

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6153 - L2 Version 001
Chandra X-Ray Center

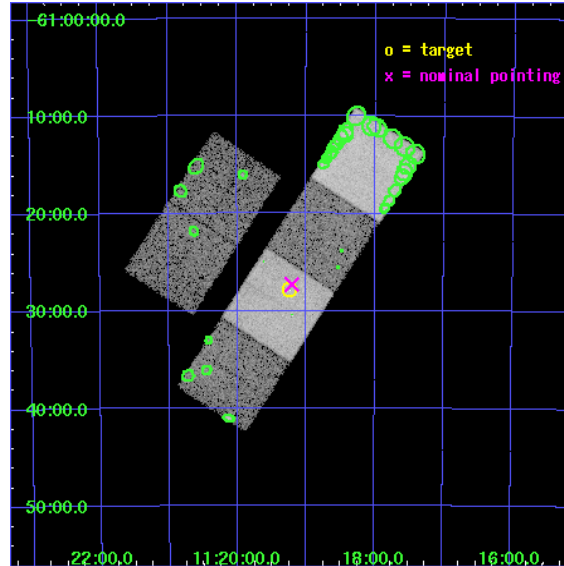
L2 Processing Date : Apr 13 2006

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1 Front

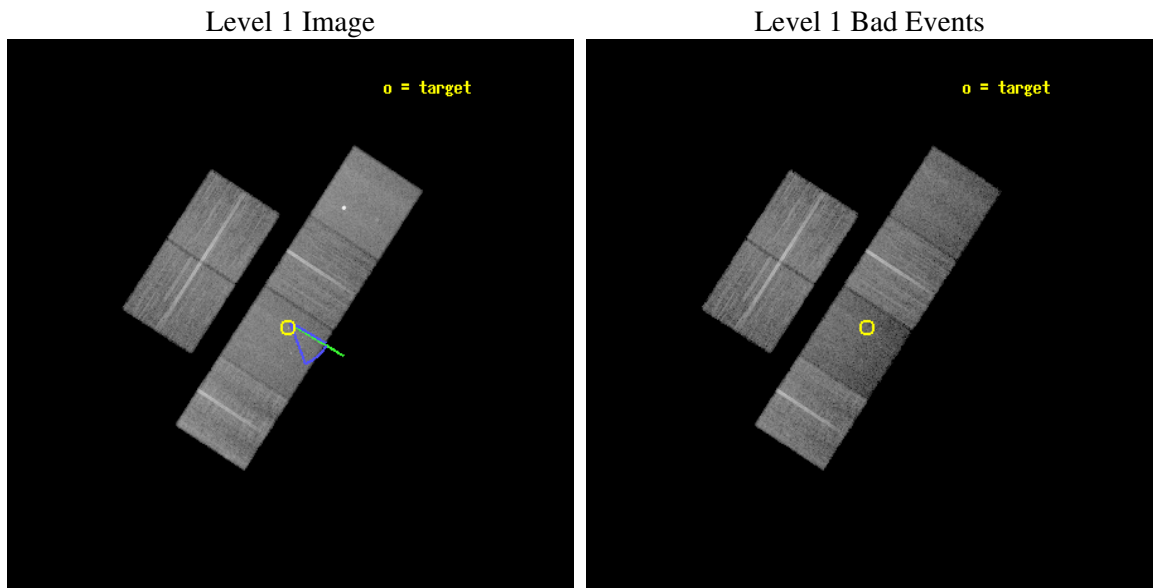
seq_num	500495
obs_id	6153
title	Probing the X-ray emission from the high-magnetic field radio pulsar PSR J1119-6127 associated with SNR G292.2-0.5
observer	Prof. Samar Safi-Harb
object	PSR J1119-6127
dtcycle	0
cycle	P
ra_targ	169.81
dec_targ	-61.463806
ra_nom	169.80213924844
dec_nom	-61.454903739558
roll_nom	122.94975775305
revision	2
ontime	19139.199928701
livetime	18896.847854961
ontime2	19139.199928701
ontime3	19139.199928701
ontime5	19139.199928701
ontime6	19135.958958417
ontime7	19139.199928701
ontime8	19139.199928701
l2events	163985



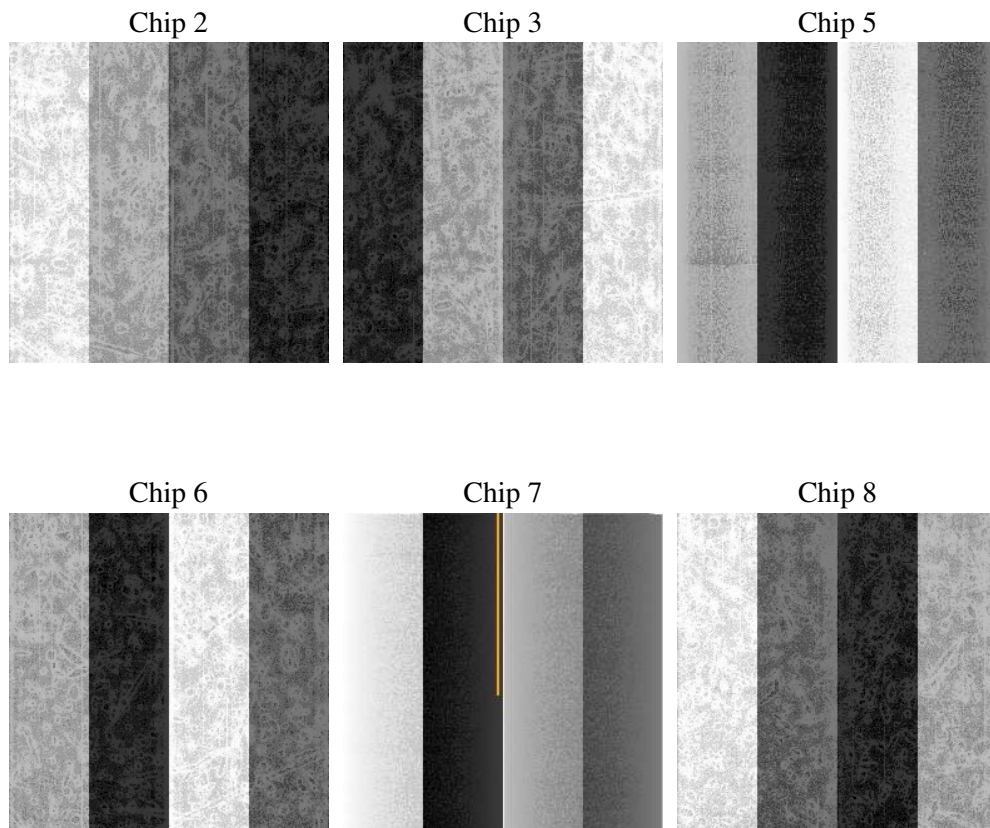
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-13T14:24:20
revision	2

sched_exp_time	19000.000000
ontime	19935.394093633
ontime2	19935.394063711
ontime3	19935.394043803
ontime5	19935.394093633
ontime6	19932.153093427
ontime7	19935.394093633
ontime8	19938.635083795
l1events	818291

2.1.4 Events

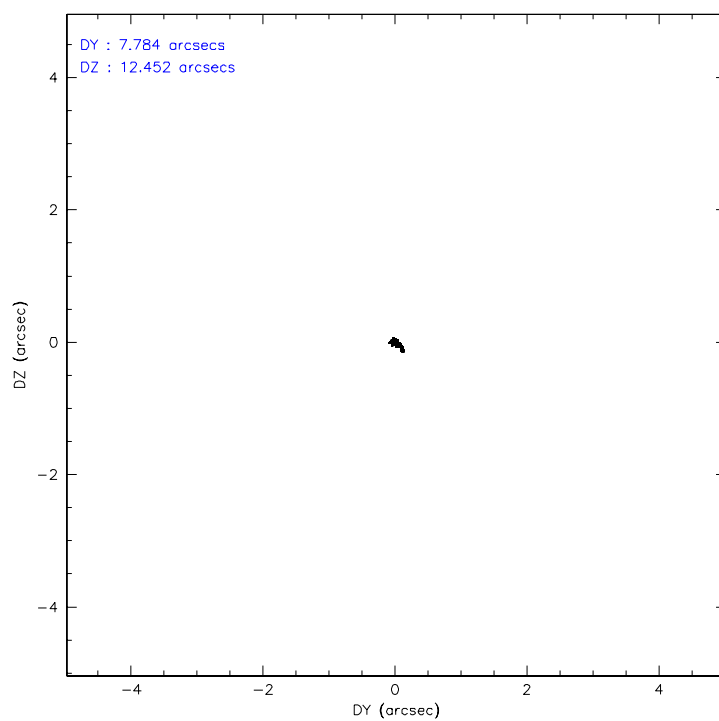
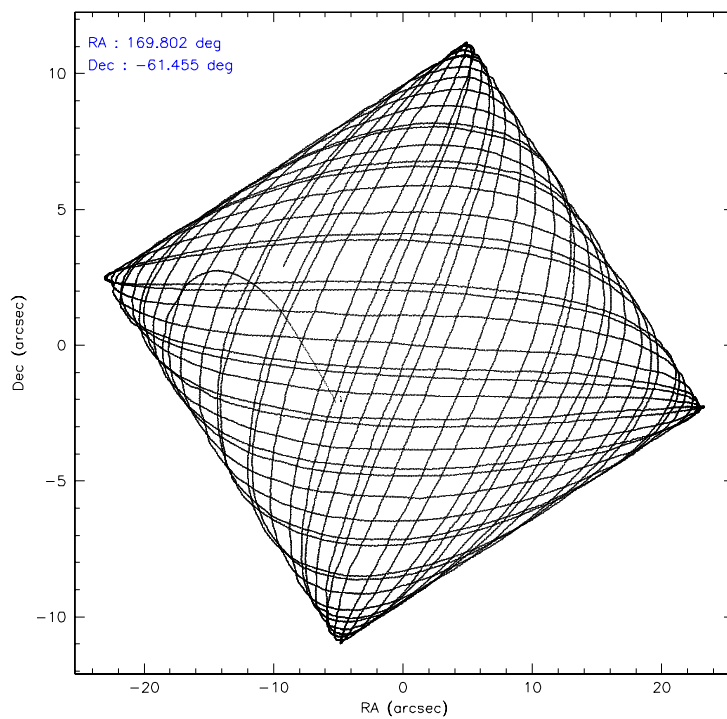
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	137100	121885	152507	131055	121040	154704
rejected events	125111	110866	79243	116094	67803	121112
rejected %	91%	90%	51%	88%	56%	78%

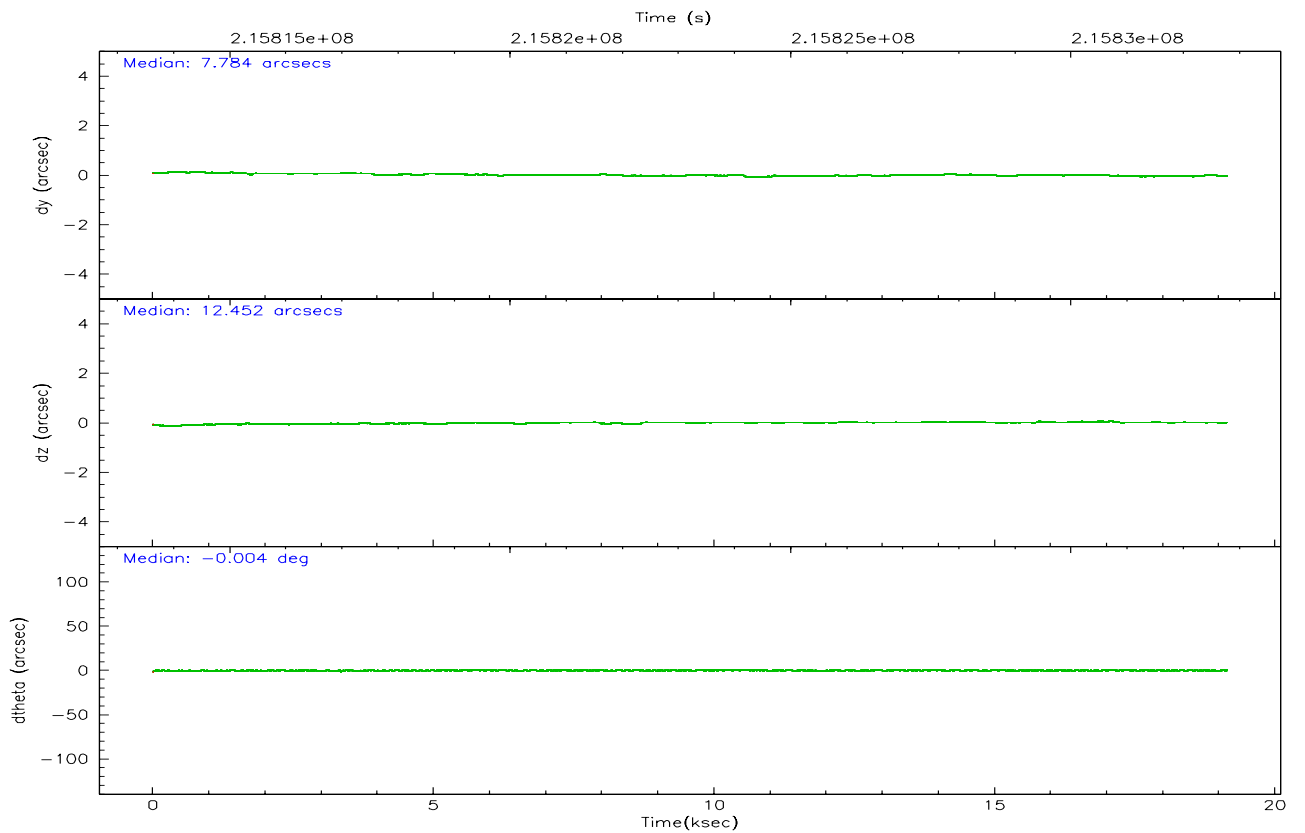
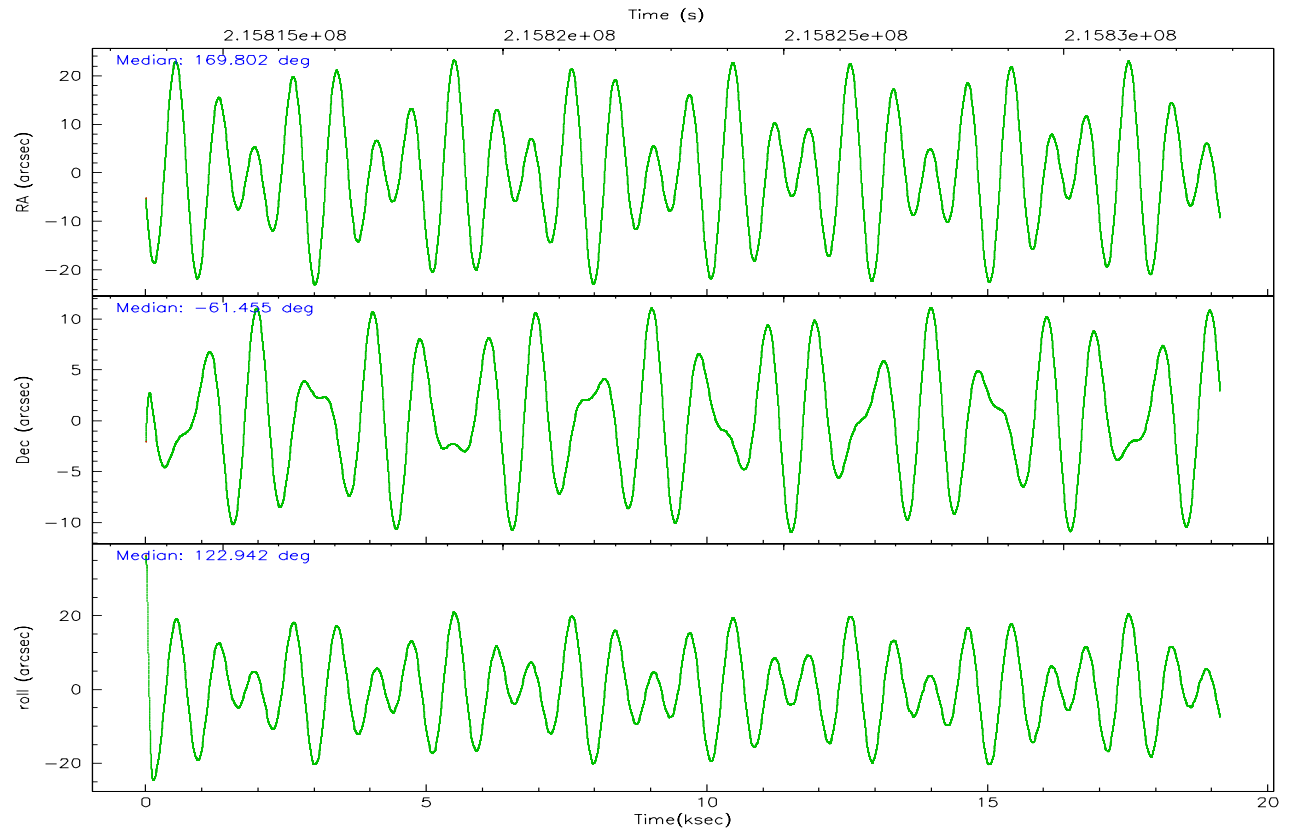
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	4714	4325	7413	6946	4099	8954
	3%	3%	4%	5%	3%	5%
grade 1 events	73	67	60	64	63	88
	0%	0%	0%	0%	0%	0%
grade 2 events	2874	2474	23002	2921	13576	8331
	2%	2%	15%	2%	11%	5%
grade 3 events	1308	1267	1376	1509	3258	4210
	0%	1%	0%	1%	2%	2%
grade 4 events	1399	1297	1395	1510	3128	3833
	1%	1%	0%	1%	2%	2%
grade 5 events	3621	4170	8452	4282	9846	6360
	2%	3%	5%	3%	8%	4%
grade 6 events	2218	2137	43040	2646	31333	9738
	1%	1%	28%	2%	25%	6%
grade 7 events	120893	106148	67769	111177	55737	113190
	88%	87%	44%	84%	46%	73%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	169.853254	169.8021392484405	Alternating exposures requested	N	N
Pointing Dec	-61.466930	-61.45490373955824	Primary exposure time	0.000000	3.2
Pointing Roll	122.837997	122.9497577530482			
Roll angle	140.000000	140.000000			
Roll tolerance	20.000000	20.000000			
Roll constraint allows 180D rotation	N	N			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	215813785.184000	215812334.5947			
Observation start date	2004-11-02T20:15:21	2004-11-02T19:52:14			
Observation end time	215832785.184000	215833684.32066			
Observation end date	2004-11-03T01:32:01	2004-11-03T01:48:04			
Read mode	TIMED	TIMED			

2.3 Aspect



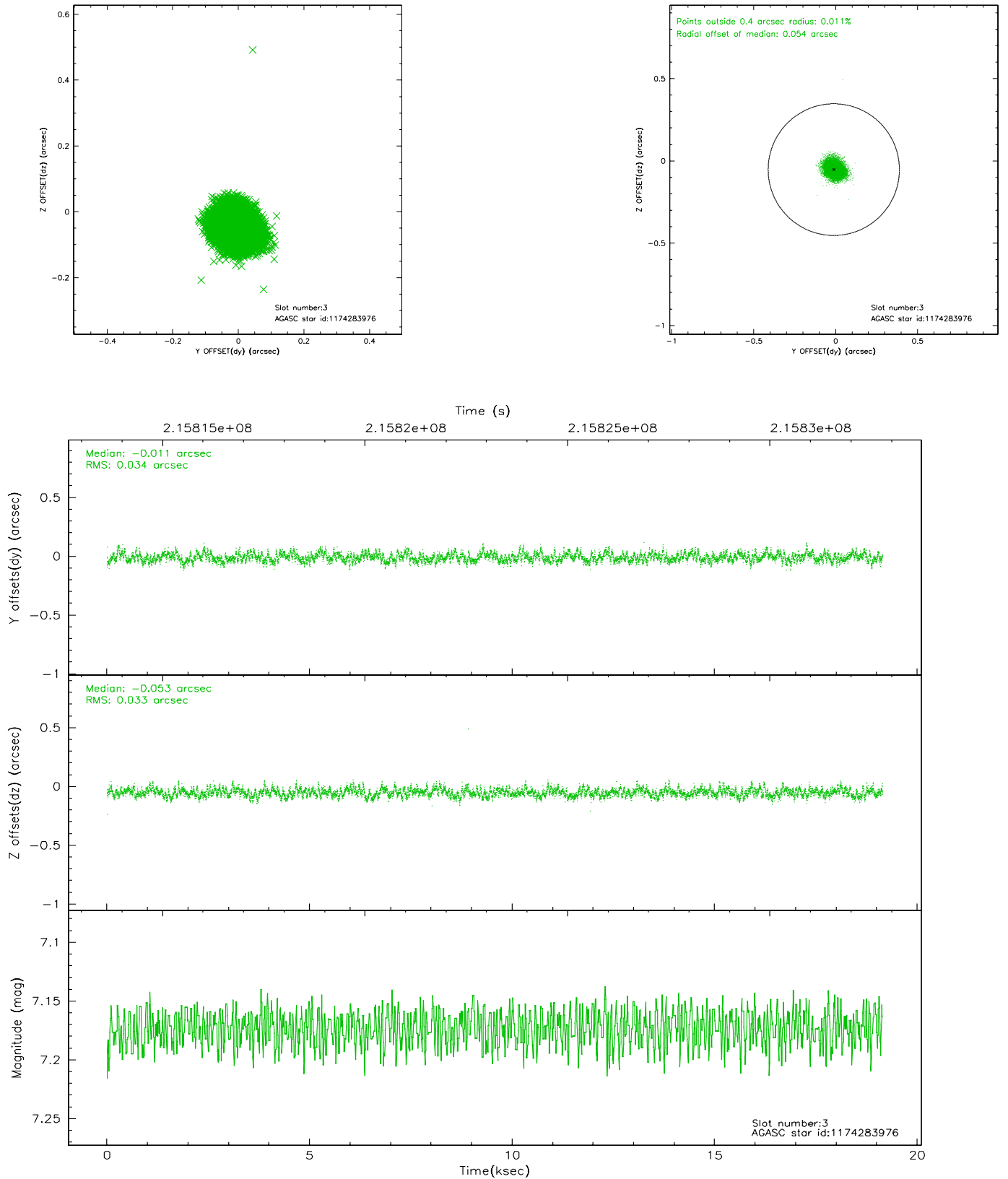


Slot Statistics

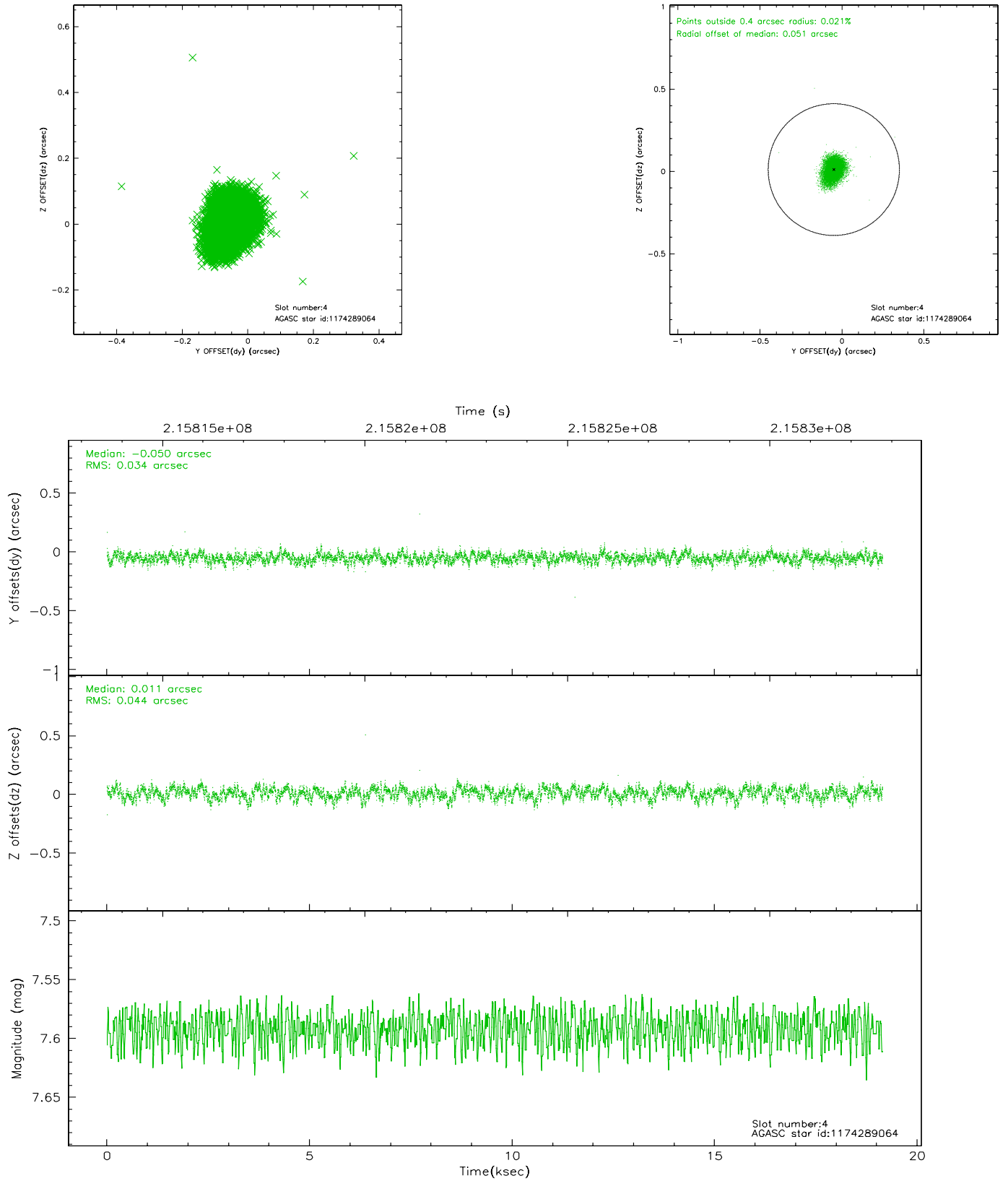
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	4671	0.003	-0.011	0.007	0.011	0.000000	0.000000	-760.57	-1733.76
1	FID	ACIS-S-4	7.20	4671	0.031	0.001	0.005	0.009	0.000000	0.000000	2152.65	174.51
2	FID	ACIS-S-5	7.23	4671	-0.065	0.018	0.007	0.011	0.000000	0.000000	-1813.21	168.45
3	GUIDE	1174283976	7.17	9339	-0.011	-0.053	0.050	0.080	170.390254	-61.226219	221.11	-1249.33
4	GUIDE	1174289064	7.59	9334	-0.050	0.011	0.059	0.096	169.403245	-61.635432	-94.47	977.01
5	GUIDE	1174290744	8.19	9338	0.011	0.051	0.062	0.096	171.197974	-61.558775	-1547.46	-1744.80
6	GUIDE	1174294448	8.41	9333	0.012	0.025	0.061	0.101	169.819774	-60.897022	1755.87	-1063.12
7	GUIDE	1174808080	8.71	9333	0.039	-0.034	0.062	0.100	169.528961	-61.918631	-1069.14	1344.09

2.4 Star Slots

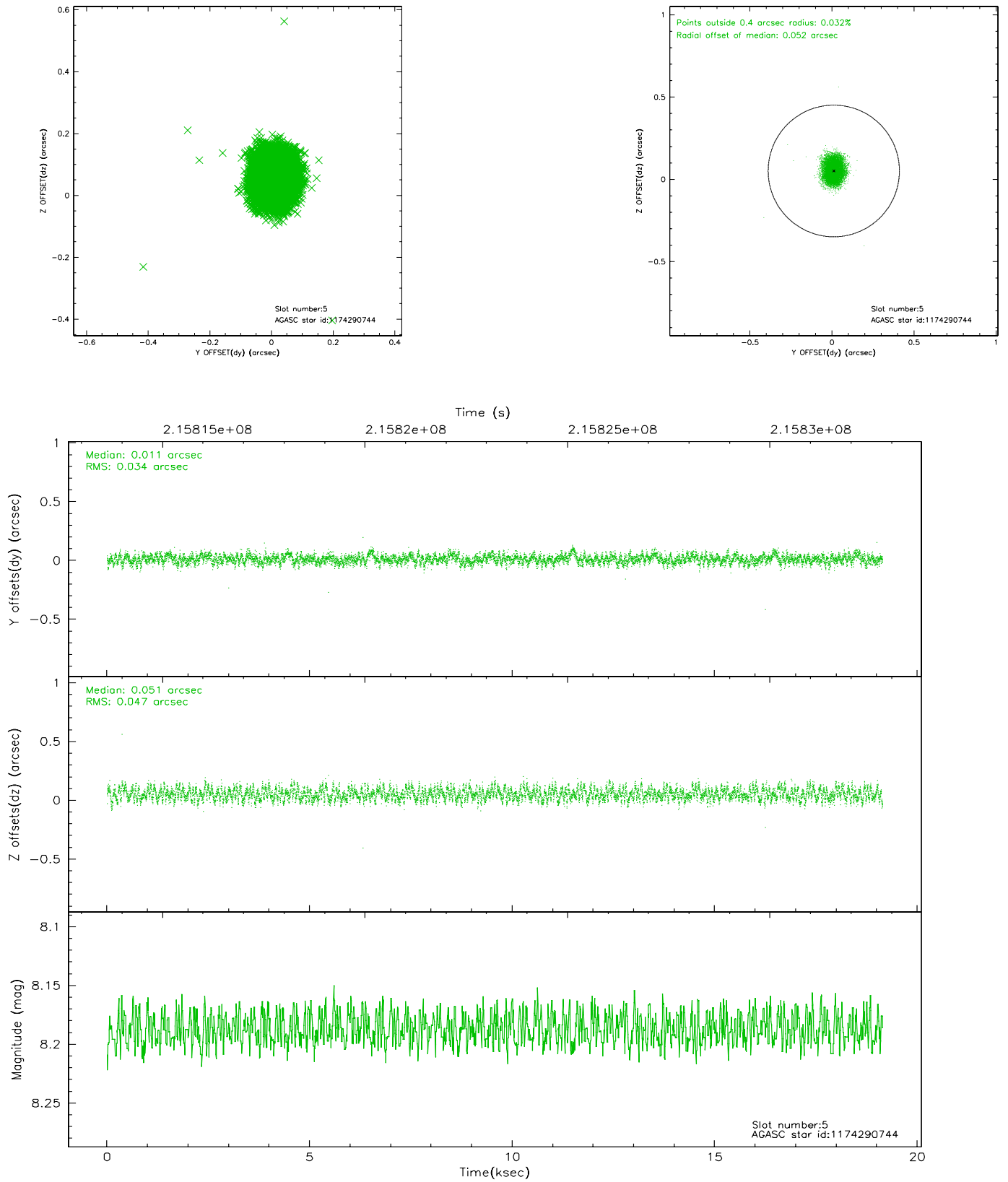
2.4.1 Slot 3



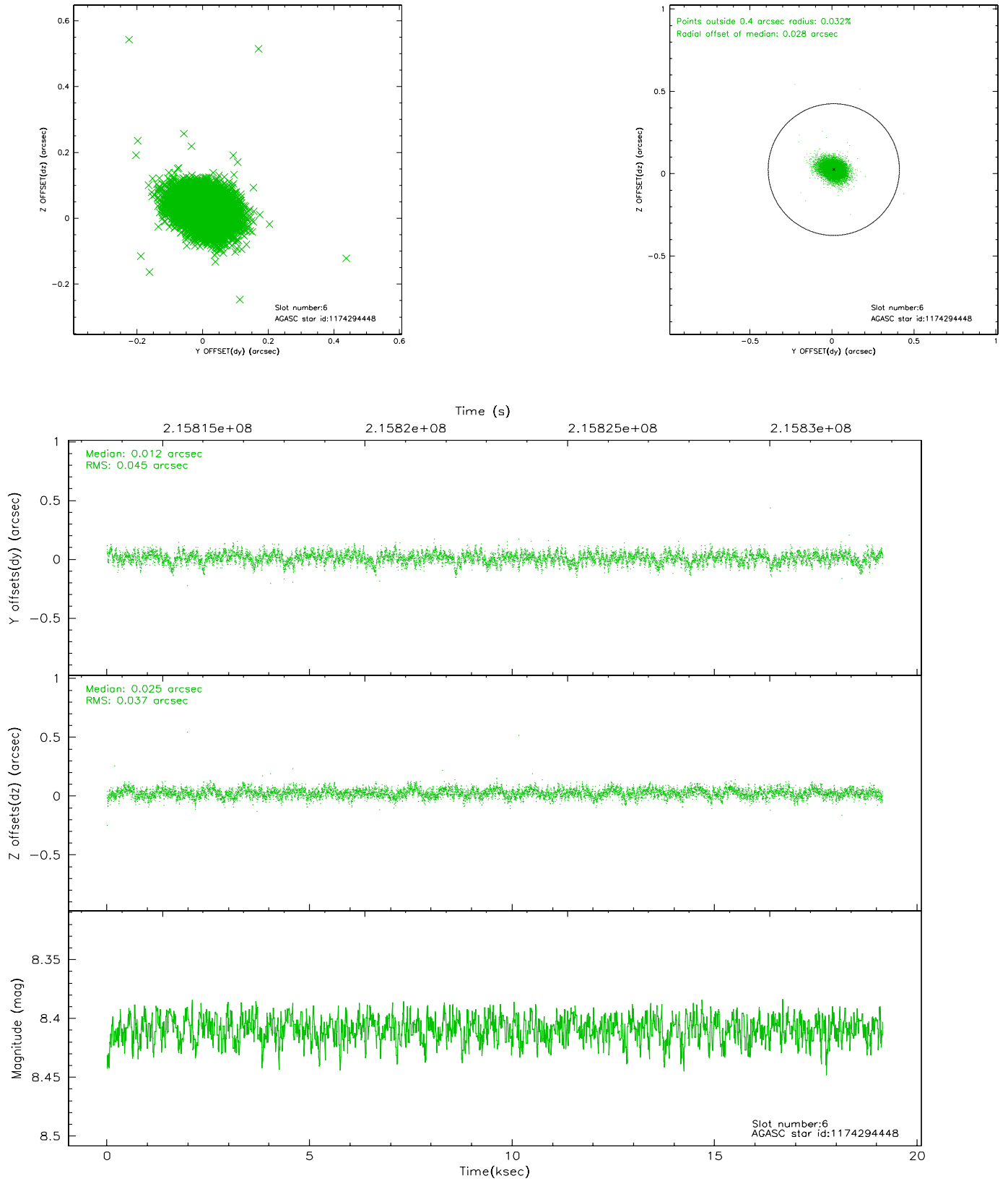
2.4.2 Slot 4



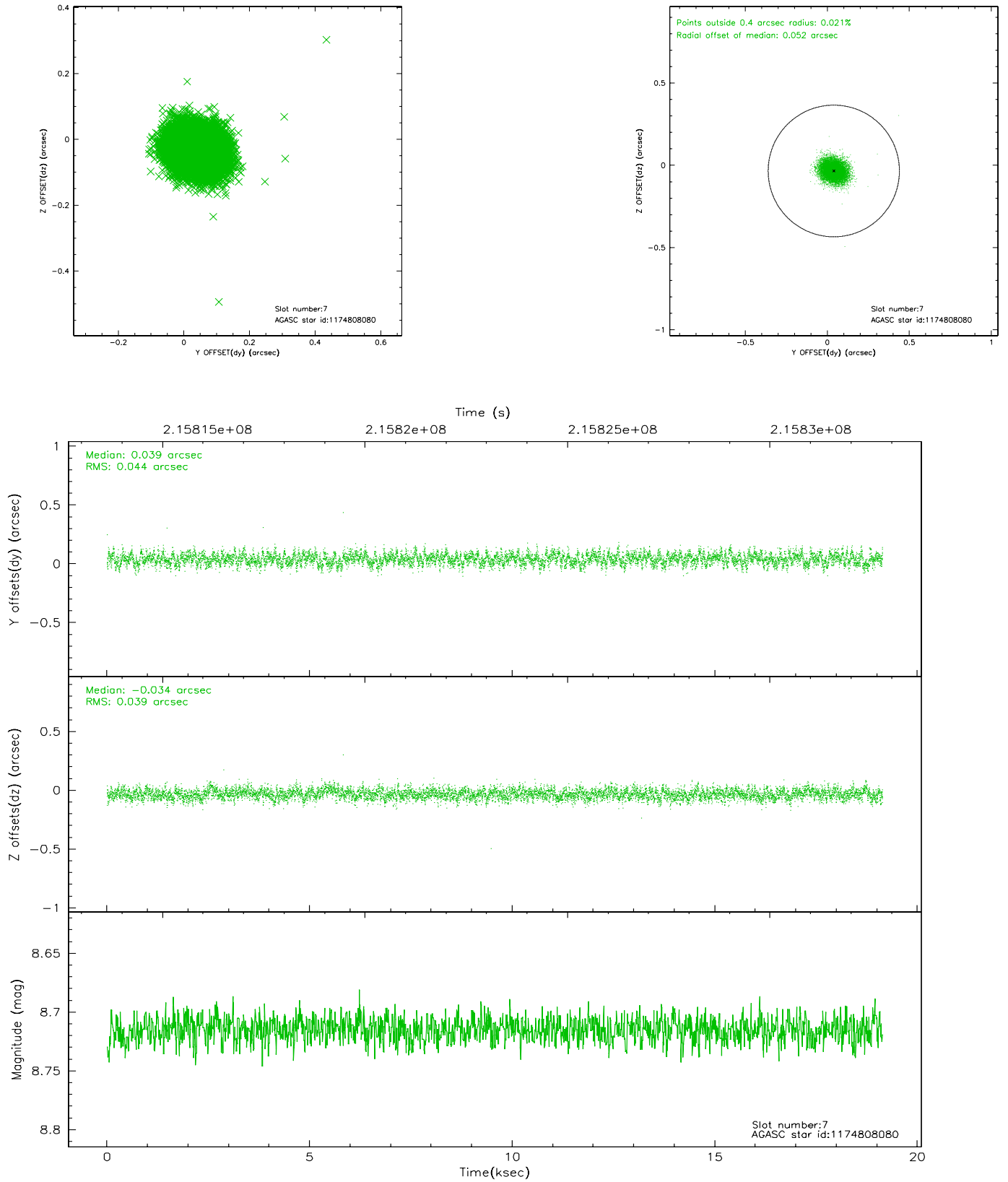
2.4.3 Slot 5



2.4.4 Slot 6

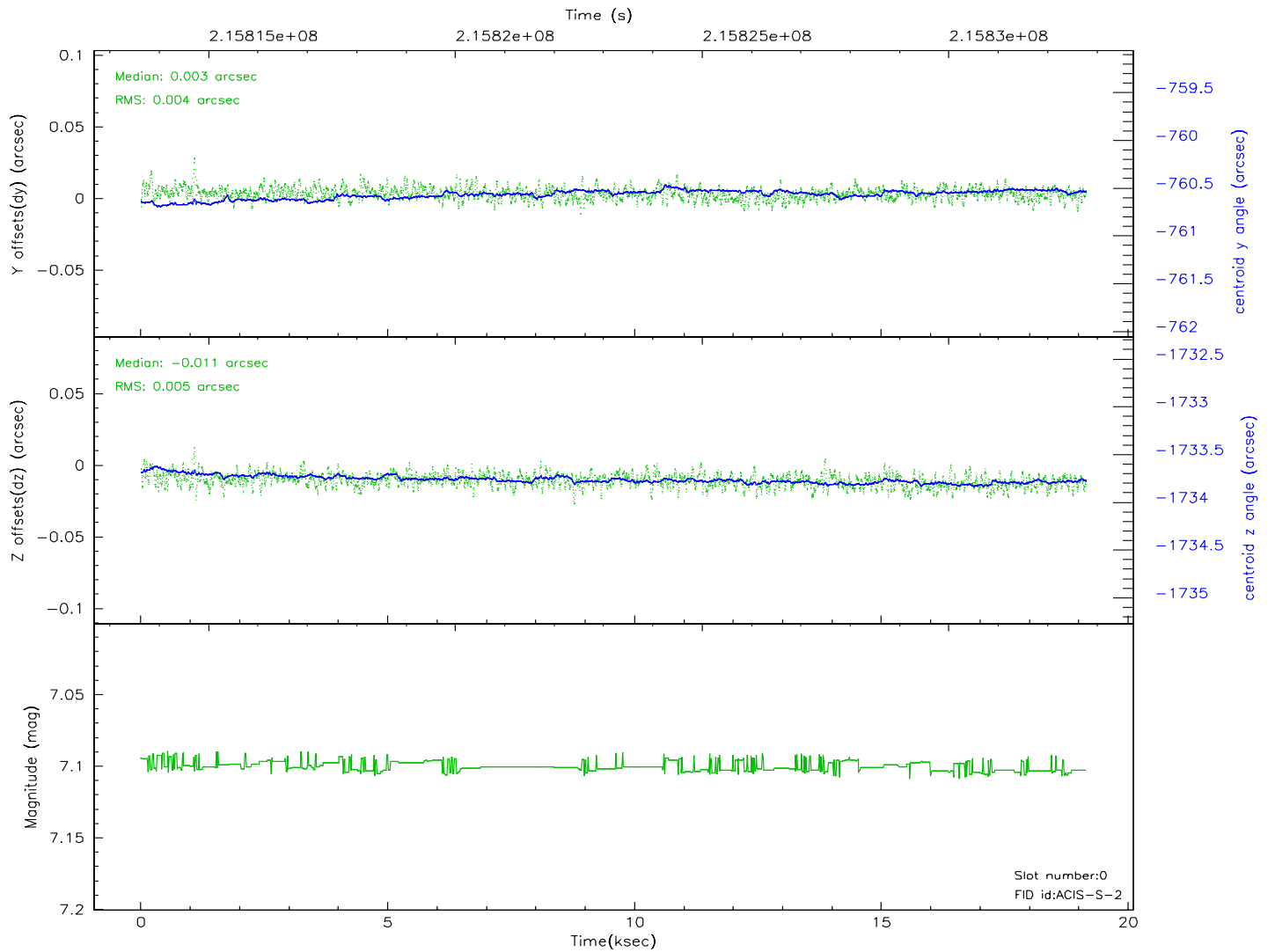
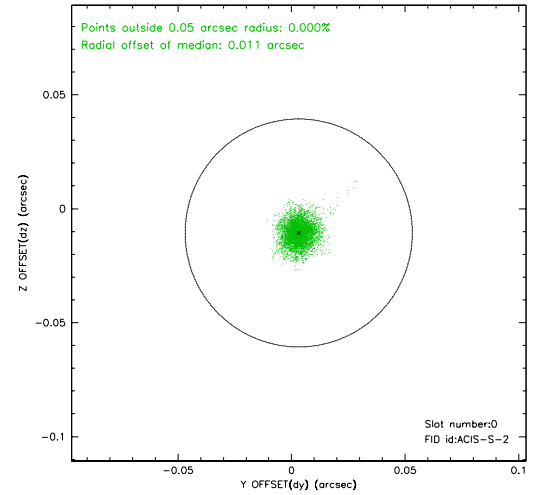
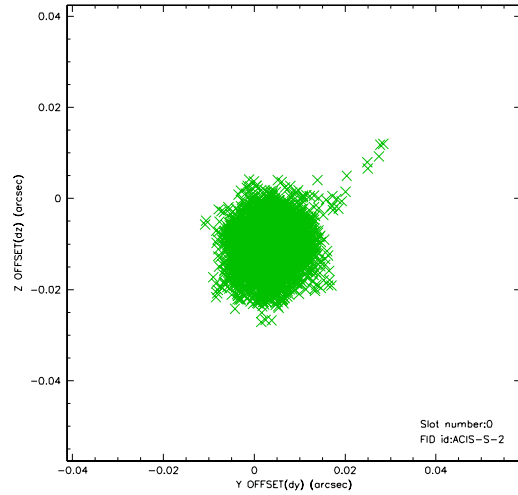


2.4.5 Slot 7

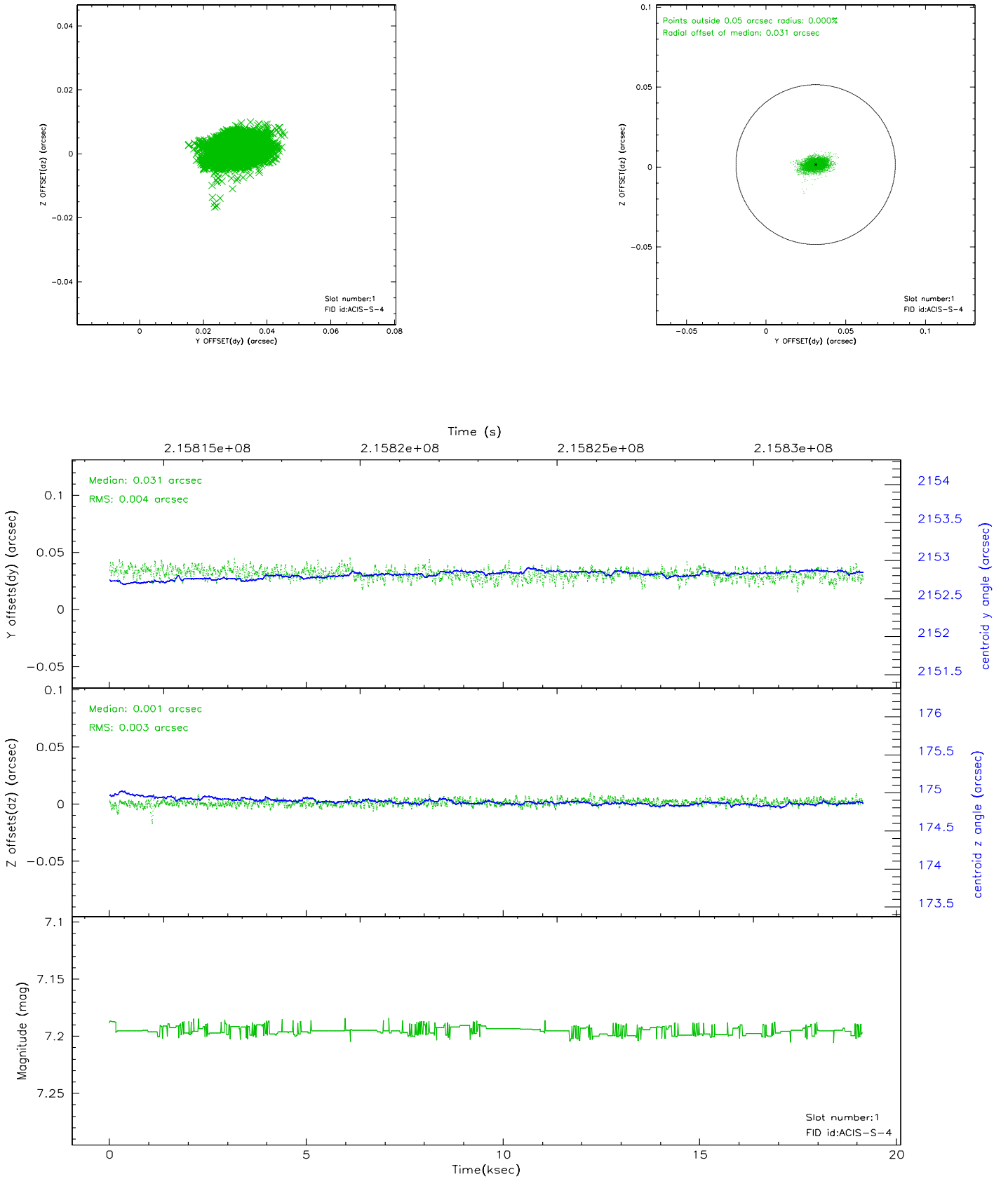


2.5 FID Slots

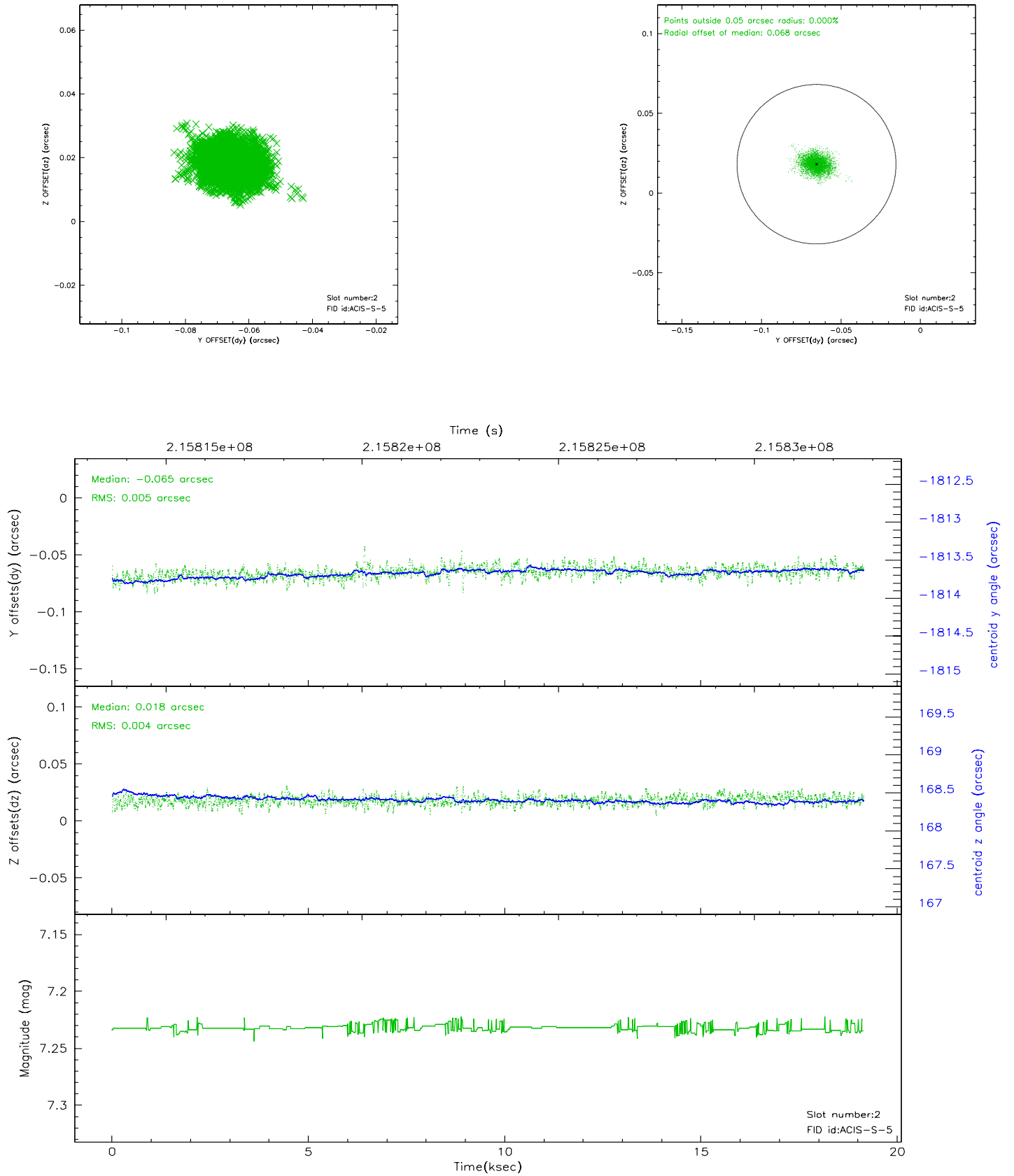
2.5.1 Slot 0



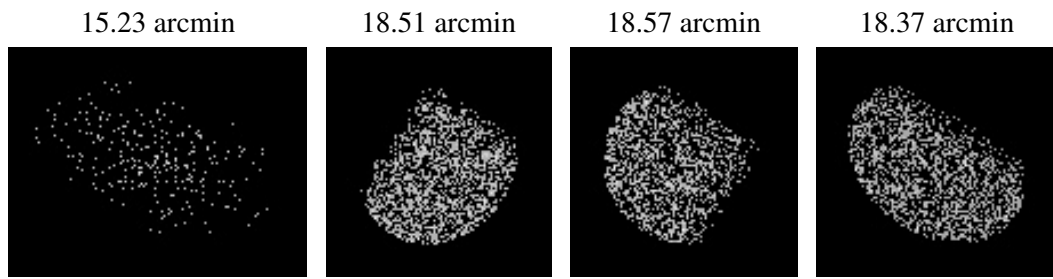
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.04.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.139

A.2 Comments

Roll constraint satisfied.