

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 7054 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 3 2012

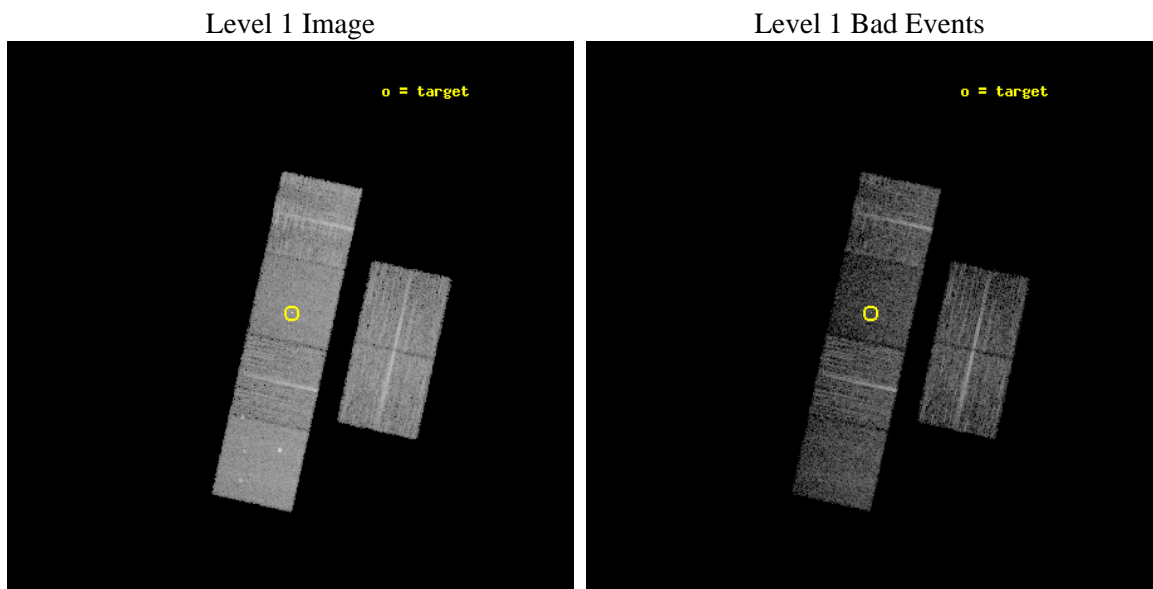
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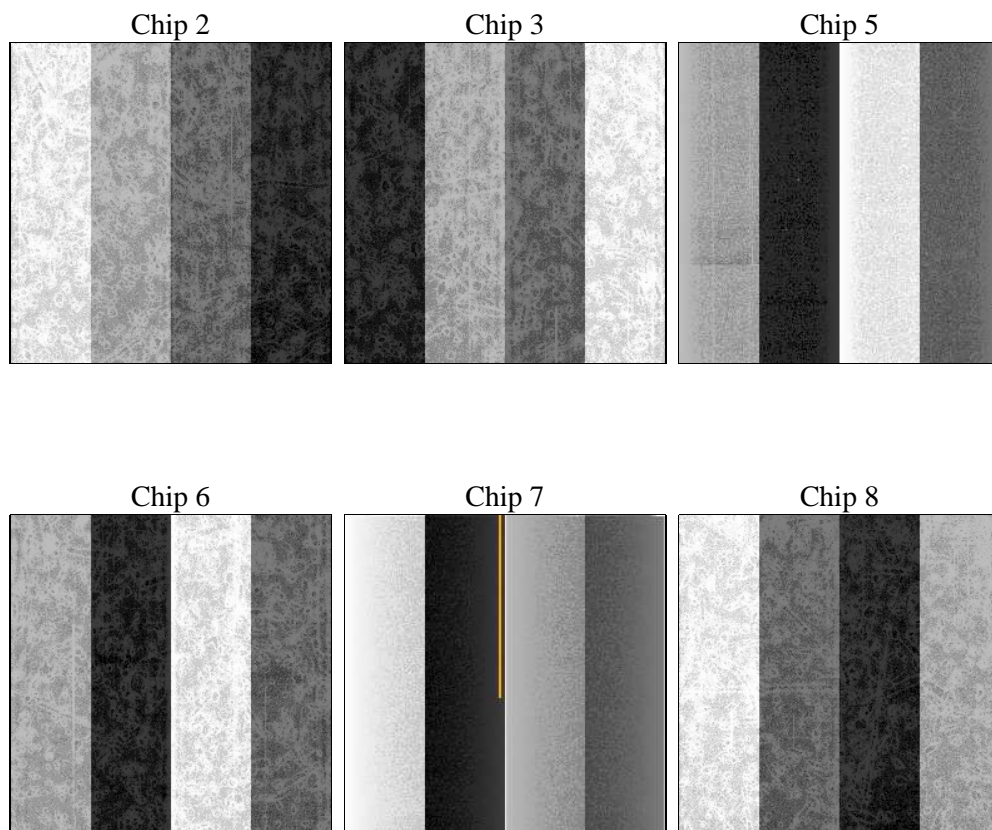
2 OBI

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	8.4.3	Processing system revision	ontime	5171.1999807358	Sum of GTIs [s]
caldbver	4.4.9	 	ontime2	5171.1999807358	Sum of GTIs [s]
date	2012-04-03T11:14:52	Date and time of file creation	ontime3	5171.1999807358	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	5171.1999807358	Sum of GTIs [s]
			ontime6	5171.1999807358	Sum of GTIs [s]
			ontime7	5171.1999807358	Sum of GTIs [s]
			ontime8	5171.1999807358	Sum of GTIs [s]
			l1events	277465	Number of level 1 events

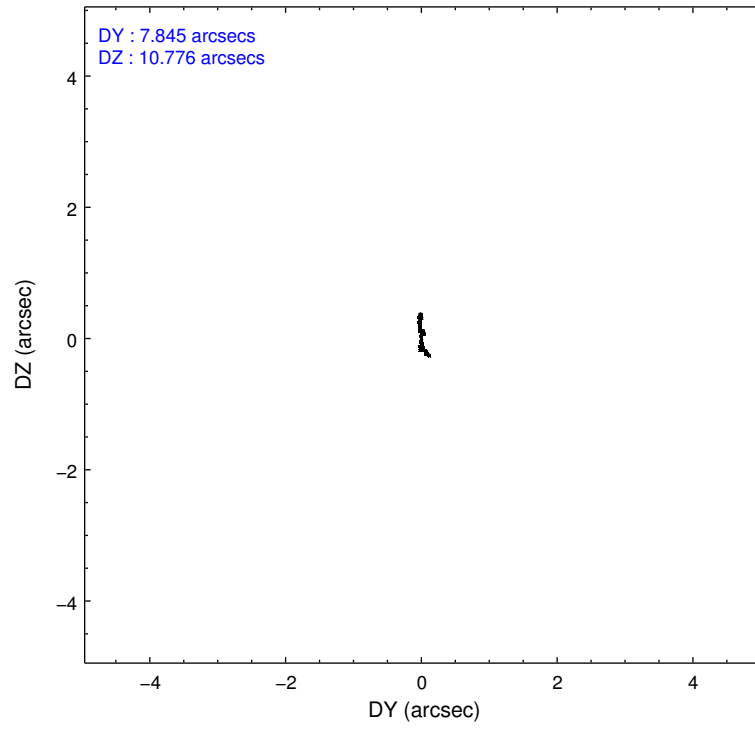
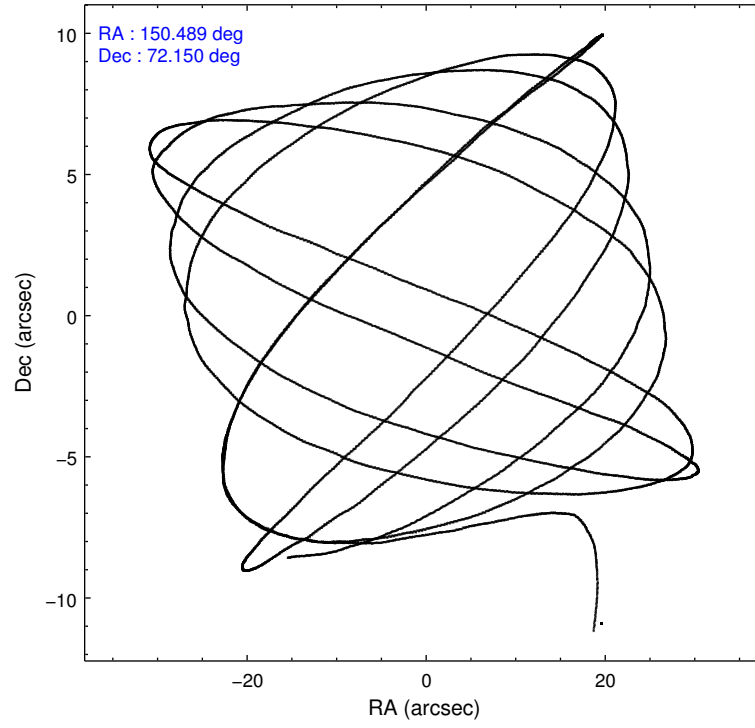
2.1.4 Events

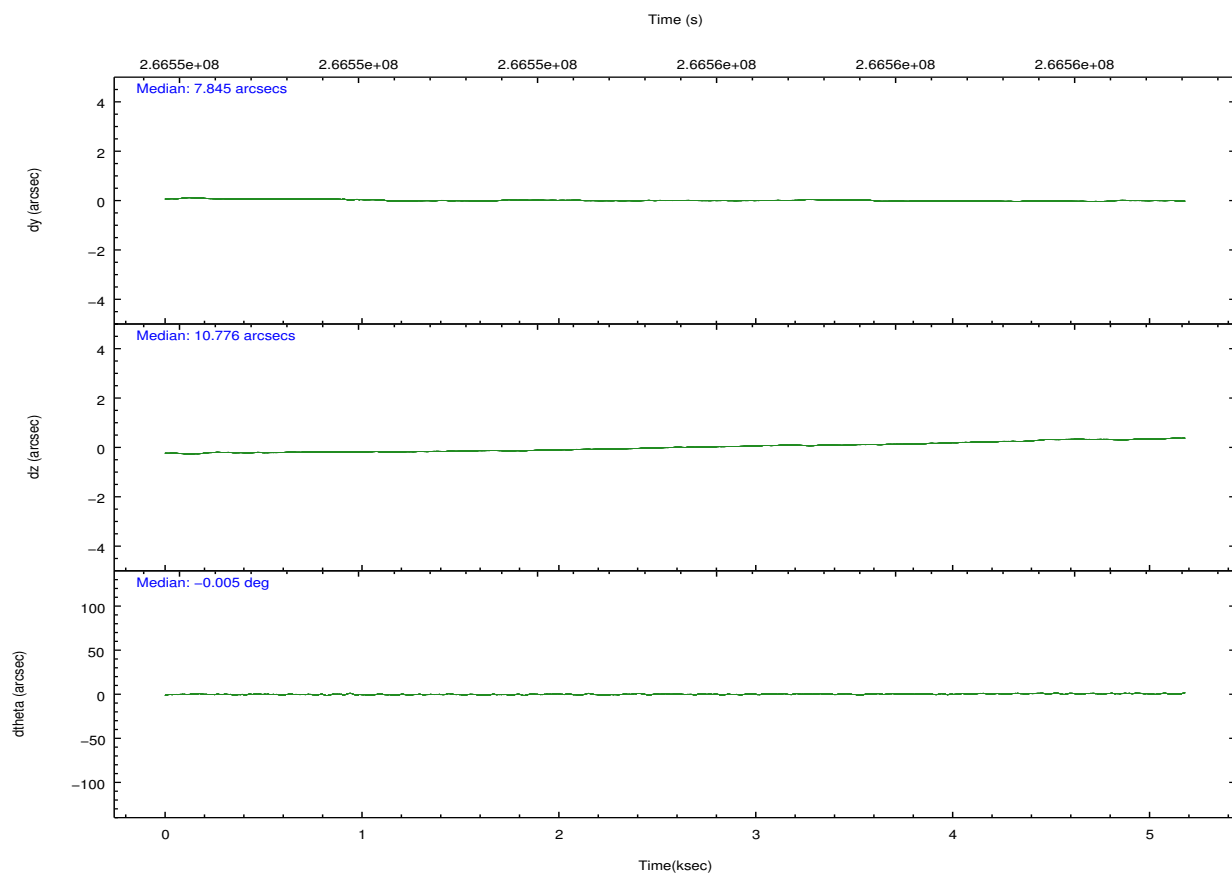
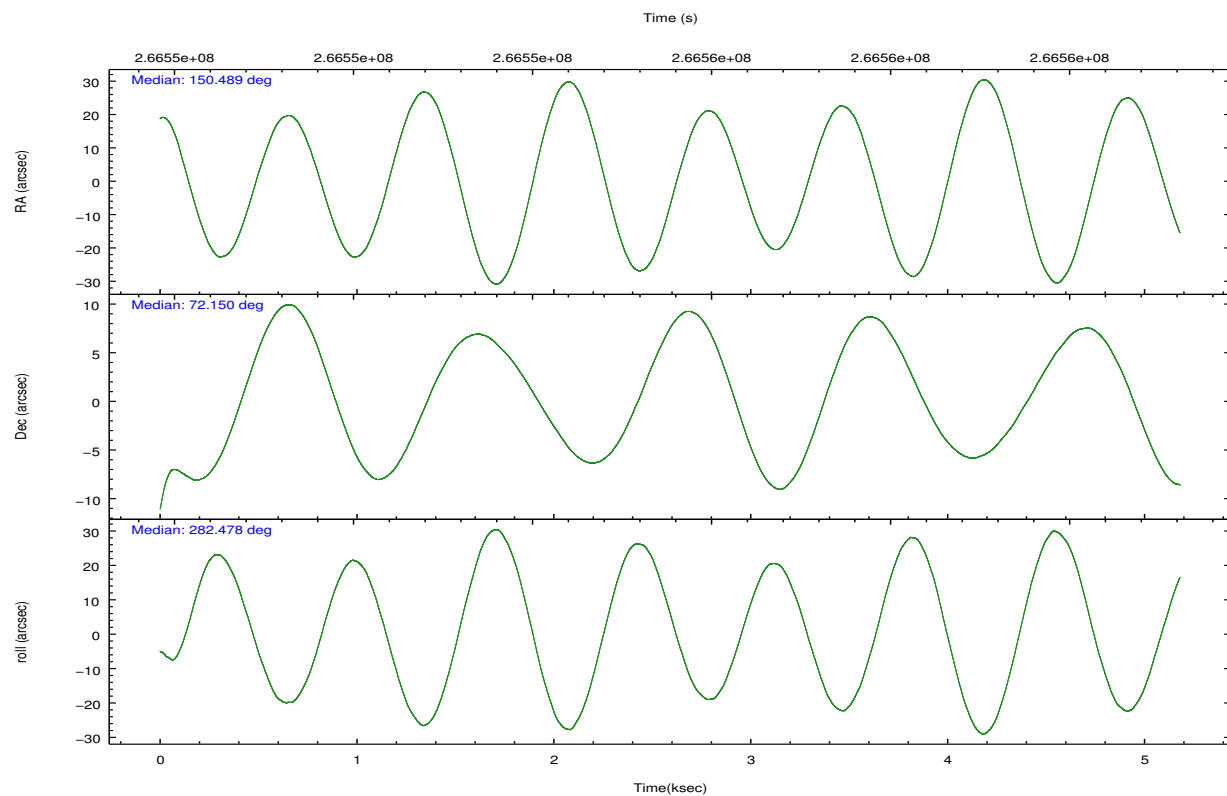
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	45352	38489	54639	42255	44994	51736	grade 0 events	1378	1214	2750	1386	1922	3695
rejected events	41667	35096	28659	38392	24986	39831		3%	3%	5%	3%	4%	7%
rejected %	91%	91%	52%	90%	55%	76%	grade 1 events	24	23	85	31	51	43
								0%	0%	0%	0%	0%	0%
							grade 2 events	952	800	7986	917	4168	2700
								2%	2%	14%	2%	9%	5%
							grade 3 events	383	418	1115	427	2014	1345
								0%	1%	2%	1%	4%	2%
							grade 4 events	425	419	1090	443	1912	1275
								0%	1%	1%	1%	4%	2%
							grade 5 events	1302	1562	4236	1594	4674	2265
								2%	4%	7%	3%	10%	4%
							grade 6 events	676	700	14154	844	10815	3450
								1%	1%	25%	1%	24%	6%
							grade 7 events	40212	33353	23223	36613	19438	36963
								88%	86%	42%	86%	43%	71%

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	150.428574	150.4895997632154	Subarray requested	NONE	NONE
[deg] Pointing Dec	72.169522	72.14961518912807	Alternating exposures requested	N	N
[deg] Pointing Roll	282.384355	282.4829056887384	[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)	266552356.184000	266551177.62162			
Observation start date	2006-06-13T02:18:11	2006-06-13T01:59:37			
[s] Observation end time (MET)	266557356.184000	266557966.19694			
Observation end date	2006-06-13T03:41:31	2006-06-13T03:52:46			
Read mode	TIMED	TIMED			

2.3 Aspect



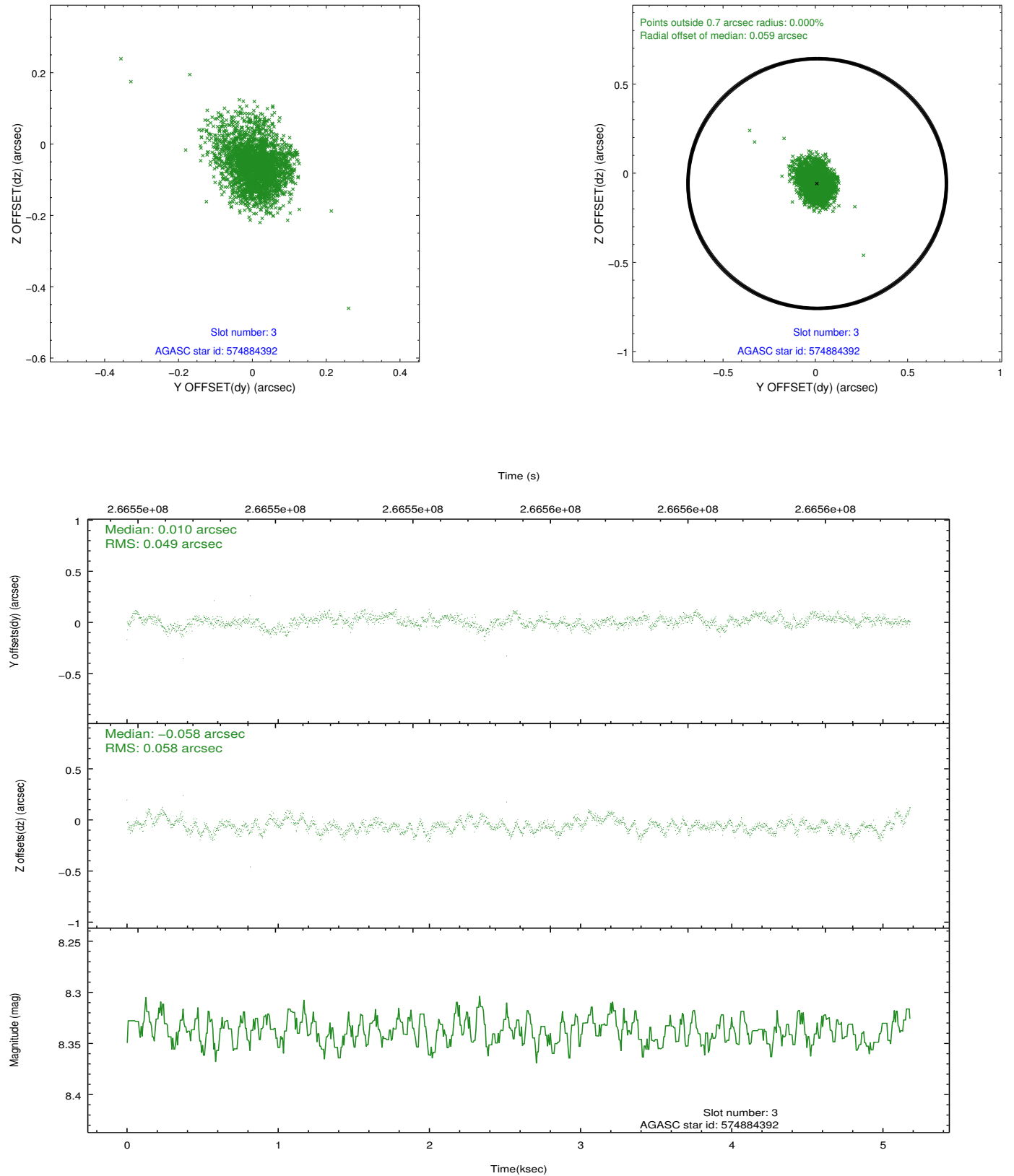


Slot Statistics

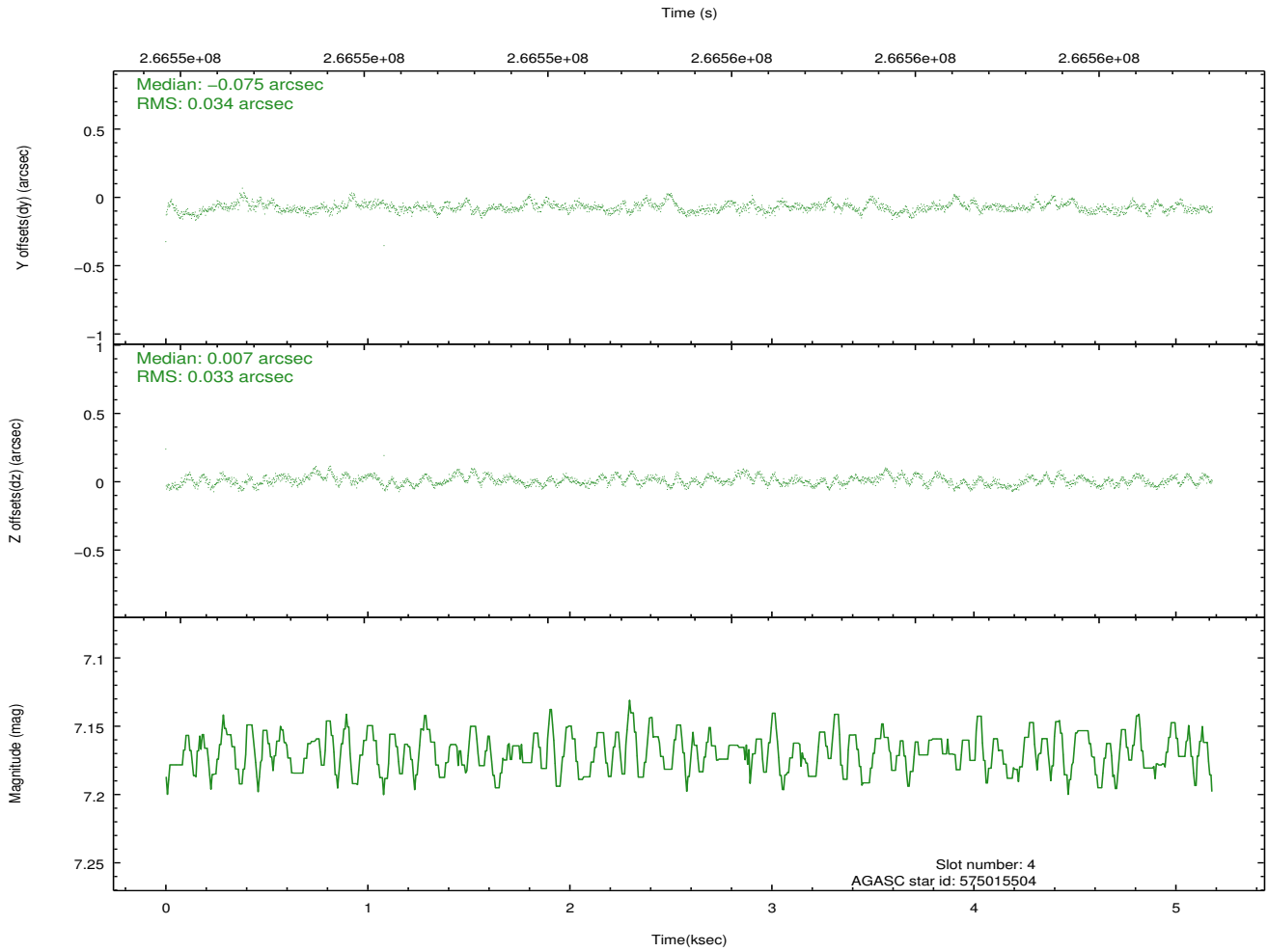
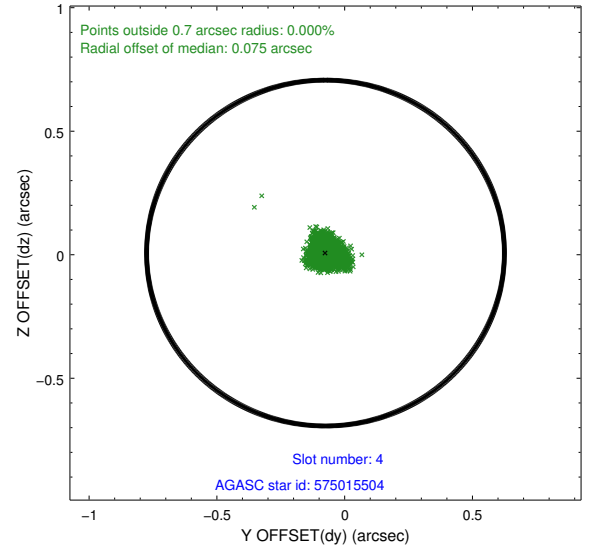
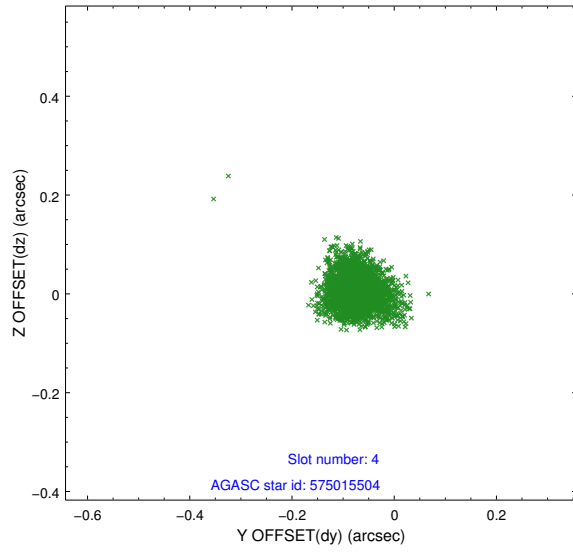
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1264	-0.050	-0.027	0.008	0.014	0.000000	0.000000	-760.64	-1732.10
1	FID	ACIS-S-4	7.21	1263	0.137	0.031	0.007	0.016	0.000000	0.000000	2152.25	175.29
2	FID	ACIS-S-5	7.23	1264	-0.118	0.005	0.007	0.014	0.000000	0.000000	-1812.09	170.18
3	GUIDE	574884392	8.34	2528	0.010	-0.058	0.079	0.133	150.447698	72.410706	-843.41	206.23
4	GUIDE	575015504	7.17	2528	-0.075	0.007	0.050	0.081	152.291860	71.687628	2114.24	1693.75
5	GUIDE	575286648	7.56	2526	-0.026	0.022	0.063	0.105	151.862960	72.611518	-1240.57	1852.88
6	GUIDE	574885928	9.25	2525	0.082	-0.069	0.114	0.189	149.165149	71.417603	2318.30	-1992.15
7	GUIDE	575286392	9.41	2525	0.010	0.099	0.088	0.144	151.381750	72.803111	-2017.51	1481.31

2.4 Star Slots

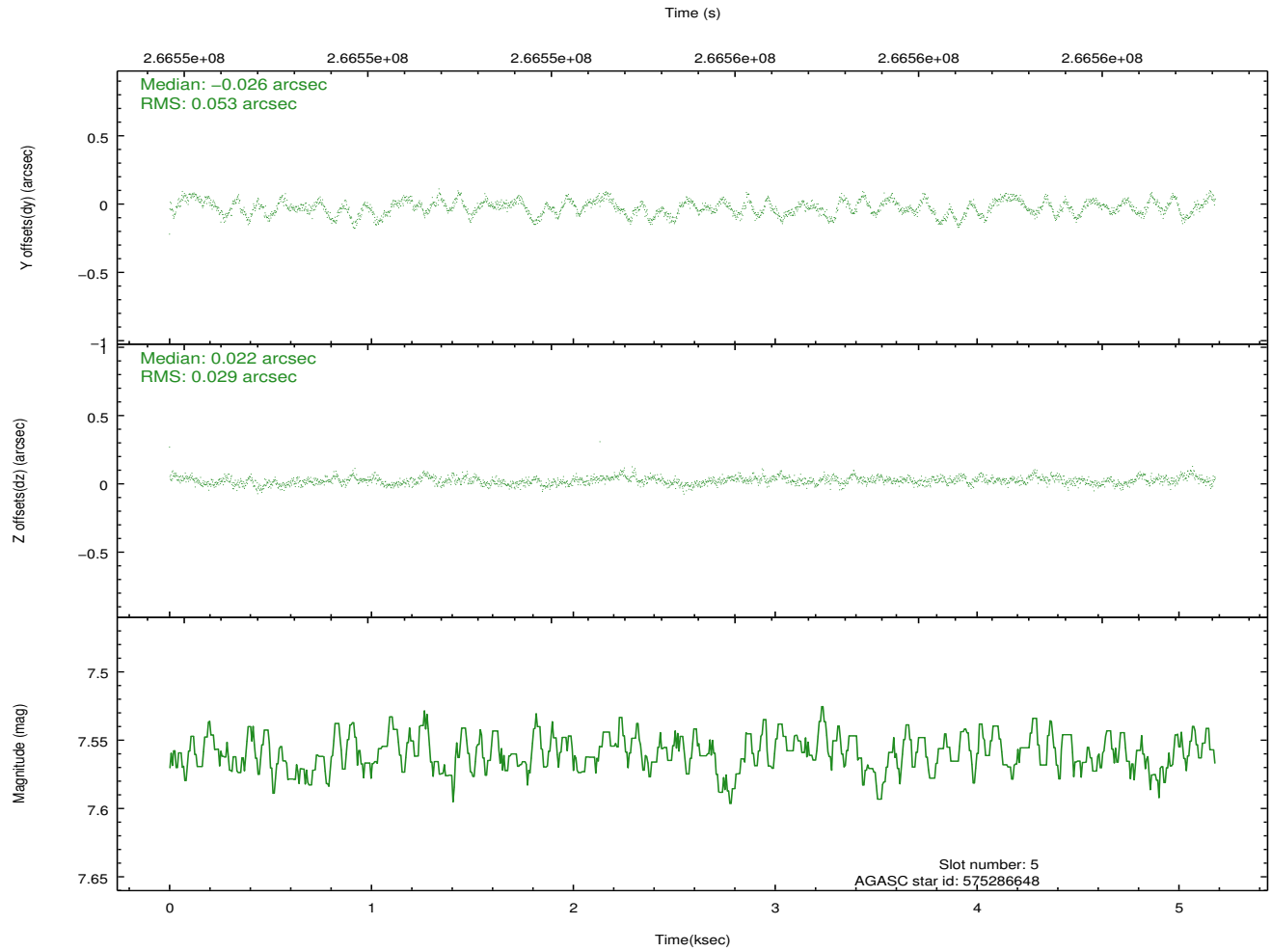
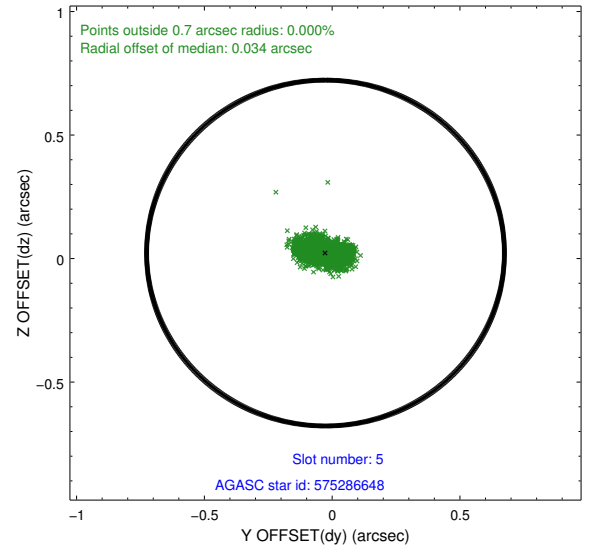
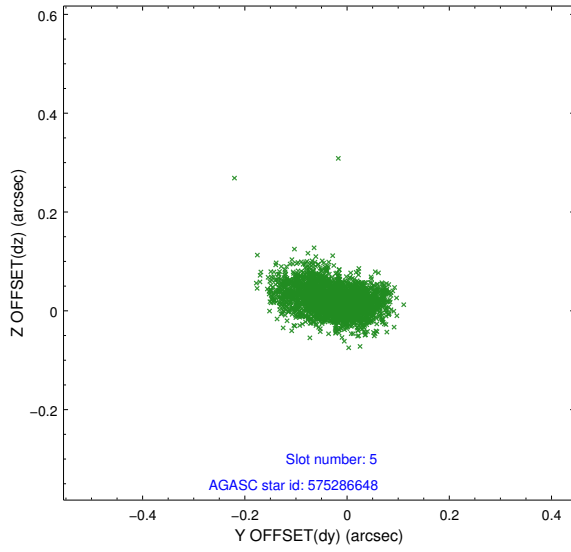
2.4.1 Slot 3



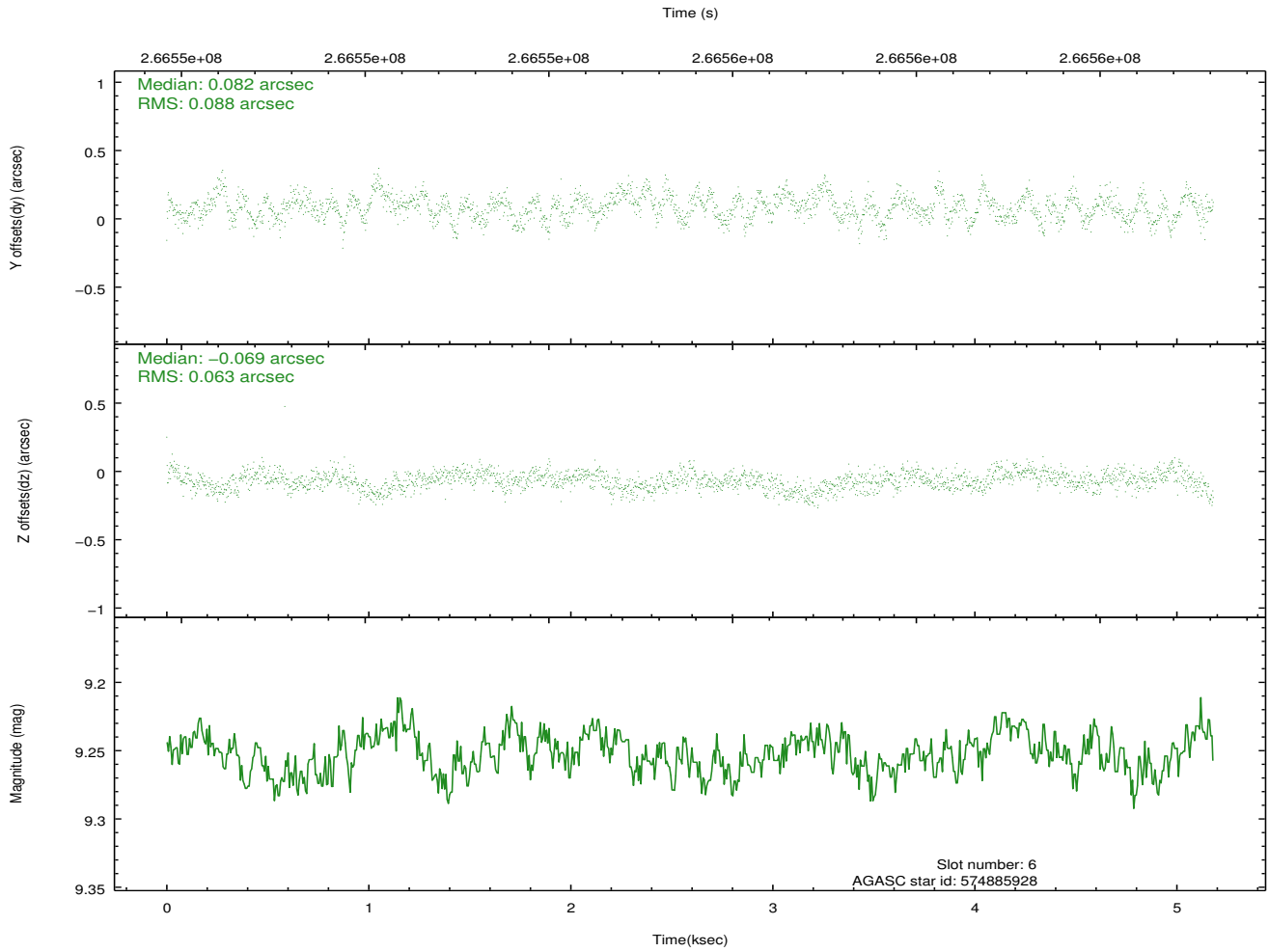
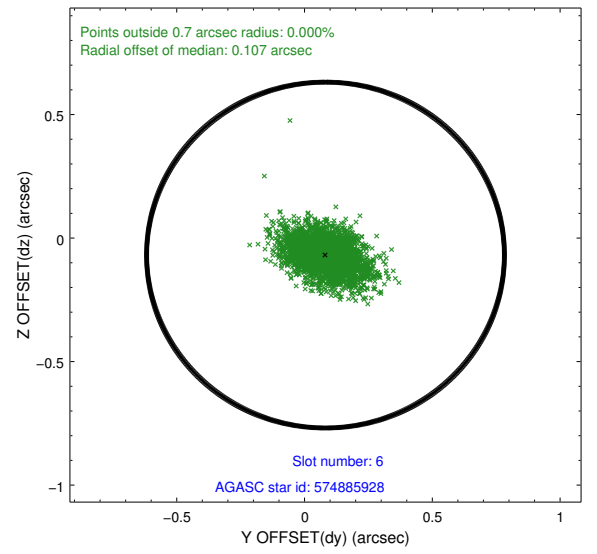
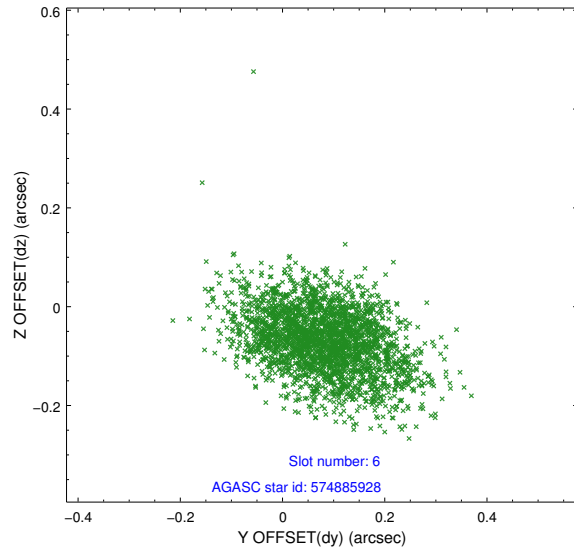
2.4.2 Slot 4



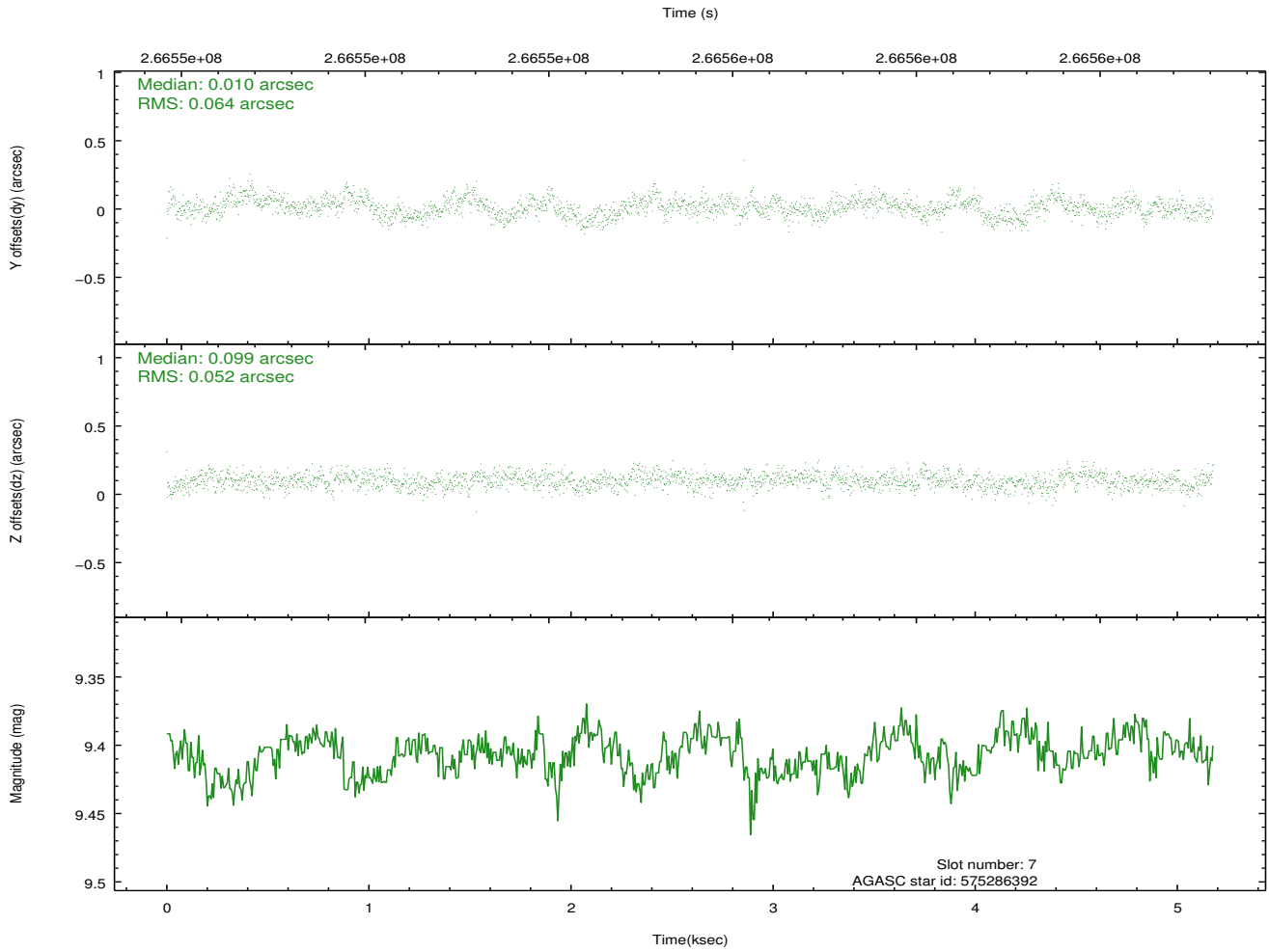
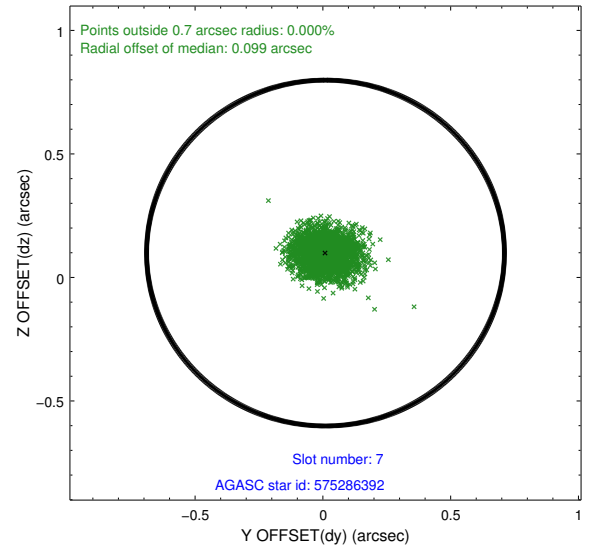
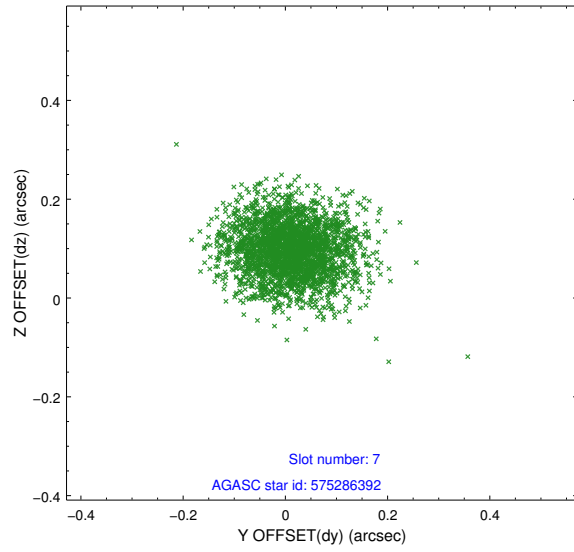
2.4.3 Slot 5



2.4.4 Slot 6

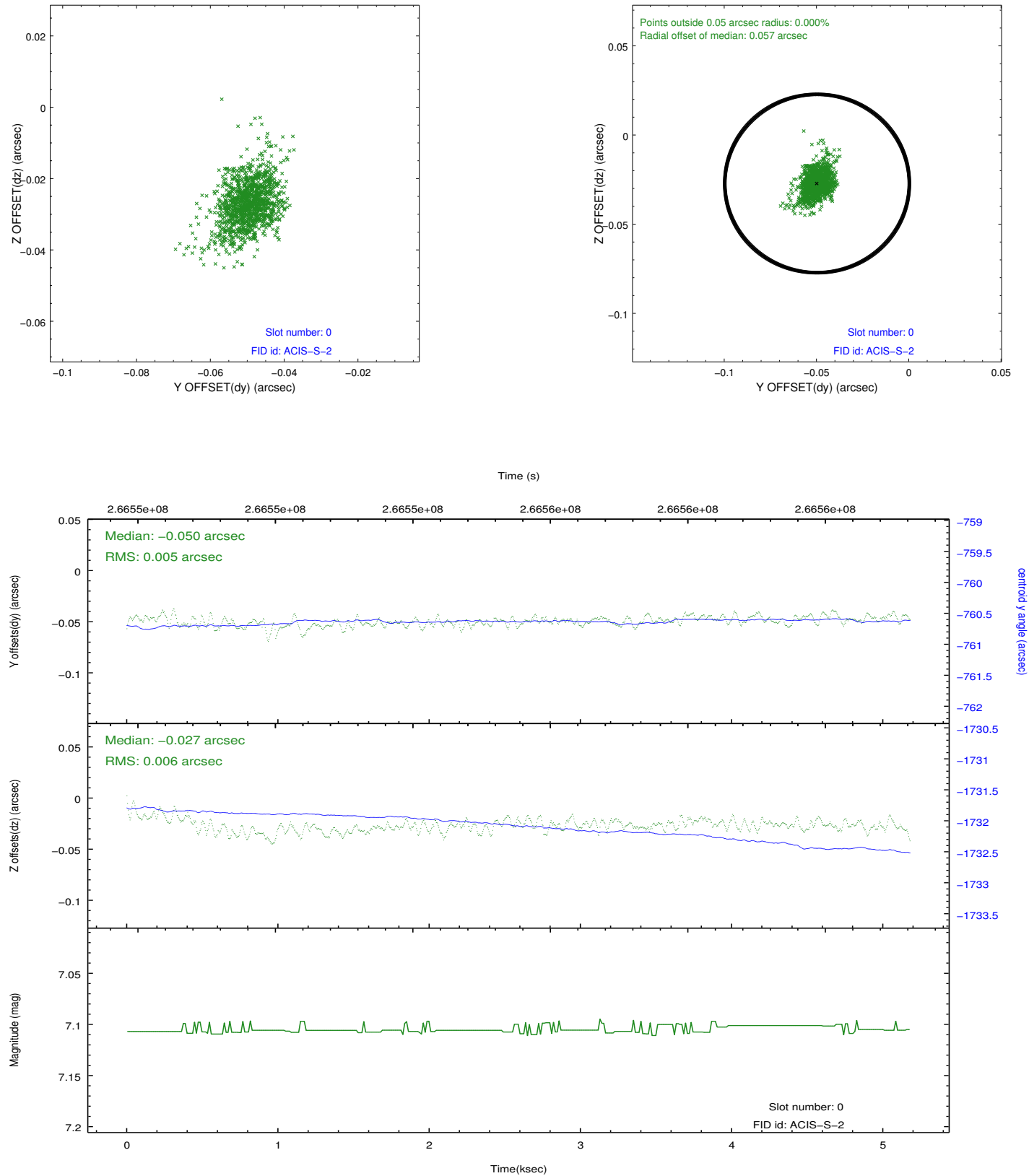


2.4.5 Slot 7

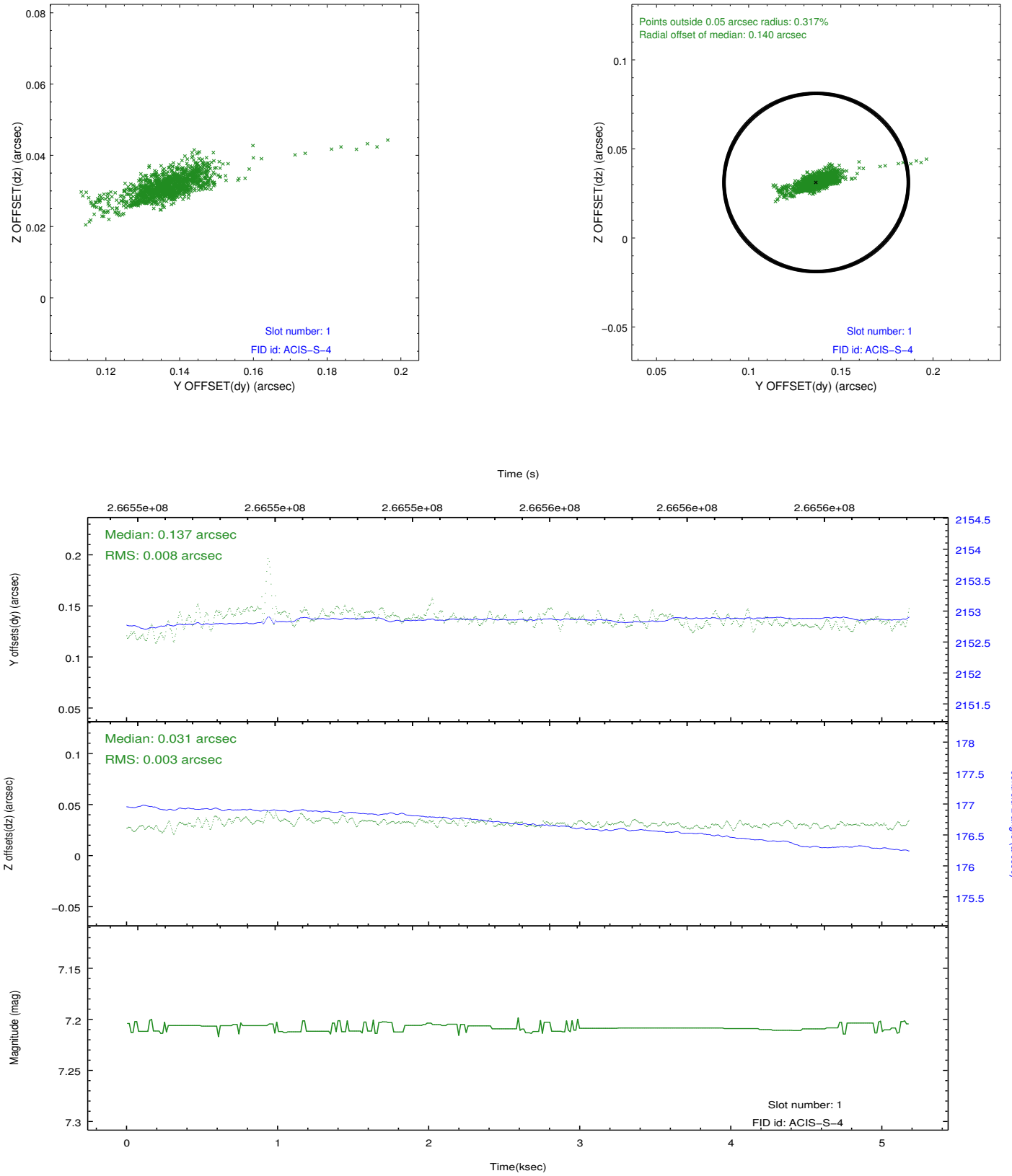


2.5 FID Slots

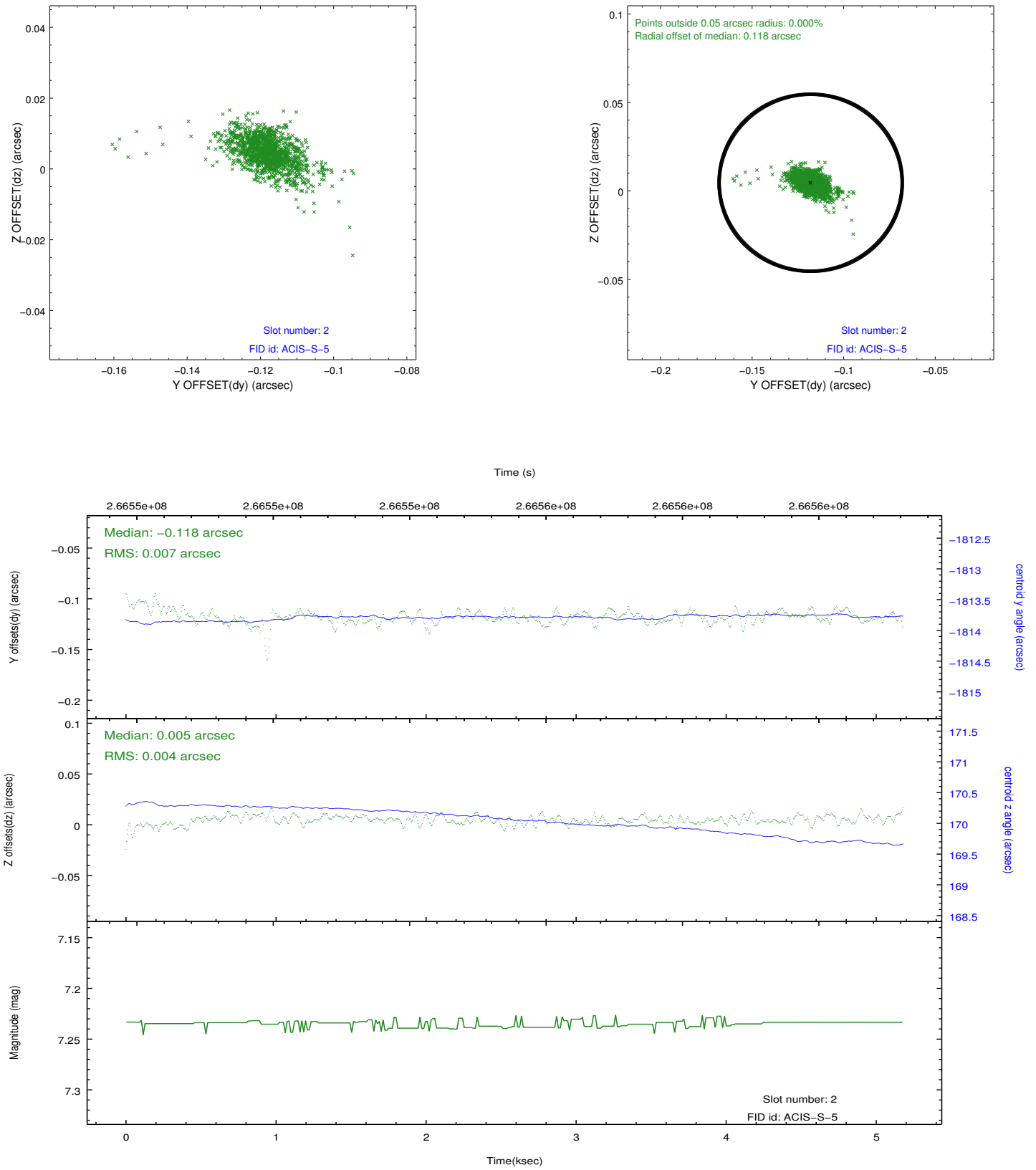
2.5.1 Slot 0



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)	2012.04.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.17119998

A.2 Comments