

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 1865 - L2 Version 4
Chandra X-Ray Center

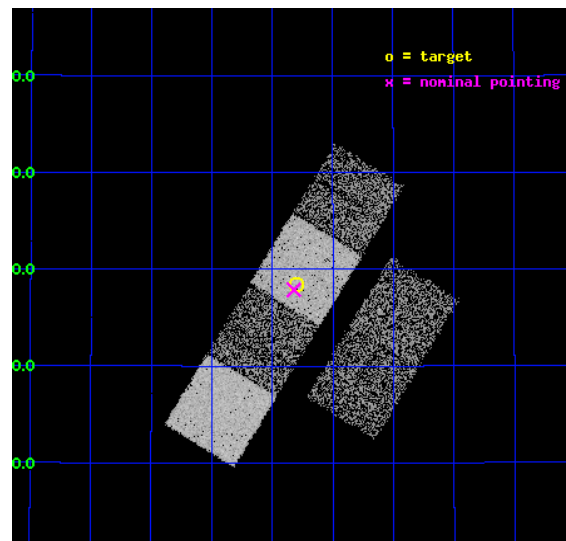
L2 Processing Date : Sep 25 2012

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1 Front

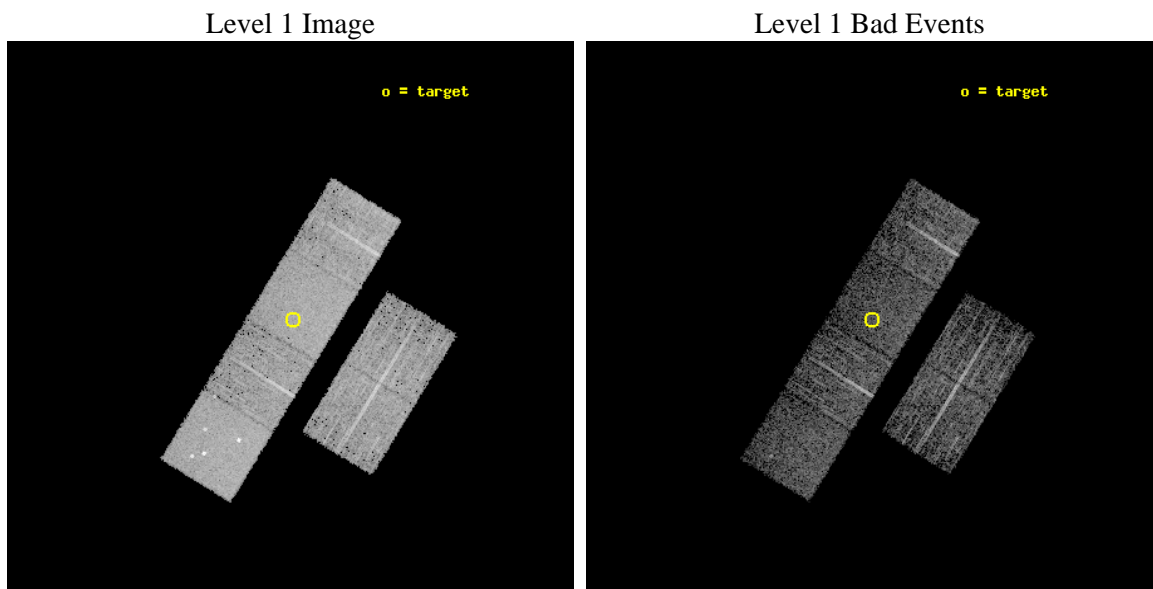
seq_num	200093	Sequence number
obs_id	1865	Observation id
title	A SEARCH FOR CORONAL X-RAYS FROM WHITE DWARFS BY CHANDRA	Proposal
observer	Dr. Zdzislaw Musielak	Principal investigator
object	GD 358	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	251.82625	Observer's specified target RA [deg]
dec_targ	32.47375	Observer's specified target Dec [deg]
ra_nom	251.83058355629	Nominal RA [deg]
dec_nom	32.464683417371	Nominal Dec [deg]
roll_nom	301.54986706413	Nominal Roll [deg]
revision	4	Processing version of data
ontime	4947.2000045925	Sum of GTIs [s]
livetime	4884.5555792882	Livetime [s]
ontime2	4947.2000045925	Sum of GTIs [s]
ontime3	4947.2000045925	Sum of GTIs [s]
ontime5	4947.2000045925	Sum of GTIs [s]
ontime6	4947.2000045925	Sum of GTIs [s]
ontime7	4947.2000045925	Sum of GTIs [s]
ontime8	4947.2000045925	Sum of GTIs [s]
l2events	46258	Number of level 2 events



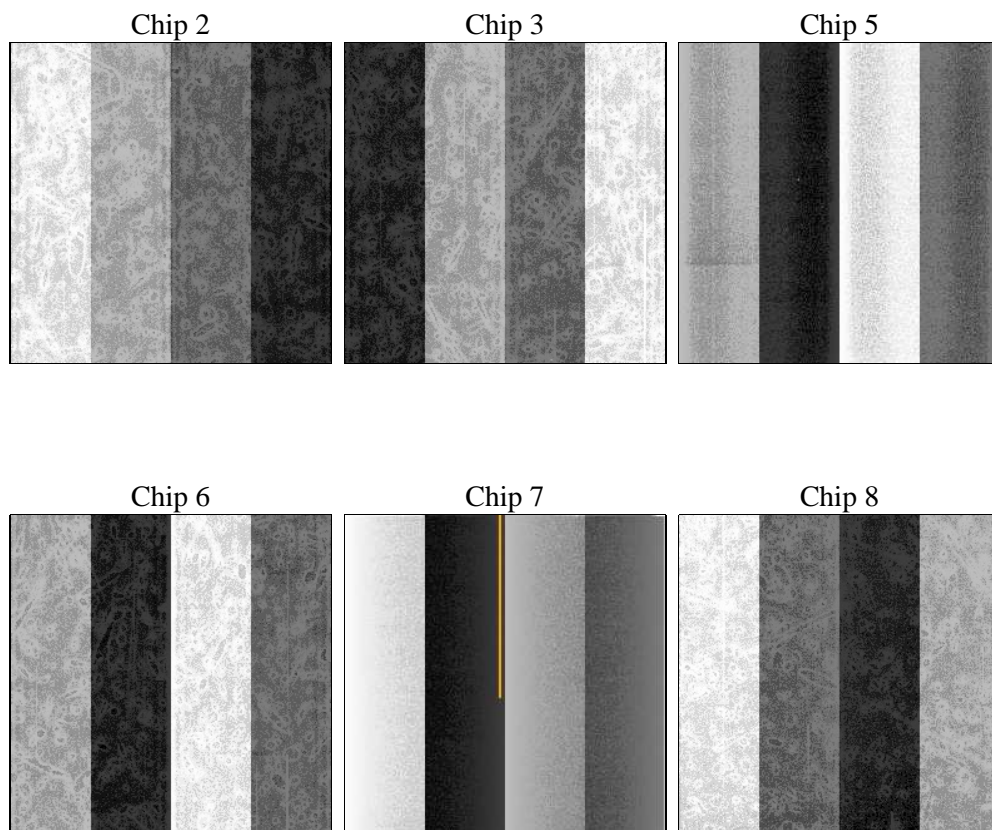
2 OBI

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	8.4.5	Processing system revision	ontime	4947.2000045925	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime2	4947.2000045925	Sum of GTIs [s]
date	2012-09-25T04:11:25	Date and time of file creation	ontime3	4947.2000045925	Sum of GTIs [s]
revision	4	Processing version of data	ontime5	4947.2000045925	Sum of GTIs [s]
			ontime6	4947.2000045925	Sum of GTIs [s]
			ontime7	4947.2000045925	Sum of GTIs [s]
			ontime8	4947.2000045925	Sum of GTIs [s]
			l1events	213827	Number of level 1 events

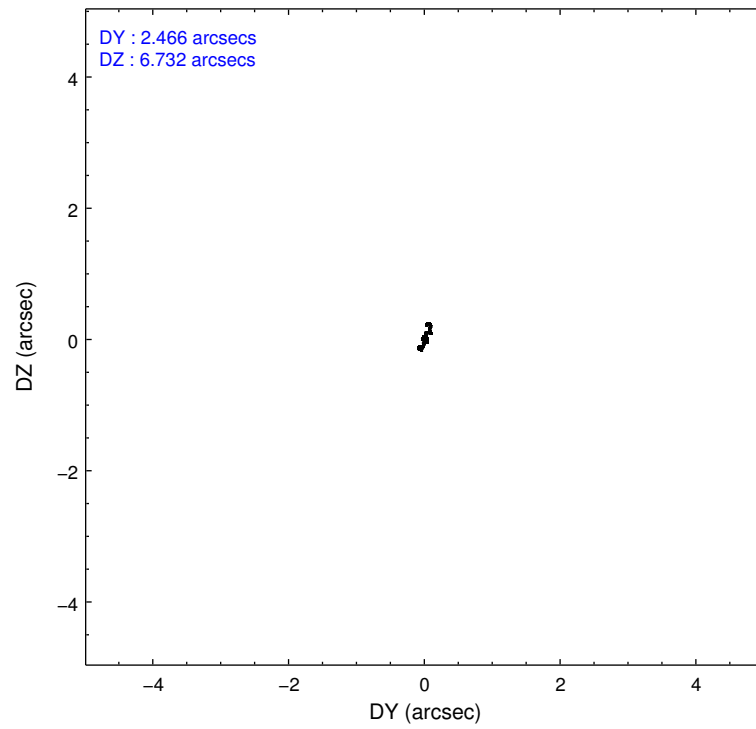
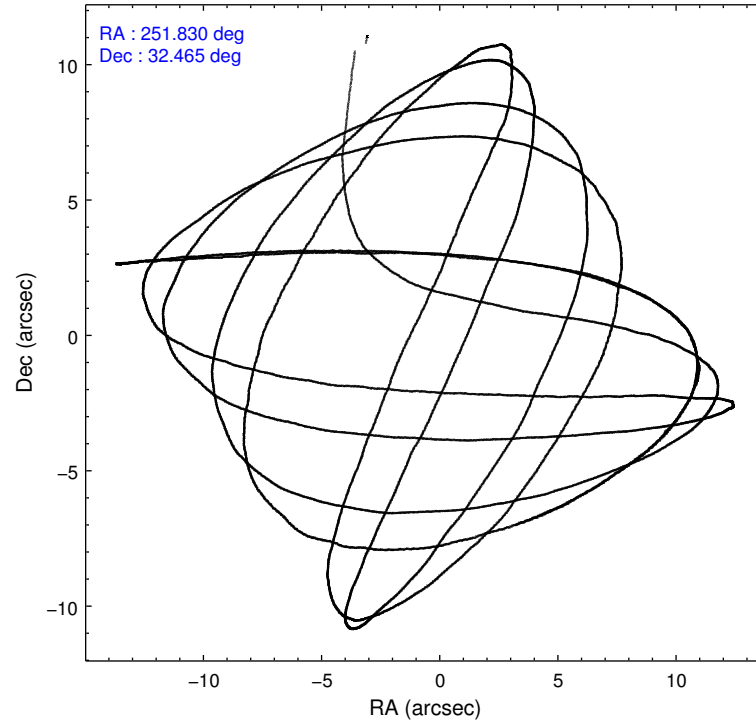
2.1.4 Events

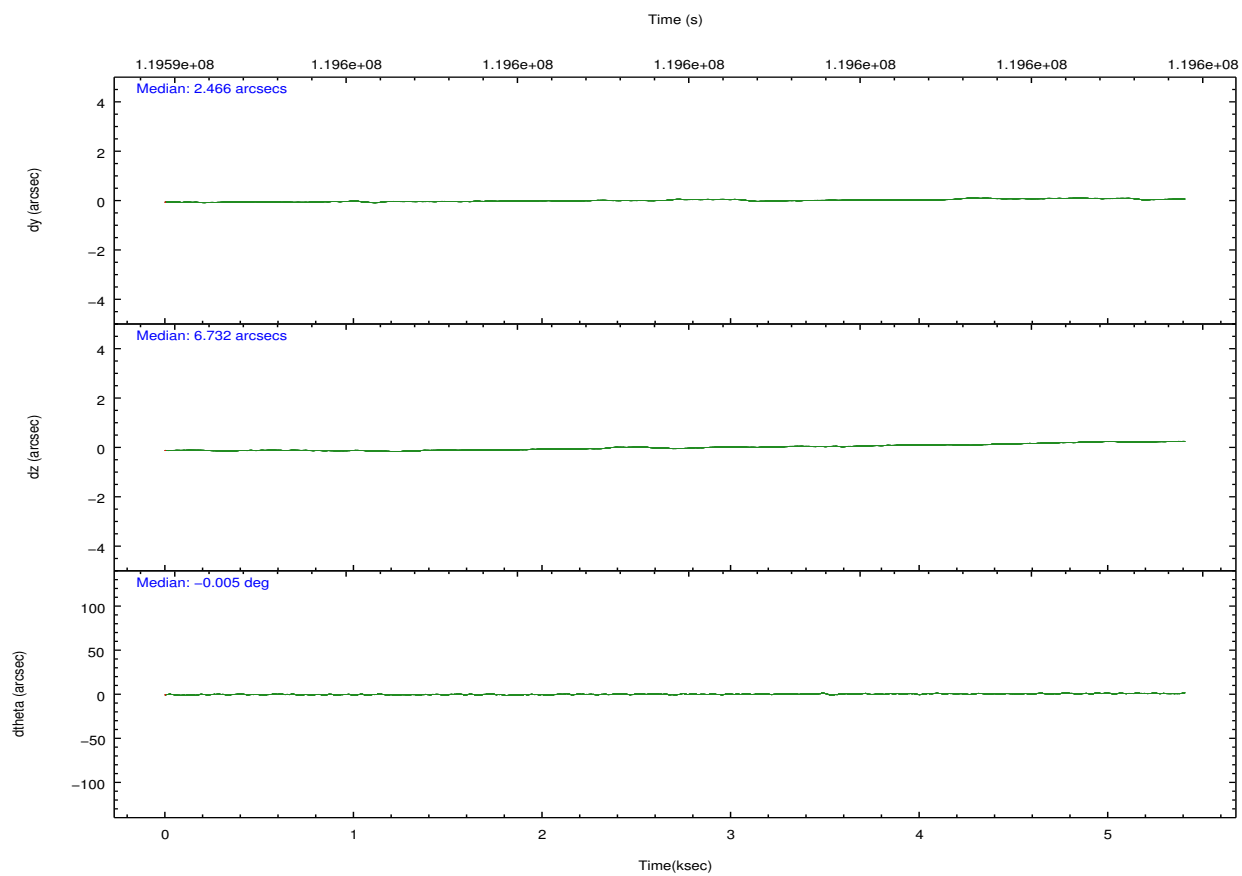
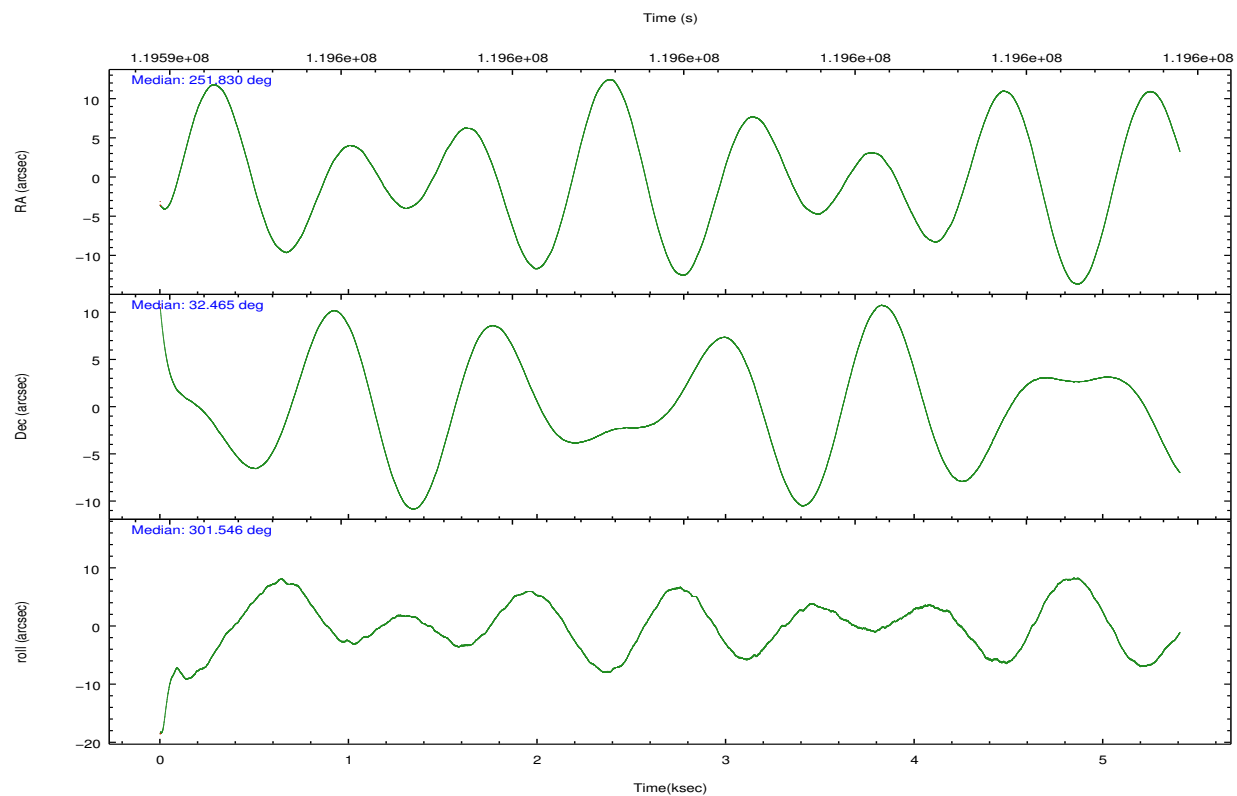
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	31538	29191	45034	31456	38768	37840	grade 0 events	1425	1448	4334	1485	1553	2503
rejected events	28138	25806	23334	27906	22577	30079		4%	4%	9%	4%	4%	6%
rejected %	89%	88%	51%	88%	58%	79%	grade 1 events	18	14	148	16	30	26
								0%	0%	0%	0%	0%	0%
							grade 2 events	734	727	5557	748	3179	1580
								2%	2%	12%	2%	8%	4%
							grade 3 events	301	288	828	333	1516	930
								0%	0%	1%	1%	3%	2%
							grade 4 events	341	301	799	348	1457	861
								1%	1%	1%	1%	3%	2%
							grade 5 events	1045	1172	3270	1278	3763	1688
								3%	4%	7%	4%	9%	4%
							grade 6 events	599	623	10189	640	8504	1890
								1%	2%	22%	2%	21%	4%
							grade 7 events	27075	24618	19909	26608	18766	28362
								85%	84%	44%	84%	48%	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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	251.801856	251.830583556289	Subarray requested	NONE	NONE
[deg] Pointing Dec	32.477392	32.4646834173708	Alternating exposures requested	N	N
[deg] Pointing Roll	301.408713	301.5498670641276	[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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	119594626.184000	119593553.58426			
Observation start date	2001-10-16T04:42:42	2001-10-16T04:25:53			
[s] Observation end time (MET)	119599626.184000	119600202.24702			
Observation end date	2001-10-16T06:06:02	2001-10-16T06:16:42			
Read mode	TIMED	TIMED			

2.3 Aspect



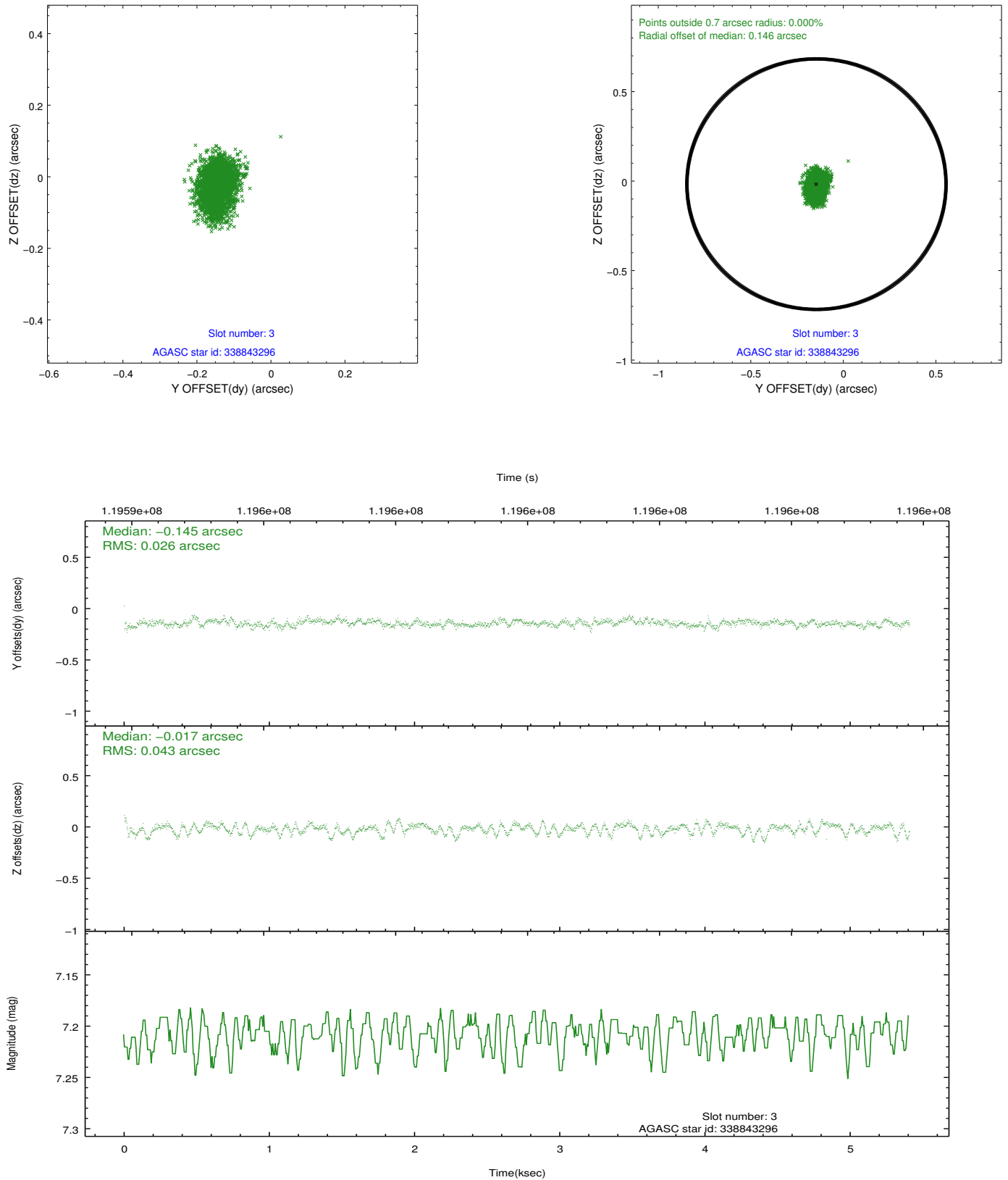


Slot Statistics

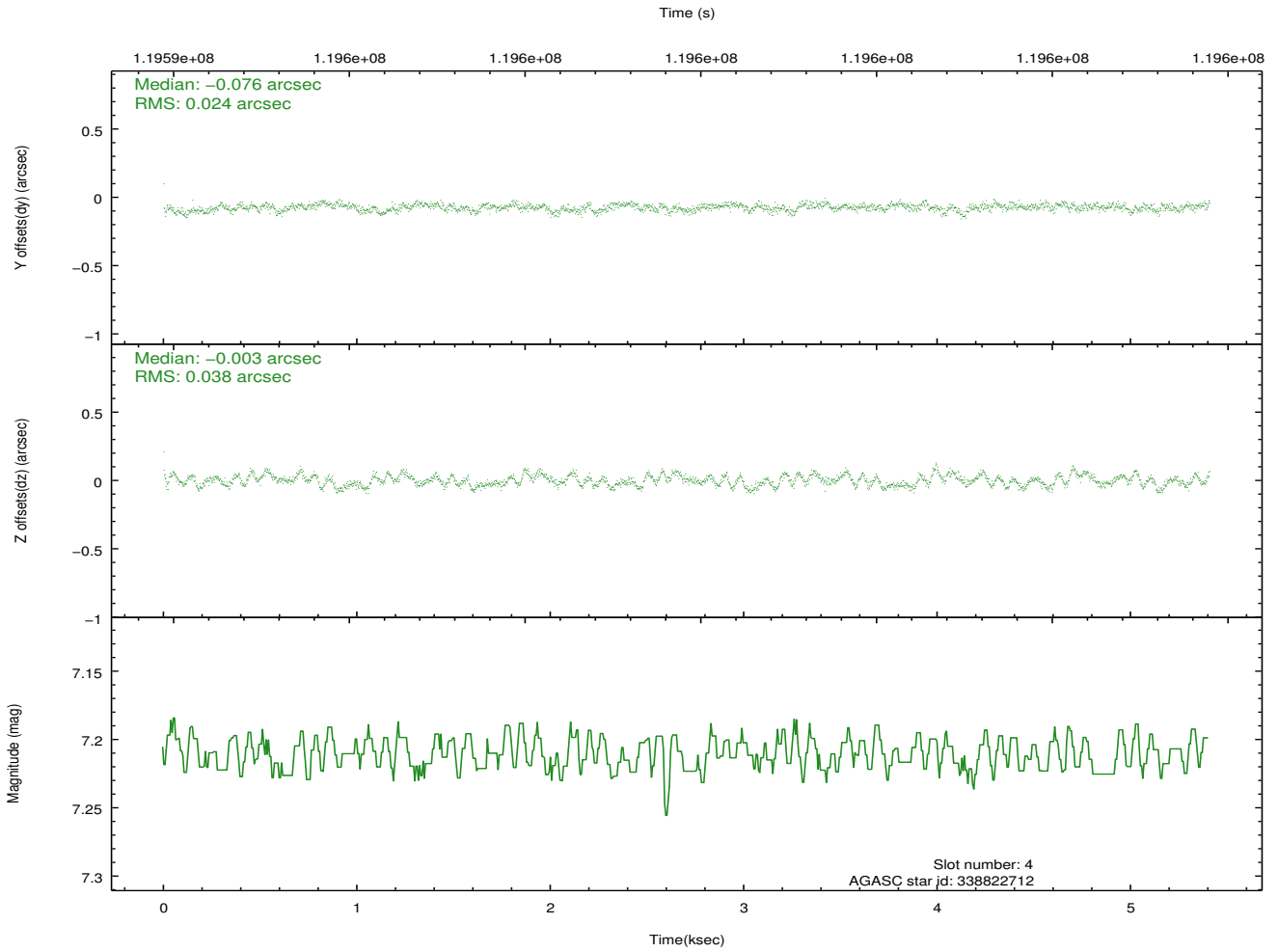
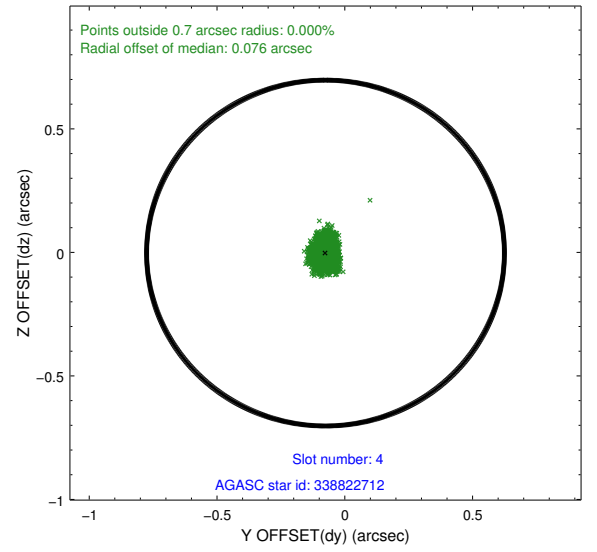
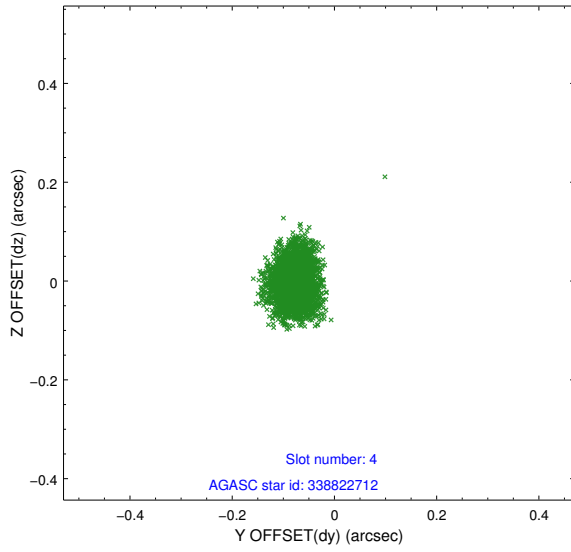
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1320	-0.028	-0.000	0.007	0.012	0.000000	0.000000	-755.11	-1727.85
1	FID	ACIS-S-4	7.20	1320	-0.023	0.013	0.005	0.010	0.000000	0.000000	2157.65	179.53
2	FID	ACIS-S-5	7.24	1320	0.019	-0.005	0.007	0.012	0.000000	0.000000	-1806.49	174.41
3	GUIDE	338843296	7.21	2639	-0.145	-0.017	0.052	0.090	250.910518	32.692307	-2076.52	-1895.60
4	GUIDE	338822712	7.21	2639	-0.076	-0.003	0.048	0.076	251.186140	32.591929	-1329.70	-1376.70
5	GUIDE	338429864	8.66	2639	0.035	-0.032	0.074	0.115	251.252970	32.279622	-266.14	-1794.87
6	GUIDE	338441912	9.42	2636	0.042	0.036	0.096	0.159	251.414378	31.872106	1241.54	-2145.77
7	GUIDE	338429000	9.34	2631	0.139	0.020	0.079	0.135	251.654115	32.276529	384.04	-760.93

2.4 Star Slots

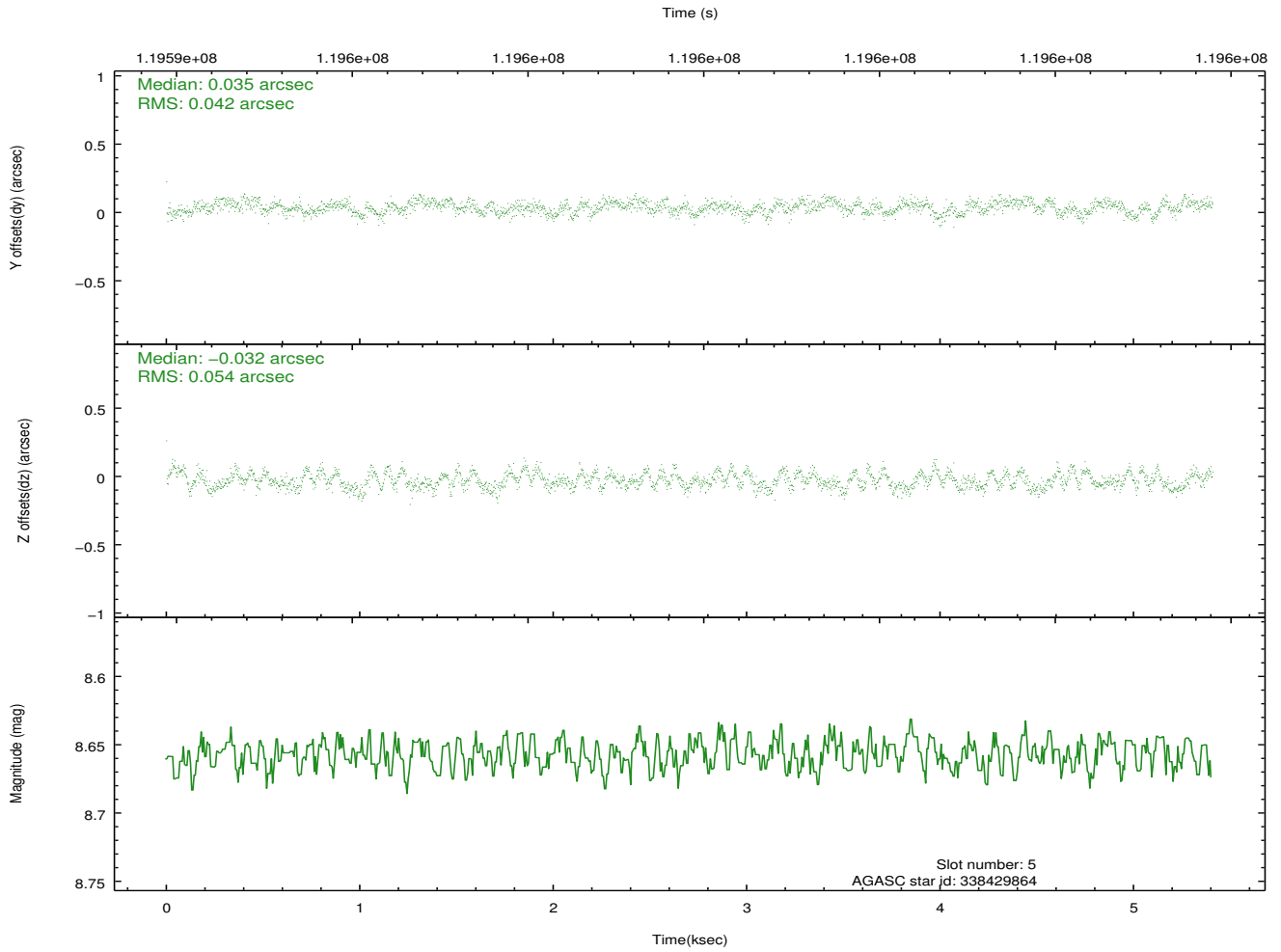
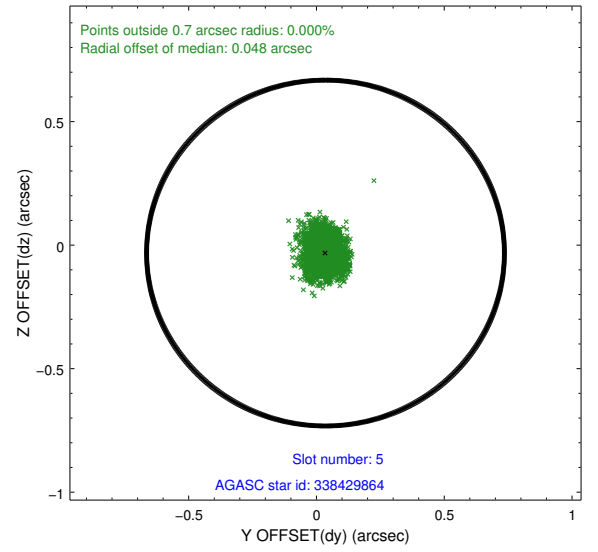
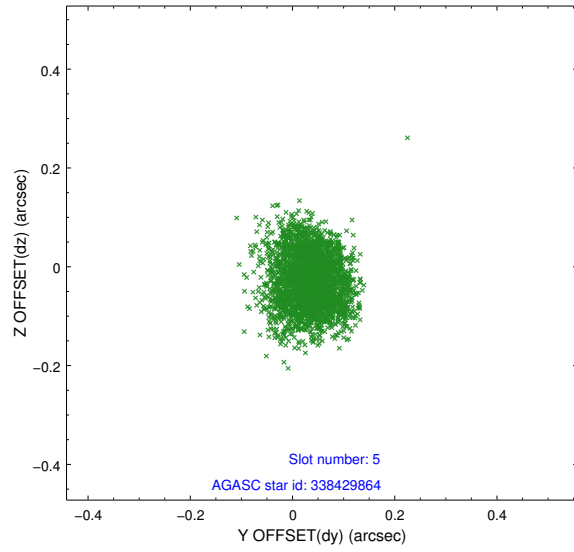
2.4.1 Slot 3



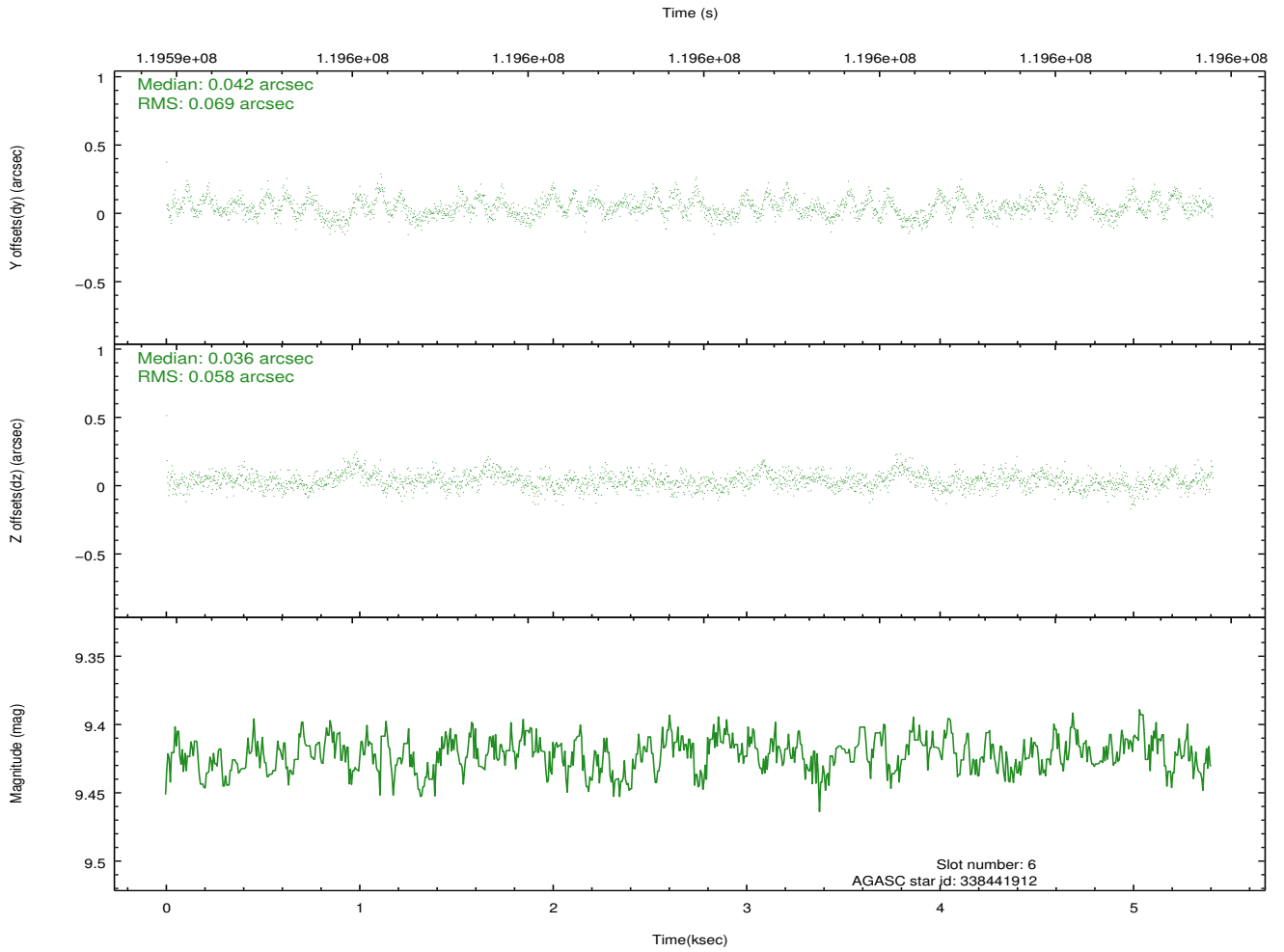
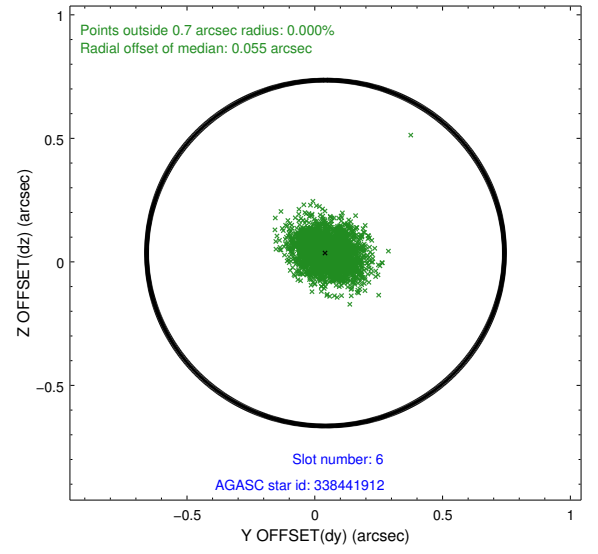
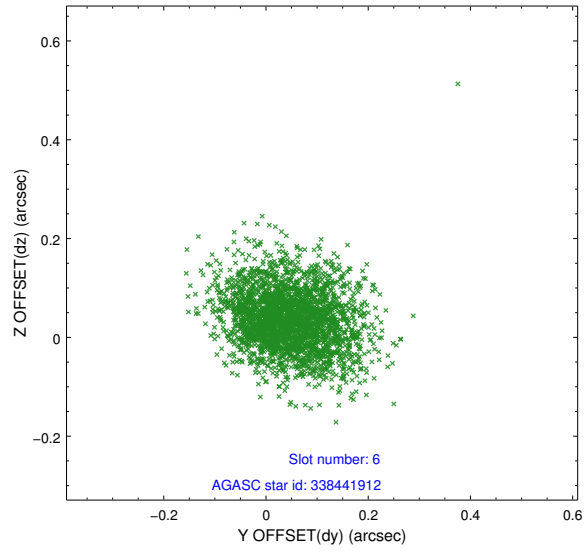
2.4.2 Slot 4



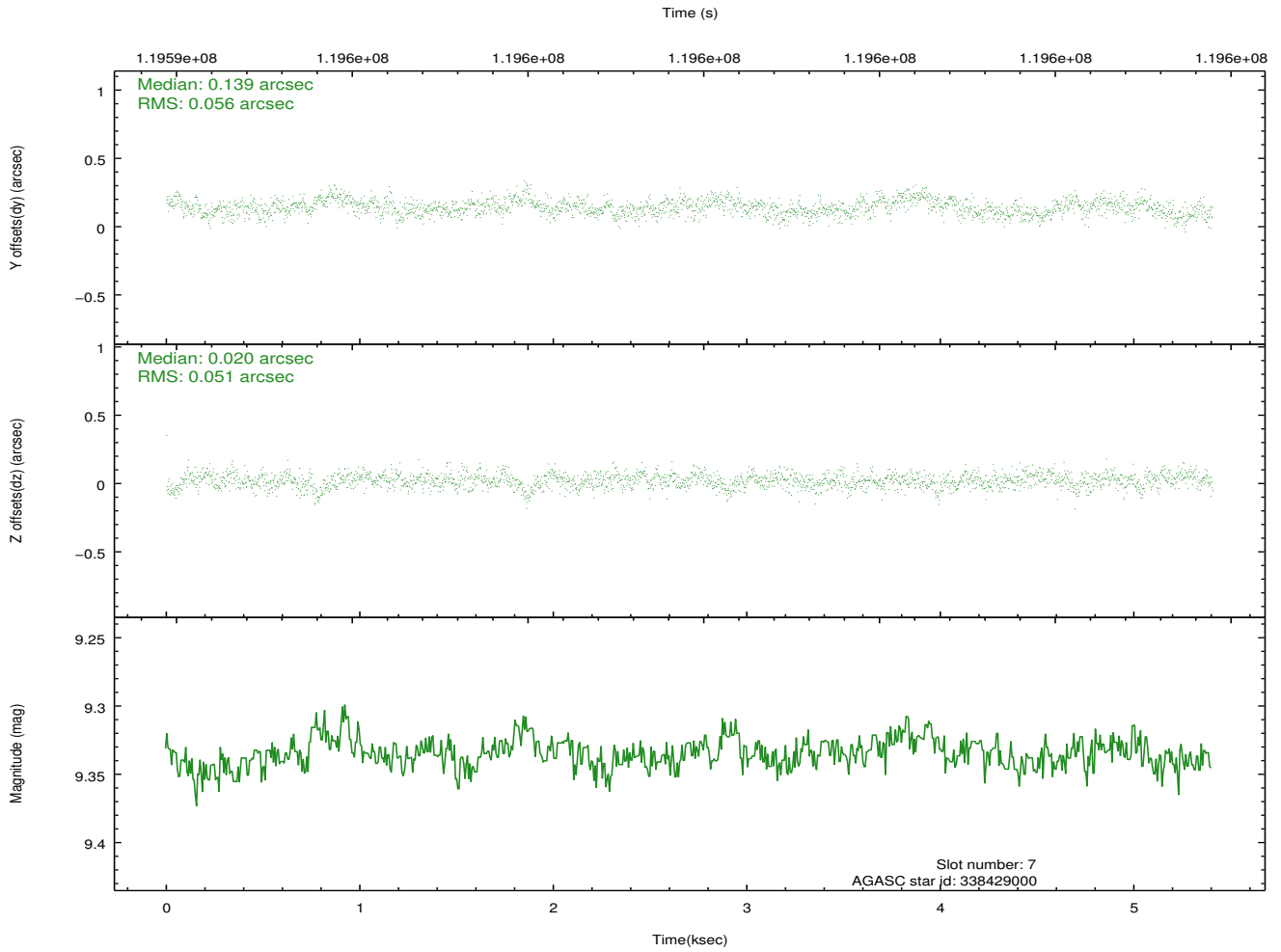
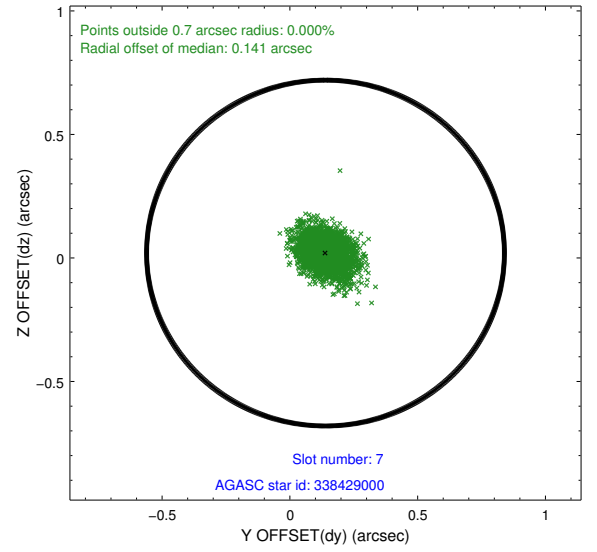
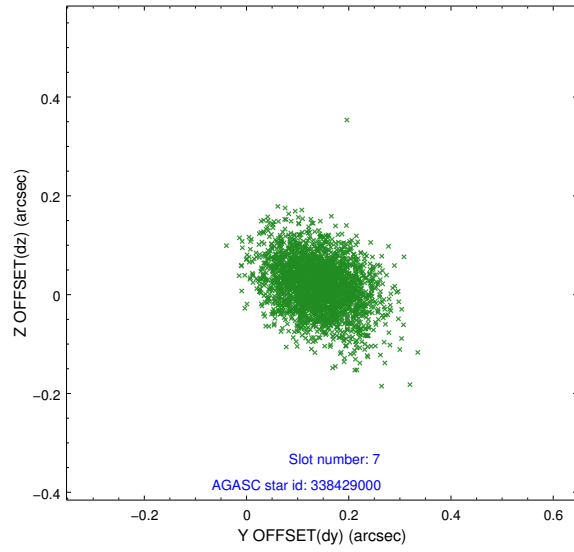
2.4.3 Slot 5



2.4.4 Slot 6

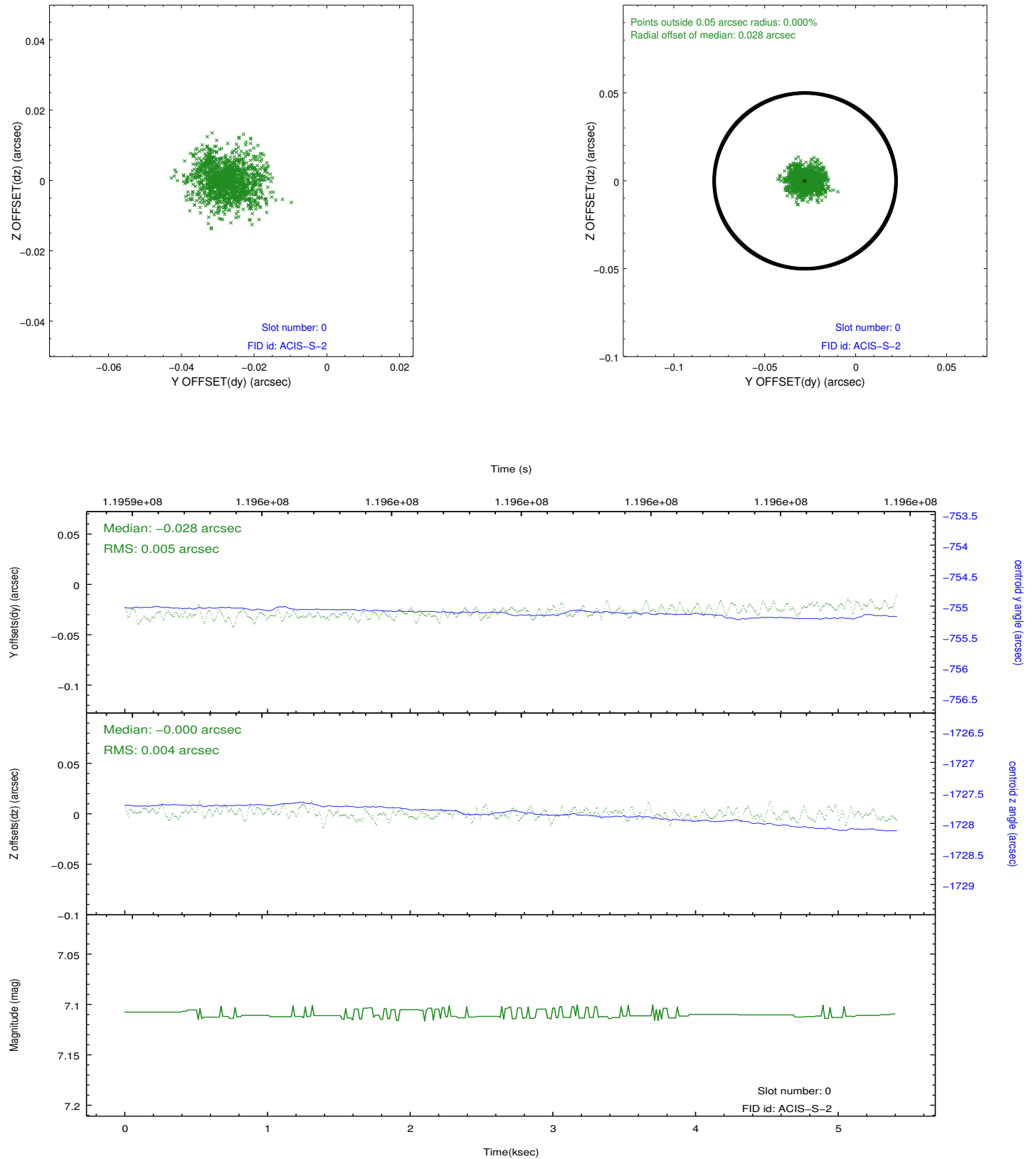


2.4.5 Slot 7

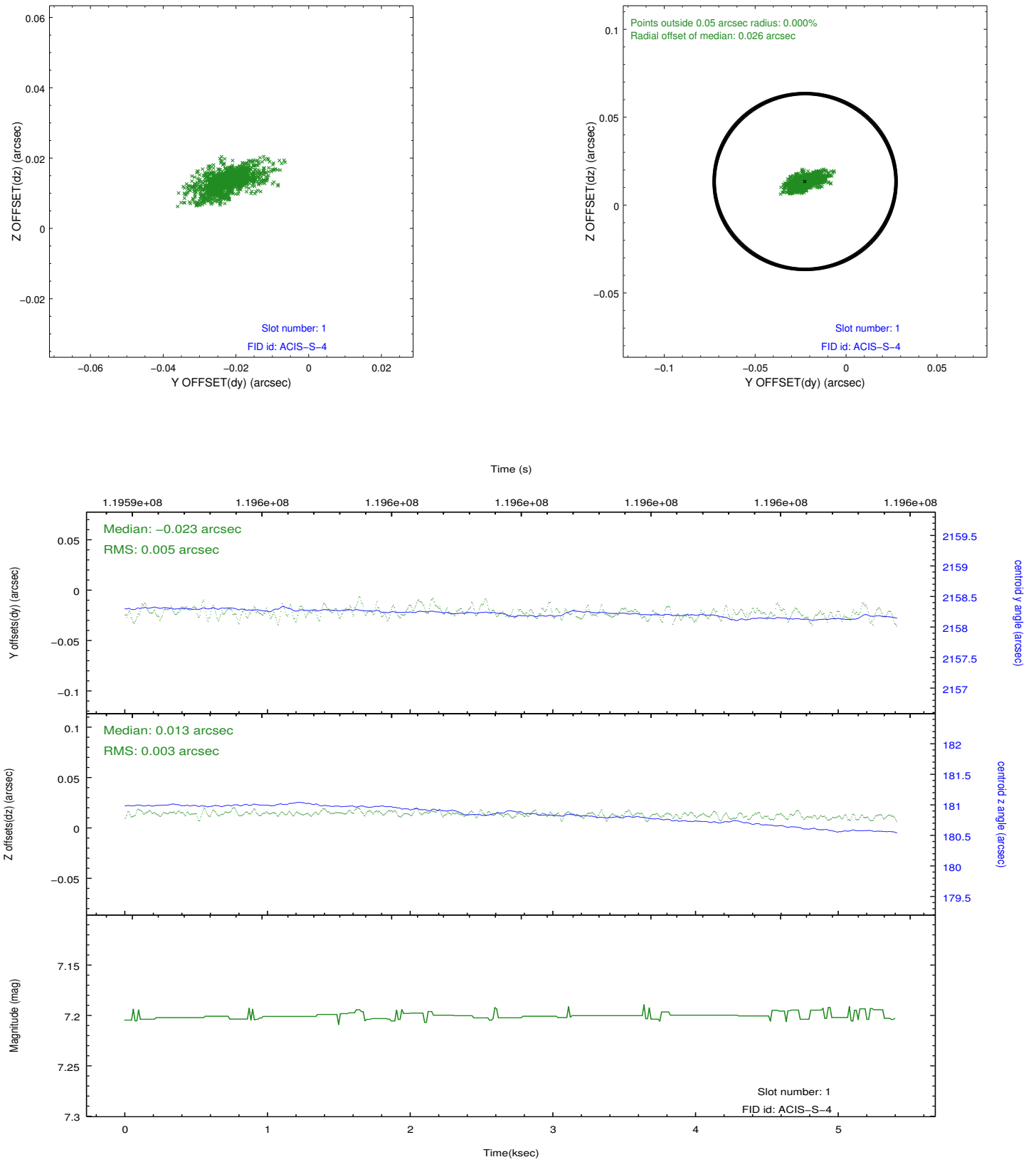


2.5 FID Slots

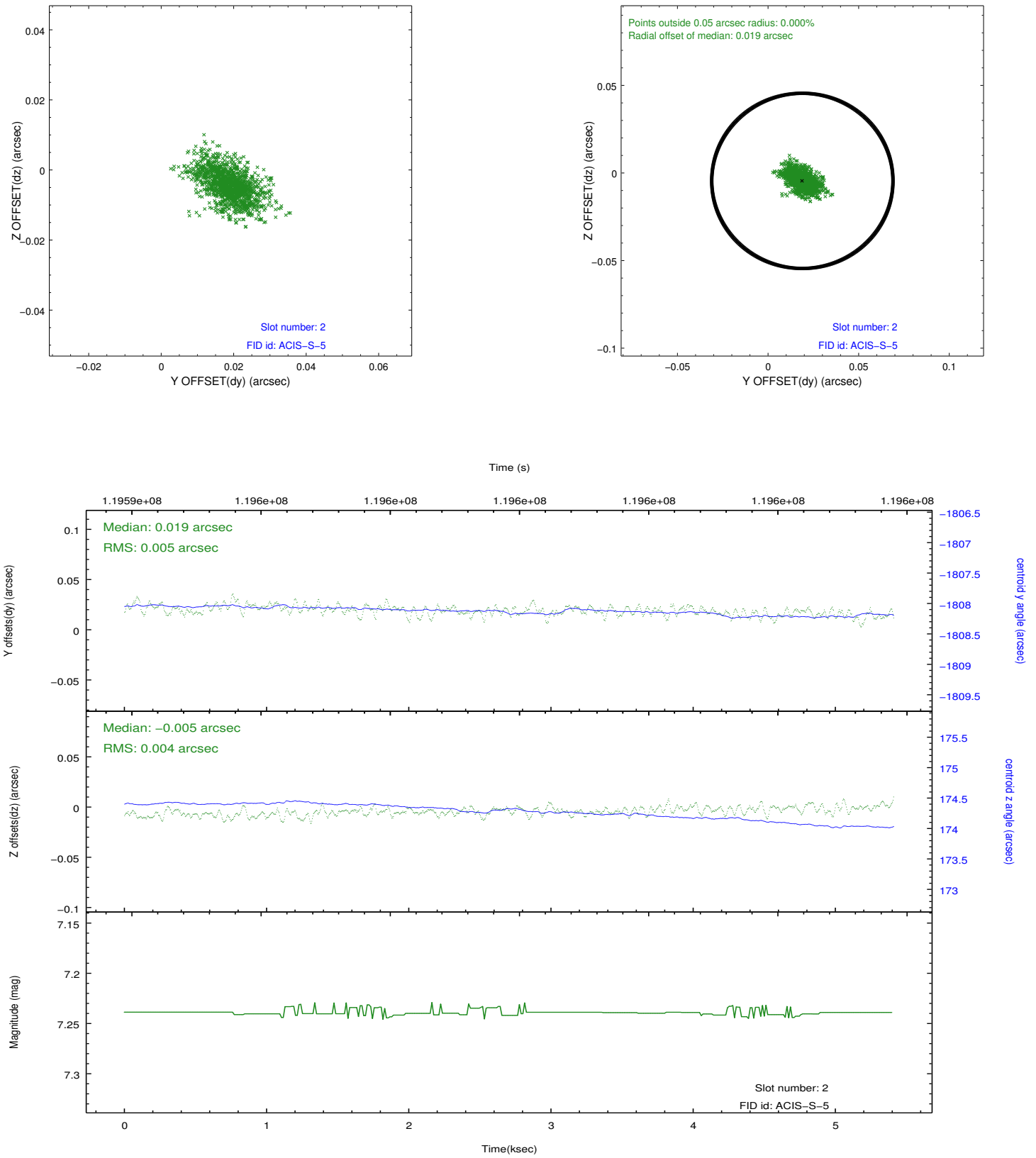
2.5.1 Slot 0



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)	2012.09.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.95

A.2 Comments