

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6883 - L2 Version 2
Chandra X-Ray Center

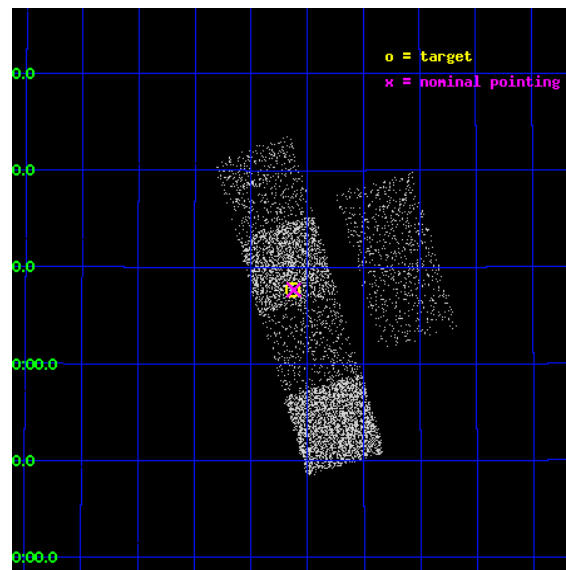
L2 Processing Date : Apr 7 2012

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1 Front

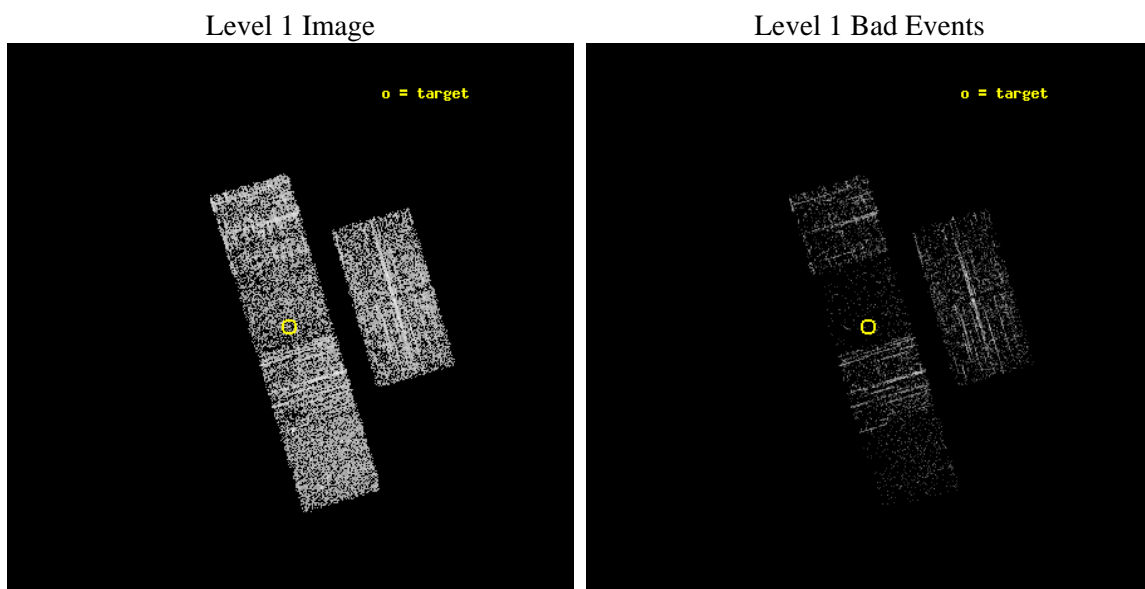
seq_num	701300	Sequence number
obs_id	6883	Observation id
title	A Uniform Chandra Survey of the Brightest and Most Extreme SDSS BALQSOs	Proposal title
observer	Dr. Scott Anderson	Principal investigator
object	SDSS J160207.6+380743.1	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	240.532083	Observer's specified target RA [deg]
dec_targ	38.128639	Observer's specified target Dec [deg]
ra_nom	240.5298817707	Nominal RA [deg]
dec_nom	38.127836494049	Nominal Dec [deg]
roll_nom	253.30041365876	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1042.0105286241	Sum of GTIs [s]
livetime	1028.8159638872	Livetime [s]
ontime2	1042.0515686274	Sum of GTIs [s]
ontime3	1041.8874086142	Sum of GTIs [s]
ontime5	1041.9694886208	Sum of GTIs [s]
ontime6	1041.9284486175	Sum of GTIs [s]
ontime7	1042.0105286241	Sum of GTIs [s]
ontime8	1041.8463686109	Sum of GTIs [s]
l2events	7085	Number of level 2 events



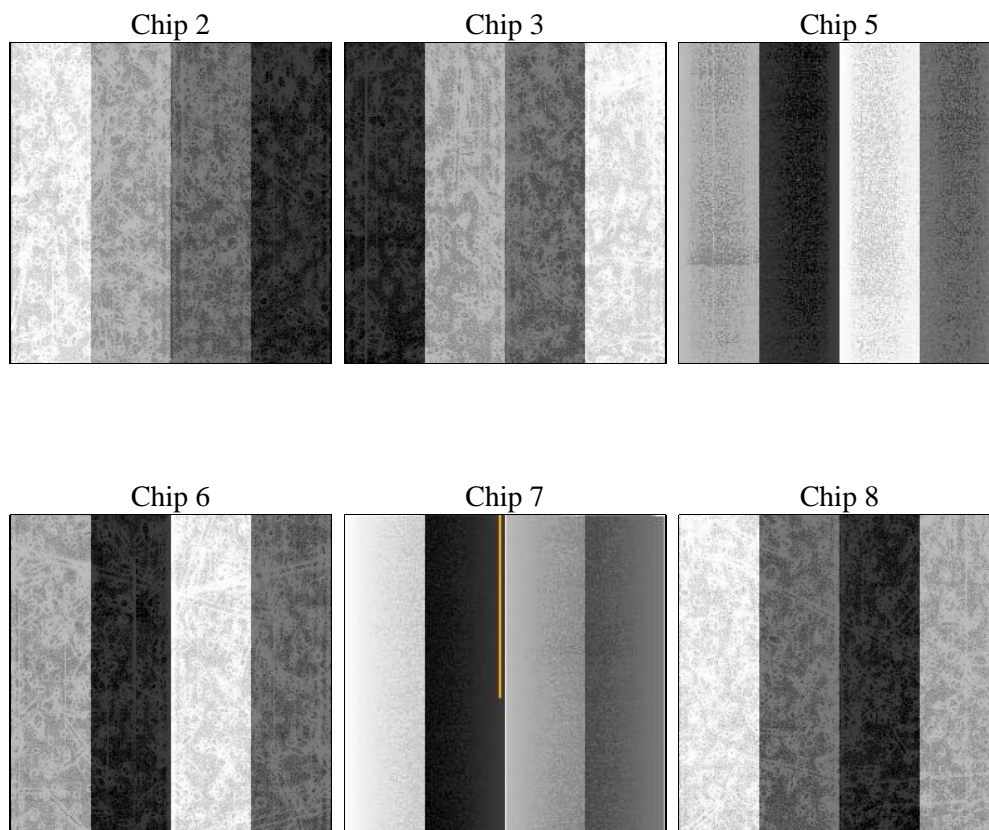
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	1042.0105286241	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	1042.0515686274	Sum of GTIs [s]
date	2012-04-07T08:35:28	Date and time of file creation	ontime3	1041.8874086142	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	1041.9694886208	Sum of GTIs [s]
			ontime6	1041.9284486175	Sum of GTIs [s]
			ontime7	1042.0105286241	Sum of GTIs [s]
			ontime8	1041.8463686109	Sum of GTIs [s]
			l1events	37627	Number of level 1 events

2.1.4 Events

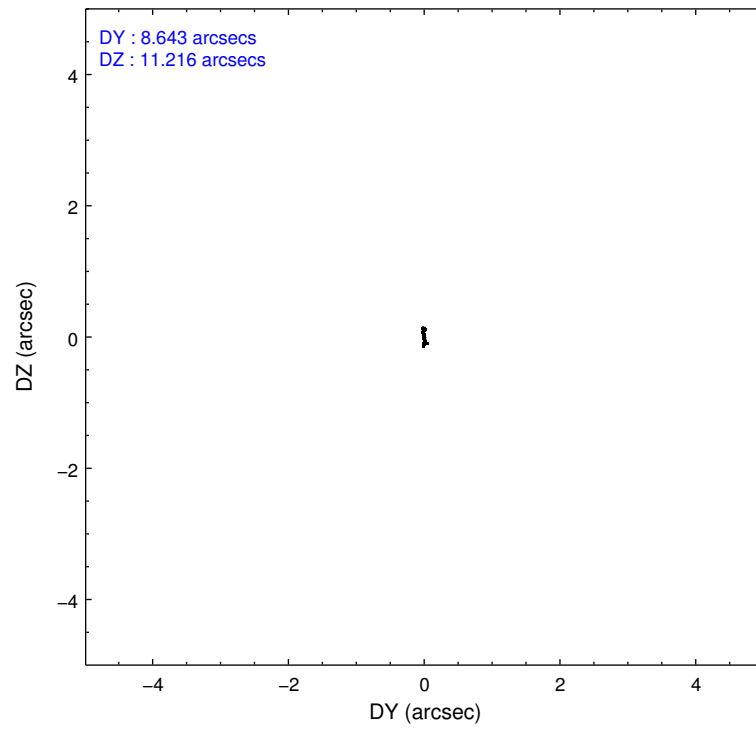
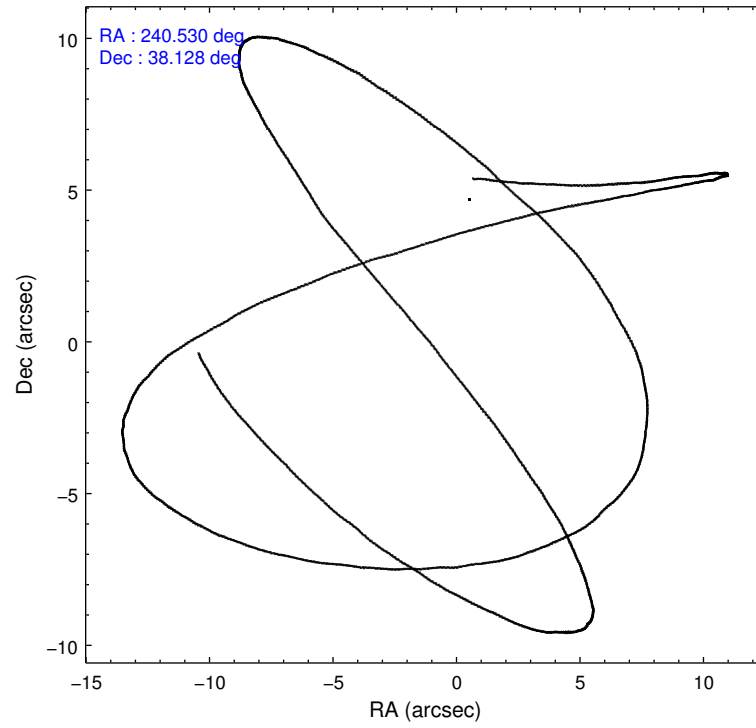
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	7127	6156	5652	7083	3756	7853
rejected events	6571	5623	2275	6478	1604	5773
rejected %	92%	91%	40%	91%	42%	73%

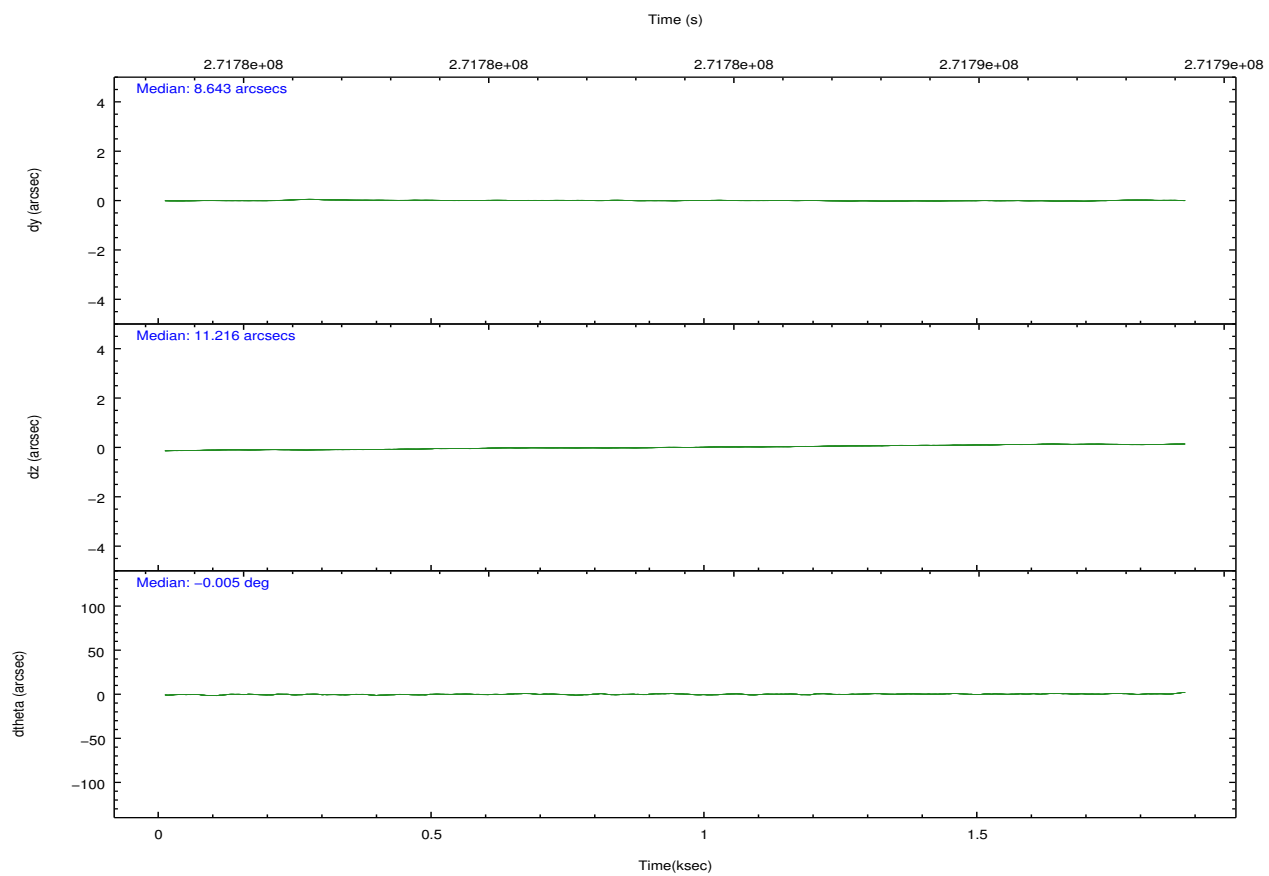
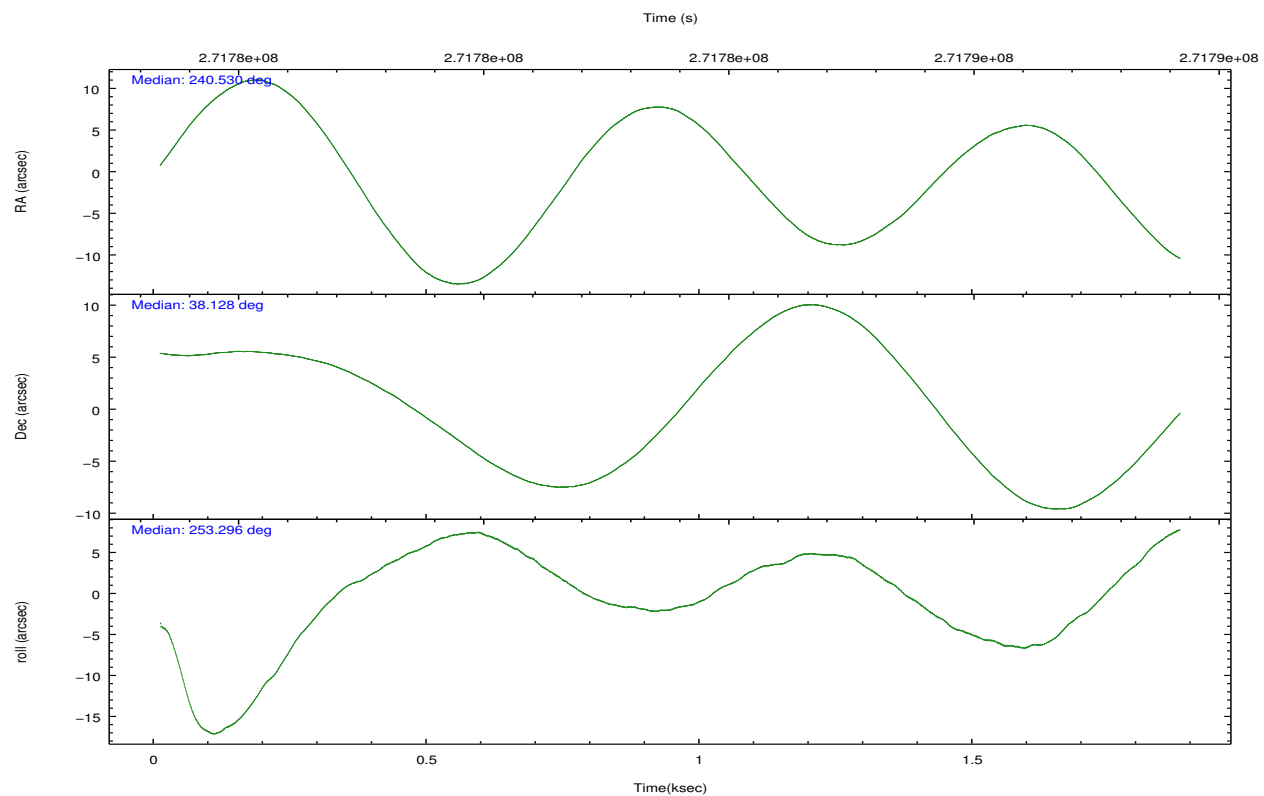
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	248	223	396	247	276	574
	3%	3%	7%	3%	7%	7%
grade 1 events	3	5	15	6	11	8
	0%	0%	0%	0%	0%	0%
grade 2 events	112	107	1130	130	524	477
	1%	1%	19%	1%	13%	6%
grade 3 events	51	62	176	63	231	264
	0%	1%	3%	0%	6%	3%
grade 4 events	54	79	182	71	223	226
	0%	1%	3%	1%	5%	2%
grade 5 events	109	136	455	128	375	217
	1%	2%	8%	1%	9%	2%
grade 6 events	92	68	1510	97	902	582
	1%	1%	26%	1%	24%	7%
grade 7 events	6458	5476	1788	6341	1214	5505
	90%	88%	31%	89%	32%	70%

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	240.521170	240.5298817707039	Subarray requested	NONE	NONE
[deg] Pointing Dec	38.154341	38.12783649404948	Alternating exposures requested	N	N
[deg] Pointing Roll	253.149180	253.3004136587595	[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)	271784817.184000	271783467.17921			
Observation start date	2006-08-12T15:45:52	2006-08-12T15:24:27			
[s] Observation end time (MET)	271785817.184000	271786546.79186			
Observation end date	2006-08-12T16:02:32	2006-08-12T16:15:46			
Read mode	TIMED	TIMED			

2.3 Aspect



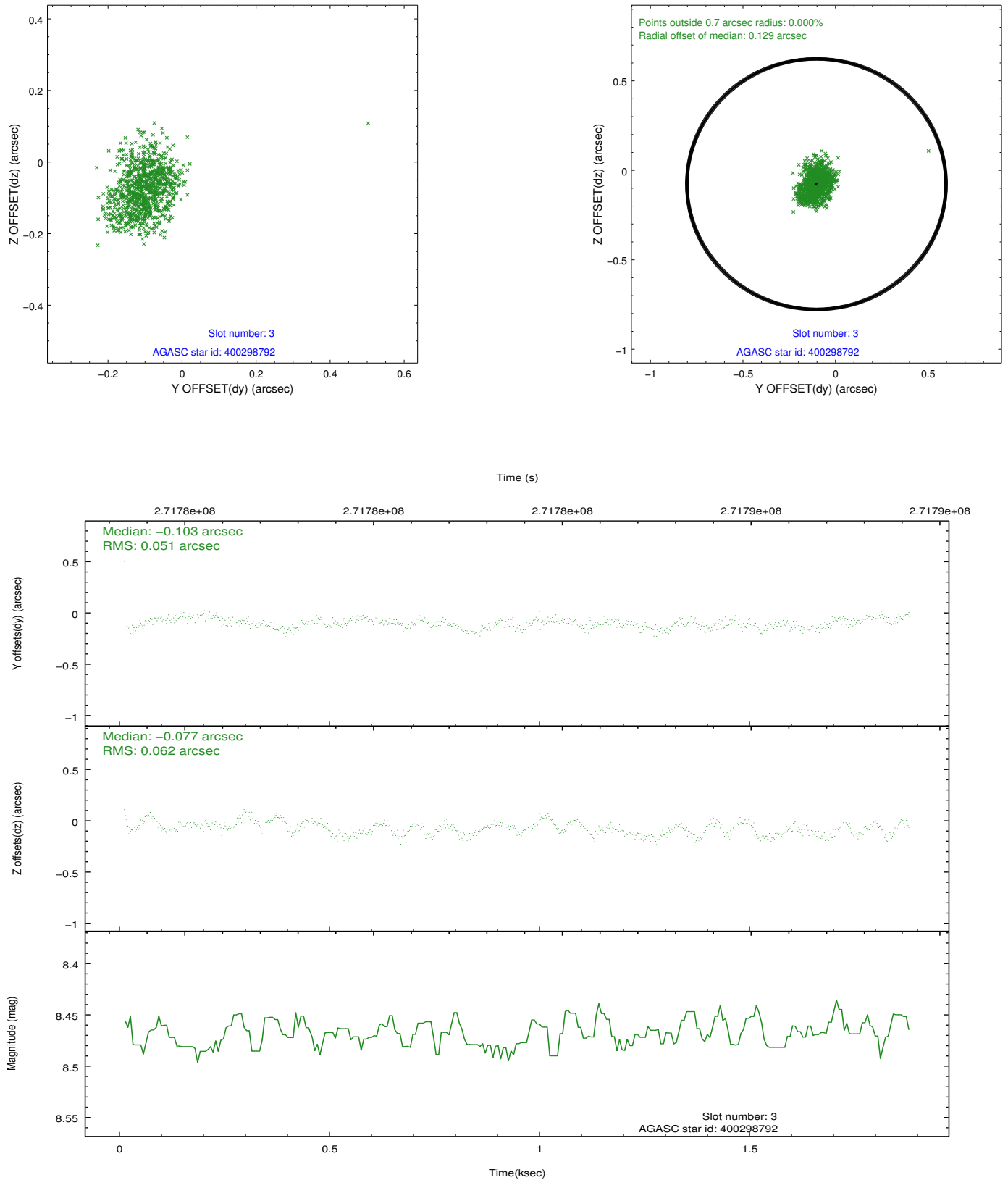


Slot Statistics

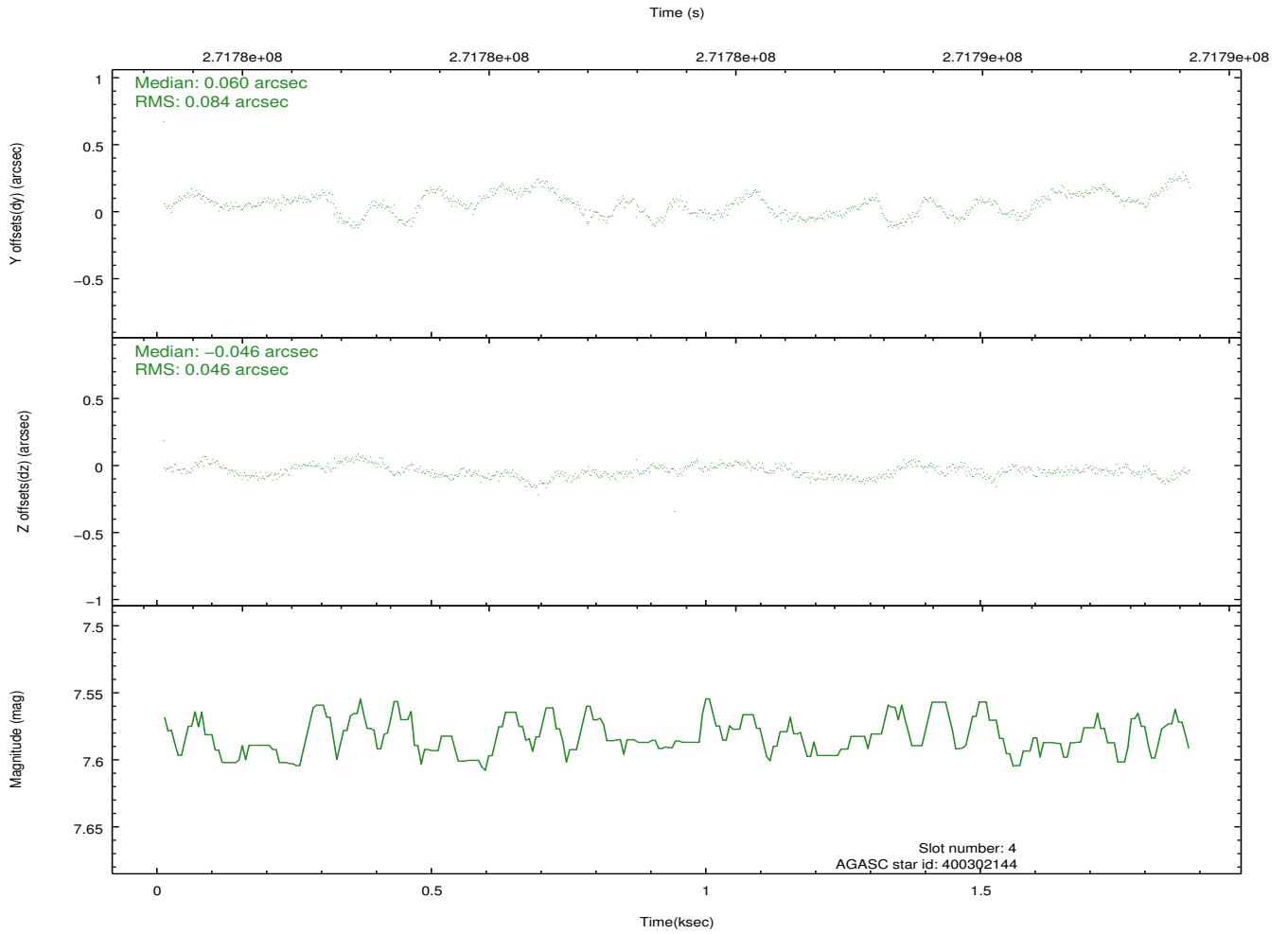
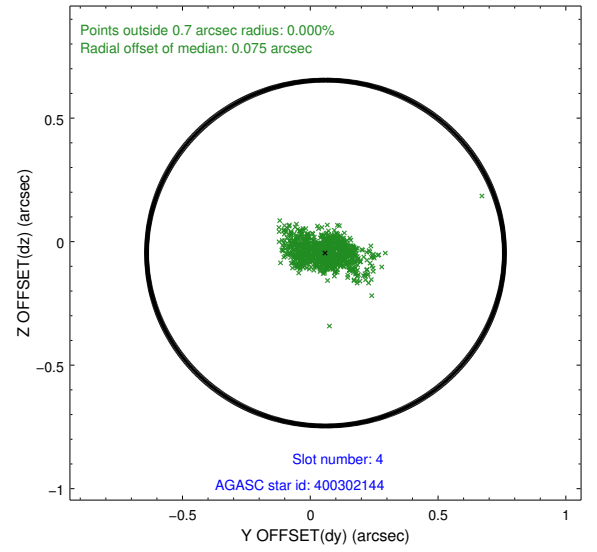
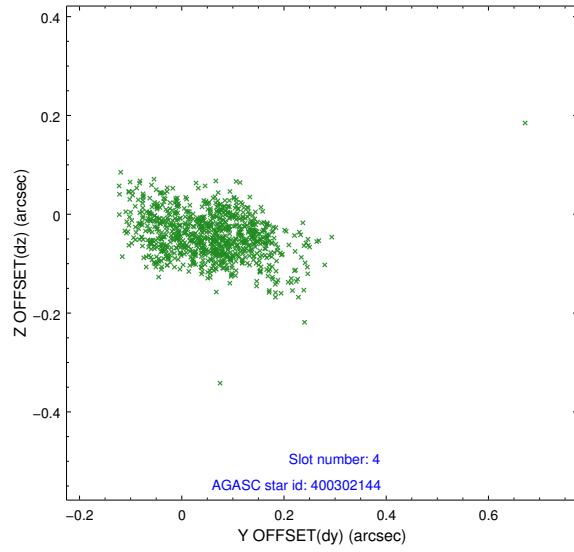
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	456	-0.035	-0.018	0.007	0.012	0.000000	0.000000	-761.45	-1732.53
1	FID	ACIS-S-4	7.21	456	0.140	0.022	0.006	0.010	0.000000	0.000000	2150.38	172.39
2	FID	ACIS-S-5	7.24	455	-0.137	0.006	0.006	0.012	0.000000	0.000000	-1809.89	169.99
3	GUIDE	400298792	8.47	912	-0.103	-0.077	0.084	0.130	239.924164	38.494552	-689.21	-1967.57
4	GUIDE	400302144	7.59	912	0.060	-0.046	0.099	0.171	239.601199	37.827483	1872.23	-2168.95
5	GUIDE	401214608	9.07	913	0.037	-0.035	0.075	0.121	240.801987	37.525959	1934.09	1419.74
6	GUIDE	338034760	10.53	909	0.036	0.032	0.230	0.367	240.664631	37.481648	2201.31	1095.21
7	GUIDE	401212576	9.37	912	-0.024	0.118	0.115	0.188	240.048814	37.761850	1741.93	-877.28

2.4 Star Slots

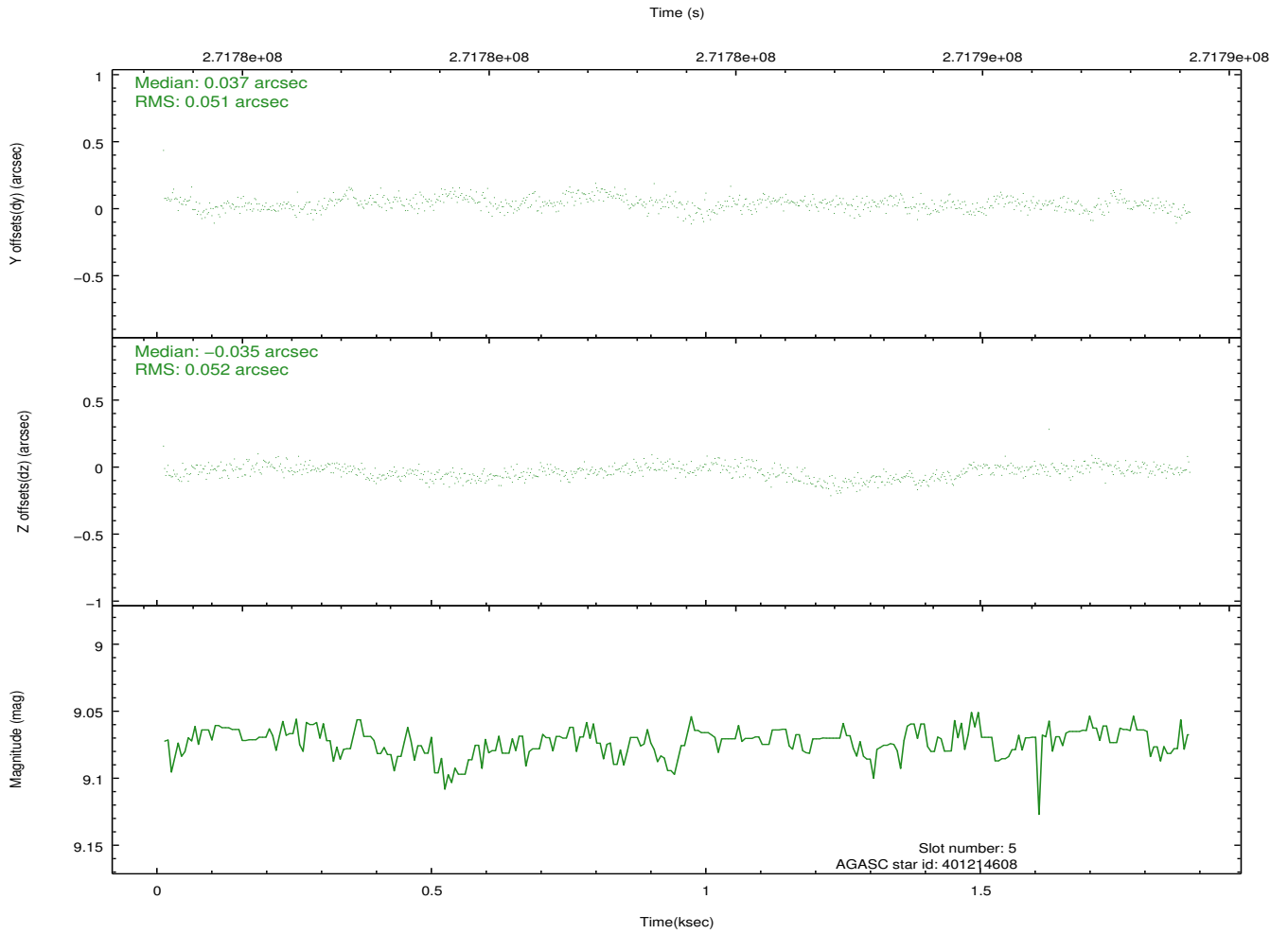
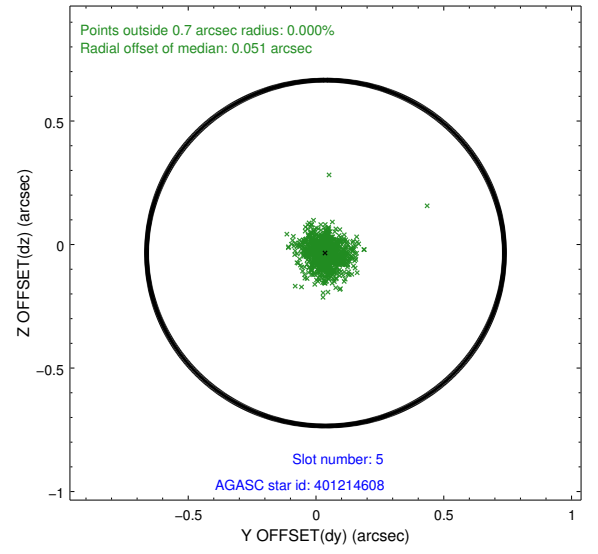
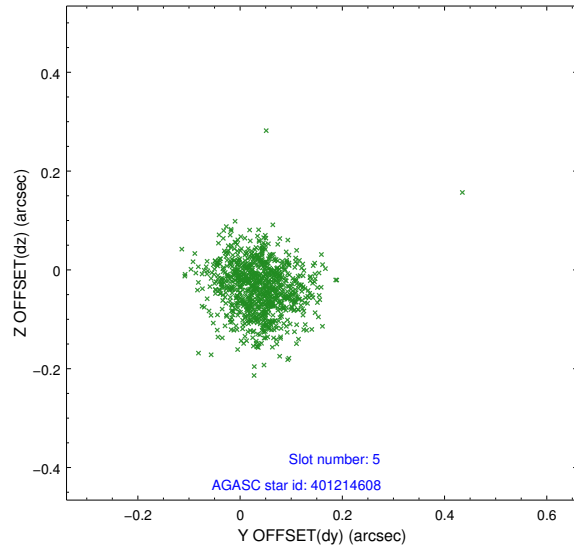
2.4.1 Slot 3



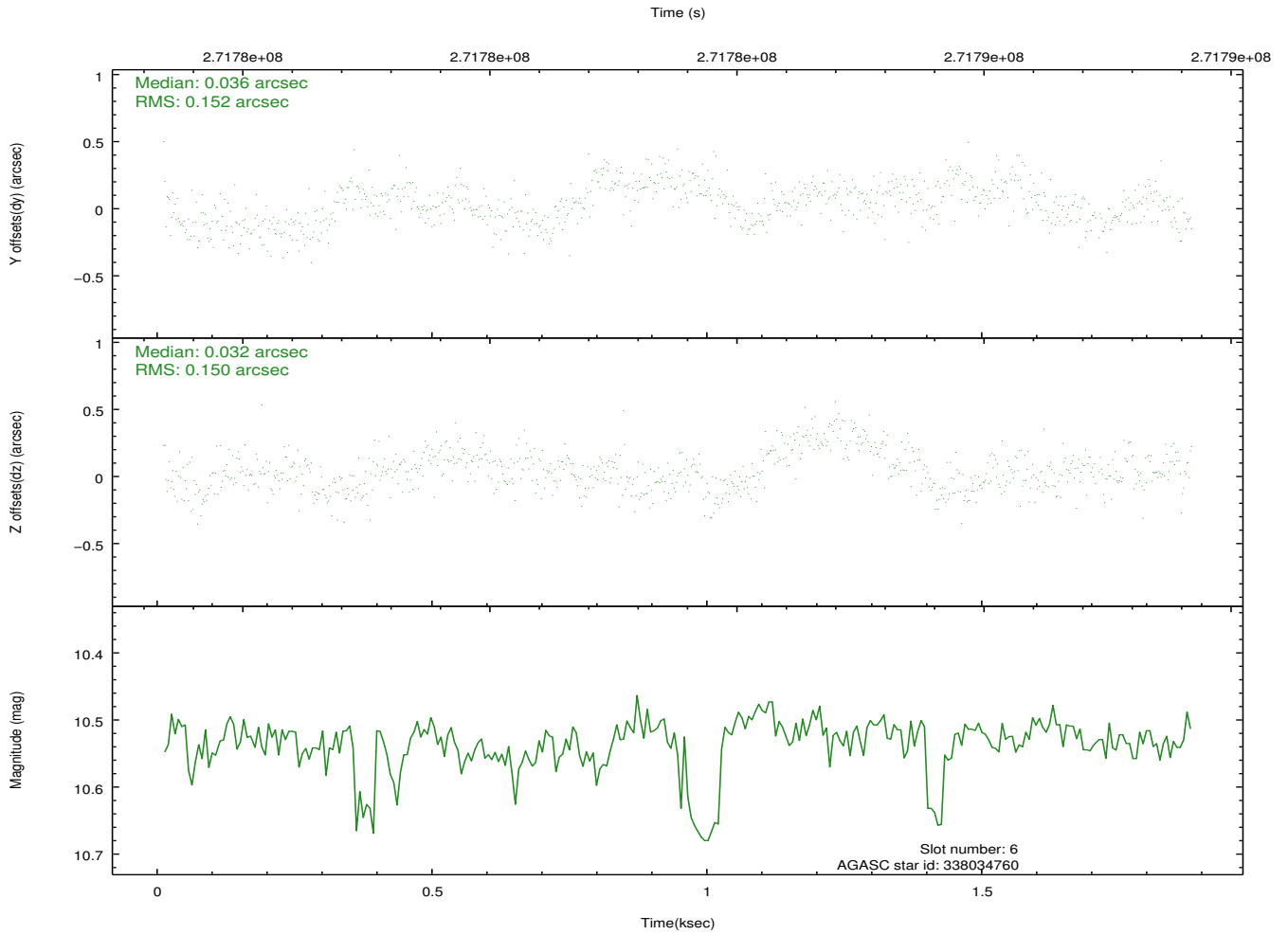
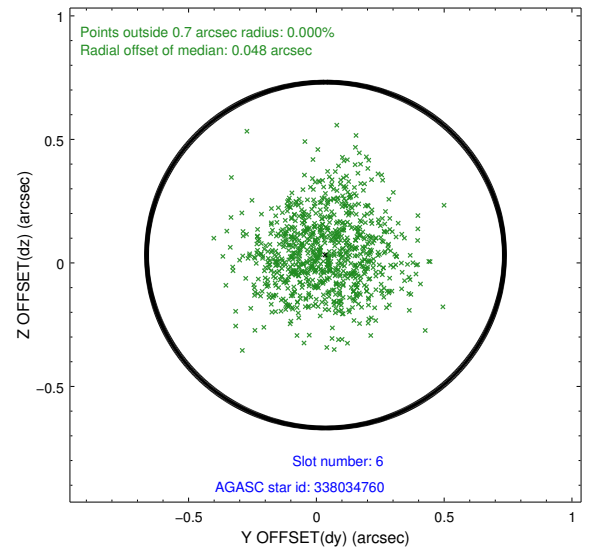
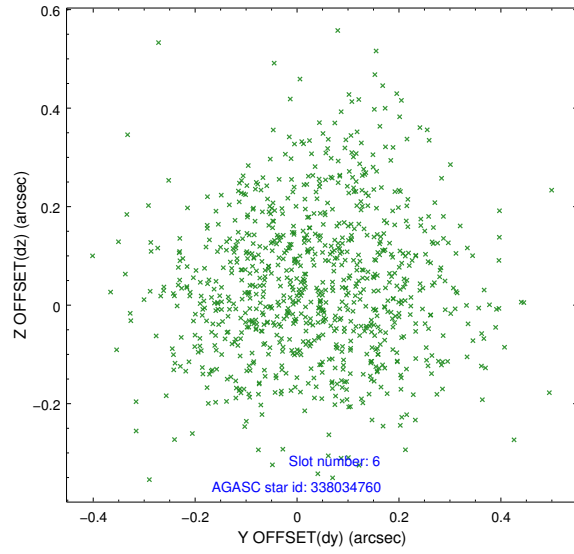
2.4.2 Slot 4



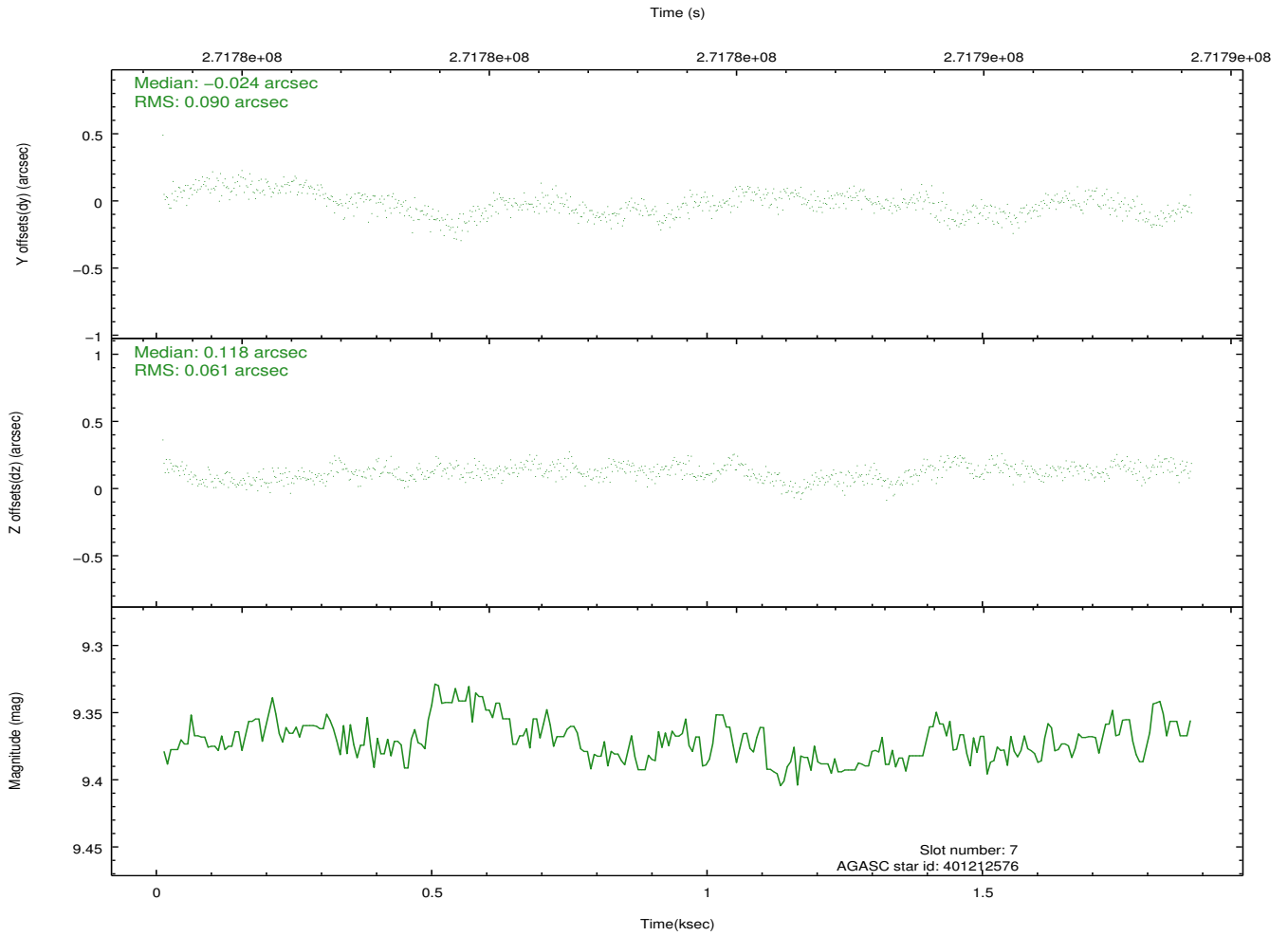
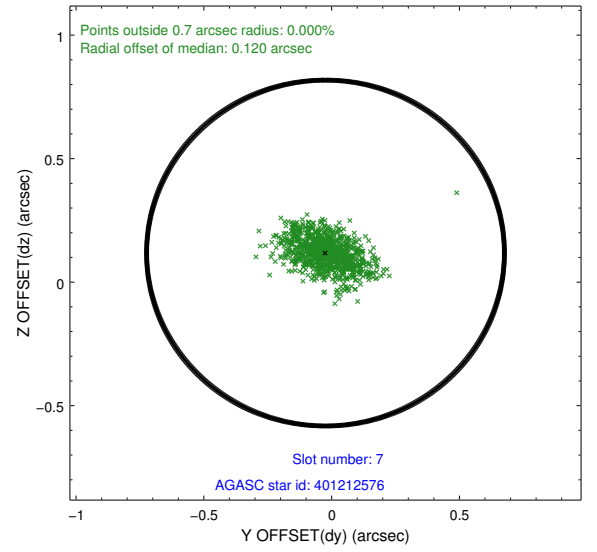
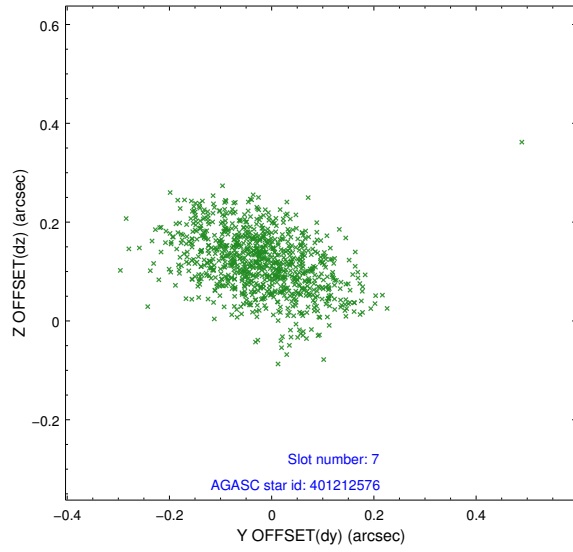
2.4.3 Slot 5



2.4.4 Slot 6

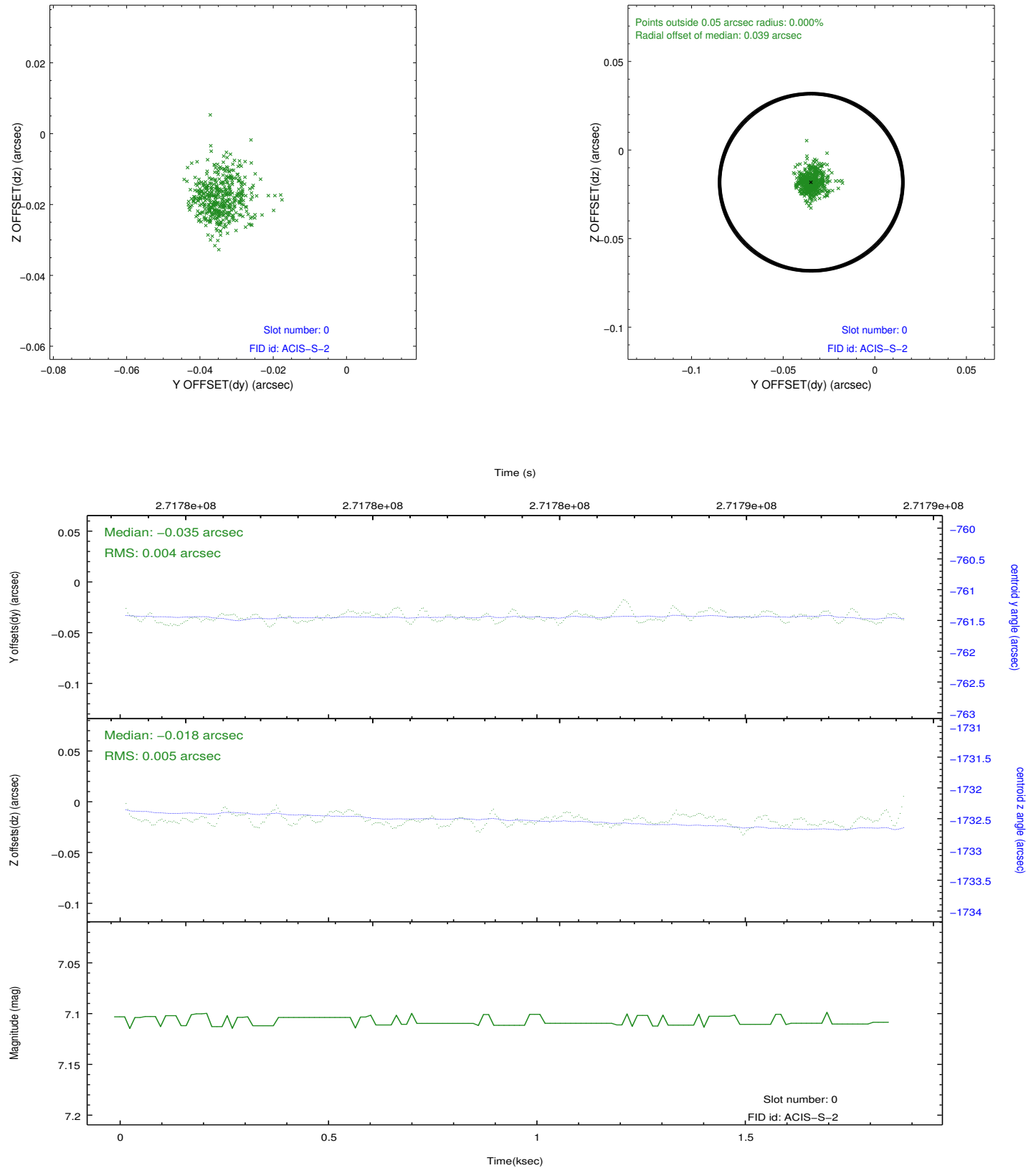


2.4.5 Slot 7

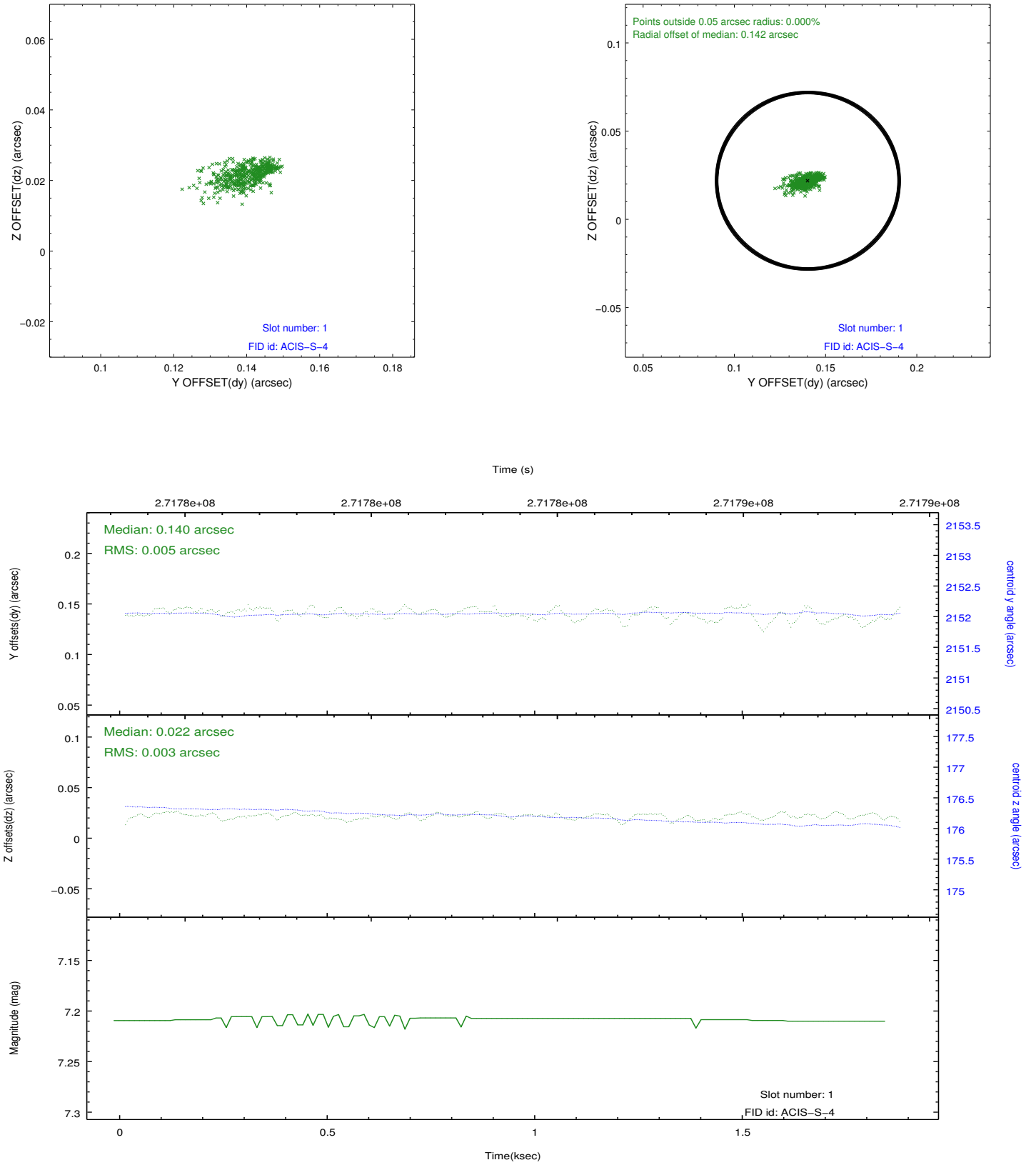


2.5 FID Slots

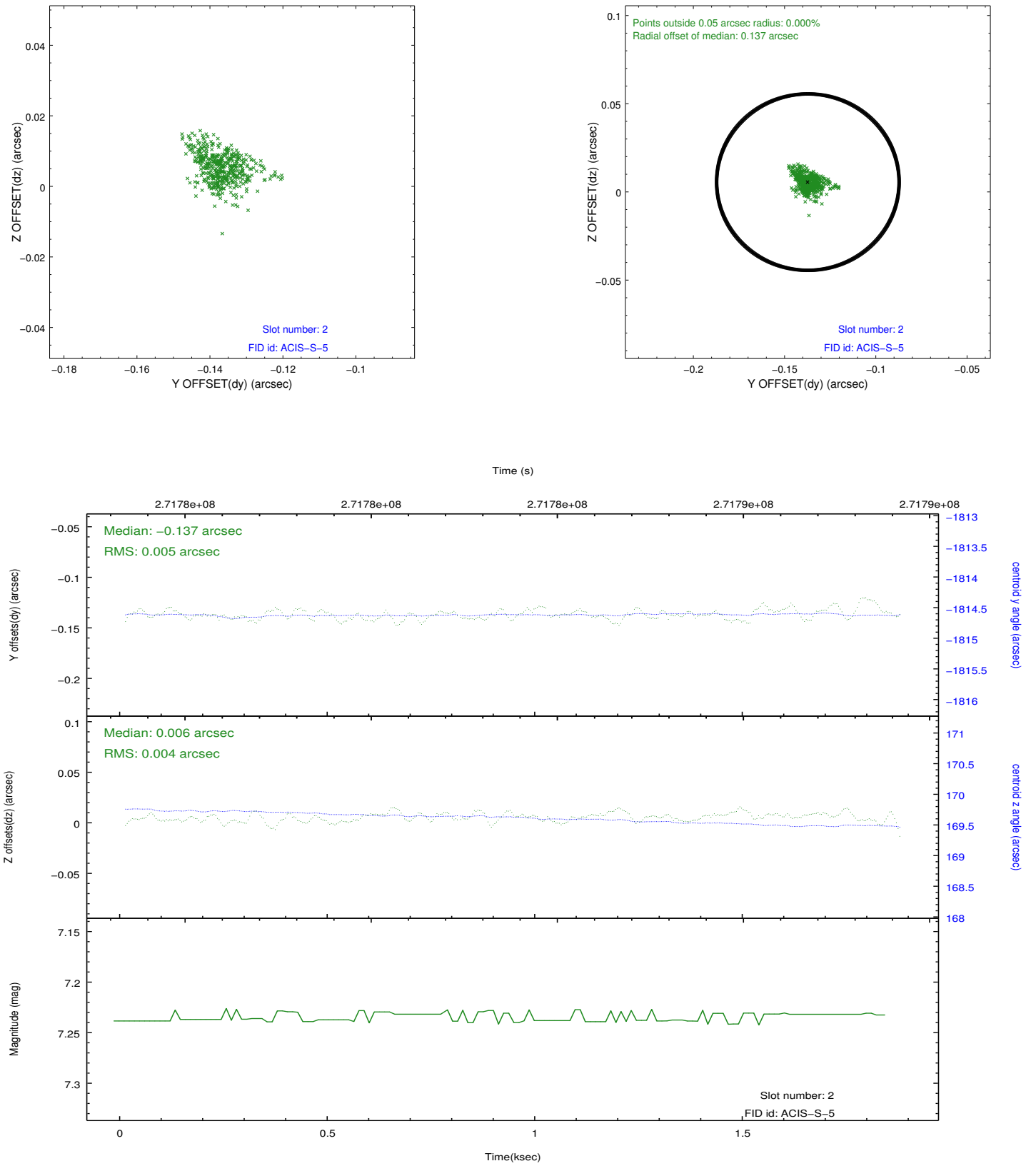
2.5.1 Slot 0



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)	2012.04.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.04319999

A.2 Comments