

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 5248 - L2 Version 3
Chandra X-Ray Center

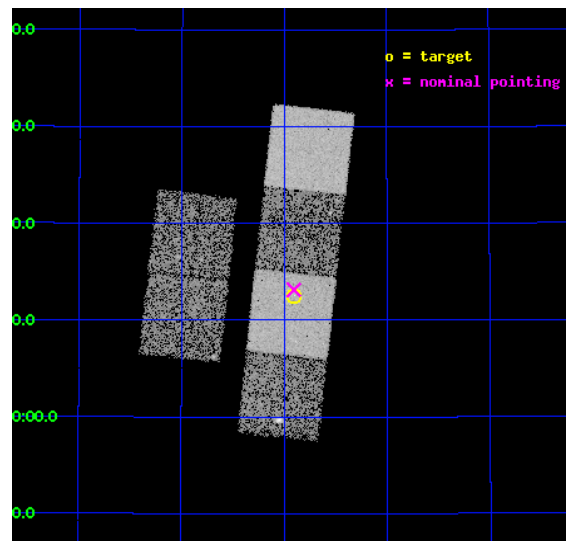
L2 Processing Date : Nov 8 2012

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1 Front

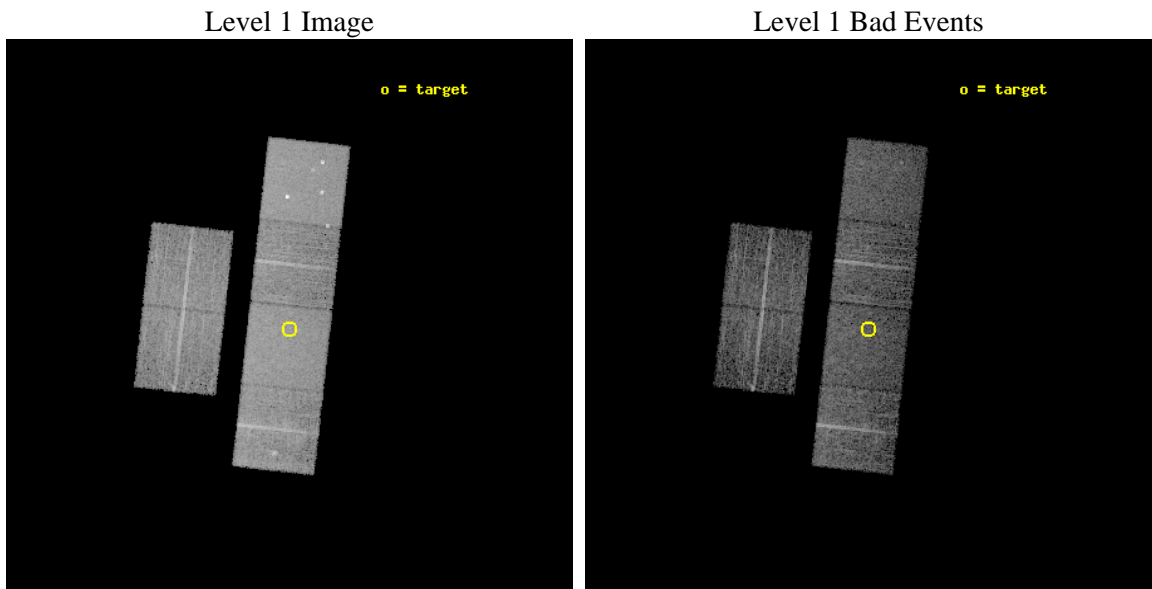
seq_num	701011	Sequence number
obs_id	5248	Observation id
title	Chandra Observations of Optically Selected Type 2 Quasar Candidates	
observer	Prof. Michael Strauss	Principal investigator
object	SDSSJ080154.24+441233.9	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	120.475833	Observer's specified target RA [deg]
dec_targ	44.209417	Observer's specified target Dec [deg]
ra_nom	120.47670637898	Nominal RA [deg]
dec_nom	44.219089090844	Nominal Dec [deg]
roll_nom	96.32536815318	Nominal Roll [deg]
revision	3	Processing version of data
ontime	9942.3999629617	Sum of GTIs [s]
livetime	9816.5033080361	Livetime [s]
ontime2	9942.3999629617	Sum of GTIs [s]
ontime3	9939.1589826941	Sum of GTIs [s]
ontime5	9942.3999629617	Sum of GTIs [s]
ontime6	9942.3999629617	Sum of GTIs [s]
ontime7	9942.3999629617	Sum of GTIs [s]
ontime8	9942.3999629617	Sum of GTIs [s]
l2events	81428	Number of level 2 events



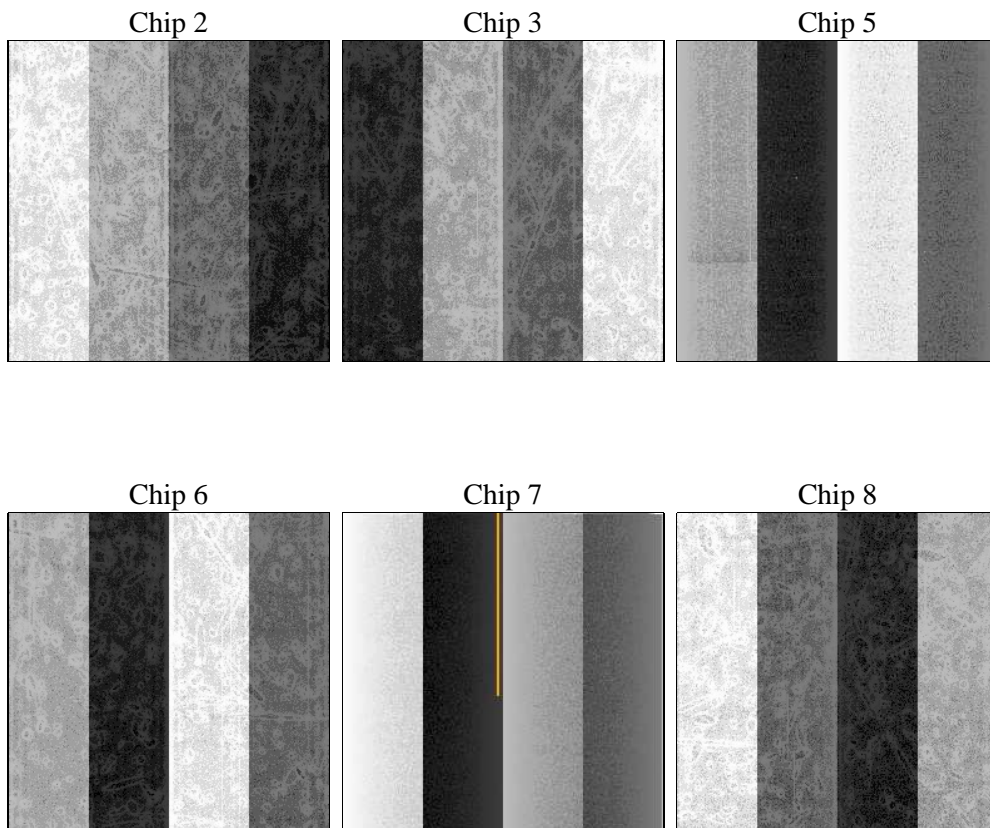
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	9782.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	9942.3999629617	Sum of GTIs [s]
caldsver	4.5.2	 	ontime2	9942.3999629617	Sum of GTIs [s]
date	2012-11-08T07:41:16	Date and time of file creation	ontime3	9939.1589826941	Sum of GTIs [s]
revision	3	Processing version of data	ontime5	9942.3999629617	Sum of GTIs [s]
			ontime6	9942.3999629617	Sum of GTIs [s]
			ontime7	9942.3999629617	Sum of GTIs [s]
			ontime8	9942.3999629617	Sum of GTIs [s]
			l1events	382981	Number of level 1 events

2.1.4 Events

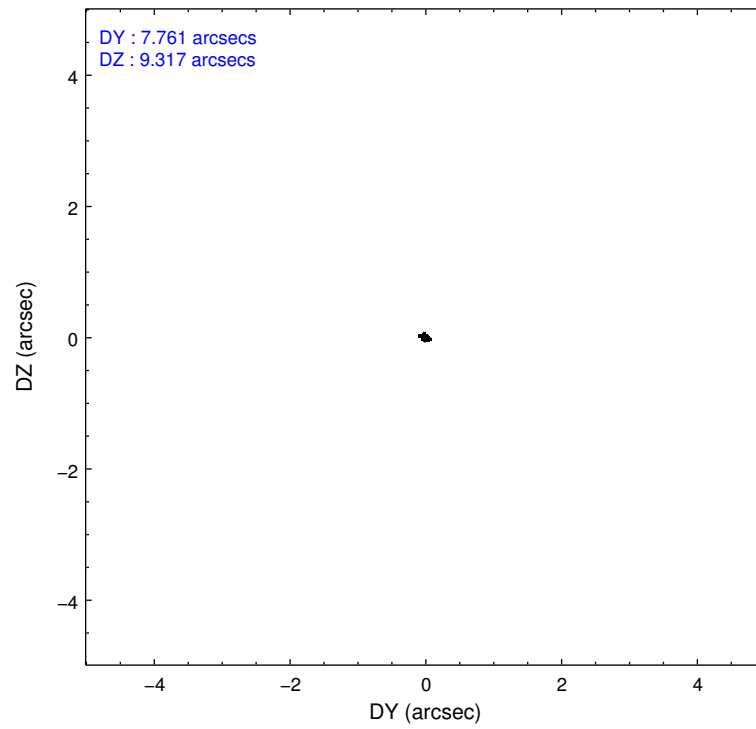
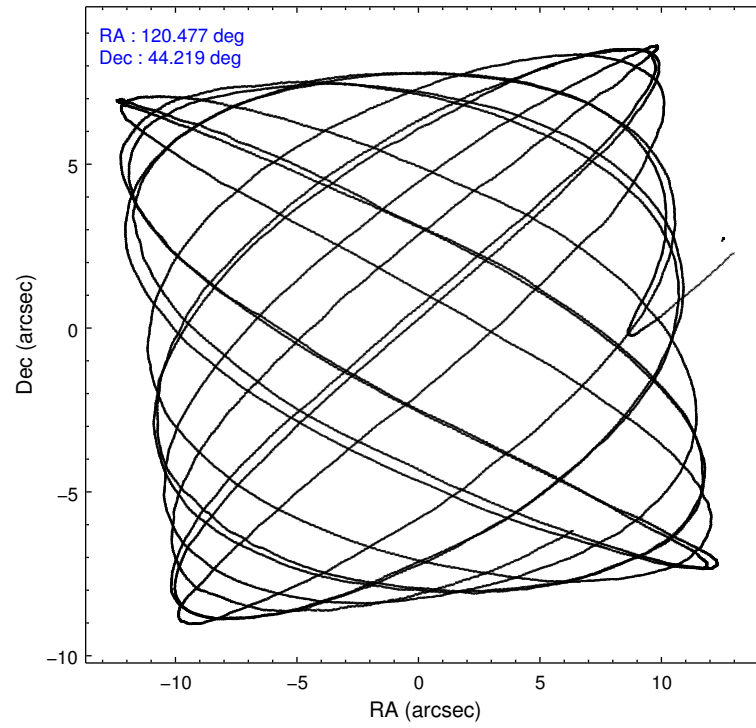
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	53926	51475	82873	54594	71818	68295	grade 0 events	2808	2748	7536	2663	2724	5139
rejected events	47825	45477	45240	48263	43969	53905		5%	5%	9%	4%	3%	7%
rejected %	88%	88%	54%	88%	61%	78%	grade 1 events	37	38	206	26	82	46
								0%	0%	0%	0%	0%	0%
							grade 2 events	1323	1229	10249	1281	5590	3261
								2%	2%	12%	2%	7%	4%
							grade 3 events	577	592	1373	608	2528	1512
								1%	1%	1%	1%	3%	2%
							grade 4 events	618	587	1347	696	2613	1451
								1%	1%	1%	1%	3%	2%
							grade 5 events	2243	2343	5735	2476	6954	3213
								4%	4%	6%	4%	9%	4%
							grade 6 events	1060	1089	18699	1353	15553	3665
								1%	2%	22%	2%	21%	5%
							grade 7 events	45260	42849	37728	45491	35774	50008
								83%	83%	45%	83%	49%	73%

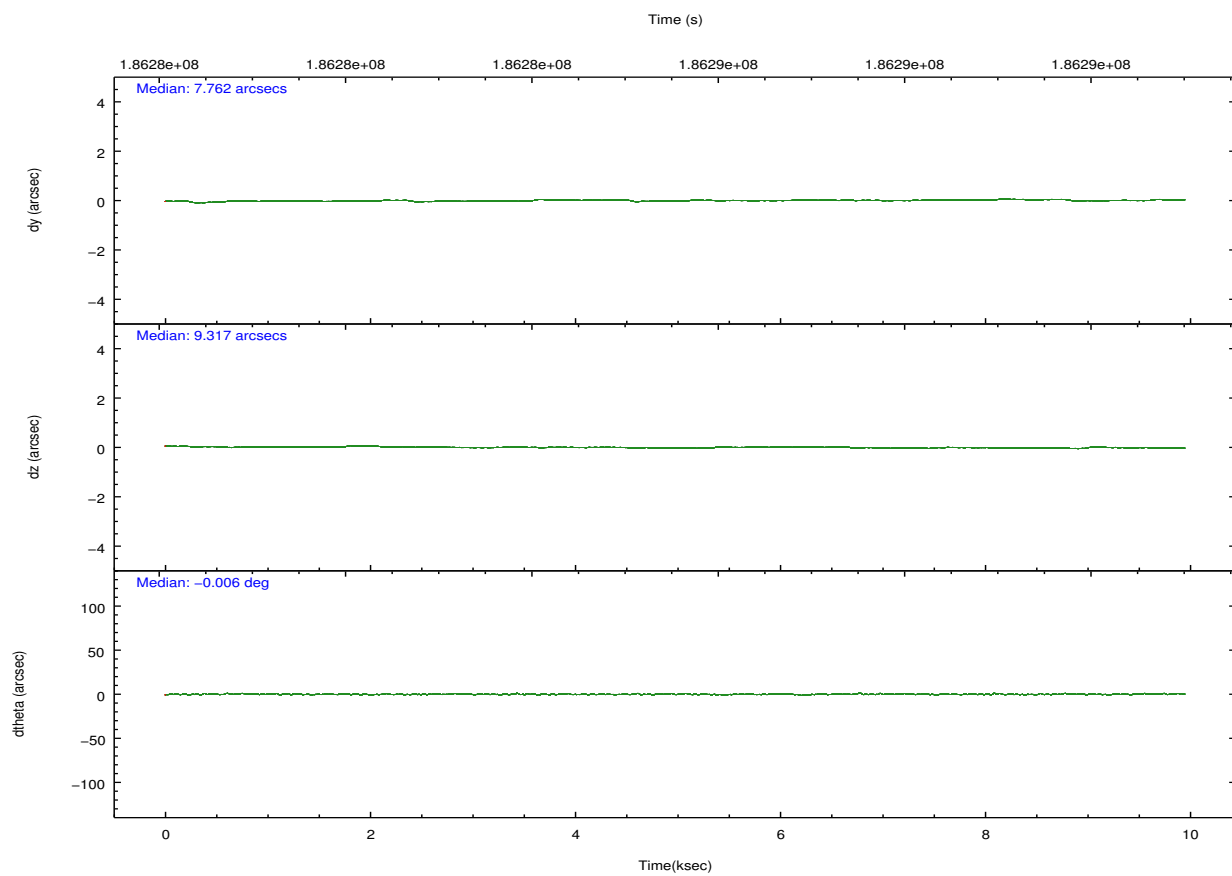
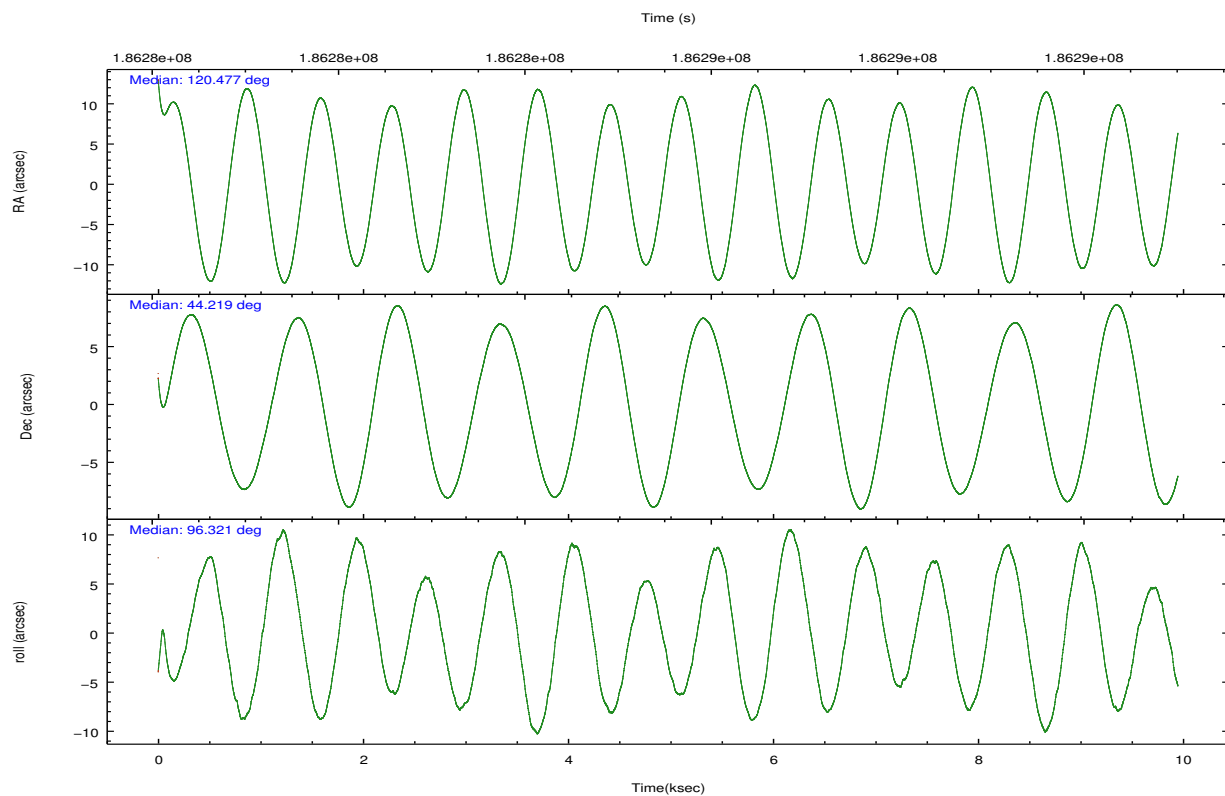
2.2 Compared Parameters

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	120.499636	120.4767063789832
[deg] Pointing Dec	44.197350	44.21908909084362
[deg] Pointing Roll	96.152751	96.32536815318036
[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)	186280723.184000	186279453.1417
Observation start date	2003-11-27T00:37:39	2003-11-27T00:17:33
[s] Observation end time (MET)	186290505.184000	186291014.1172
Observation end date	2003-11-27T03:20:41	2003-11-27T03:30:14
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



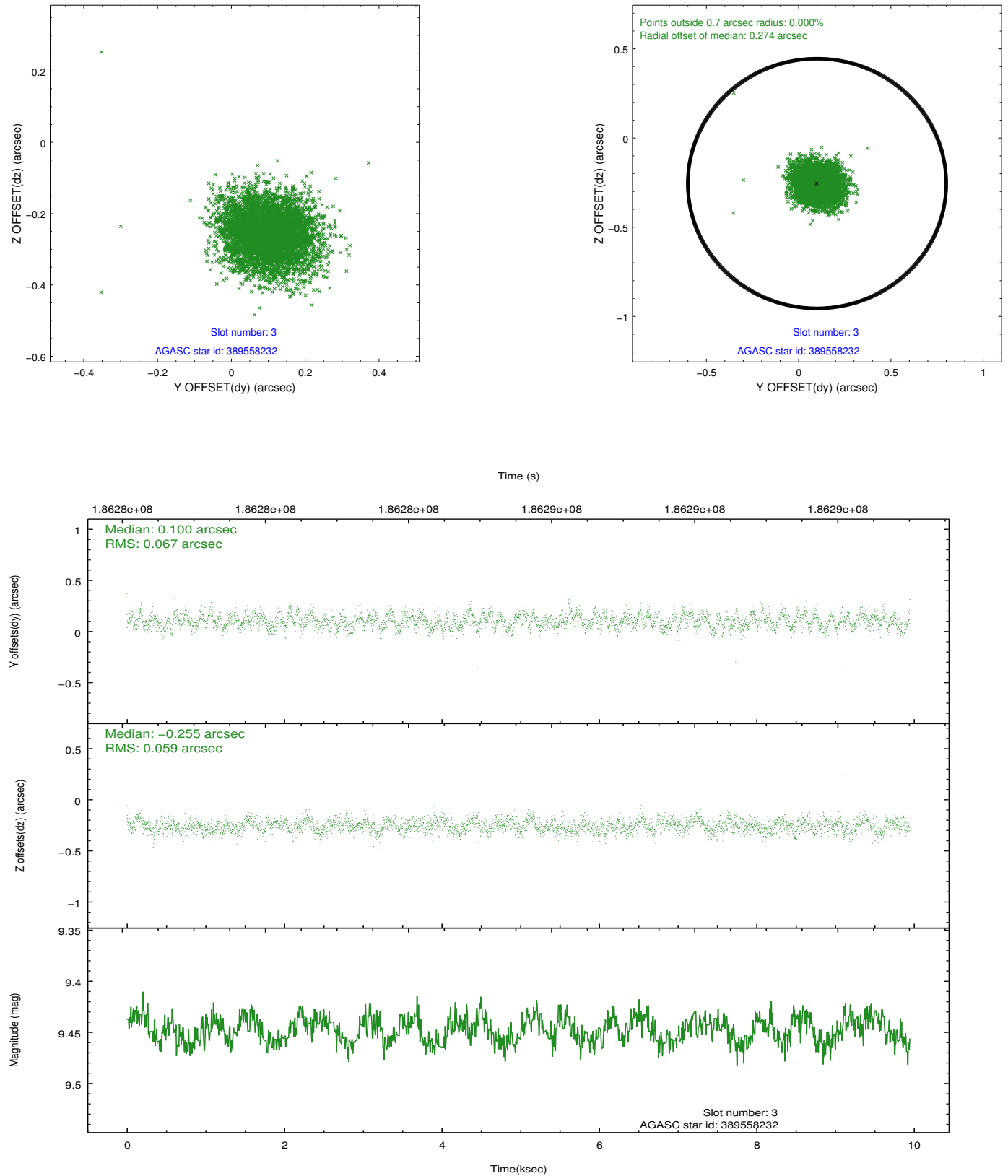


Slot Statistics

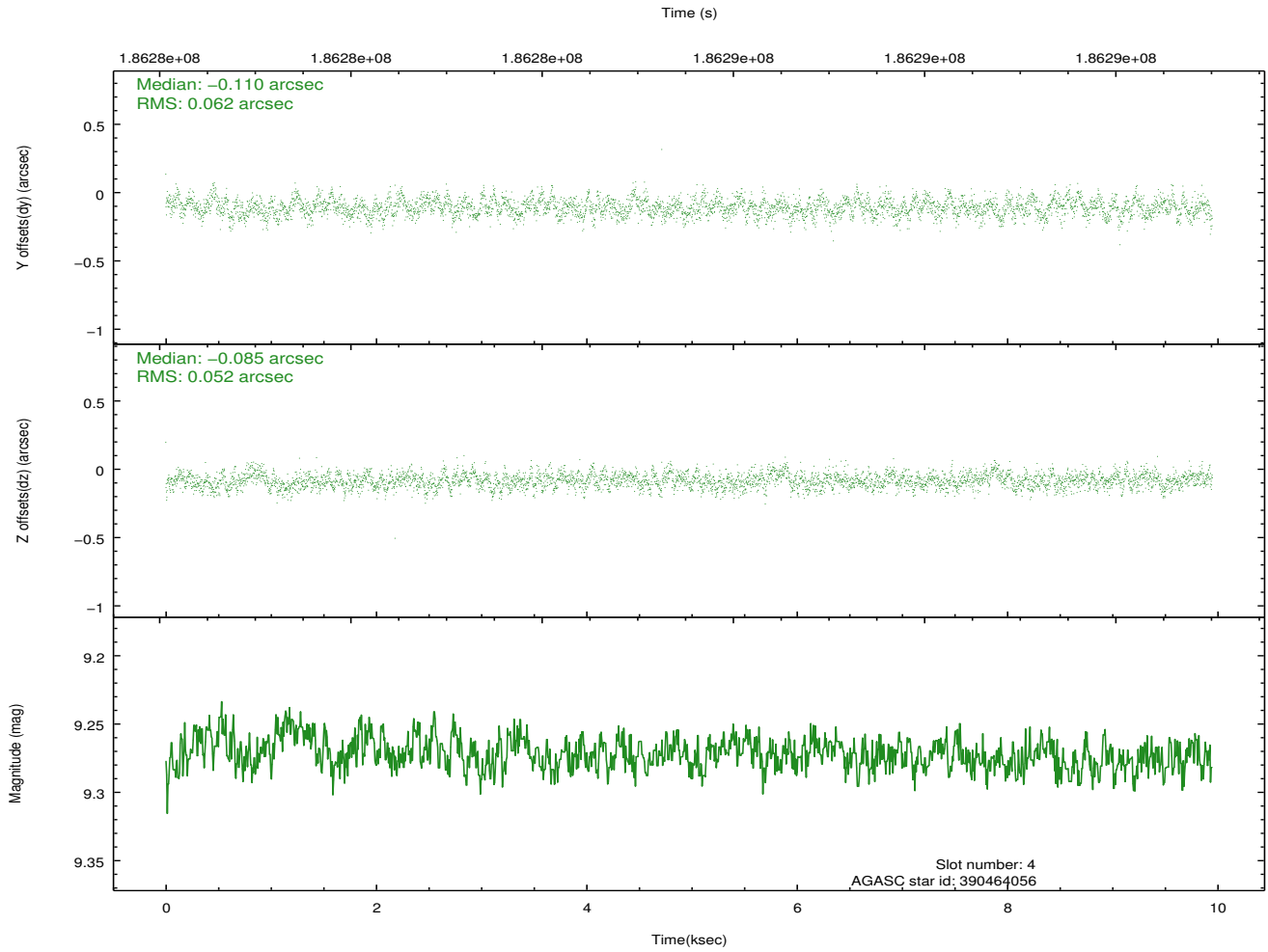
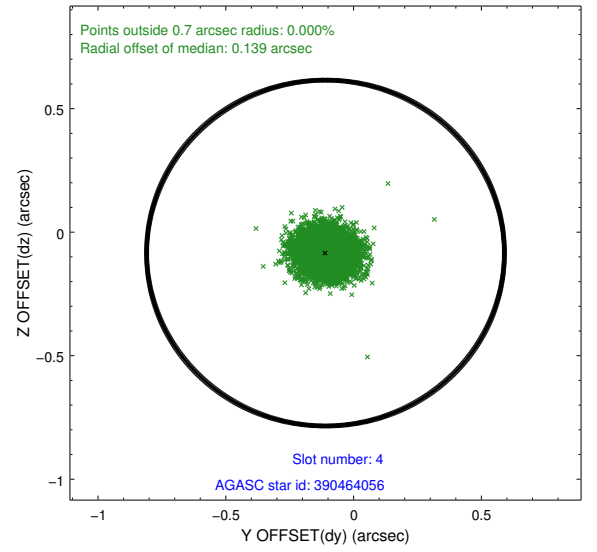
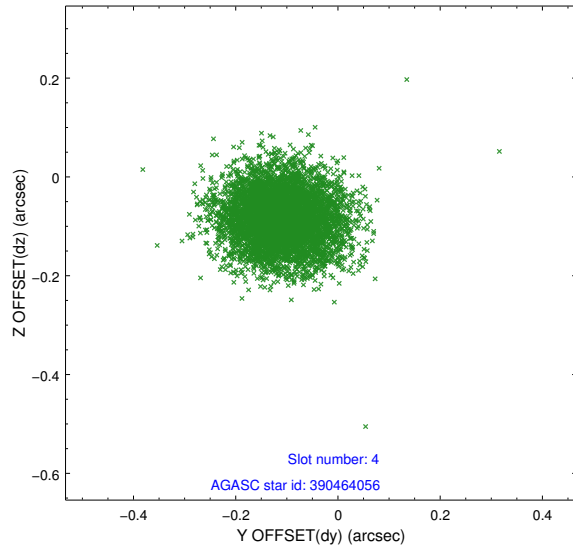
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	2427	0.049	-0.018	0.006	0.011	0.000000	0.000000	935.56	-1726.13
1	FID	ACIS-S-5	7.24	2427	-0.075	0.044	0.006	0.011	0.000000	0.000000	-1813.27	170.92
2	FID	ACIS-S-6	7.35	2426	0.004	-0.014	0.007	0.011	0.000000	0.000000	400.49	815.44
3	GUIDE	389558232	9.45	4851	0.100	-0.255	0.096	0.152	119.991669	43.618561	-1925.60	1539.04
4	GUIDE	390464056	9.27	4852	-0.110	-0.085	0.087	0.138	120.304126	44.805145	2229.20	262.69
5	GUIDE	390466408	8.27	4854	-0.146	0.120	0.058	0.094	121.102205	44.605508	1301.67	-1693.14
6	GUIDE	390472904	8.20	4854	0.090	0.177	0.070	0.107	120.566717	44.022111	-645.23	-105.05
7	GUIDE	390475128	7.73	4853	0.066	0.040	0.075	0.115	120.989320	43.839429	-1413.44	-1126.40

2.4 Star Slots

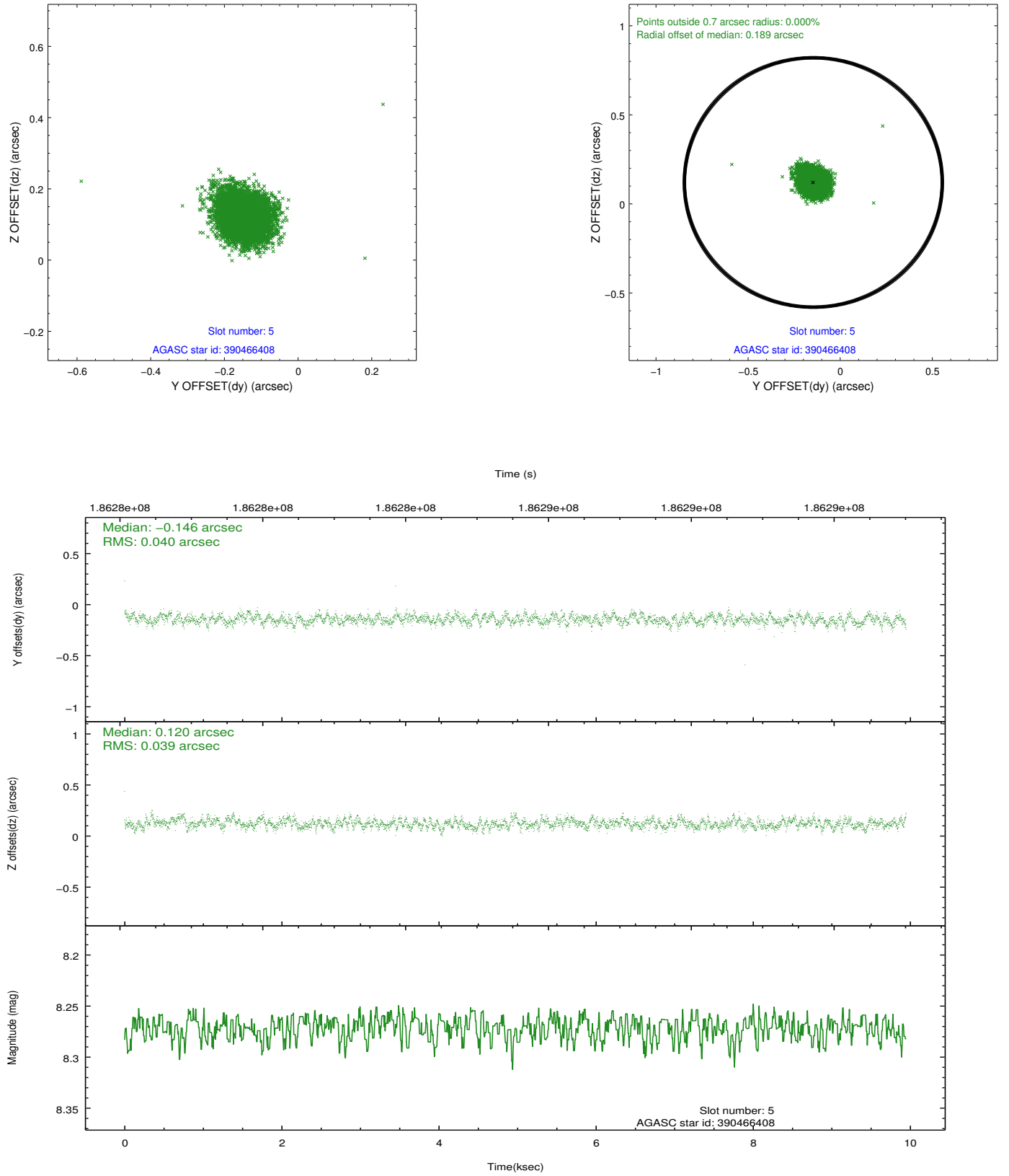
2.4.1 Slot 3



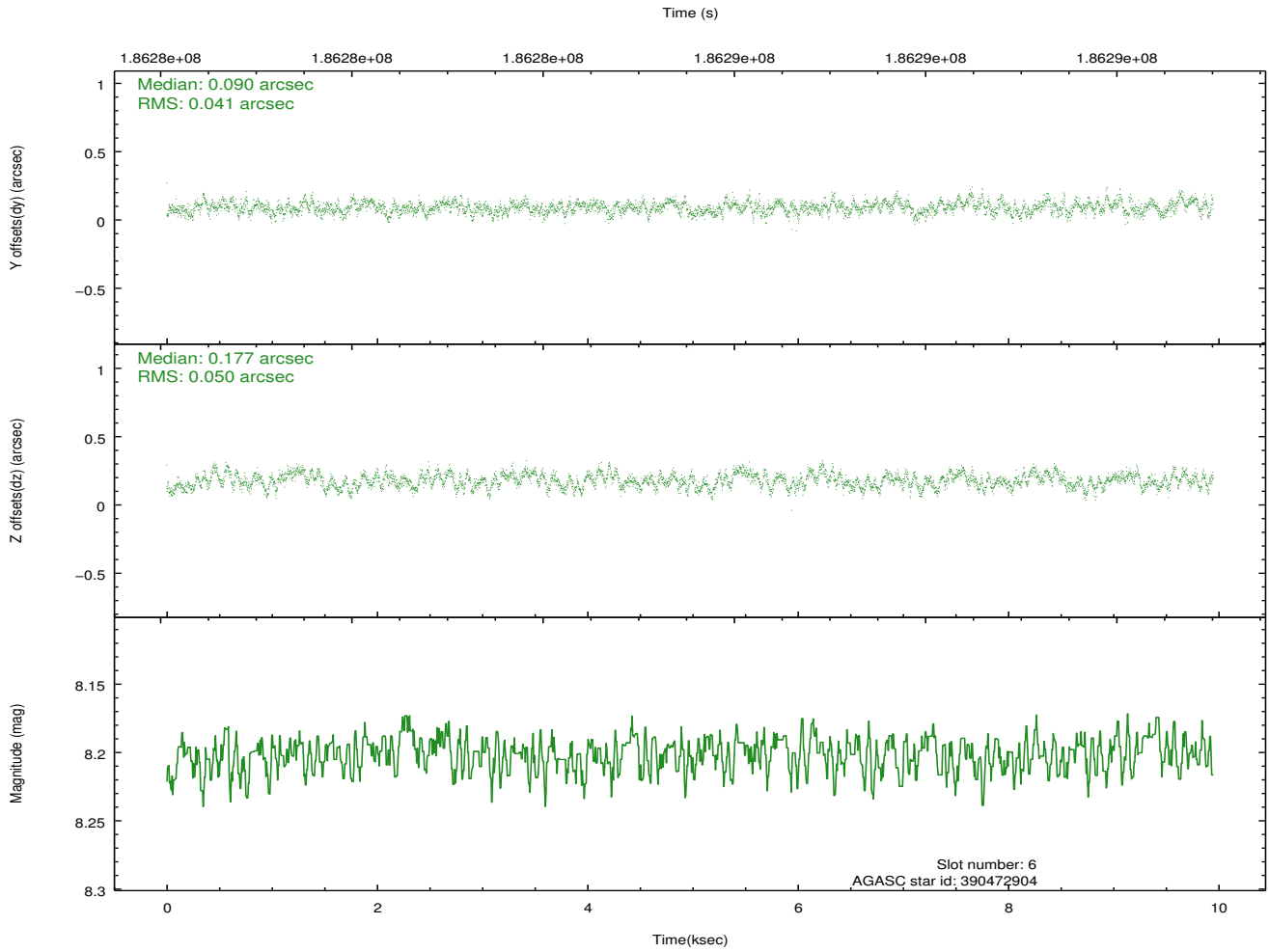
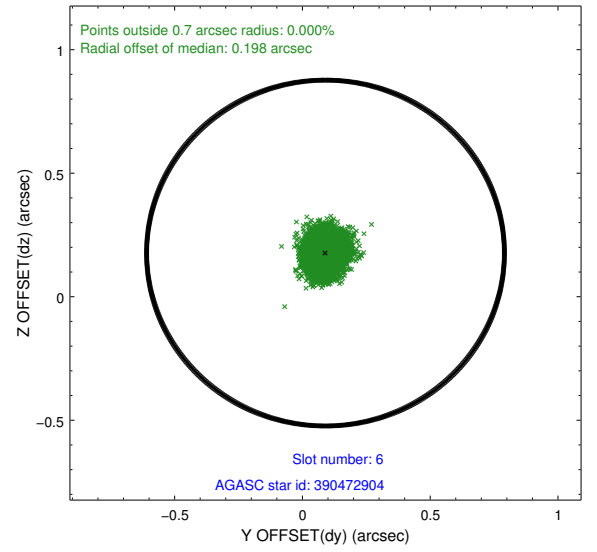
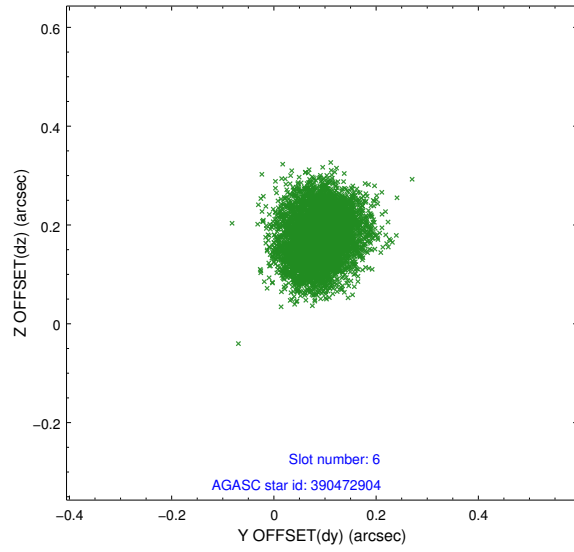
2.4.2 Slot 4



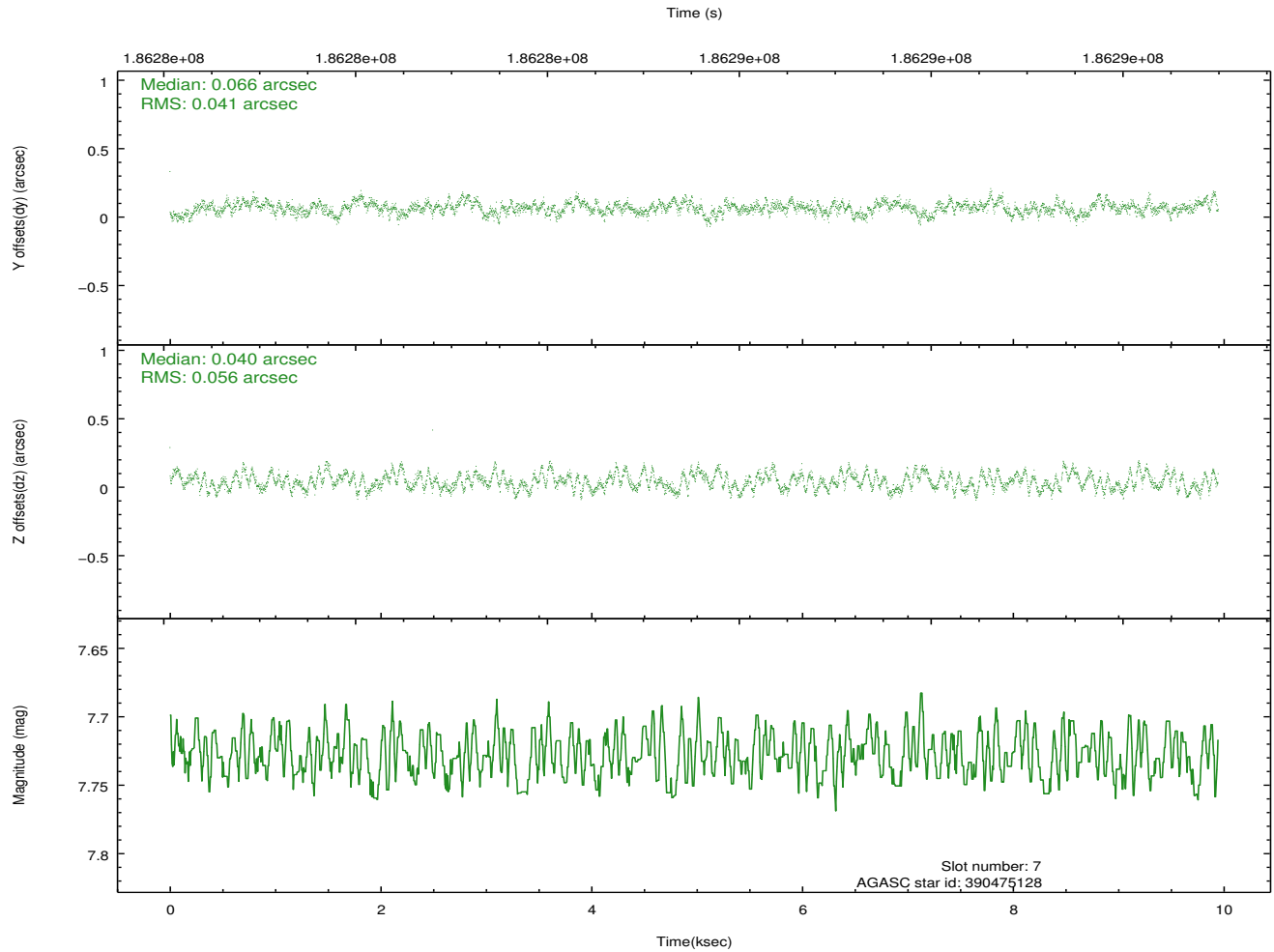
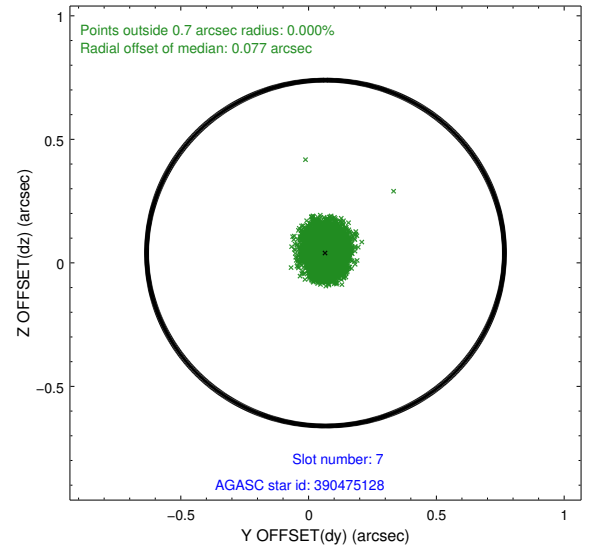
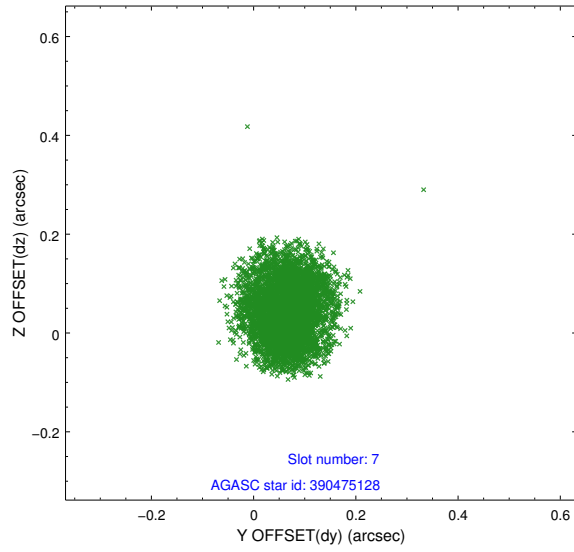
2.4.3 Slot 5



2.4.4 Slot 6

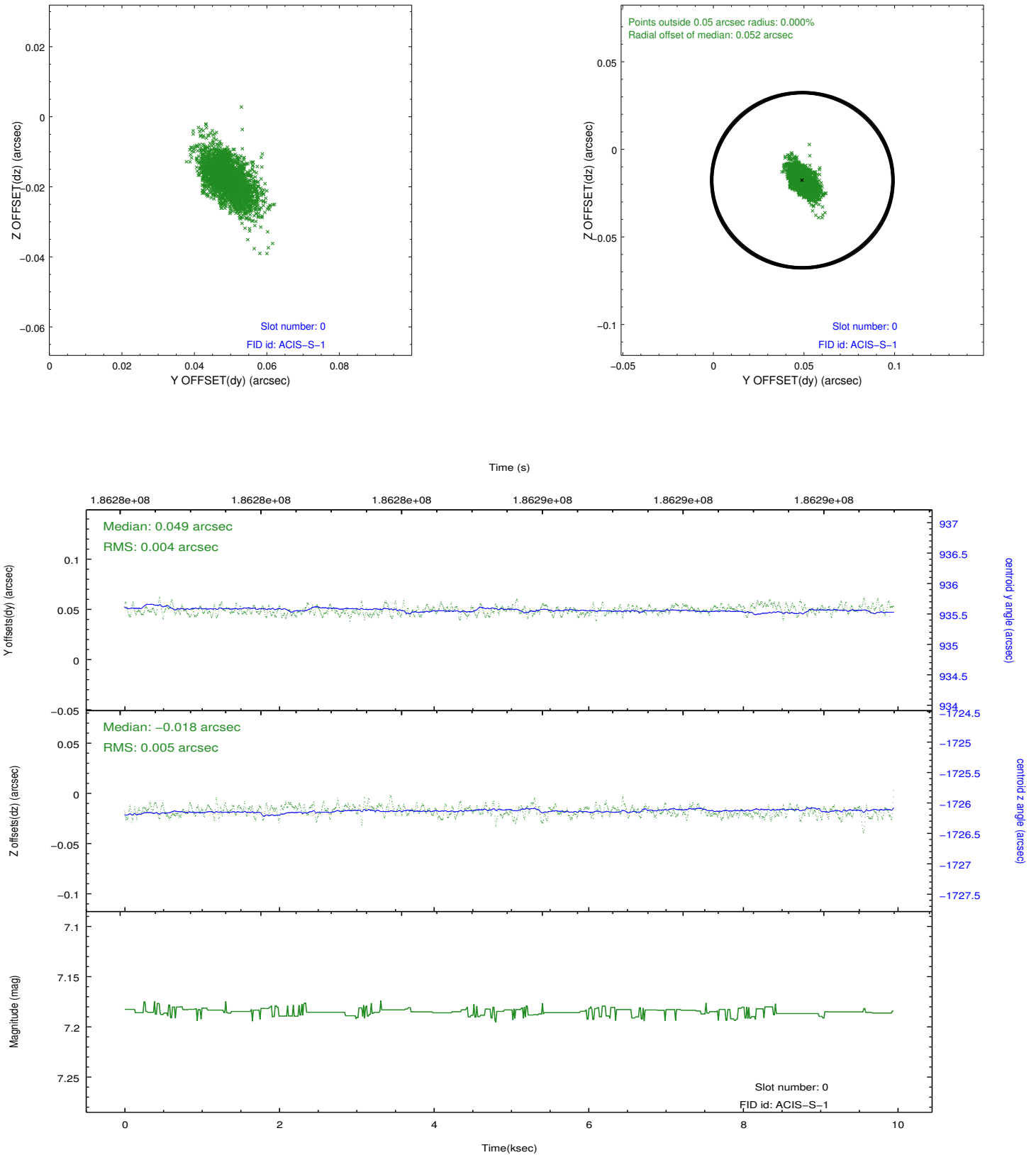


2.4.5 Slot 7

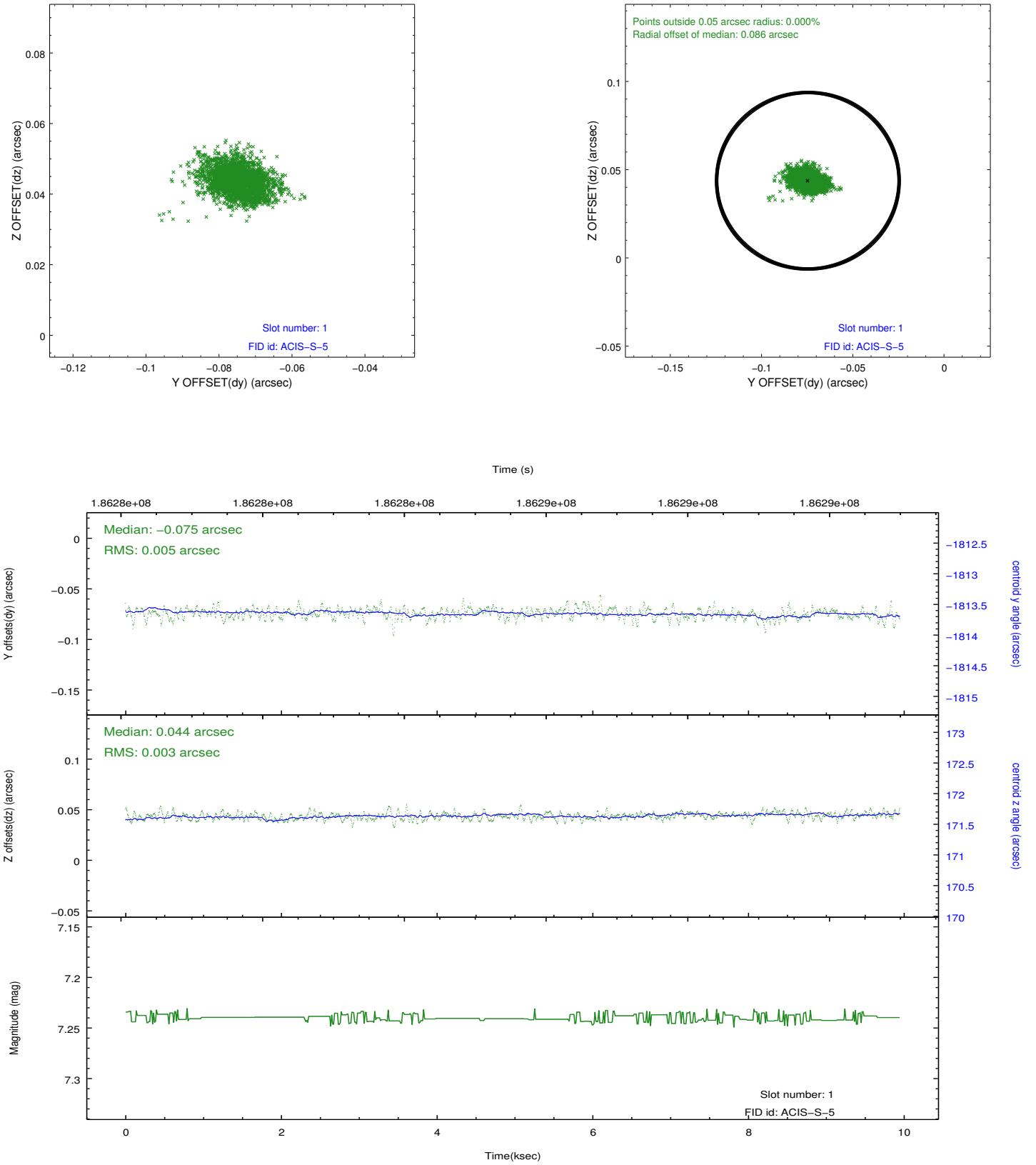


2.5 FID Slots

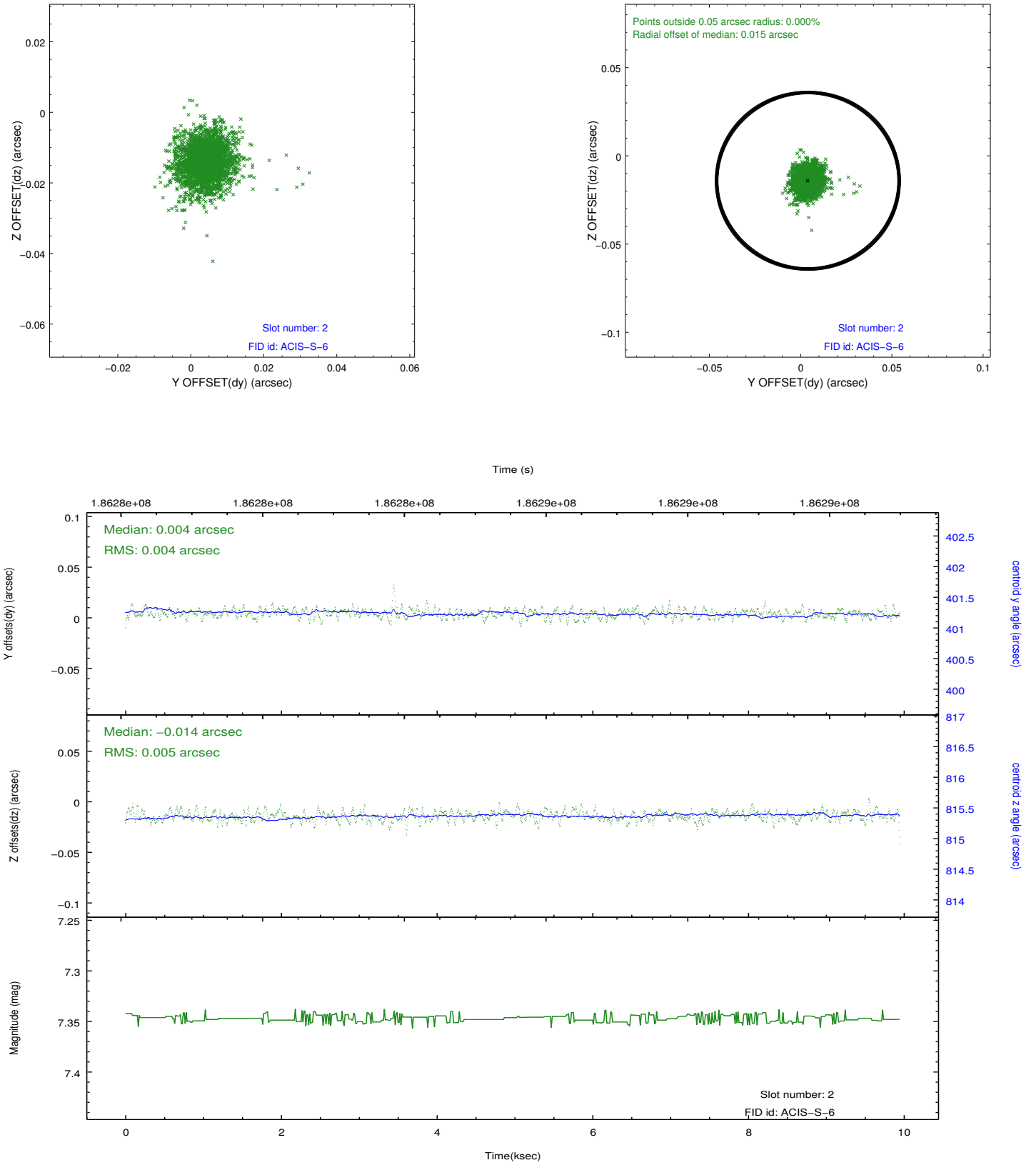
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.11.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.942

A.2 Comments