

V&V Reference Report

L2 ASCDS Version : 8.2.1

Observation 1115 - L2 Version 4

Chandra X-Ray Center

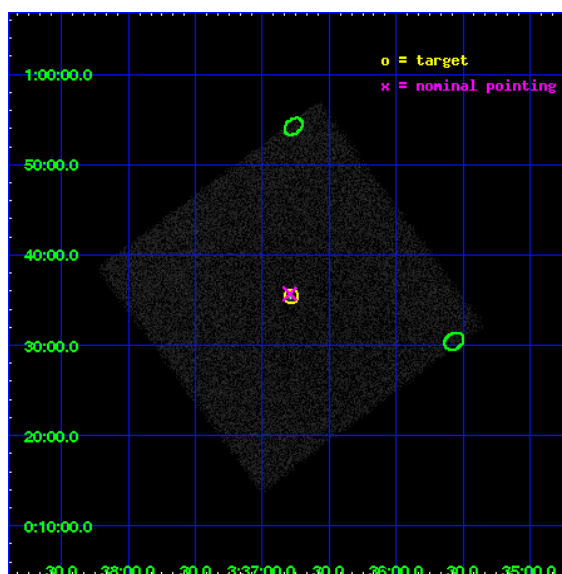
L2 Processing Date : Jan 12 2010

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1 Front

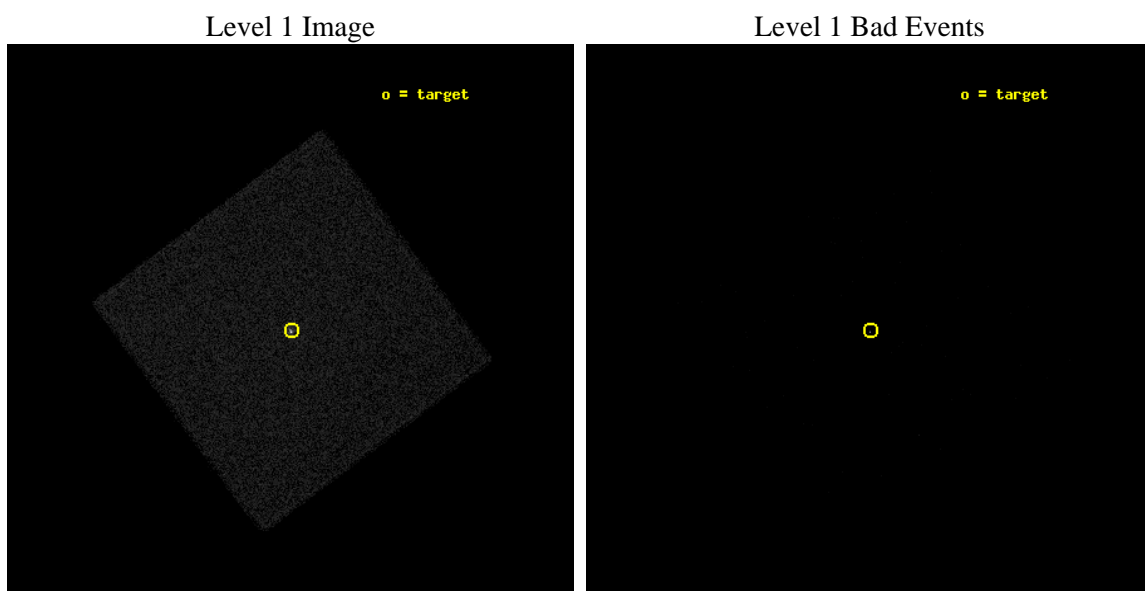
seq_num	280065	Sequence number
obs_id	1115	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	HR1099	Source name
ra_targ	54.197083	Observer's specified target RA
dec_targ	0.589972	Observer's specified target Dec
ra_nom	54.198432730903	Nominal RA
dec_nom	0.59490498836081	Nominal Dec
roll_nom	98.380879306599	Nominal Roll
revision	4	Processing version of data
ontime	1795.0313144624	[s]
livetime	1781.1240261928	Ontime multiplied by DTCOR
l2events	61390	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	2000.000000	Scheduled observation exposure time
ascdsver	8.2.1	Processing system revision	ontime	1795.0313144624	[s]
caldbver	4.1.5	 	l1events	106073	Number of level 1 events
date	2010-01-12T20:06:44	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

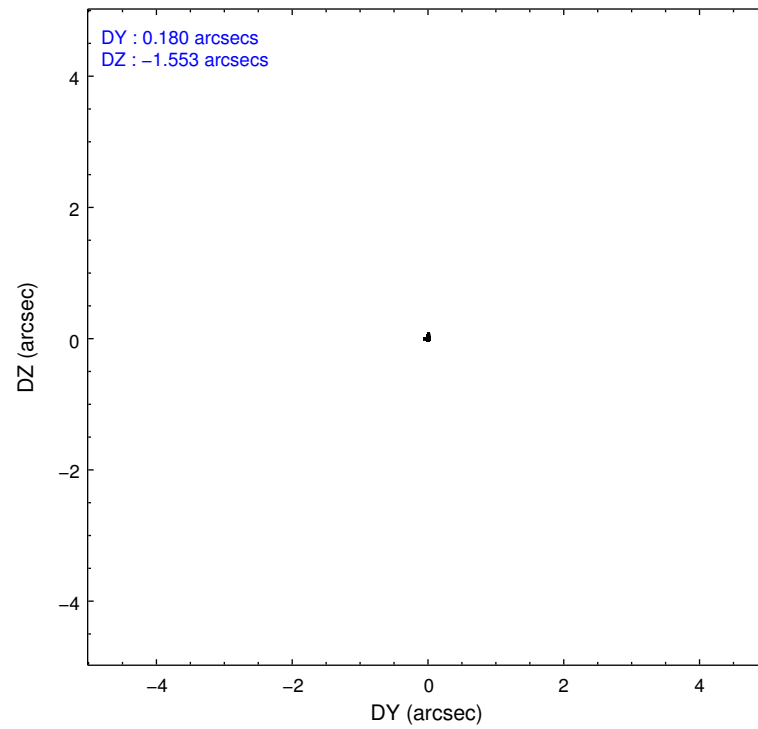
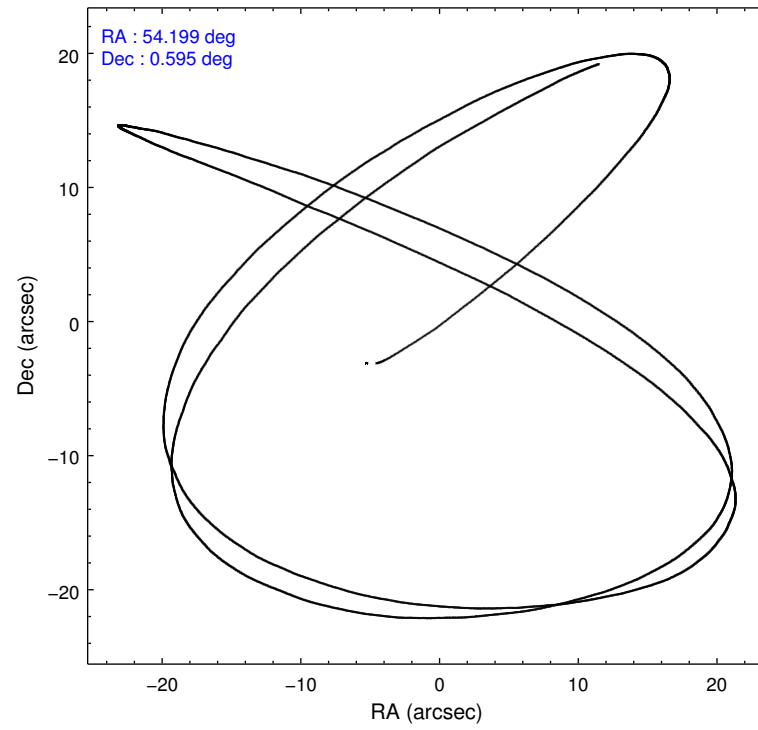
Level 1 Events

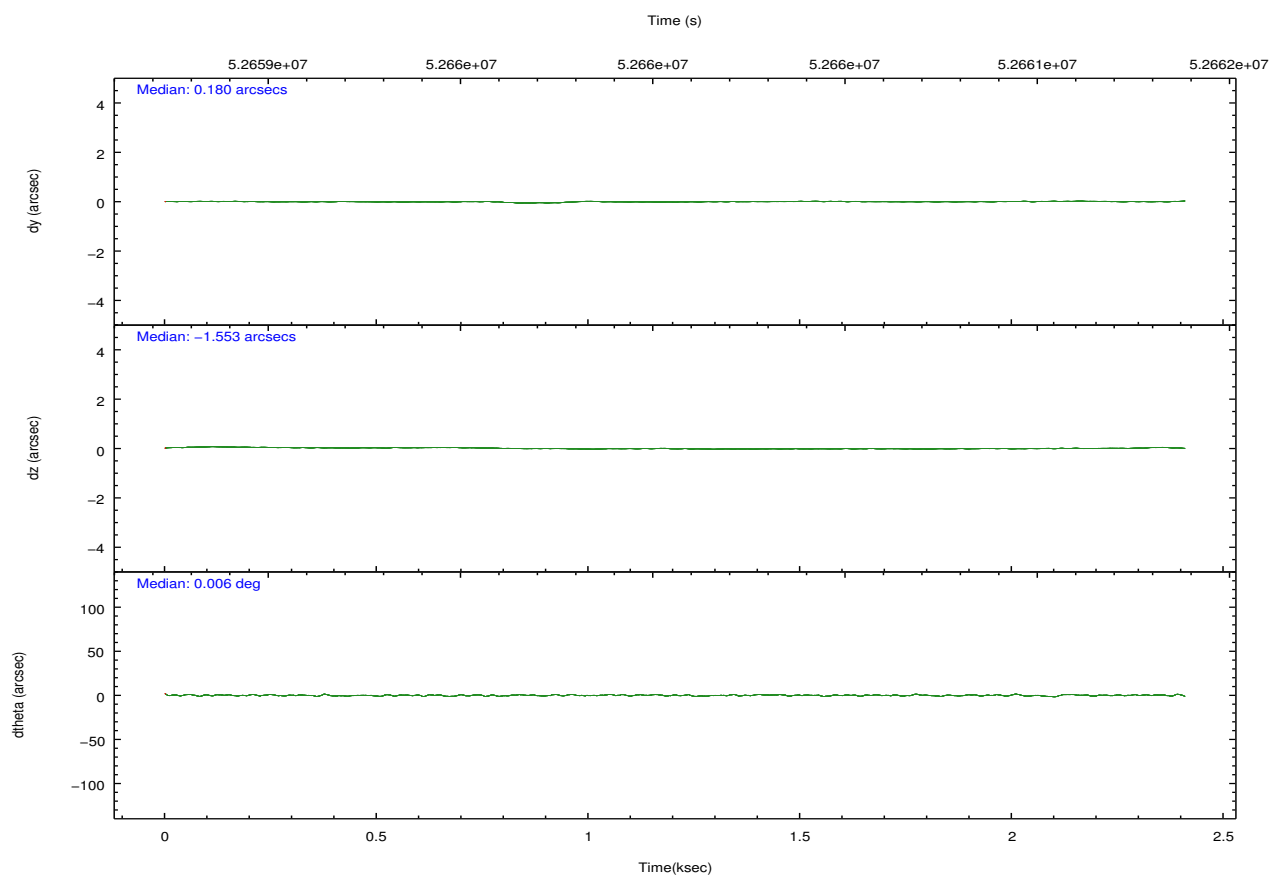
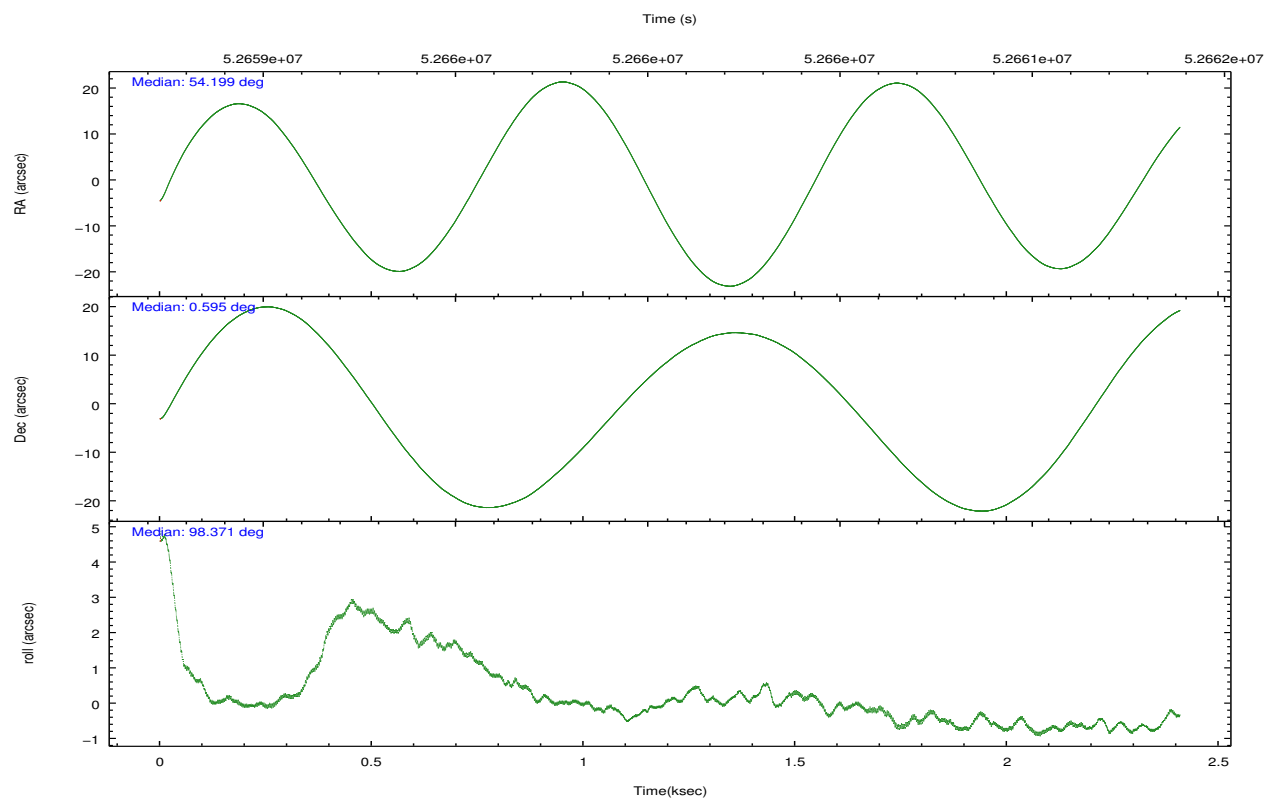
	segment 0
level 1 events	106073
rejected events	2857
rejected %	2%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	54.215430	54.19843273090309			
Pointing Dec	0.573163	0.5949049883608072			
Pointing Roll	98.476174	98.3808793065991			
SIM focus pos (mm)	-1.040293	-1.016036269358593			
SIM defocus (mm)	0	0.02425635130028114			
SIM translation stage pos (mm)	126.985494	126.9854943052878			
SIM translation stage offset (mm)	0	-5.413686238853188e-06			
Observation start time	52659264.184000	52658635.591905			
Observation start date	1999-09-02T11:33:20	1999-09-02T11:23:55			
Observation end time	52661264.184000	52662132.379531			
Observation end date	1999-09-02T12:06:40	1999-09-02T12:22:12			

2.3 Aspect



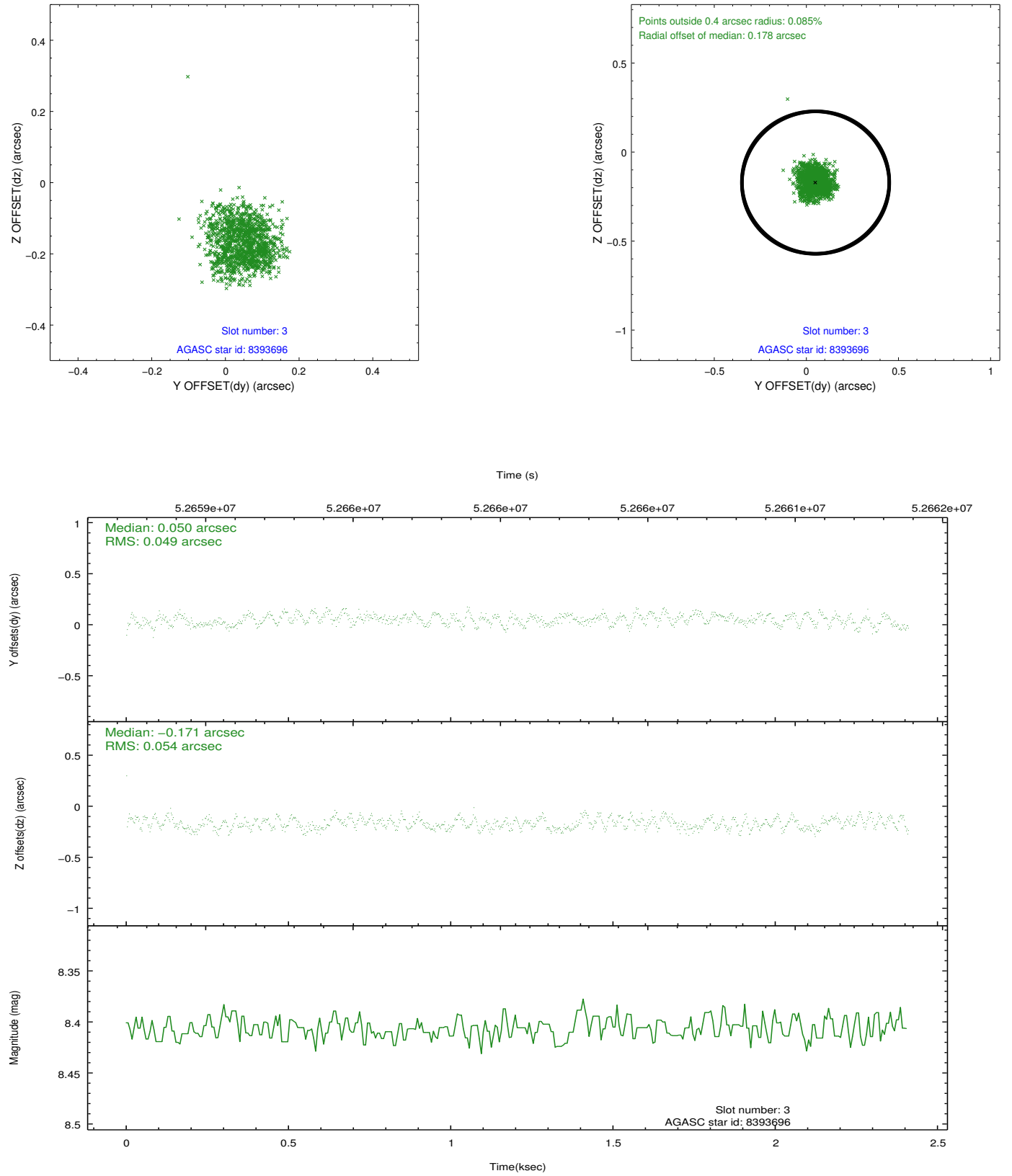


Slot Statistics

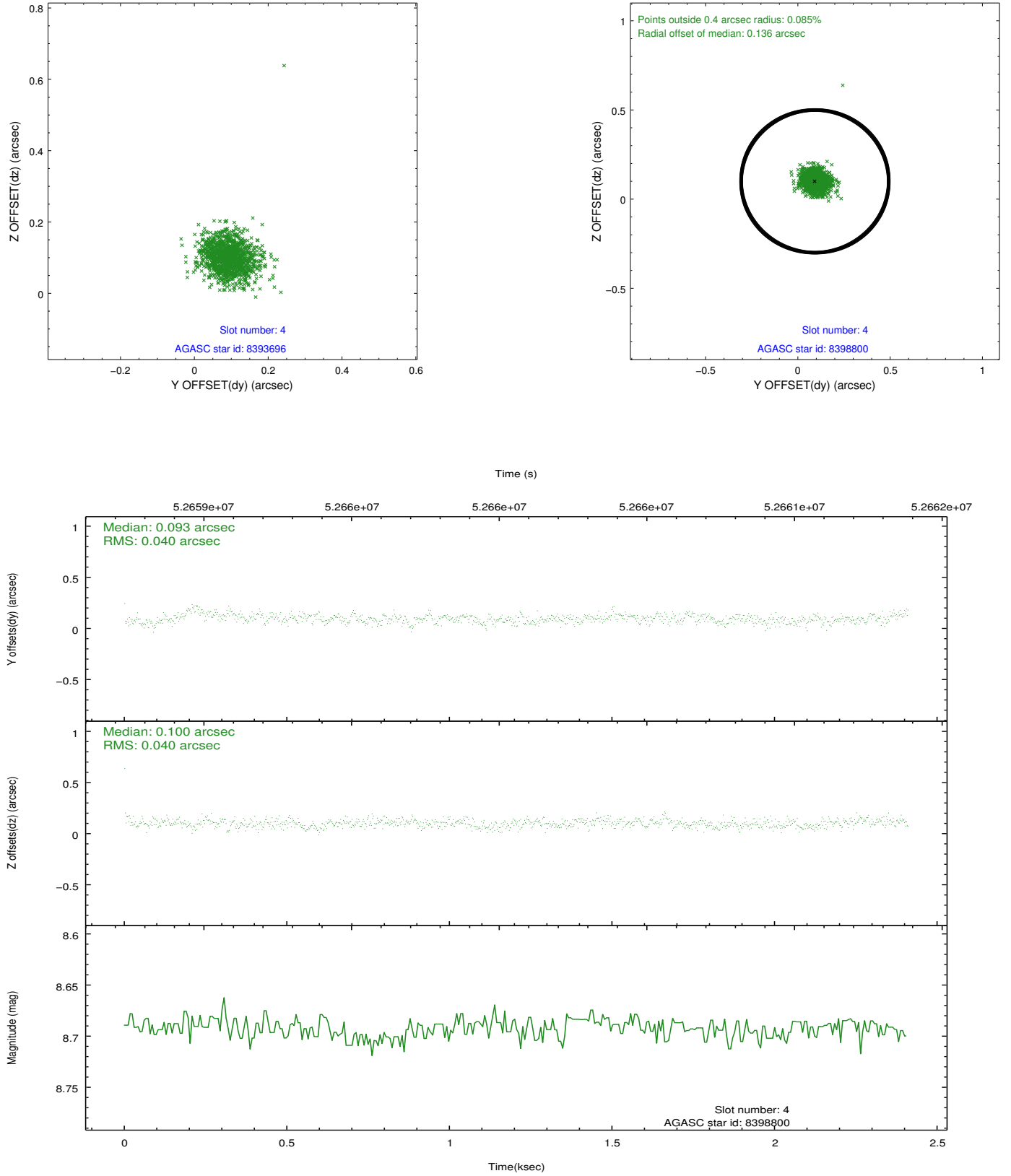
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	1176	0.017	-0.055	0.004	0.007	0.000000	0.000000	-755.51	-1286.20
1	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
2	FID	HRC-I-4	6.98	1176	0.057	-0.007	0.004	0.007	0.000000	0.000000	1286.59	1015.02
3	GUIDE	8393696	8.41	1176	0.050	-0.171	0.078	0.118	53.645666	0.680479	683.62	1972.11
4	GUIDE	8398800	8.69	1175	0.093	0.100	0.058	0.093	54.242352	0.922024	1227.93	-278.50
5	GUIDE	8390744	9.02	1176	-0.051	-0.107	0.072	0.116	53.677290	0.926294	1543.08	1728.97
6	GUIDE	8395104	8.66	1176	0.016	0.208	0.068	0.108	54.744893	0.796520	515.48	-2001.32
7	GUIDE	8399352	9.96	1174	-0.108	-0.025	0.128	0.206	53.946831	1.204693	2390.79	620.27

2.4 Star Slots

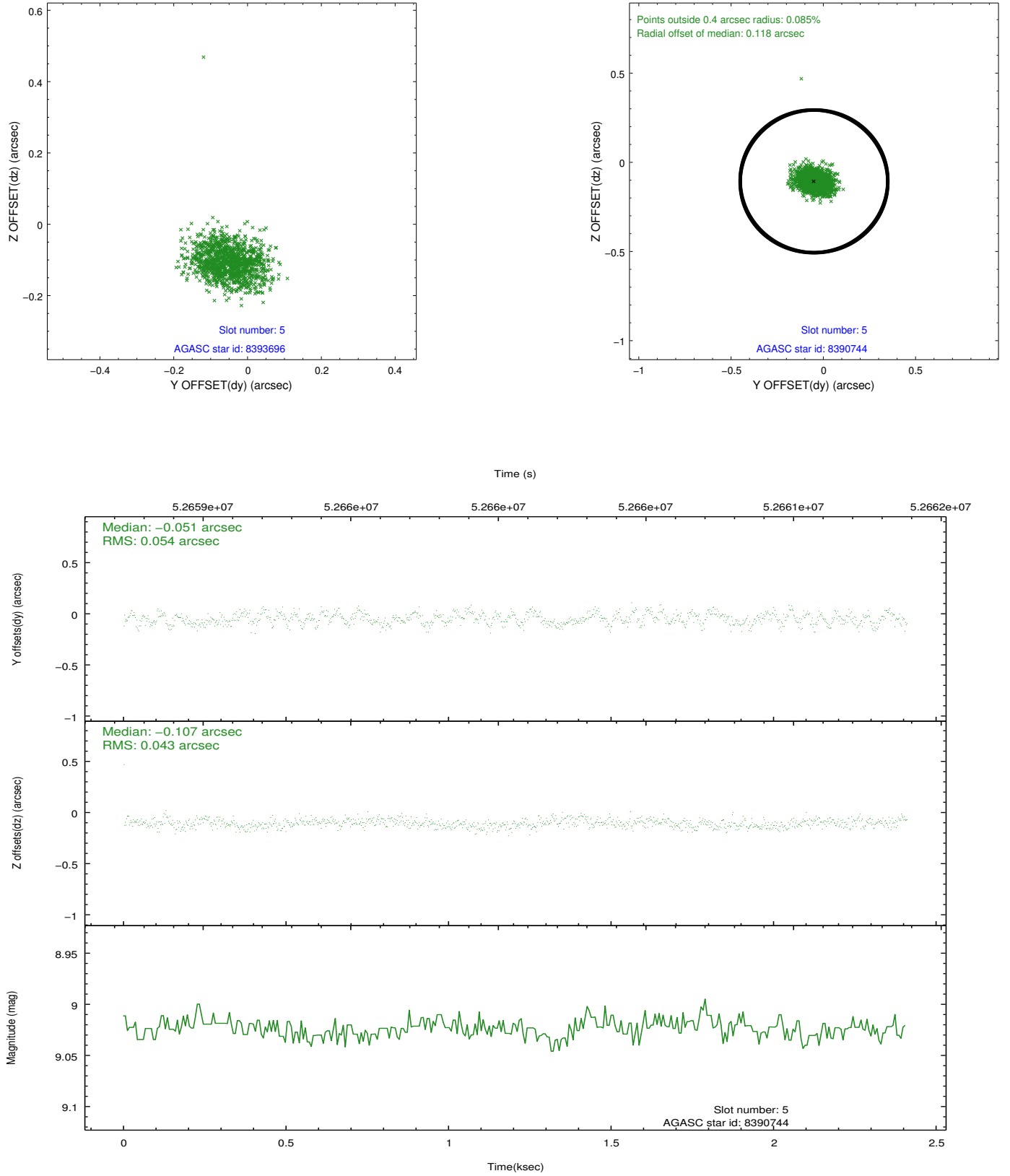
2.4.1 Slot 3



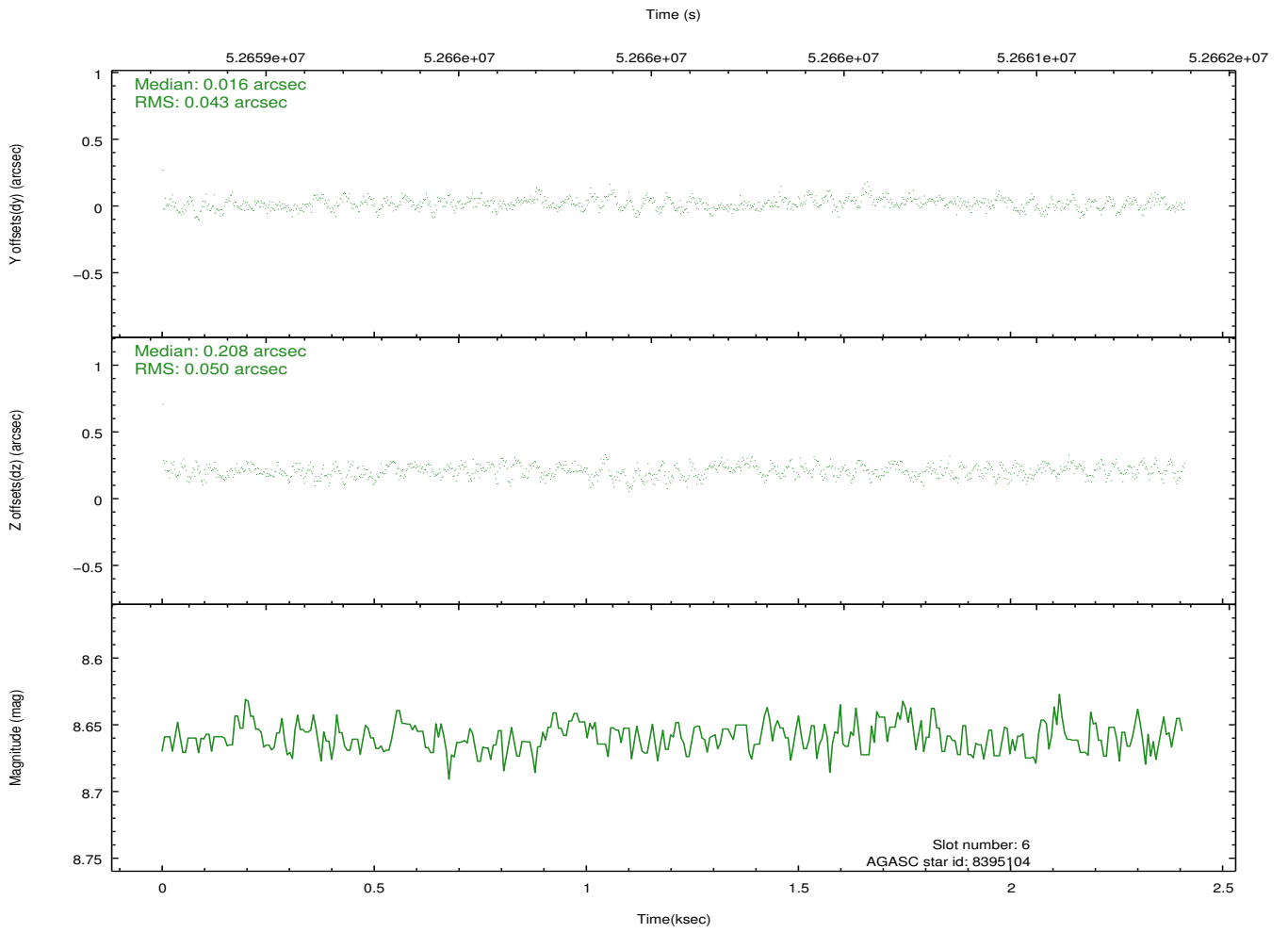
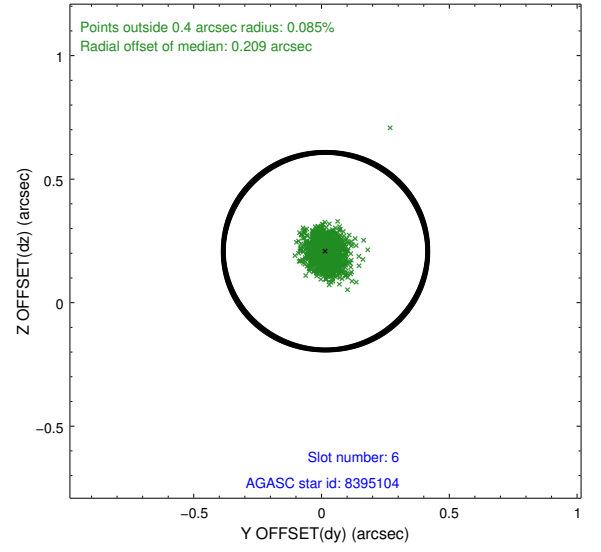
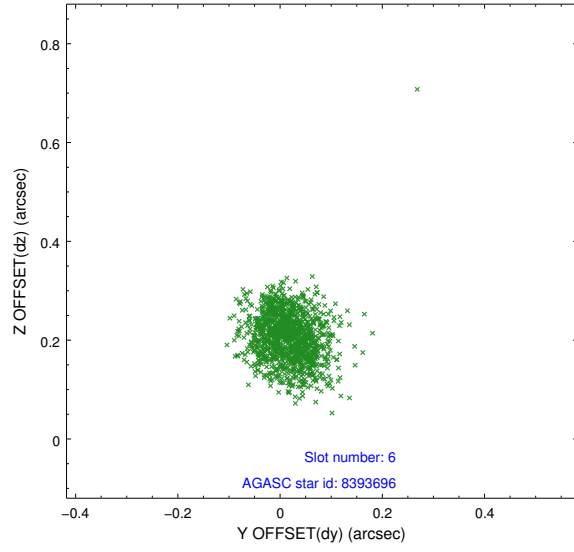
2.4.2 Slot 4



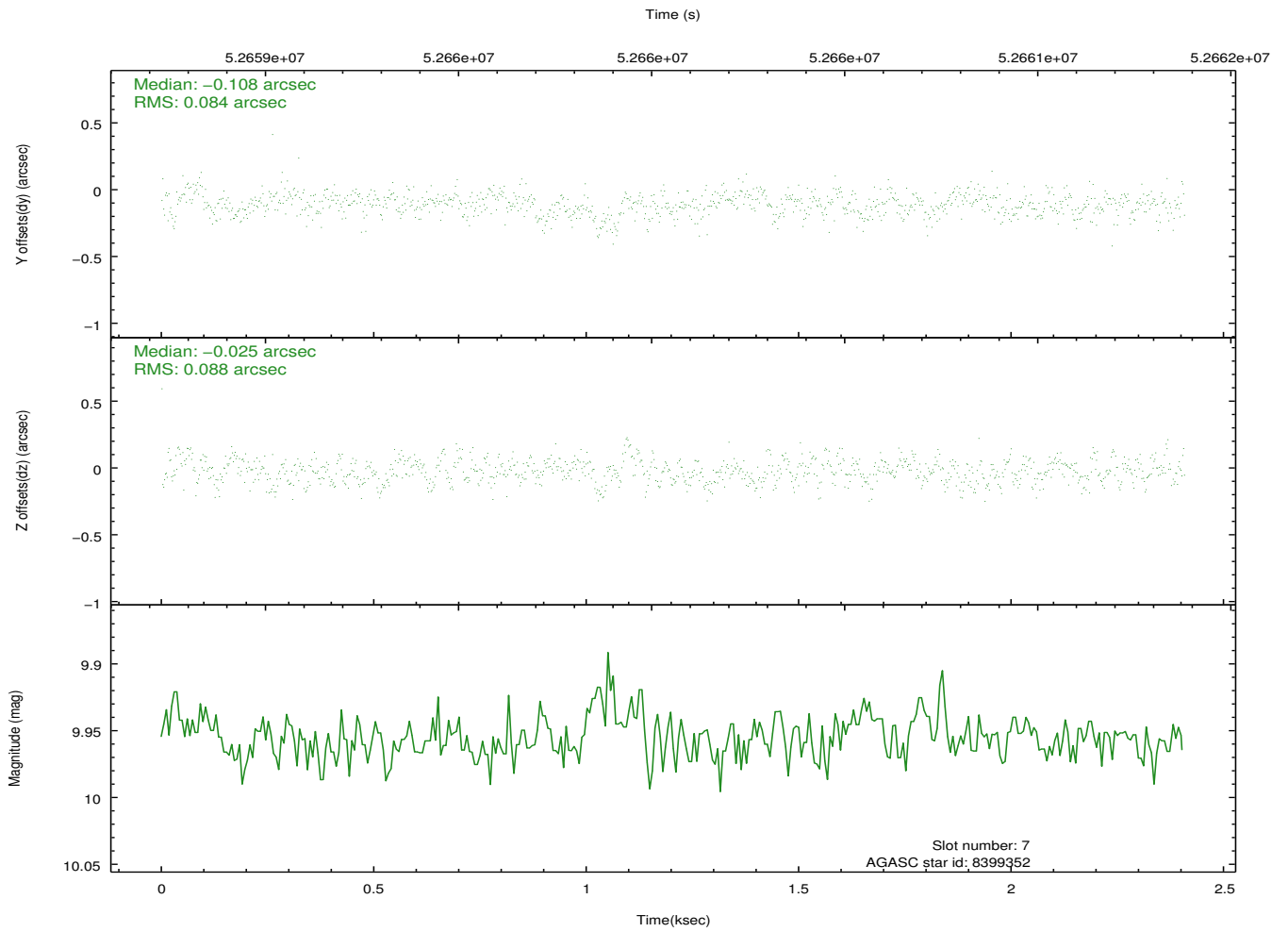
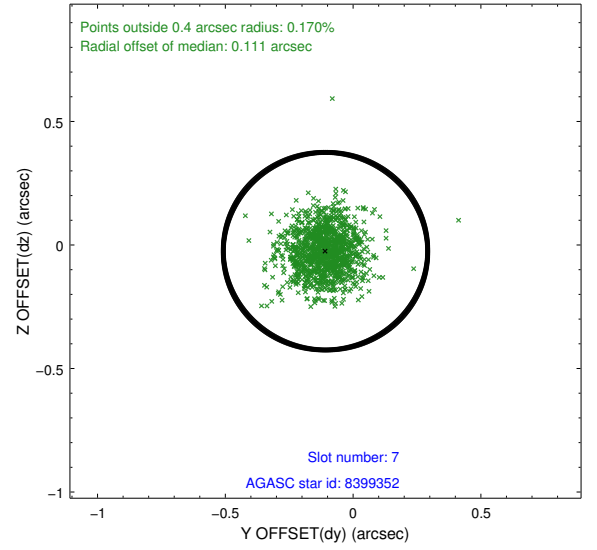
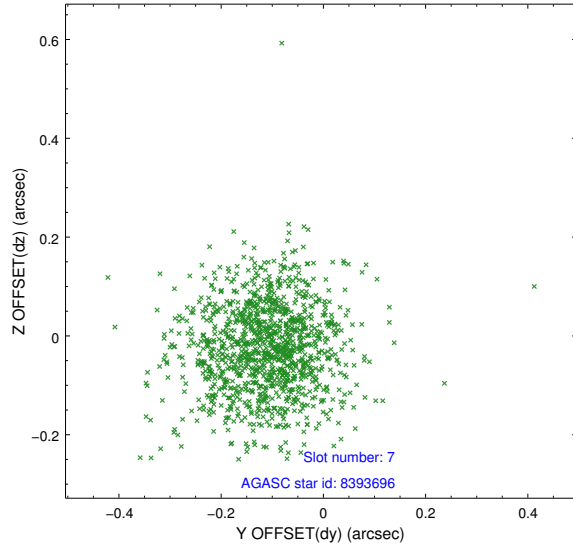
2.4.3 Slot 5



2.4.4 Slot 6

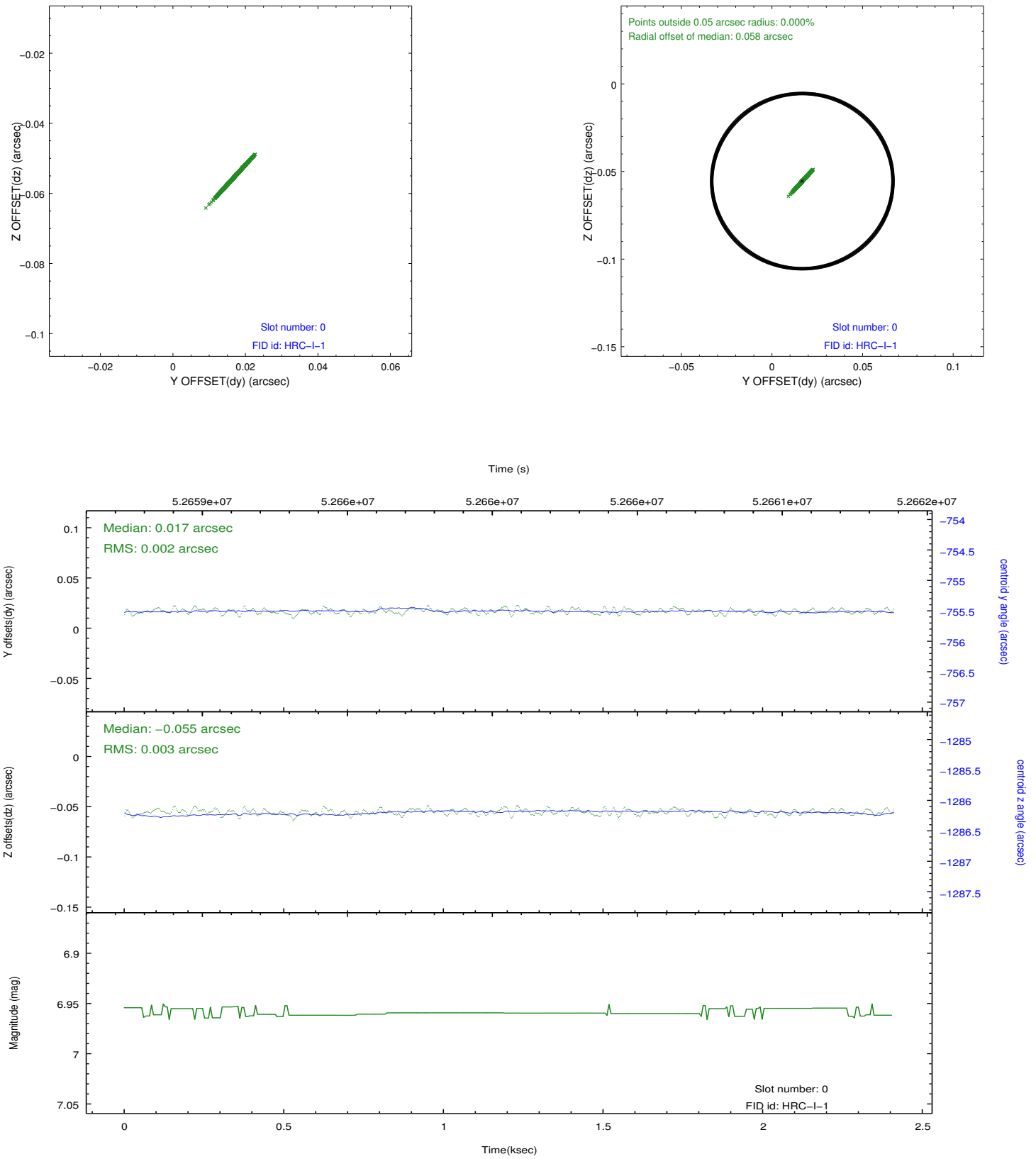


2.4.5 Slot 7

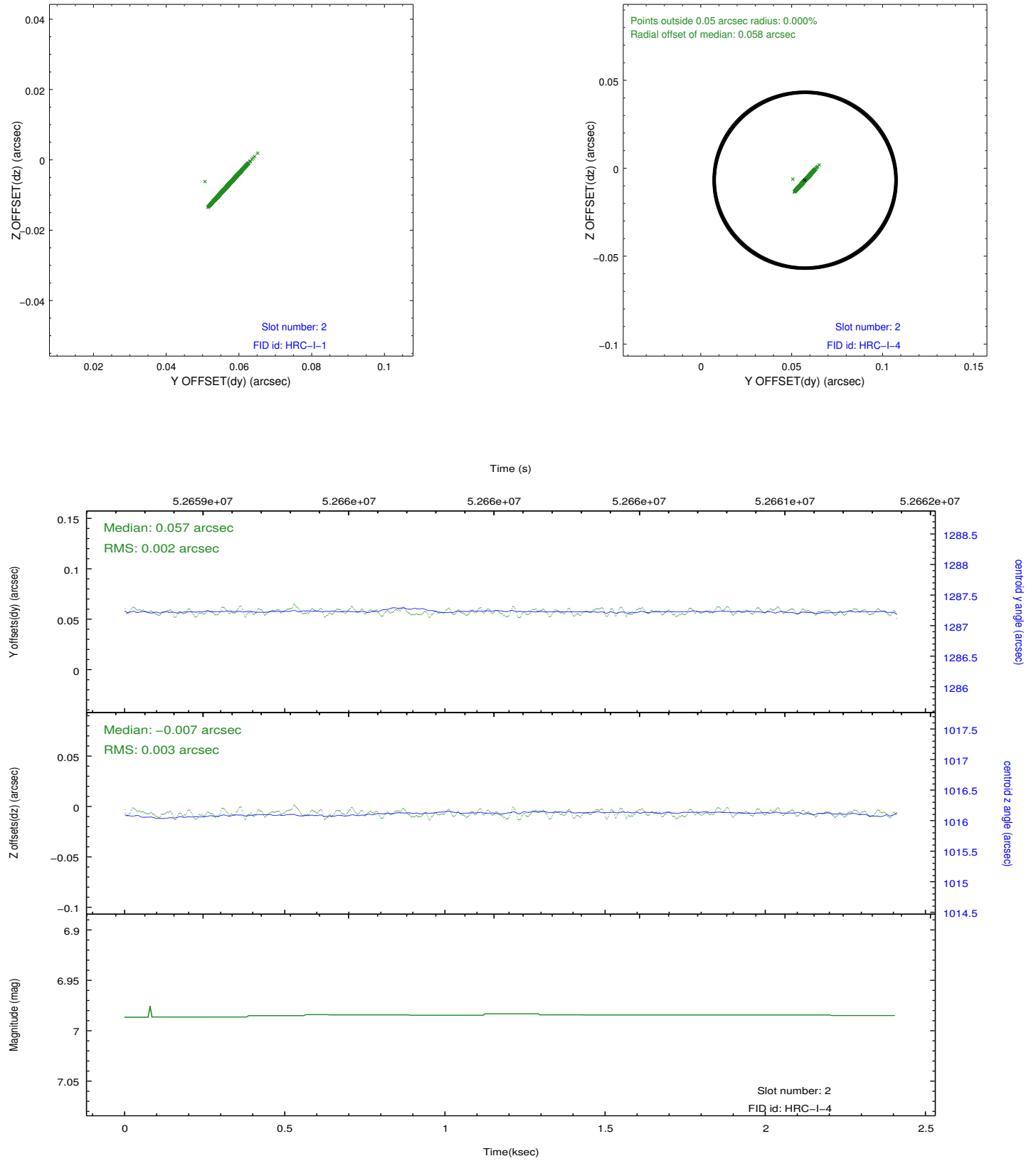


2.5 FID Slots

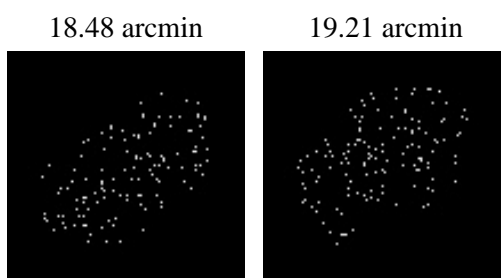
2.5.1 Slot 0



2.5.2 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.01.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.795

A.2 Comments

HRC focus plate series. Fid light in slot 1 was blocked by the HRC shutter.