

V&V Reference Report

L2 ASCDS Version : 8.1.1

Observation 80 - L2 Version 4

Chandra X-Ray Center

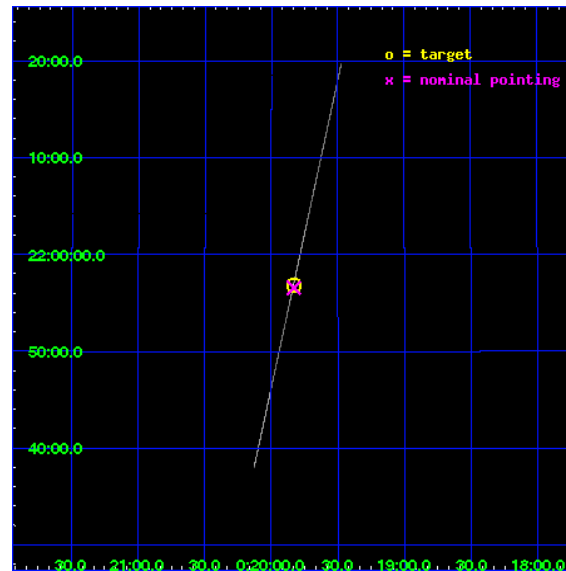
L2 Processing Date : Nov 25 2009

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1 Front

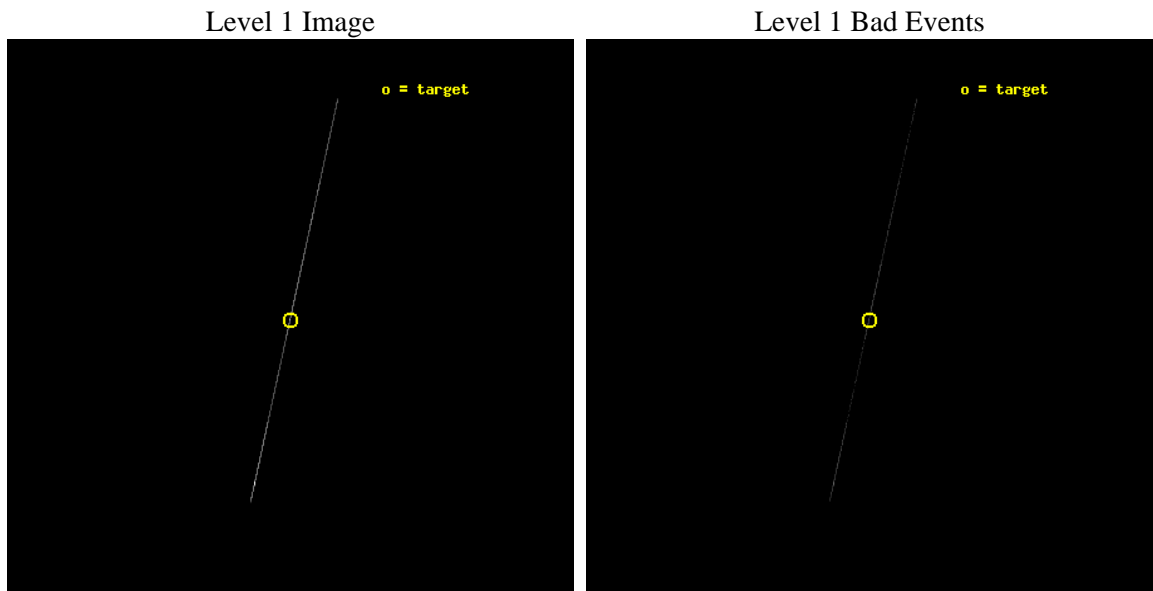
seq_num	300005	Sequence number
obs_id	80	Observation id
title	SUPER-SOFT X-RAY SOURCES	Proposal title
observer	Dr Steve Murray	Principal investigator
object	RX J0019.8+2156	Source name
ra_targ	4.958333	Observer's specified target RA
dec_targ	21.948333	Observer's specified target Dec
ra_nom	4.9575441311302	Nominal RA
dec_nom	21.942980478027	Nominal Dec
roll_nom	282.30826960186	Nominal Roll
revision	4	Processing version of data
ontime	1145.5	Sum of GTIs [s]
livetime	1141.025390625	Livetime [s]
ontime5	1145.5	Sum of GTIs [s]
ontime6	1145.5	Sum of GTIs [s]
ontime7	1145.5	Sum of GTIs [s]
ontime8	1144.0405980423	Sum of GTIs [s]
ontime9	1142.5832964927	Sum of GTIs [s]
l2events	12884	Number of level 2 events



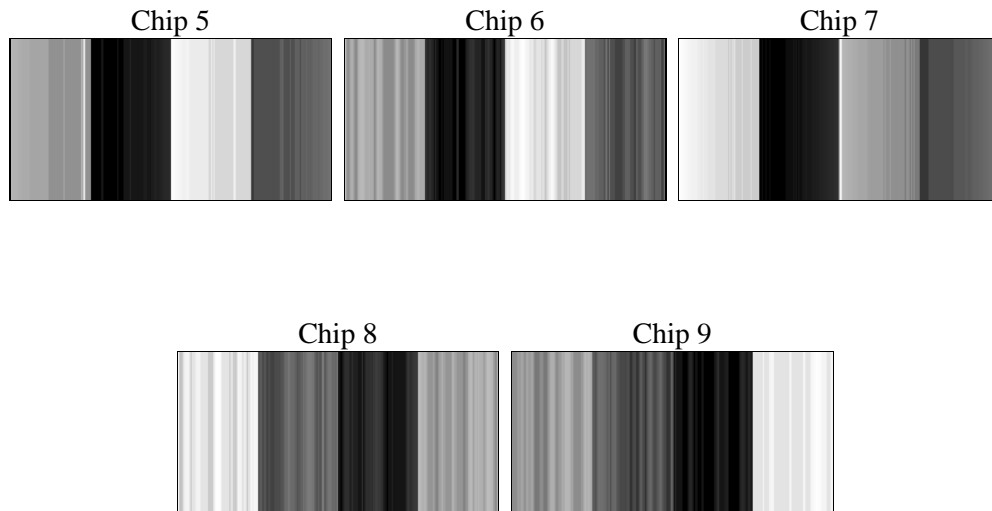
2 OBI

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	Scheduled observation exposure time
ascdsver	8.1.1	ASCDS version number	ontime	1145.5	Sum of GTIs [s]
caldsver	4.1.4	 	ontime5	1145.5	Sum of GTIs [s]
date	2009-11-25T08:07:51	Date and time of file creation	ontime6	1145.5	Sum of GTIs [s]
revision	4	Processing version of data	ontime7	1145.5	Sum of GTIs [s]
			ontime8	1144.0405980423	Sum of GTIs [s]
			ontime9	1142.5832964927	Sum of GTIs [s]
			l1events	41397	Number of level 1 events

2.1.4 Events

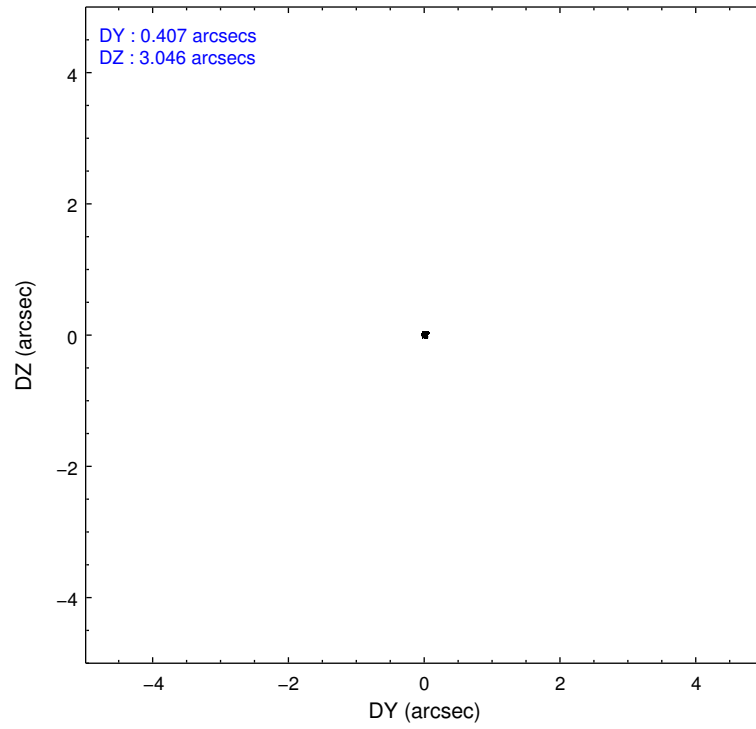
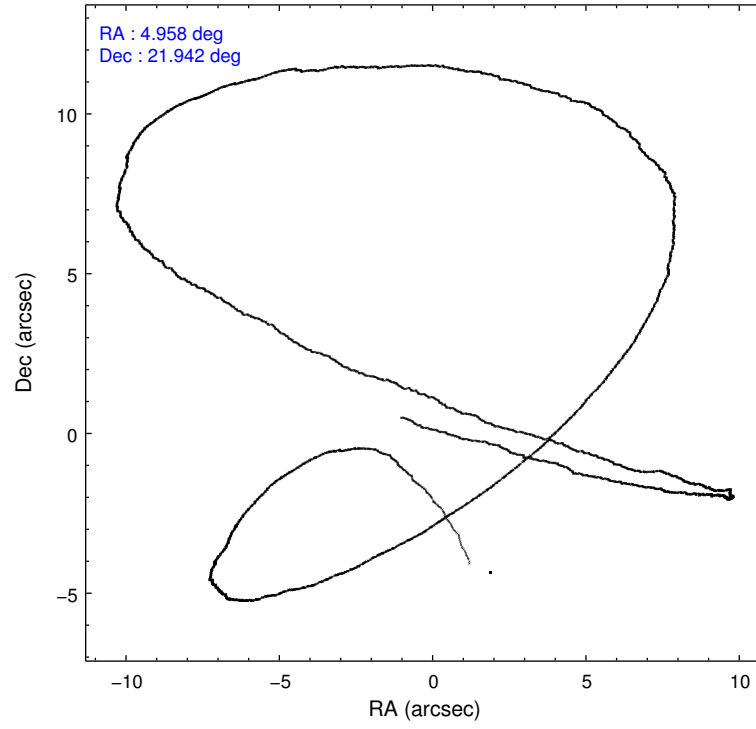
	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	29336	1448	5932	3226	1455
rejected events	557	191	584	325	222
rejected %	1%	13%	9%	10%	15%

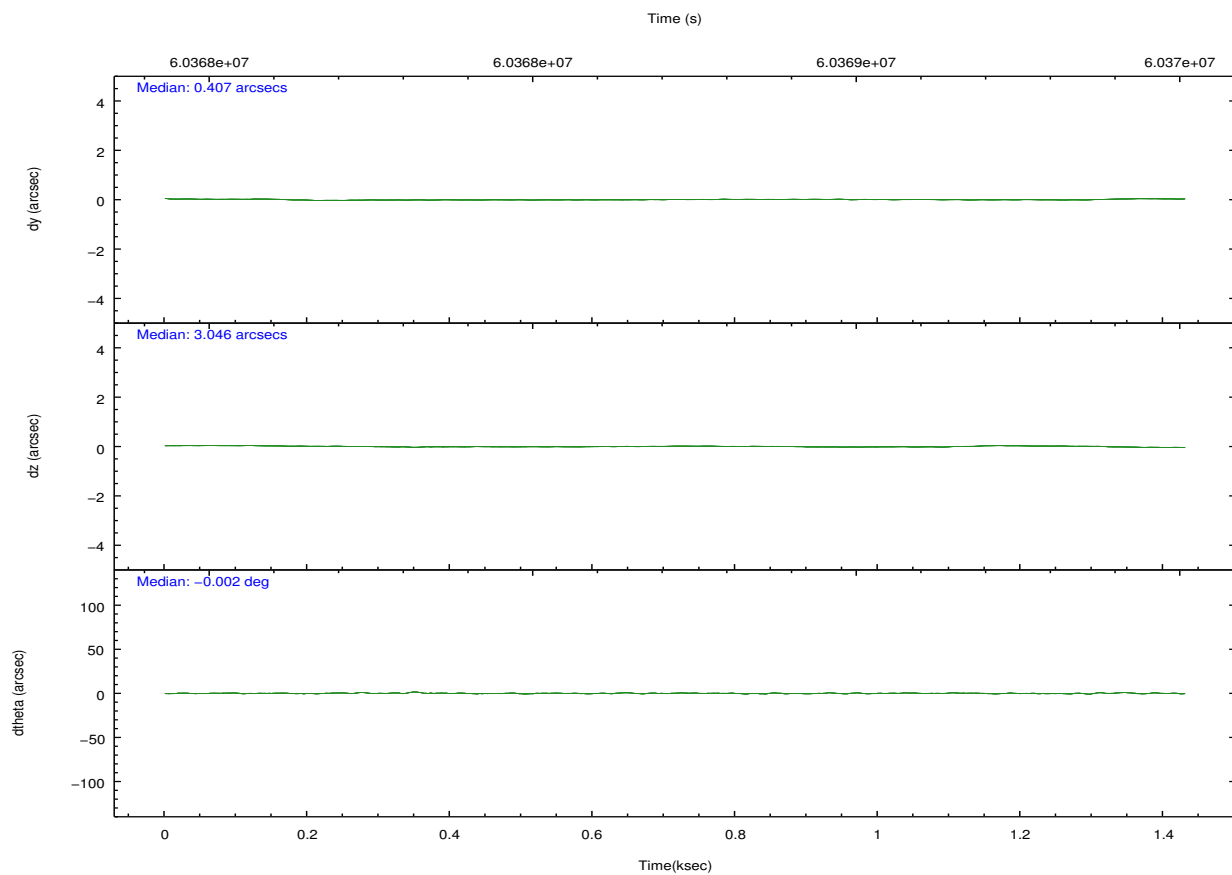
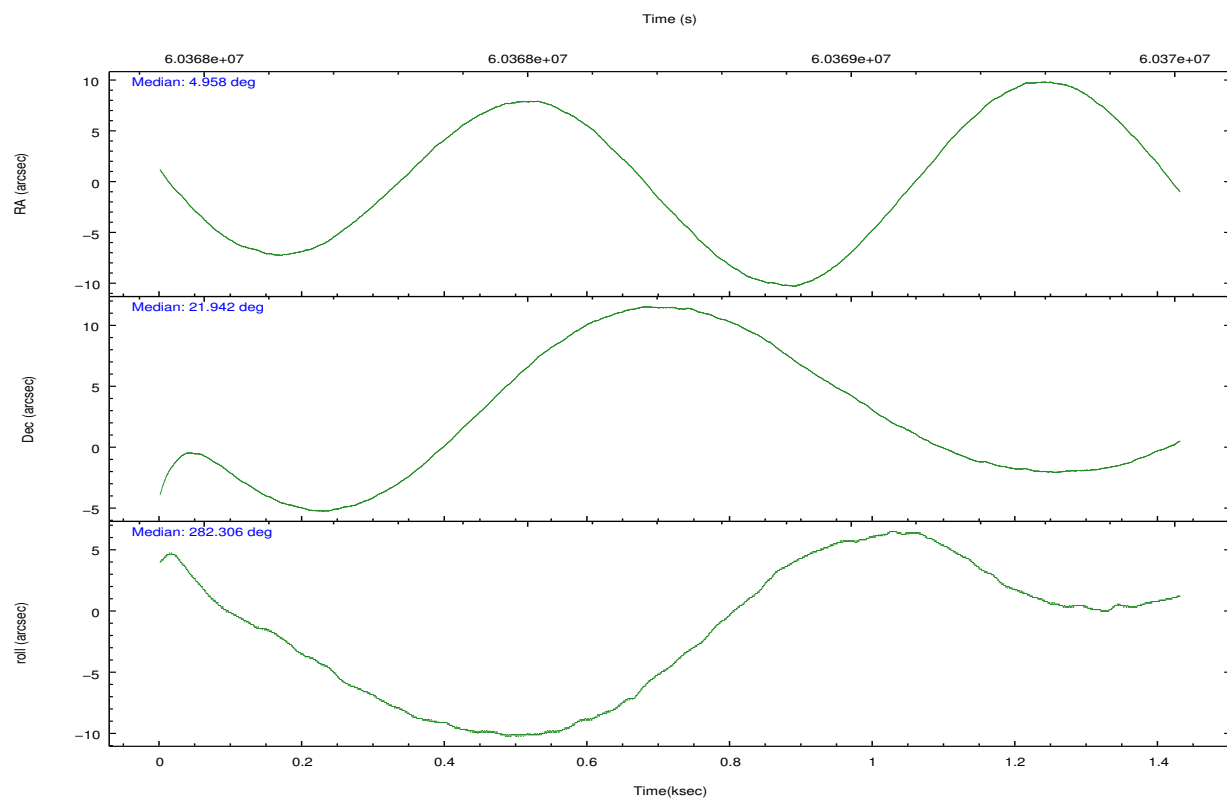
	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	17621	145	1724	786	160
	60%	10%	29%	24%	10%
grade 1 events	45	6	13	17	4
	0%	0%	0%	0%	0%
grade 2 events	8038	396	1068	713	377
	27%	27%	18%	22%	25%
grade 3 events	277	274	395	439	235
	0%	18%	6%	13%	16%
grade 4 events	256	249	395	426	246
	0%	17%	6%	13%	16%
grade 5 events	454	178	557	301	210
	1%	12%	9%	9%	14%
grade 6 events	2645	200	1780	544	223
	9%	13%	30%	16%	15%
grade 7 events	0	0	0	0	0
	0%	0%	0%	0%	0%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-56789	ACIS-56789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	CC33_FAINT	CC33_FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	4.937436	4.957544131130244	Subarray requested	NONE	NONE
Pointing Dec	21.963932	21.94298047802654	Alternating exposures requested	N	N
Pointing Roll	282.159089	282.3082696018556	Primary exposure time	0.000000	0
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	60368435.184000	60367117.112449			
Observation start date	1999-11-30T16:59:31	1999-11-30T16:38:37			
Observation end time	60369435.184000	60369942.525051			
Observation end date	1999-11-30T17:16:11	1999-11-30T17:25:42			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



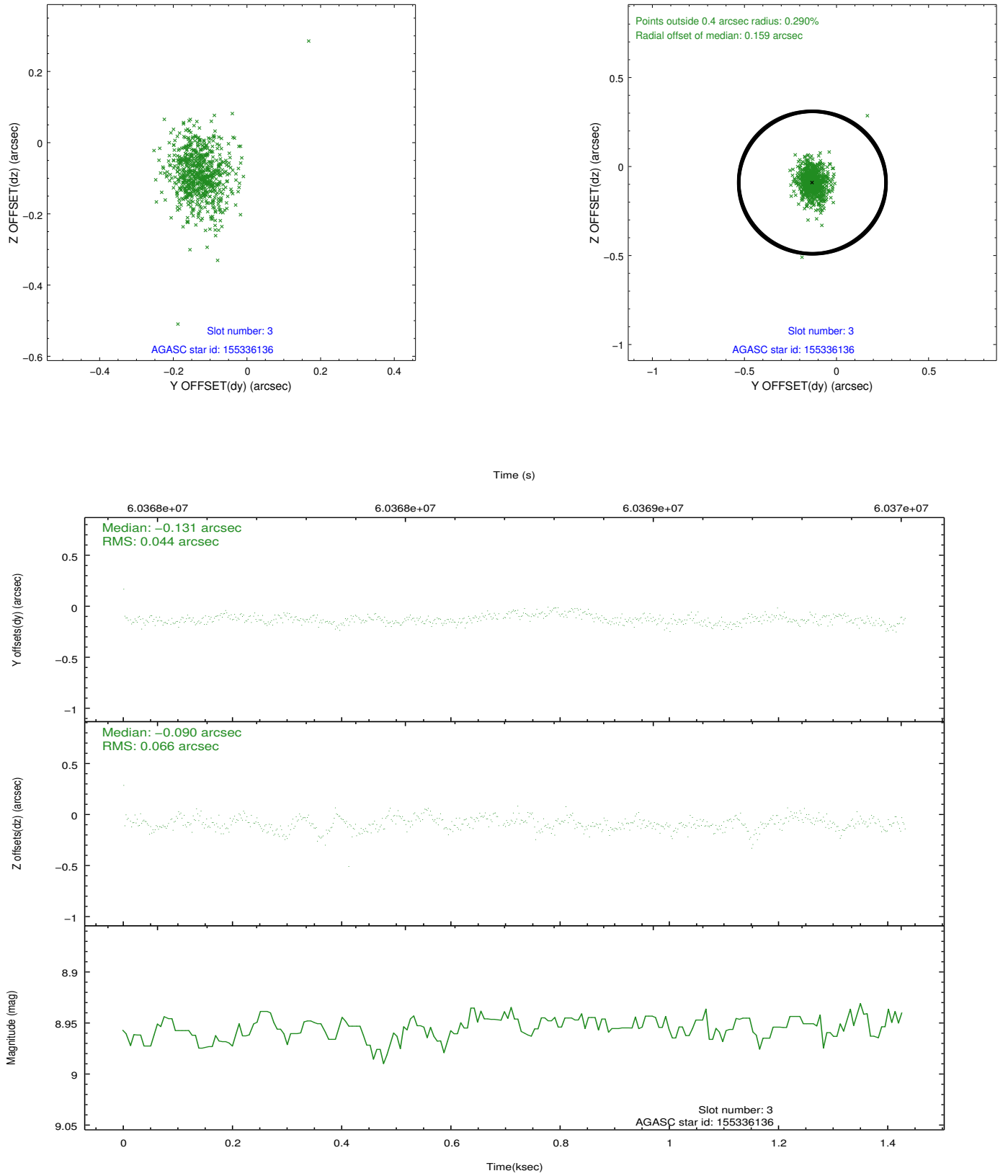


Slot Statistics

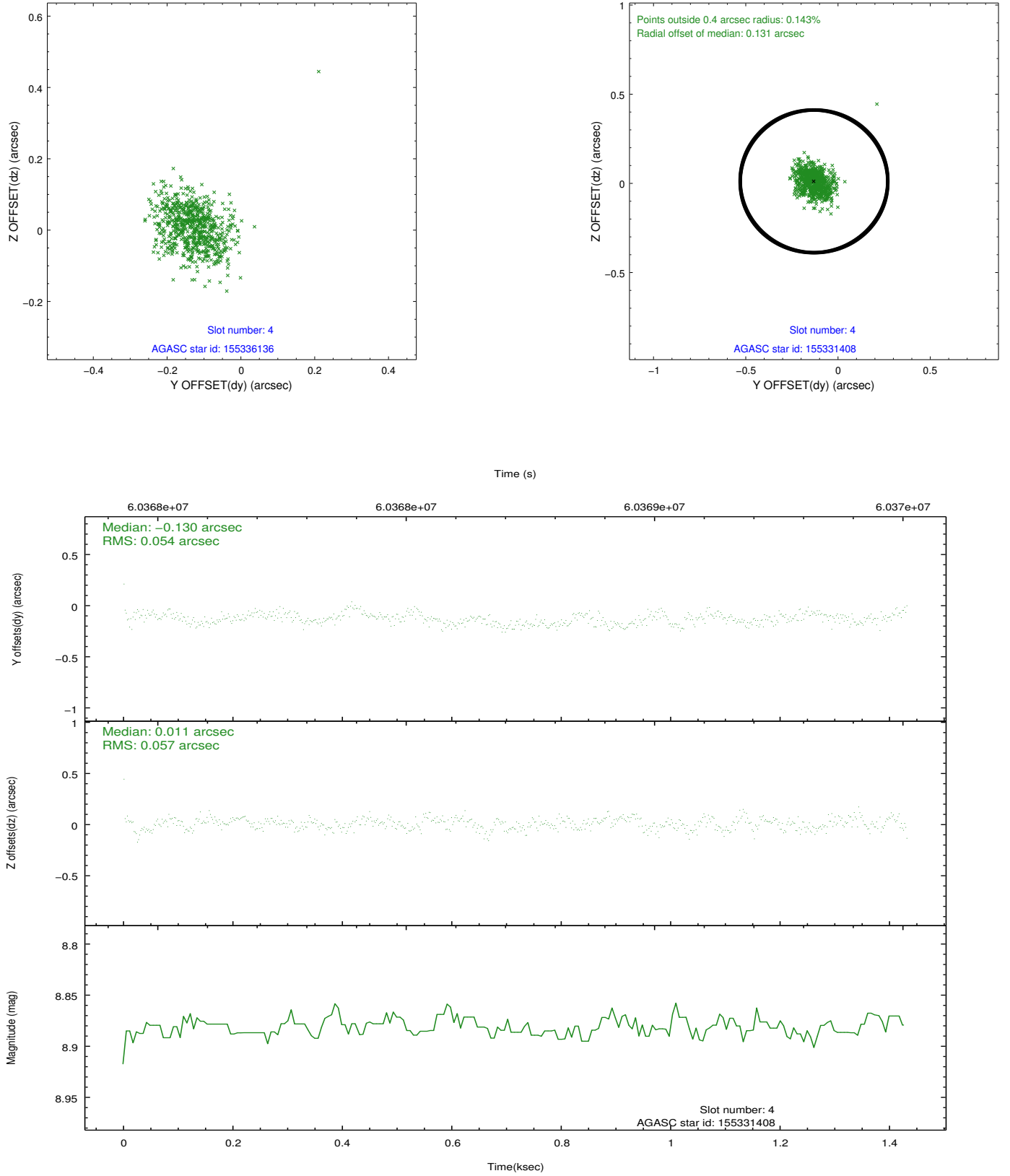
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	697	-0.000	-0.017	0.006	0.011	0.000000	0.000000	-753.04	-1724.09
1	FID	ACIS-S-4	7.21	694	0.046	0.005	0.006	0.010	0.000000	0.000000	2159.33	181.99
2	FID	ACIS-S-5	7.24	694	-0.077	0.021	0.006	0.011	0.000000	0.000000	-1802.98	178.38
3	GUIDE	155336136	8.95	690	-0.131	-0.090	0.079	0.137	4.177235	22.173118	-1278.43	-2318.72
4	GUIDE	155331408	8.88	697	-0.130	0.011	0.082	0.129	5.115014	22.479794	-1695.59	964.31
5	GUIDE	155331936	9.28	694	0.053	0.020	0.080	0.139	5.163761	21.833166	614.36	640.76
6	GUIDE	155455080	9.52	694	0.091	0.127	0.090	0.149	5.389517	21.590742	1628.67	1197.05
7	GUIDE	155320904	9.65	694	0.120	-0.066	0.087	0.149	4.856782	21.638106	1090.03	-510.16

2.4 Star Slots

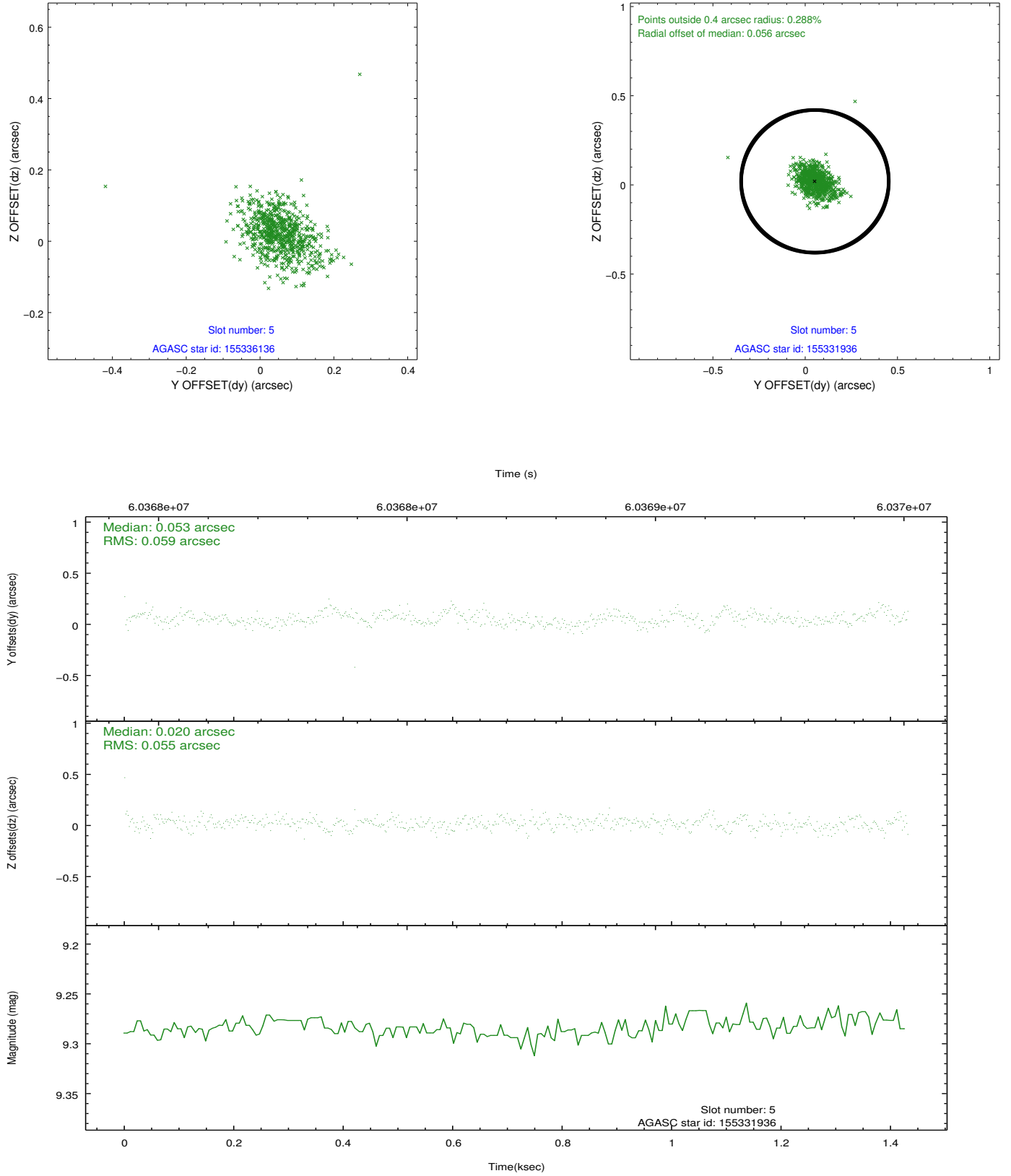
2.4.1 Slot 3



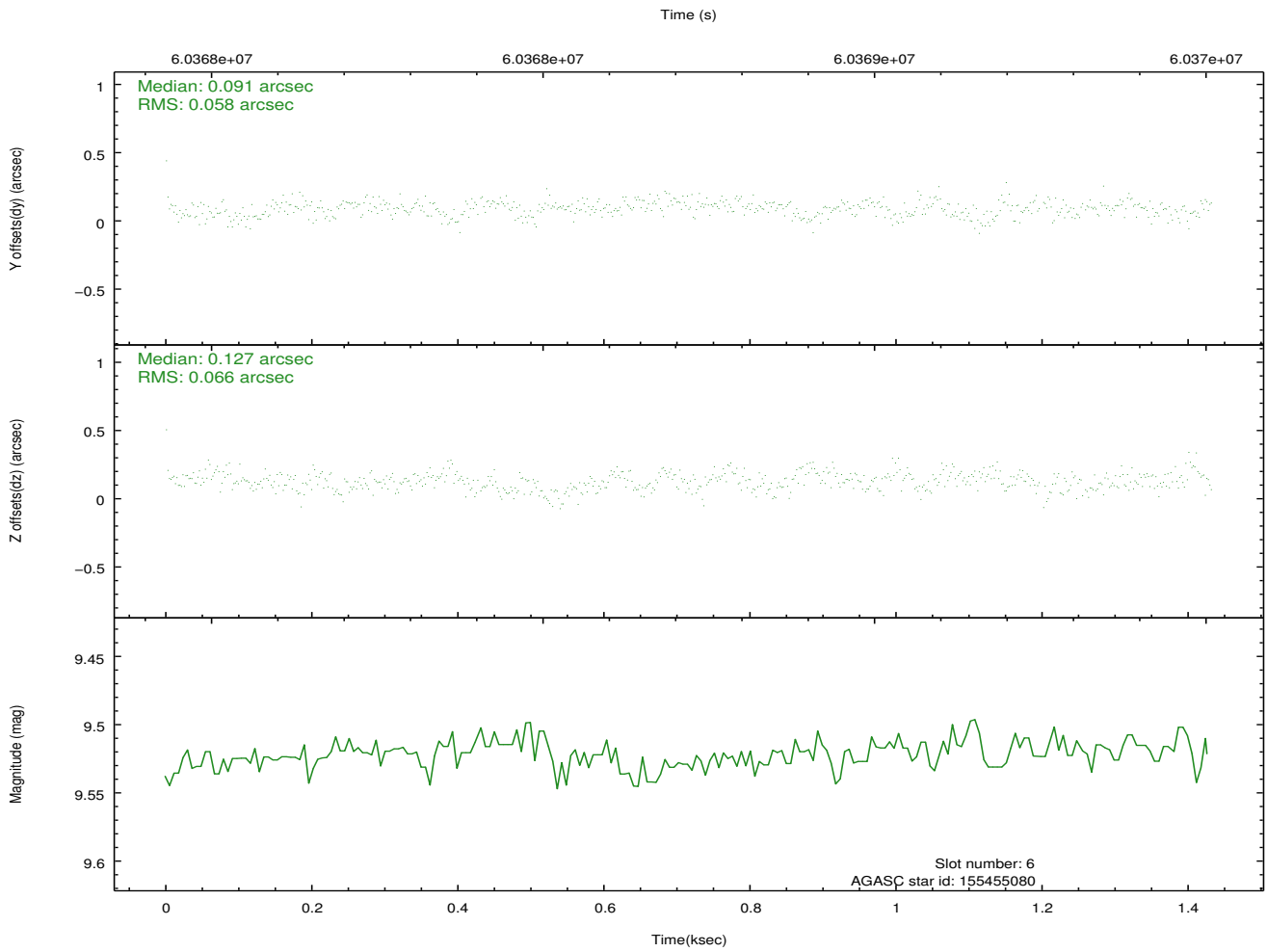
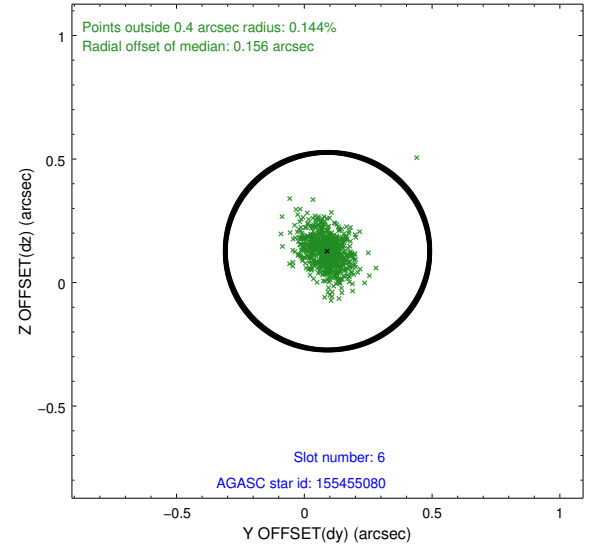
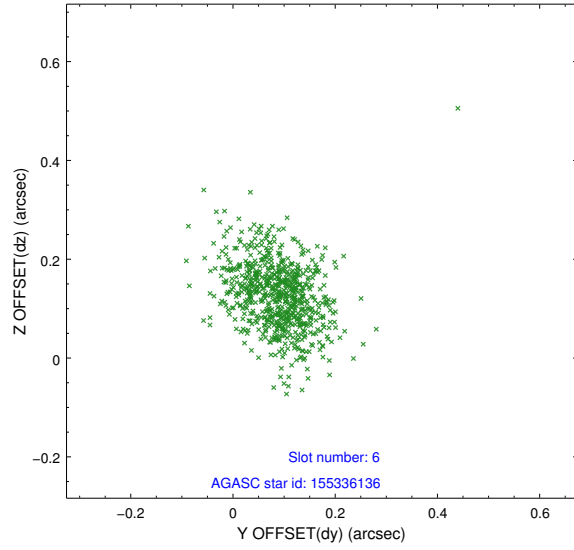
2.4.2 Slot 4



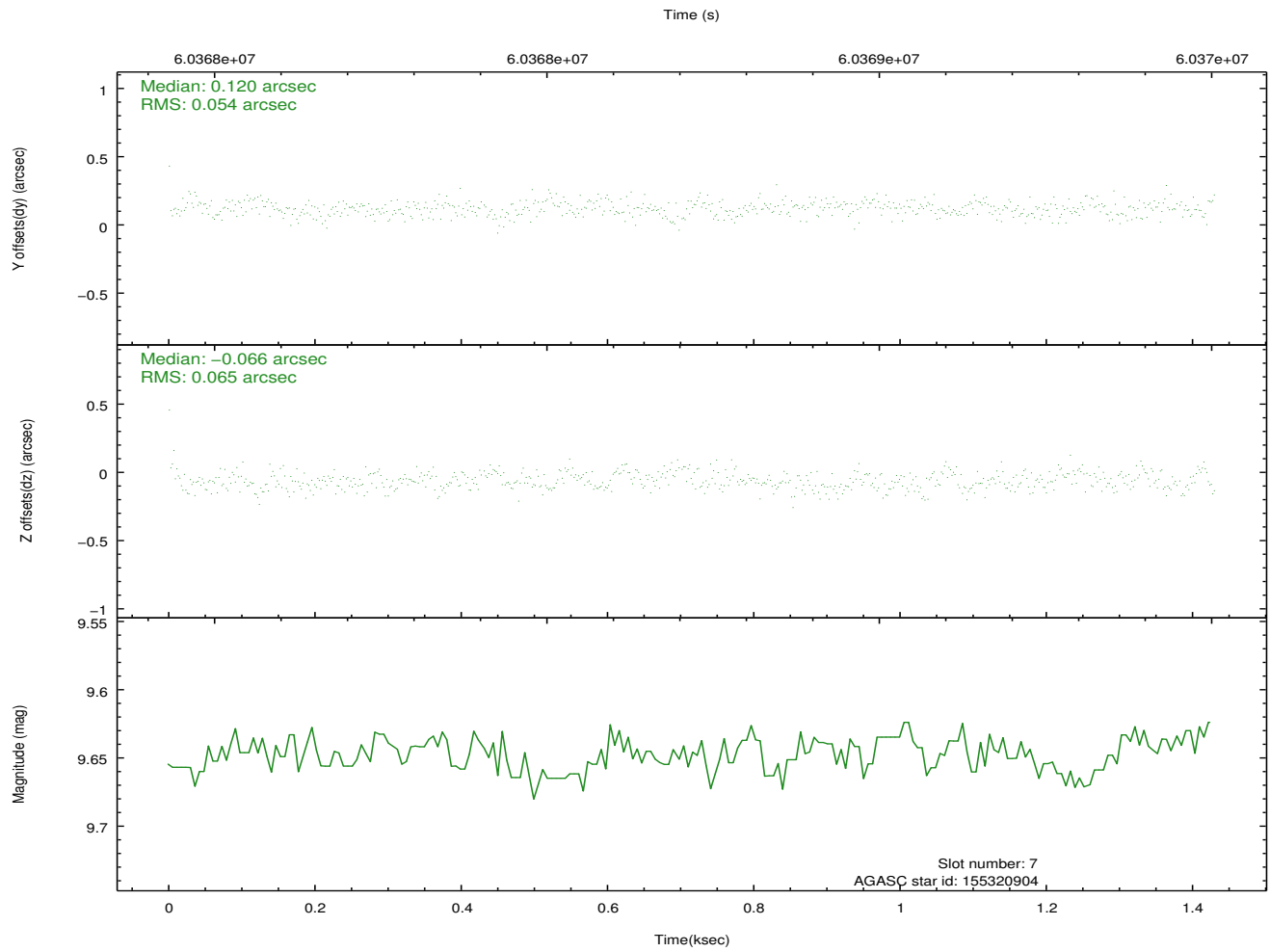
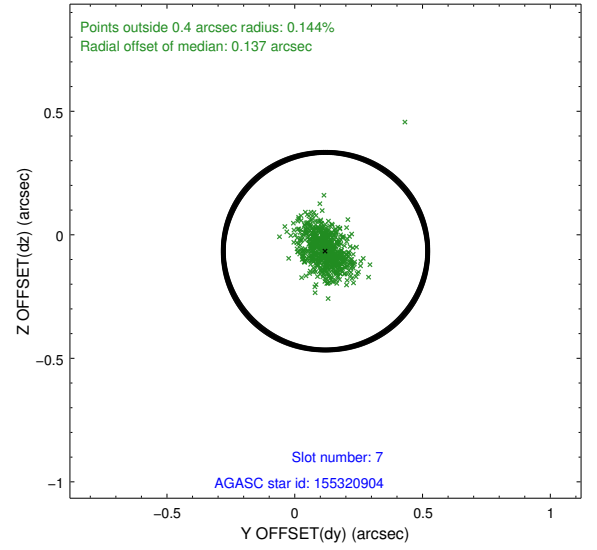
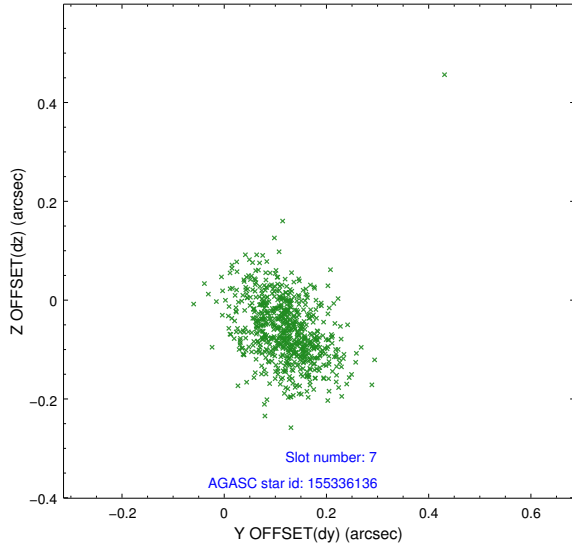
2.4.3 Slot 5



2.4.4 Slot 6

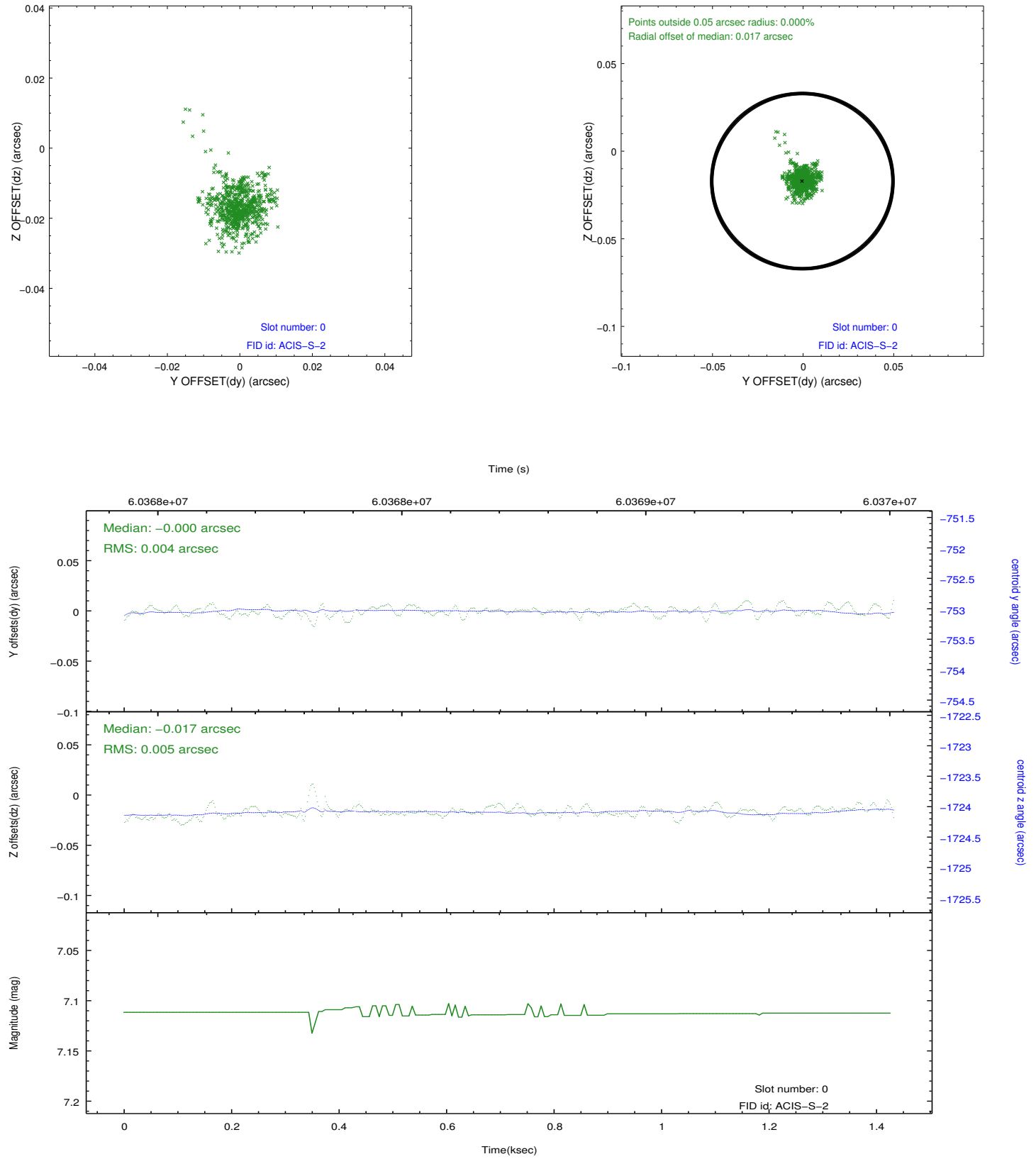


2.4.5 Slot 7

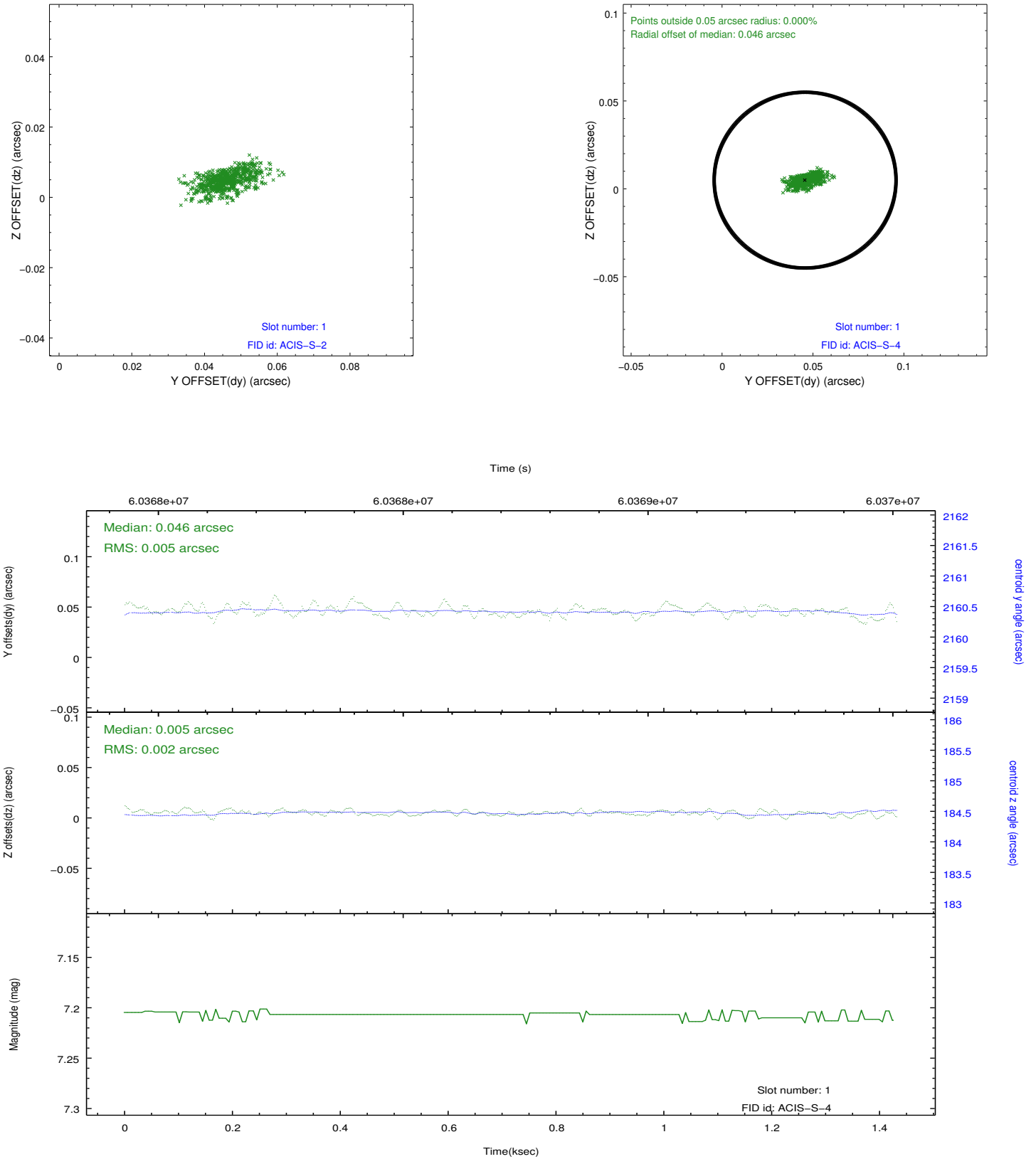


2.5 FID Slots

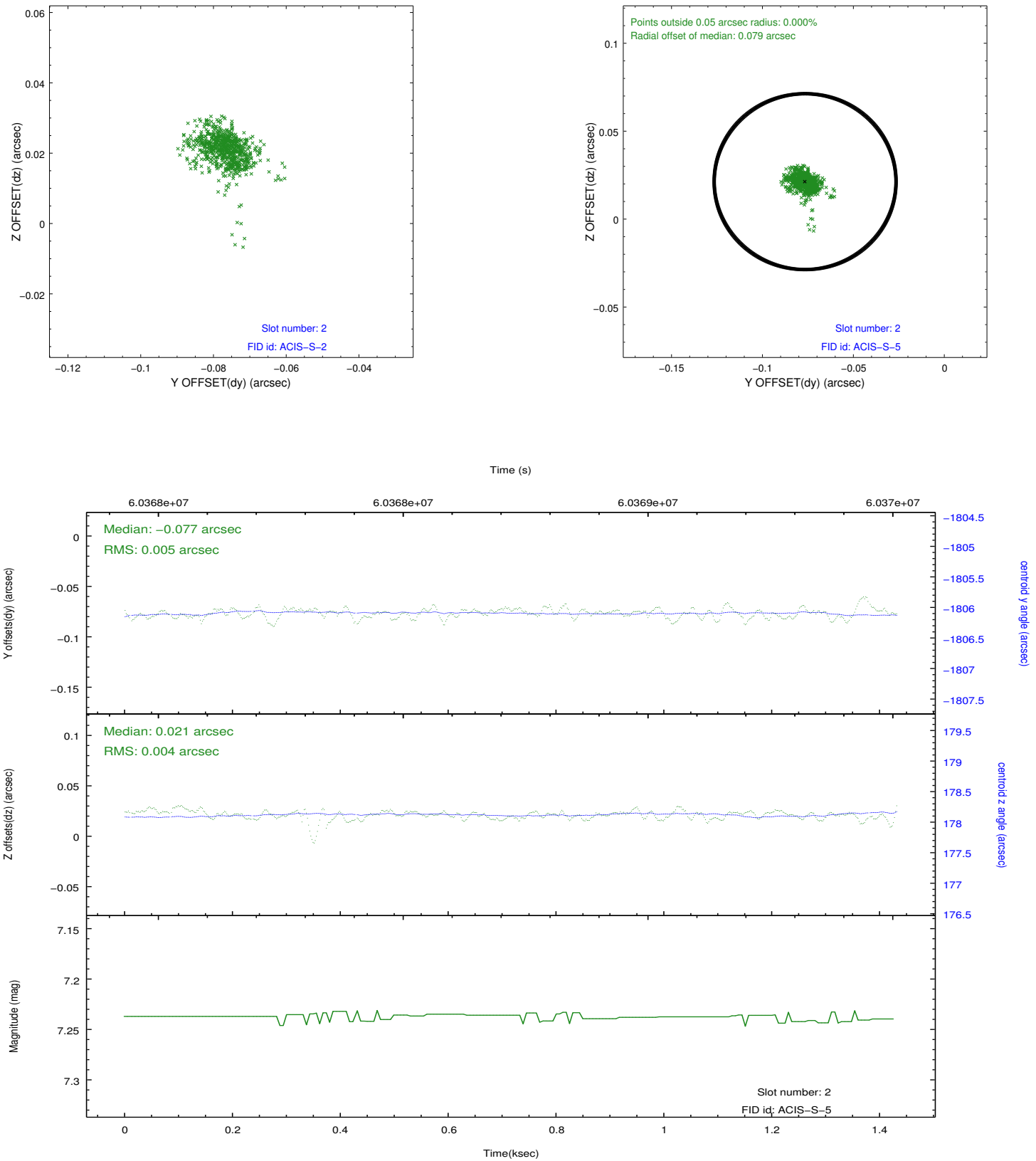
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Glenn Allen
V&V Date (YYYY-MM-DD)	2009.12.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.148

A.2 Comments

Charge time:

Charge time for this ObsId remains at previous value of 1.148 ks.