.35	780	-0.035	0.034	0.007	0.012	0.000000	0.000000	403.70	814.31
3	GUIDE	412620744	7.99	1560	0.079	0.178	0.063	0.097	296.408208	44.963740	-2079.55	-354.40
4	GUIDE	466118208	9.06	1560	-0.138	-0.119	0.107	0.175	294.967605	45.159855	944.84	1826.35
5	GUIDE	466238320	9.38	1546	-0.062	0.113	0.118	0.188	295.361902	45.898086	2182.78	-724.16
6	GUIDE	466242576	8.35	1560	0.186	0.219	0.064	0.101	296.538398	45.055691	-2059.64	-822.86
7	GUIDE	412623944	7.04	1559	-0.060	-0.399	0.062	0.101	295.161348	44.789167	-361.30	2392.95

2.4 Star Slots

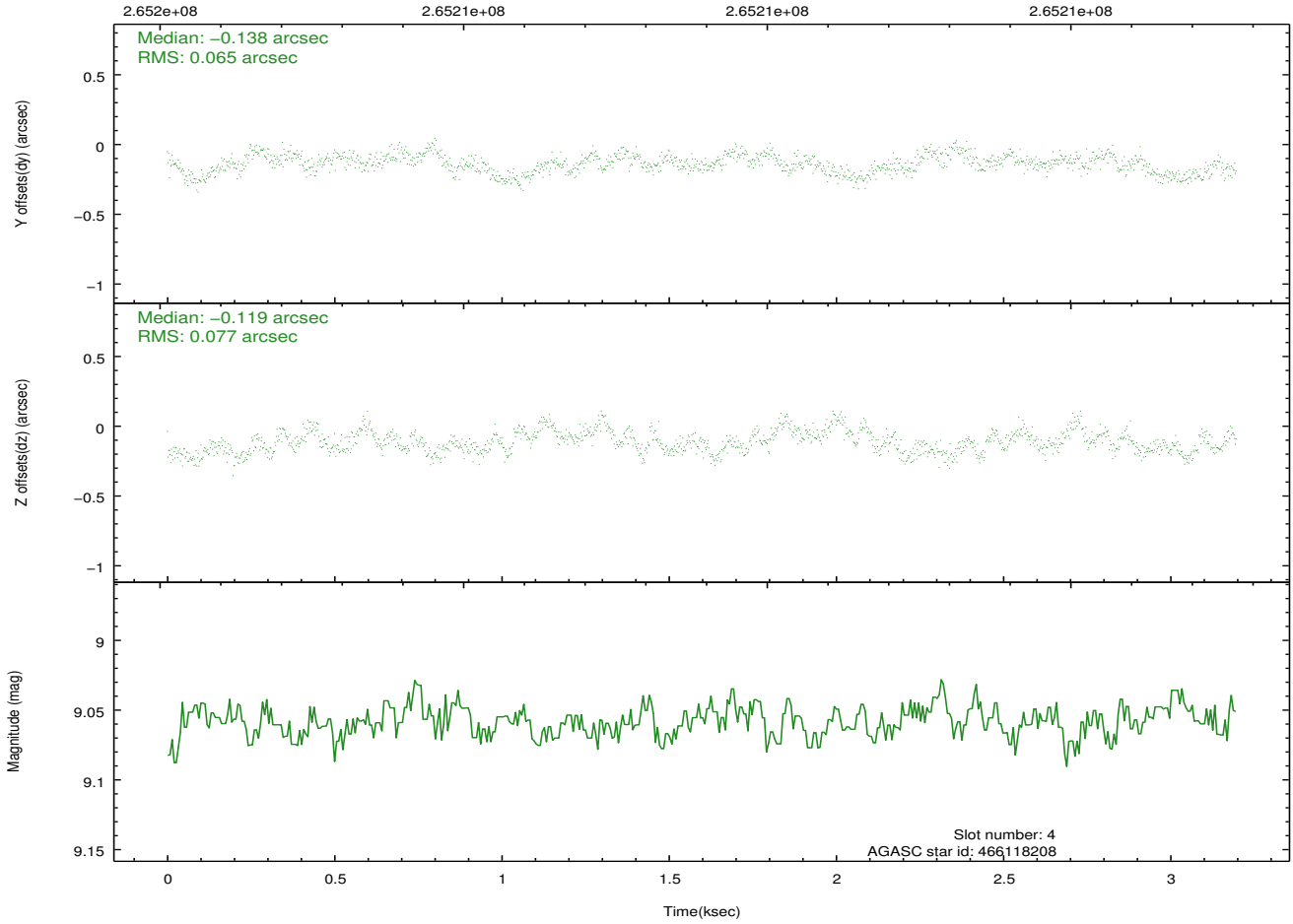
2.4.1 Slot 3



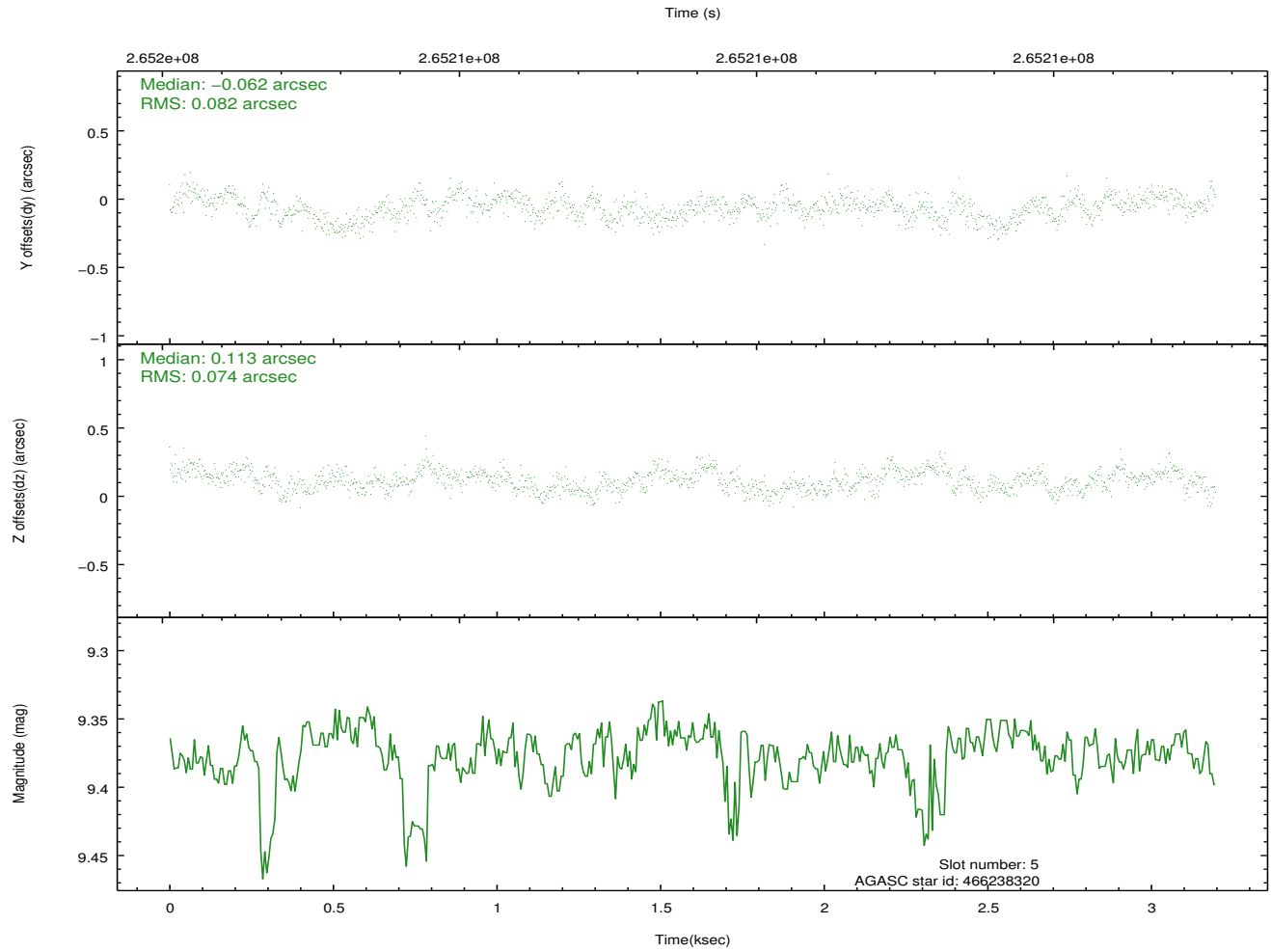
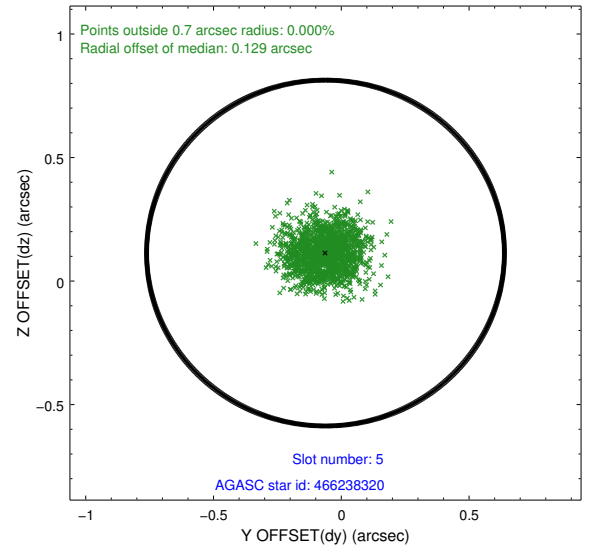
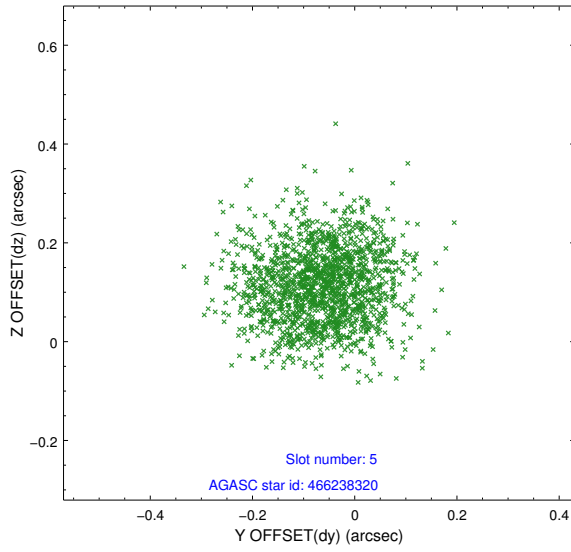
2.4.2 Slot 4



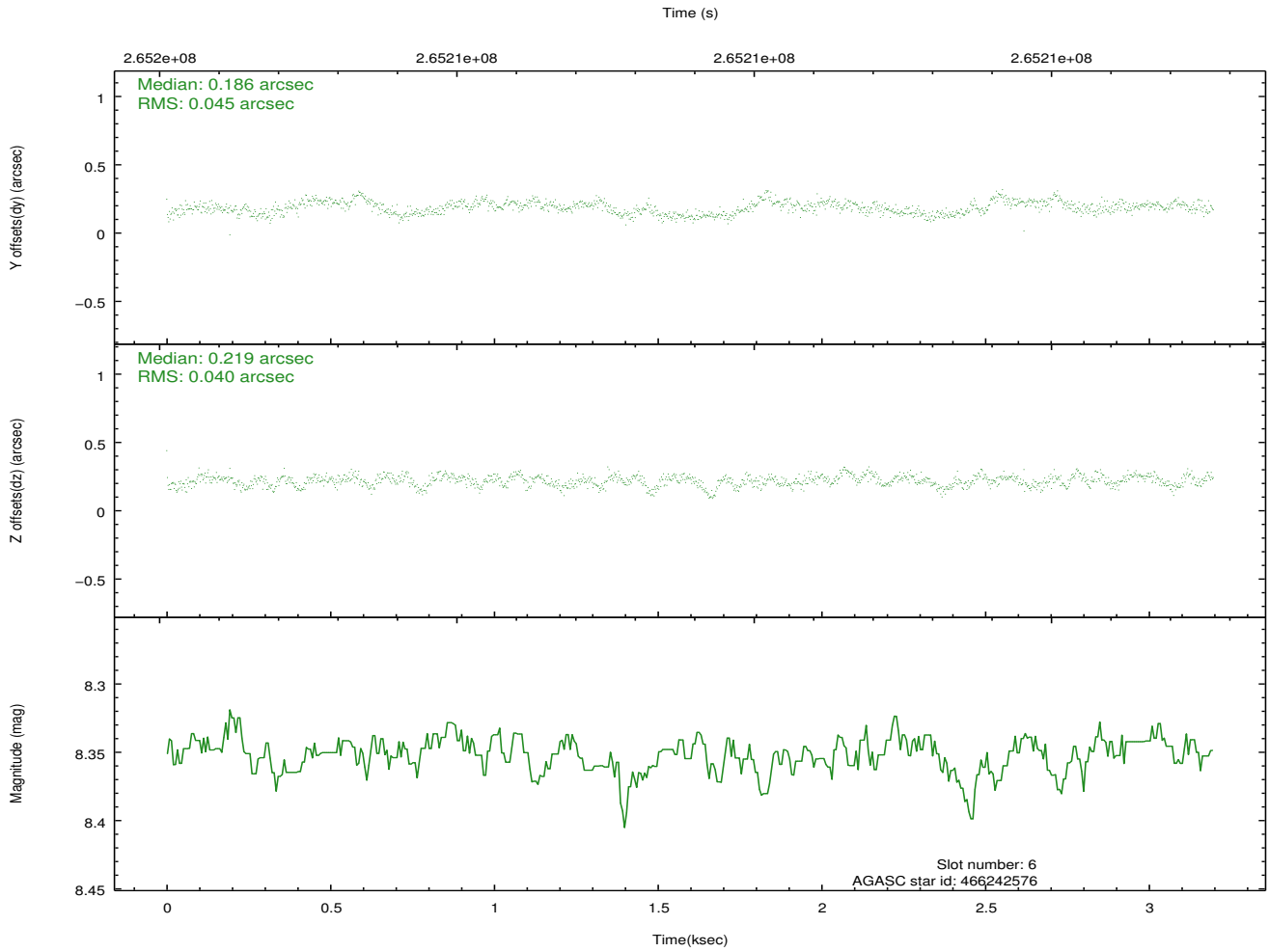
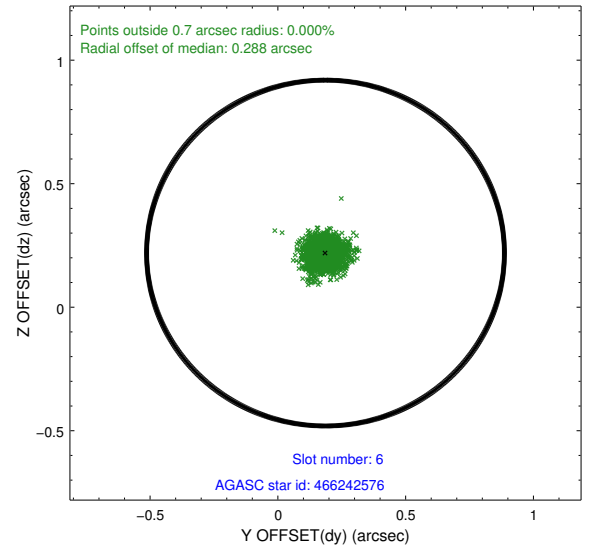
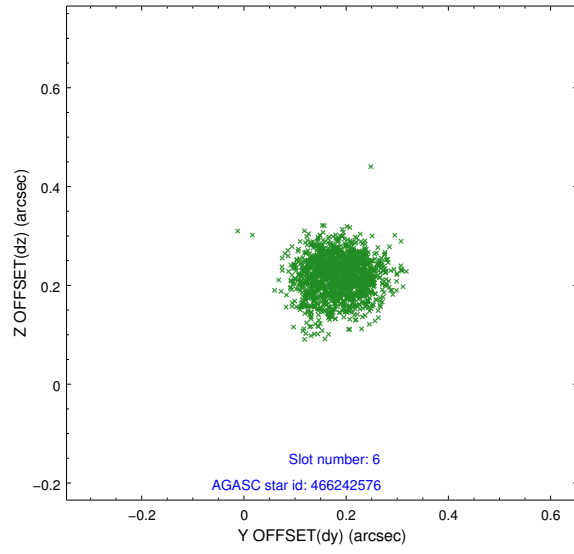
Time (s)



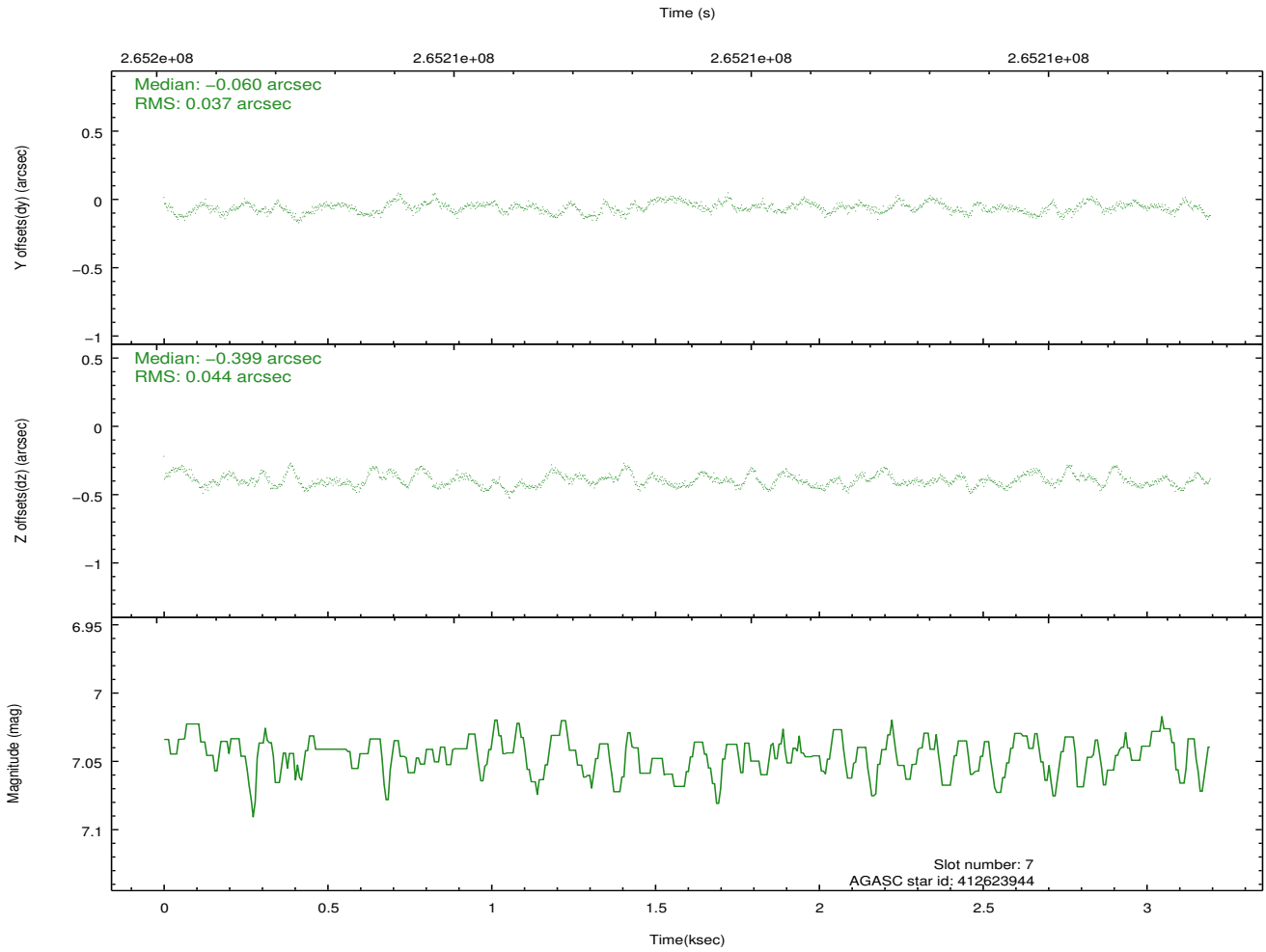
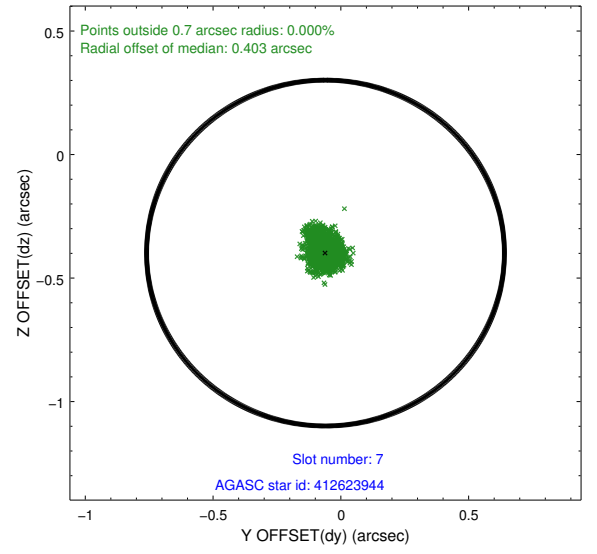
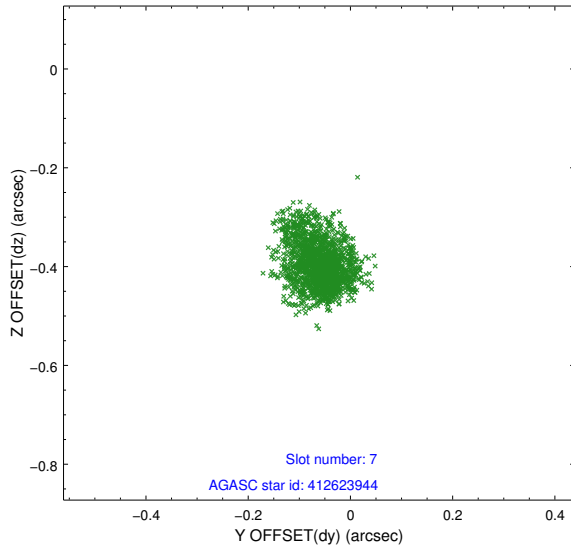
2.4.3 Slot 5



2.4.4 Slot 6

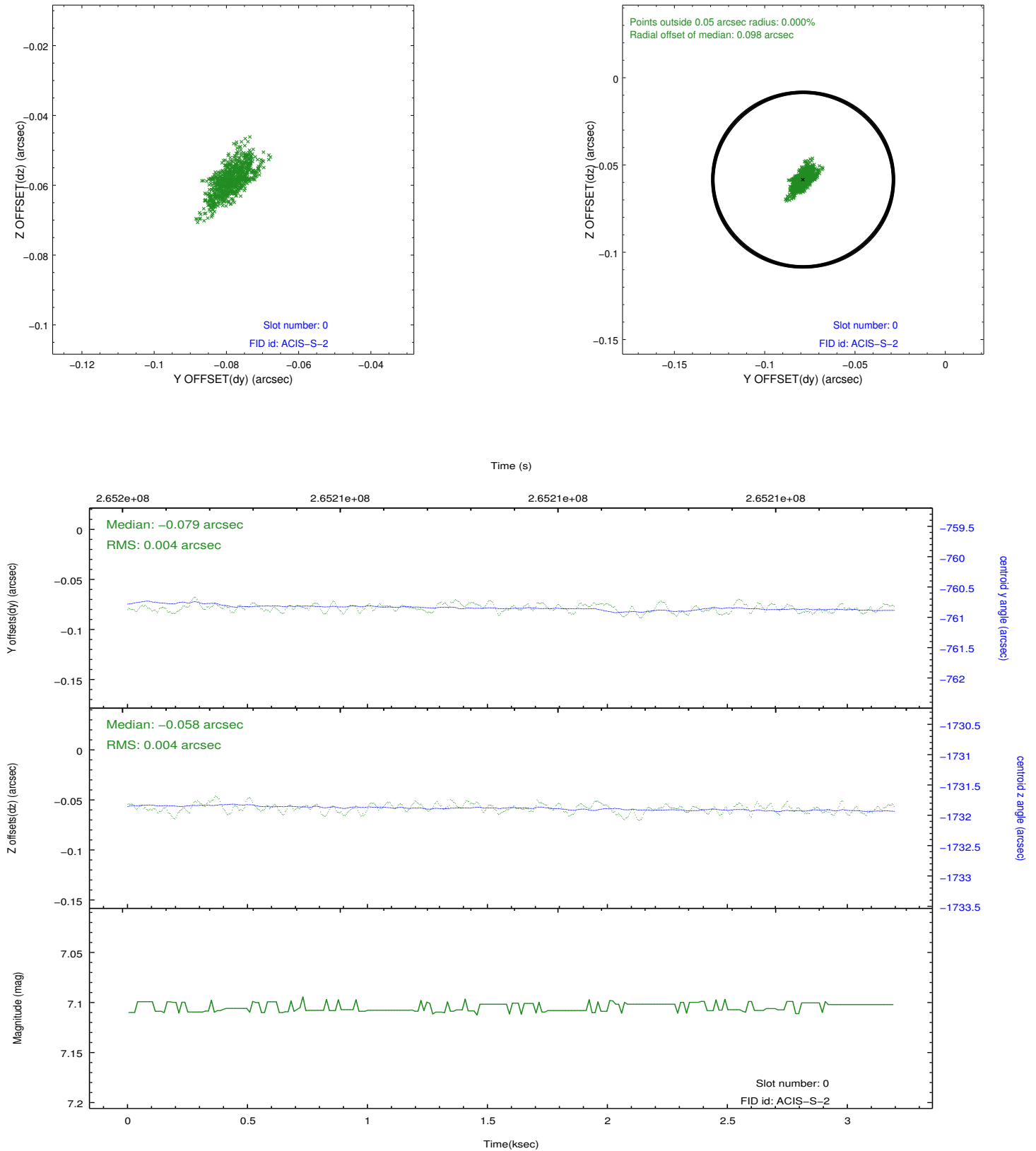


2.4.5 Slot 7

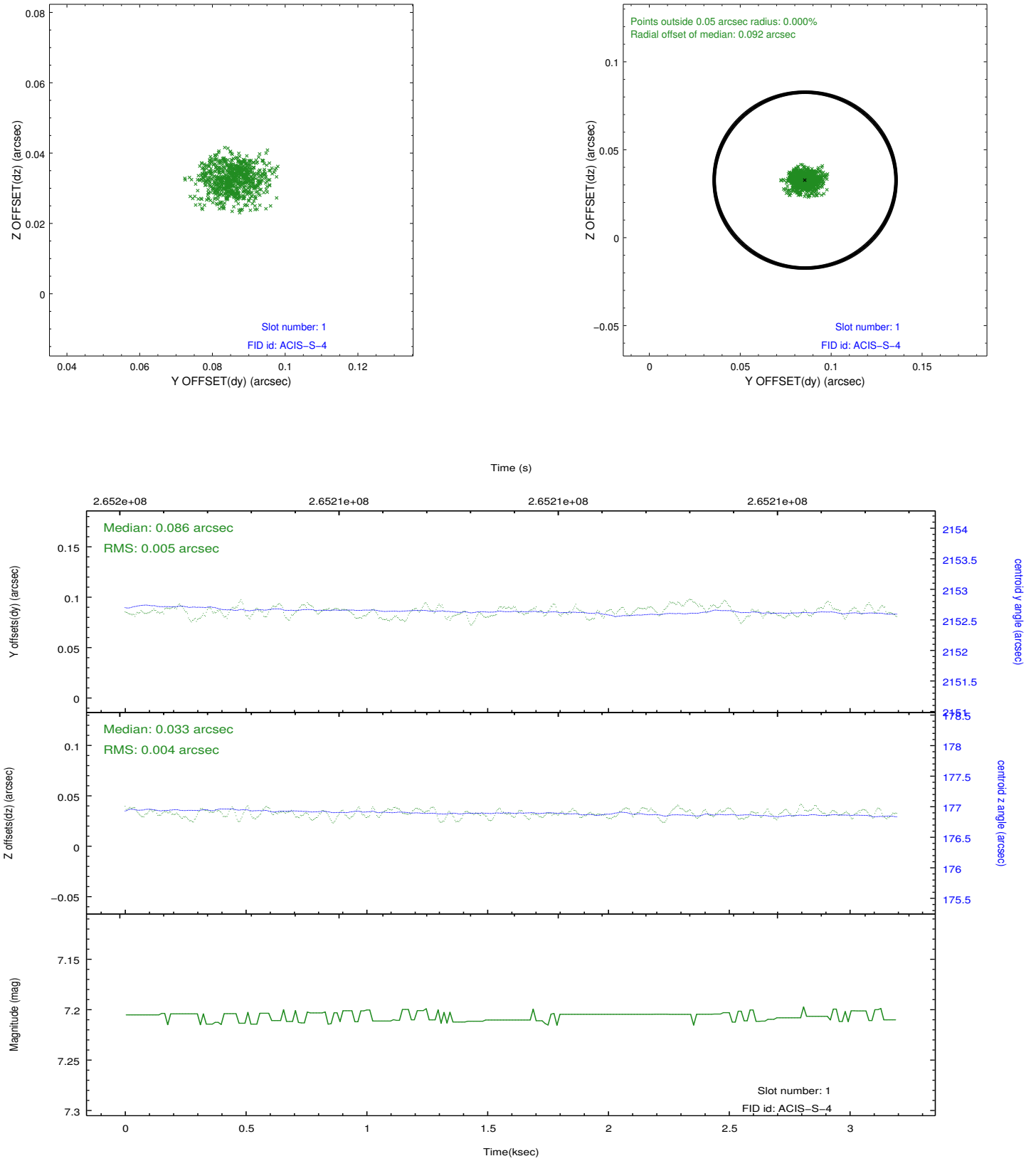


2.5 FID Slots

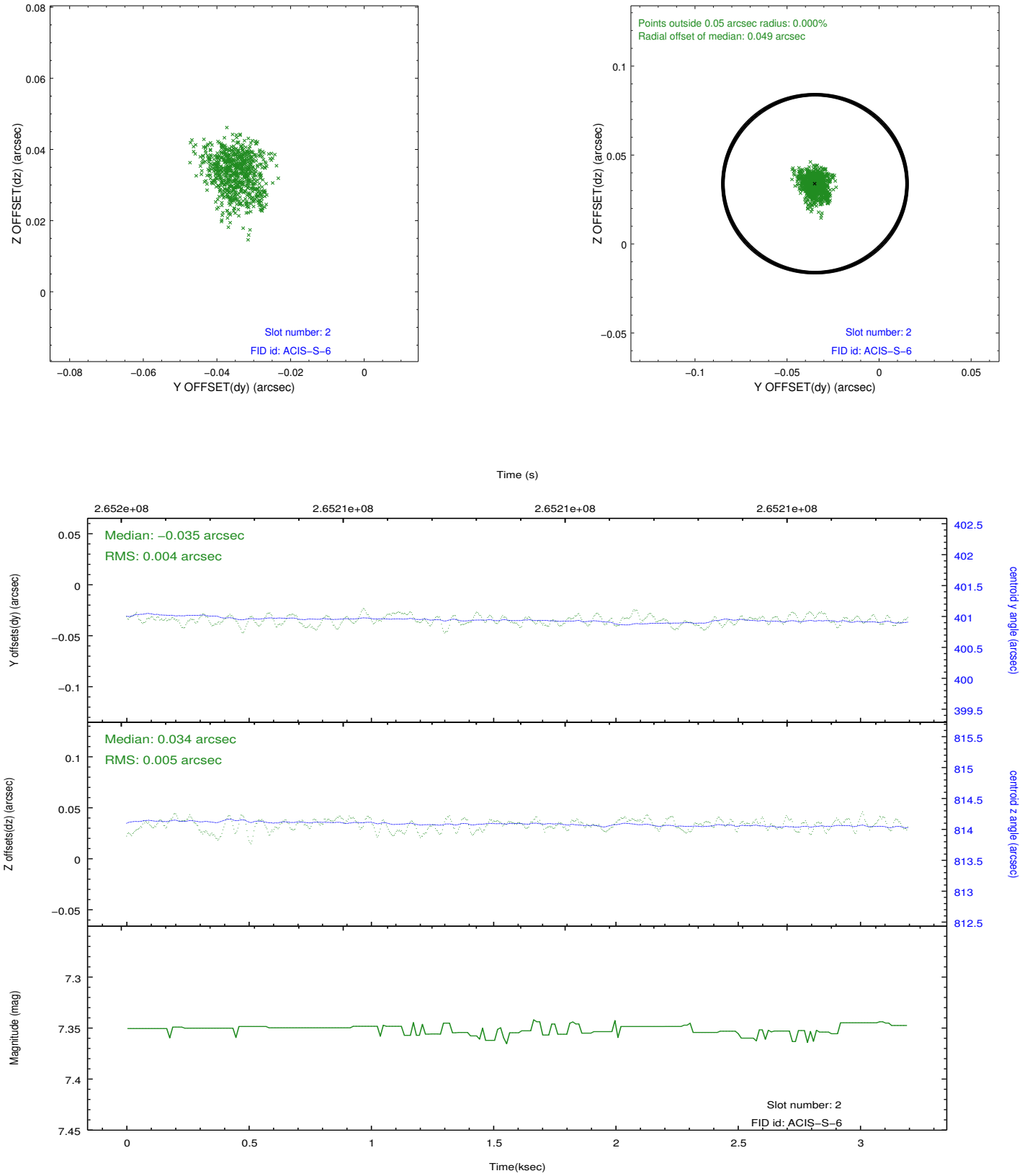
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.04.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.77119998

A.2 Comments