

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10587 - L2 Version 3
Chandra X-Ray Center

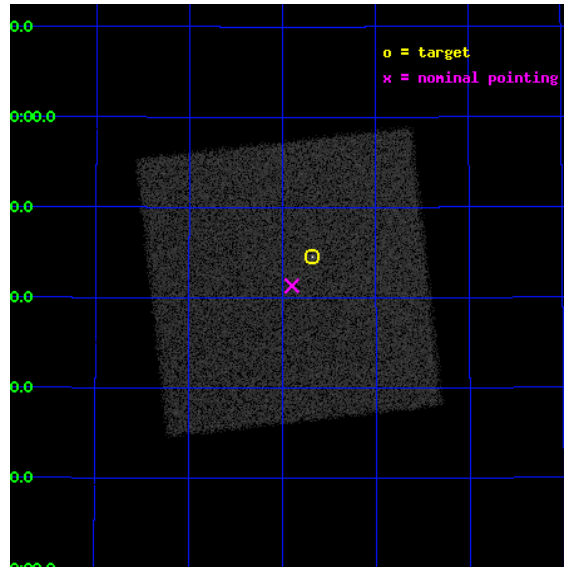
L2 Processing Date : Aug 13 2012

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1 Front

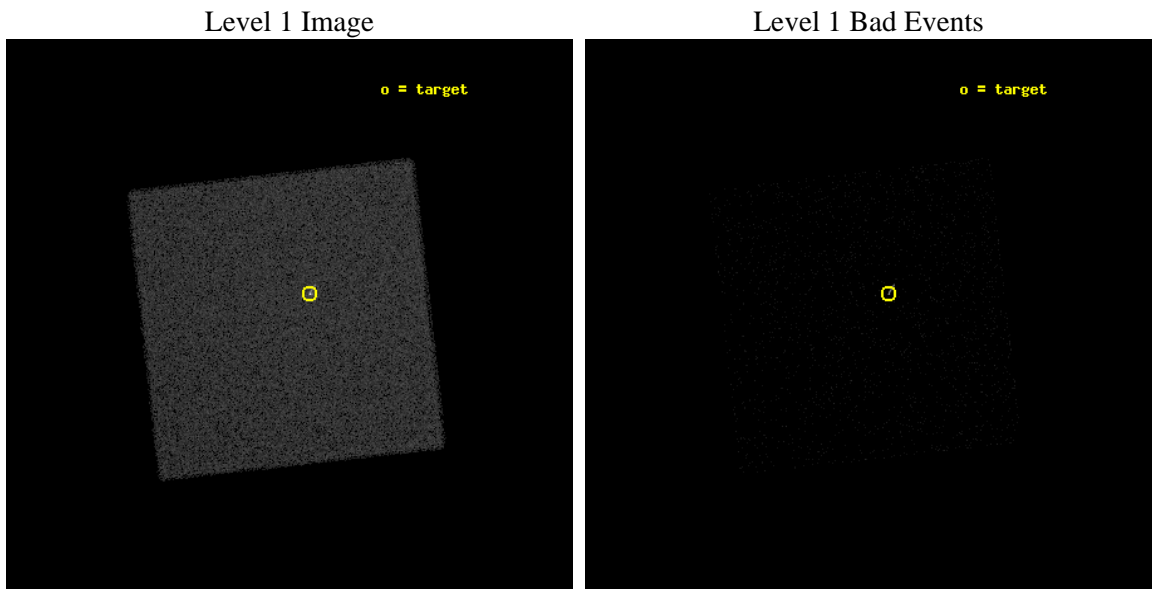
seq_num	290823	Sequence number
obs_id	10587	Observation id
title	AO-10 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.22471460928	Nominal RA [deg]
dec_nom	45.688959701189	Nominal Dec [deg]
roll_nom	218.56655873569	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1175.931309104	[s]
livetime	1161.1896765924	Ontime multiplied by DTCOR
l2events	93919	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1175.931309104	[s]
caldbver	4.5.1.1	 	l1events	172935	Number of level 1 events
date	2012-08-13T14:33:15	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

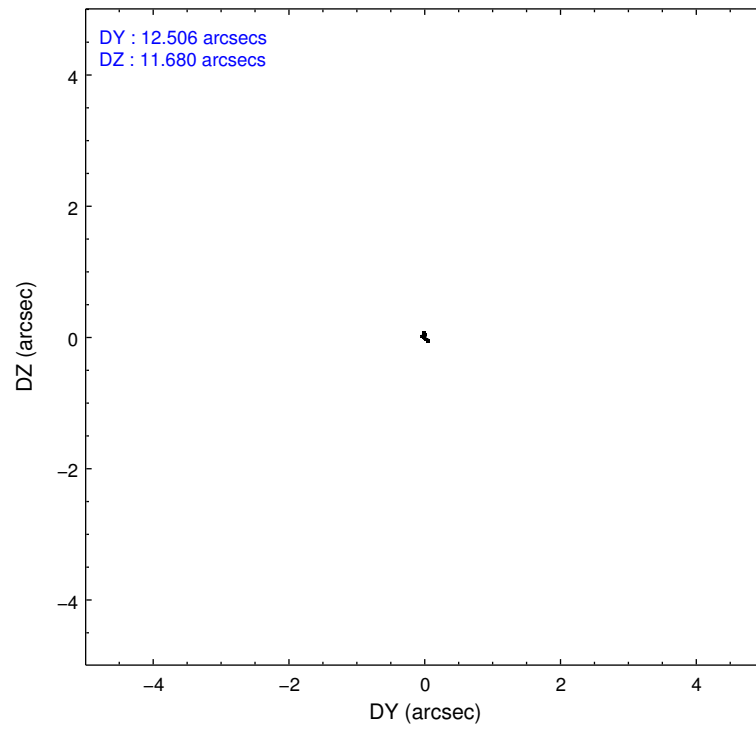
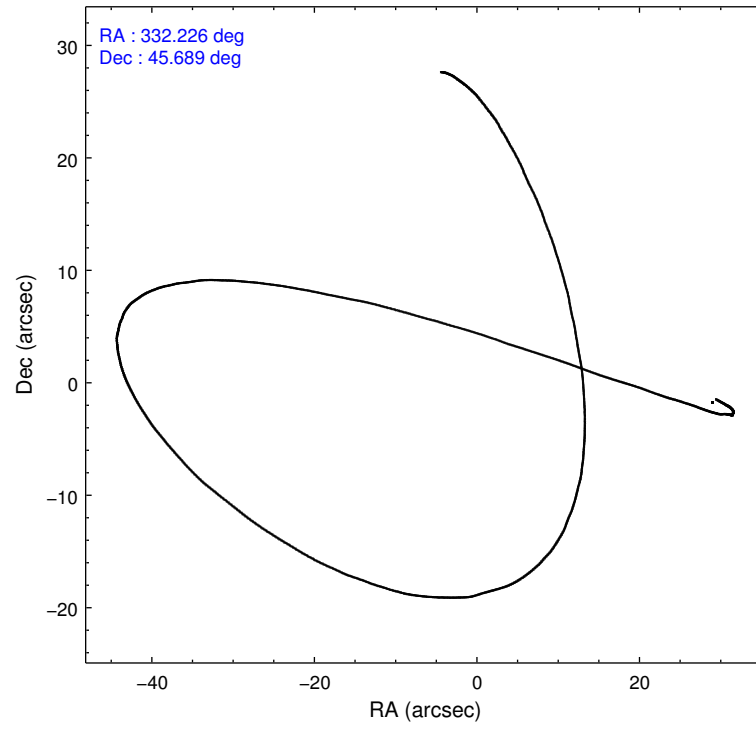
	segment 0
level 1 events	172935
rejected events	38312
rejected %	22%

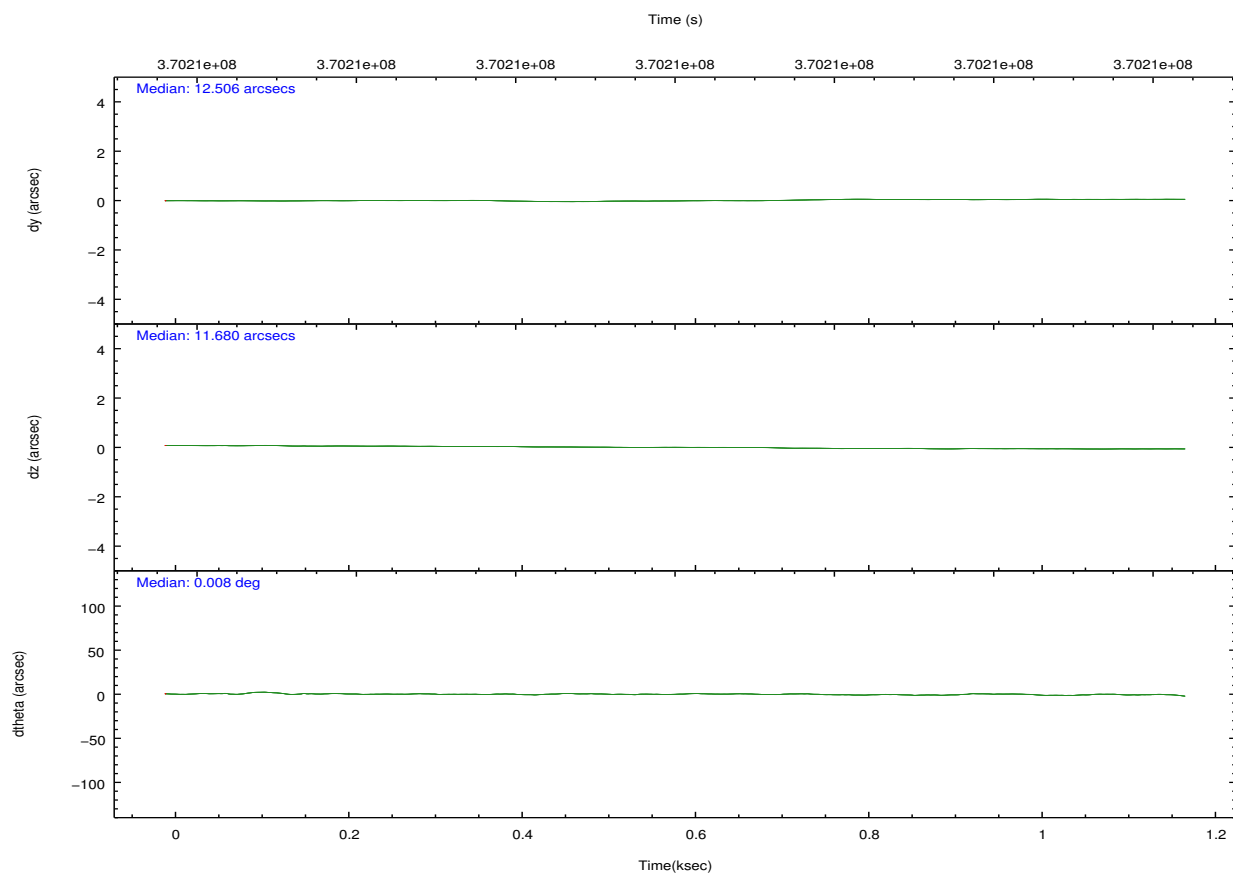
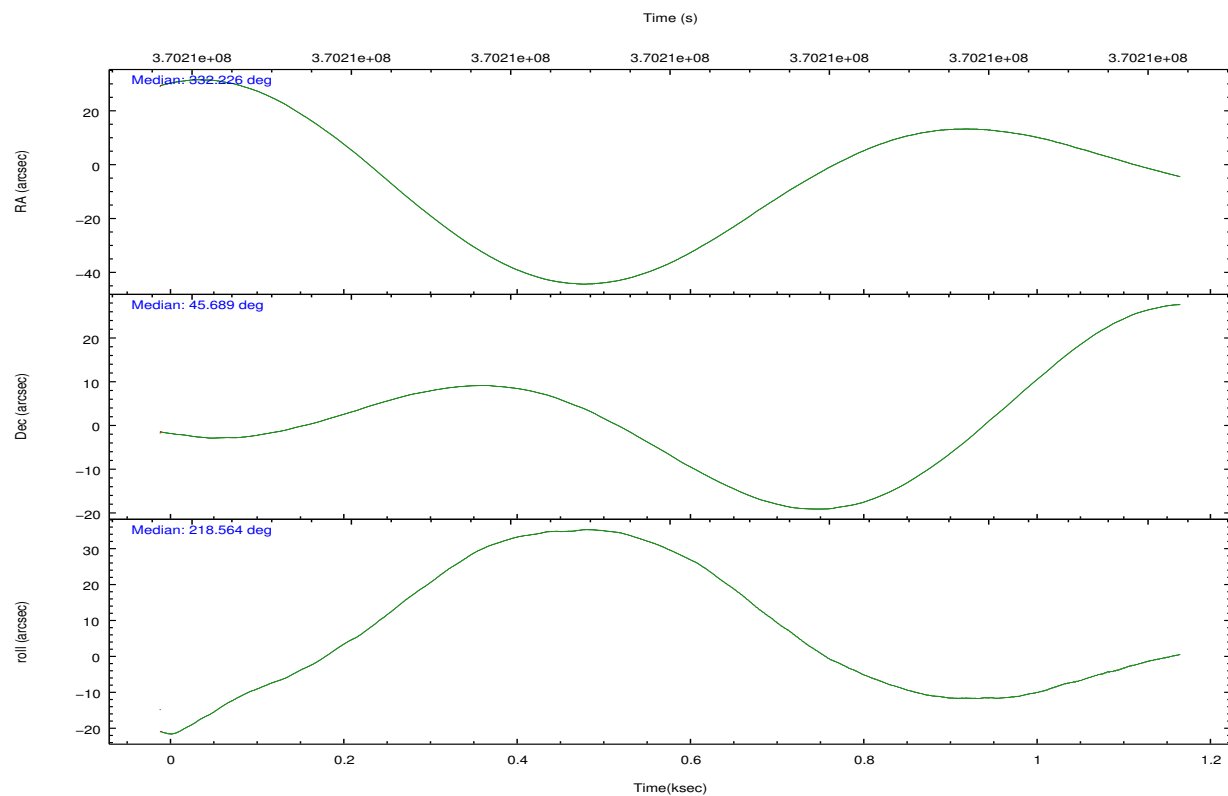
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.237273	332.2247146092789
[deg] Pointing Dec	45.714575	45.68895970118896
[deg] Pointing Roll	218.653022	218.566558735695
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9804656746847
[mm] SIM translation stage offset	0	0.005023216916882234
[s] Observation start time (MET)	370212389.184000	370212013.37179
Observation start date	2009-09-24T20:45:23	2009-09-24T20:40:13
[s] Observation end time (MET)	370213389.184000	370213523.19686
Observation end date	2009-09-24T21:02:03	2009-09-24T21:05:23

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



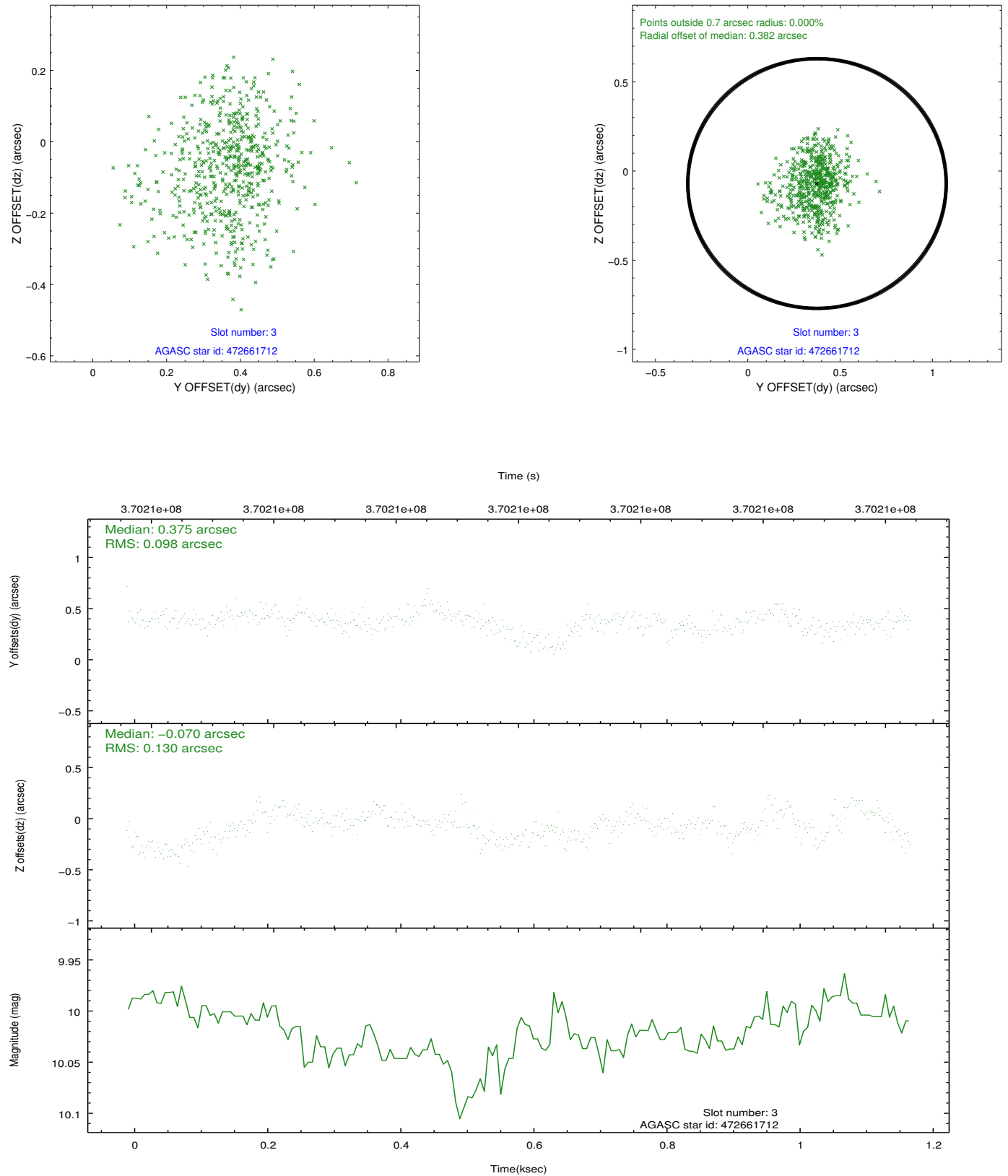


Slot Statistics

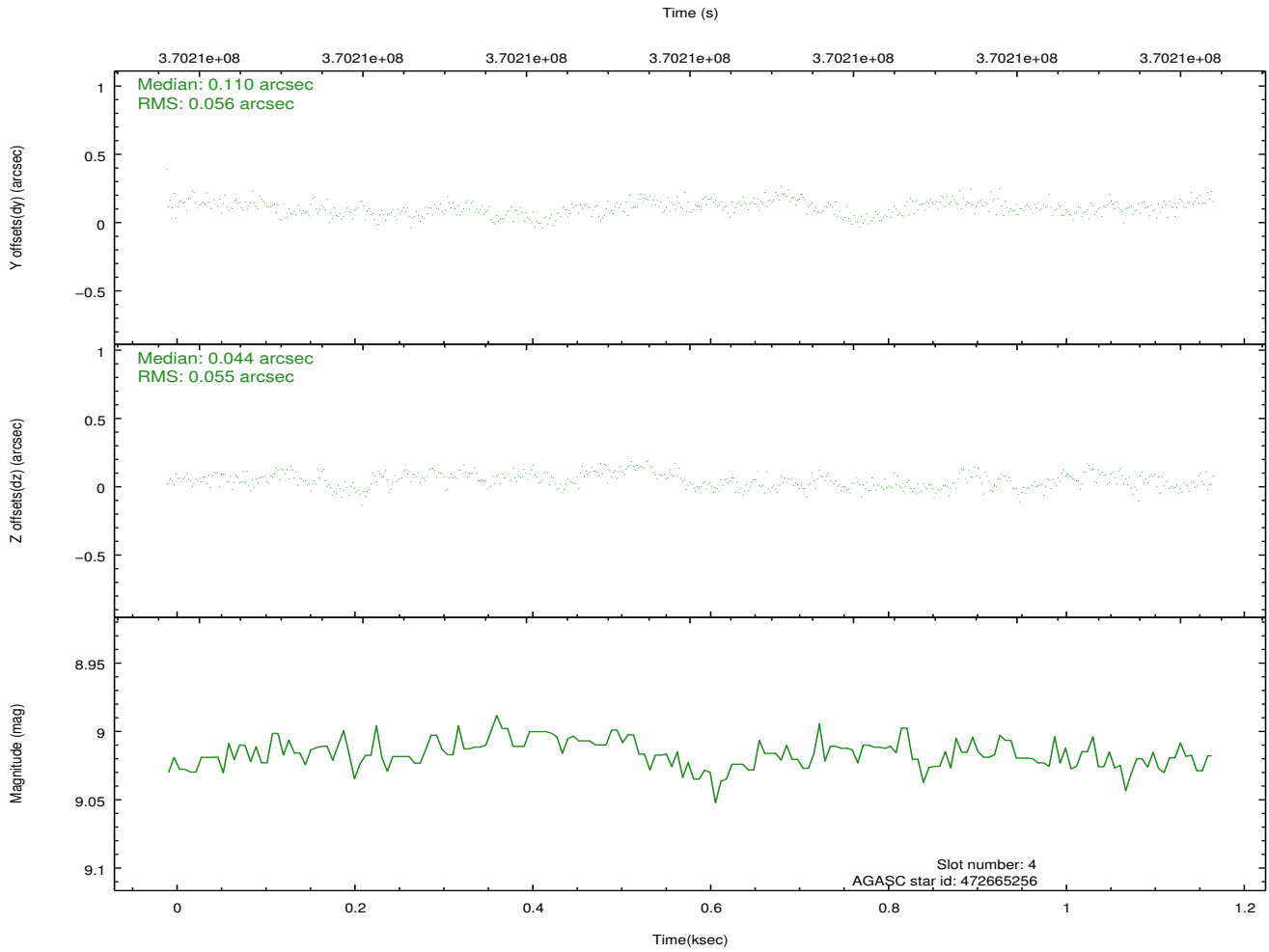
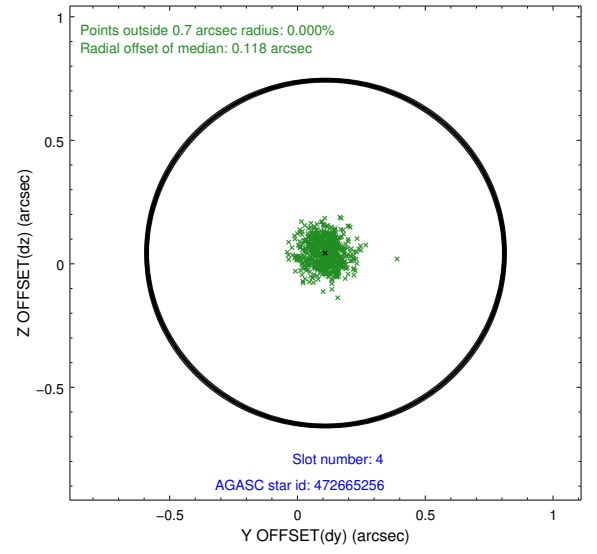
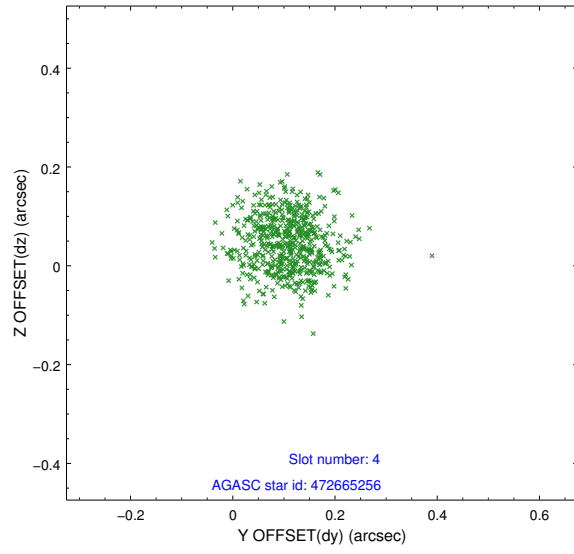
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	288	-0.059	0.012	0.007	0.013	0.000000	0.000000	-768.31	-1299.60
1	FID	HRC-I-2	7.01	288	0.212	-0.121	0.006	0.014	0.000000	0.000000	841.93	-1305.81
2	FID	HRC-I-3	7.07	287	-0.033	0.021	0.007	0.012	0.000000	0.000000	-1193.84	1000.42
3	GUIDE	472661712	10.02	575	0.375	-0.070	0.175	0.284	331.914954	46.059715	-146.12	-1475.76
4	GUIDE	472665256	9.02	575	0.110	0.044	0.084	0.134	332.808125	46.195041	-2192.81	-469.98
5	GUIDE	472525528	6.65	575	-0.336	-0.108	0.081	0.135	331.551102	45.248694	2398.70	215.66
6	GUIDE	472654568	9.41	568	-0.024	-0.018	0.134	0.216	332.194449	45.063576	1554.79	1761.39
7	GUIDE	472659832	9.46	574	-0.107	0.170	0.132	0.194	332.780399	46.098139	-1919.81	-233.11

2.4 Star Slots

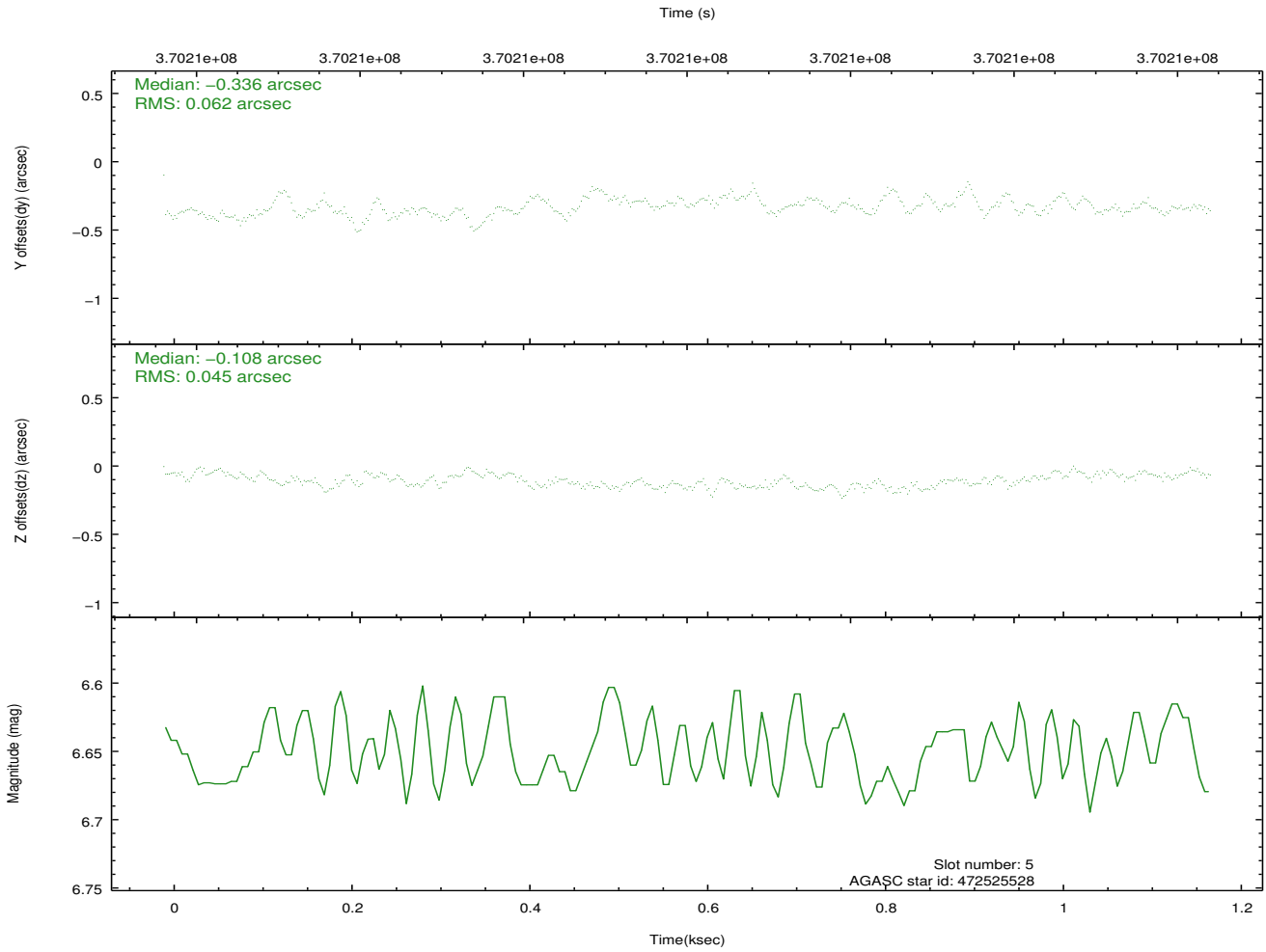
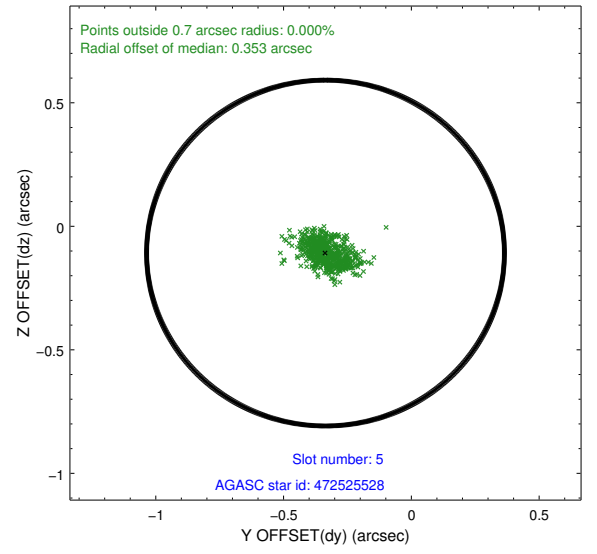
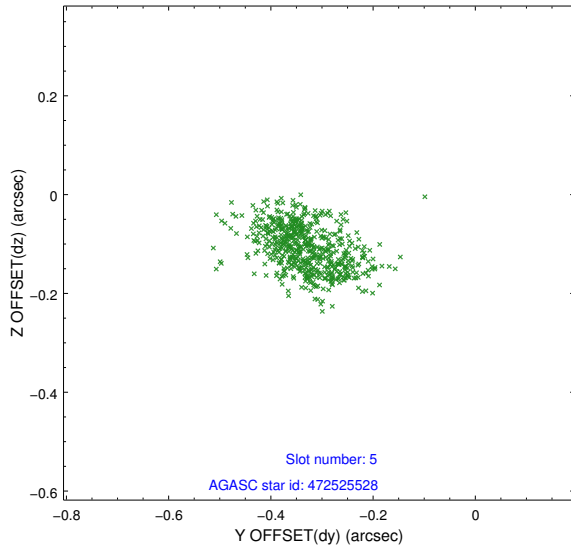
2.4.1 Slot 3



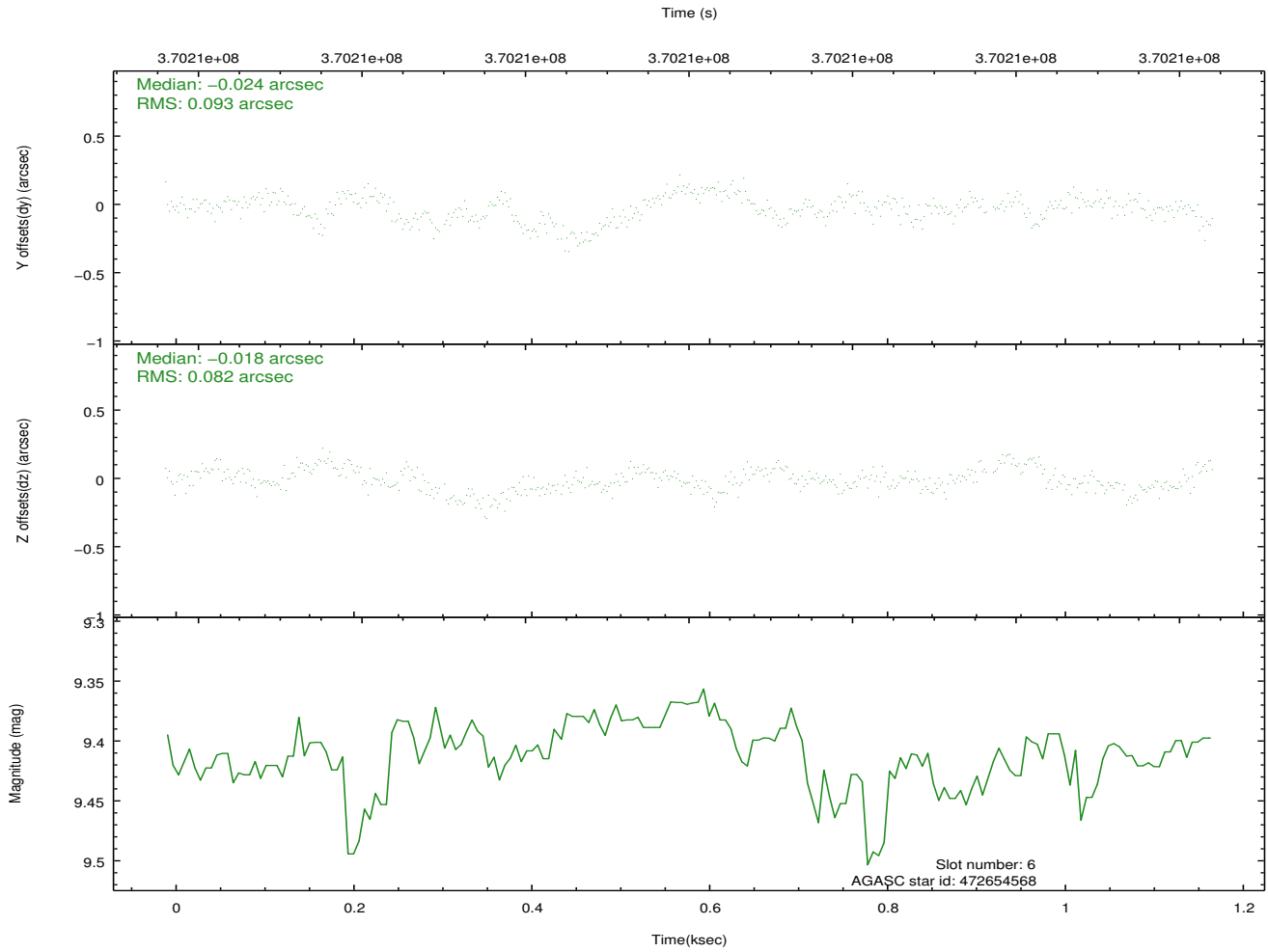
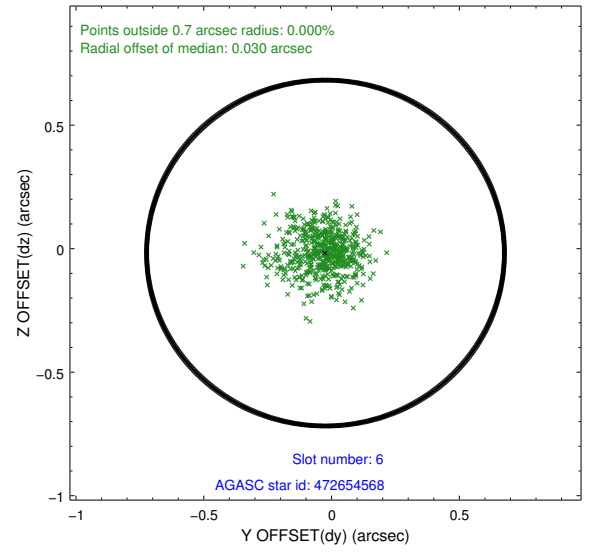
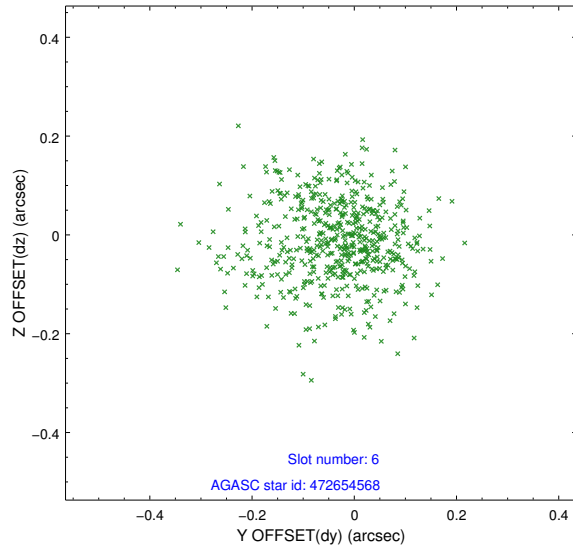
2.4.2 Slot 4



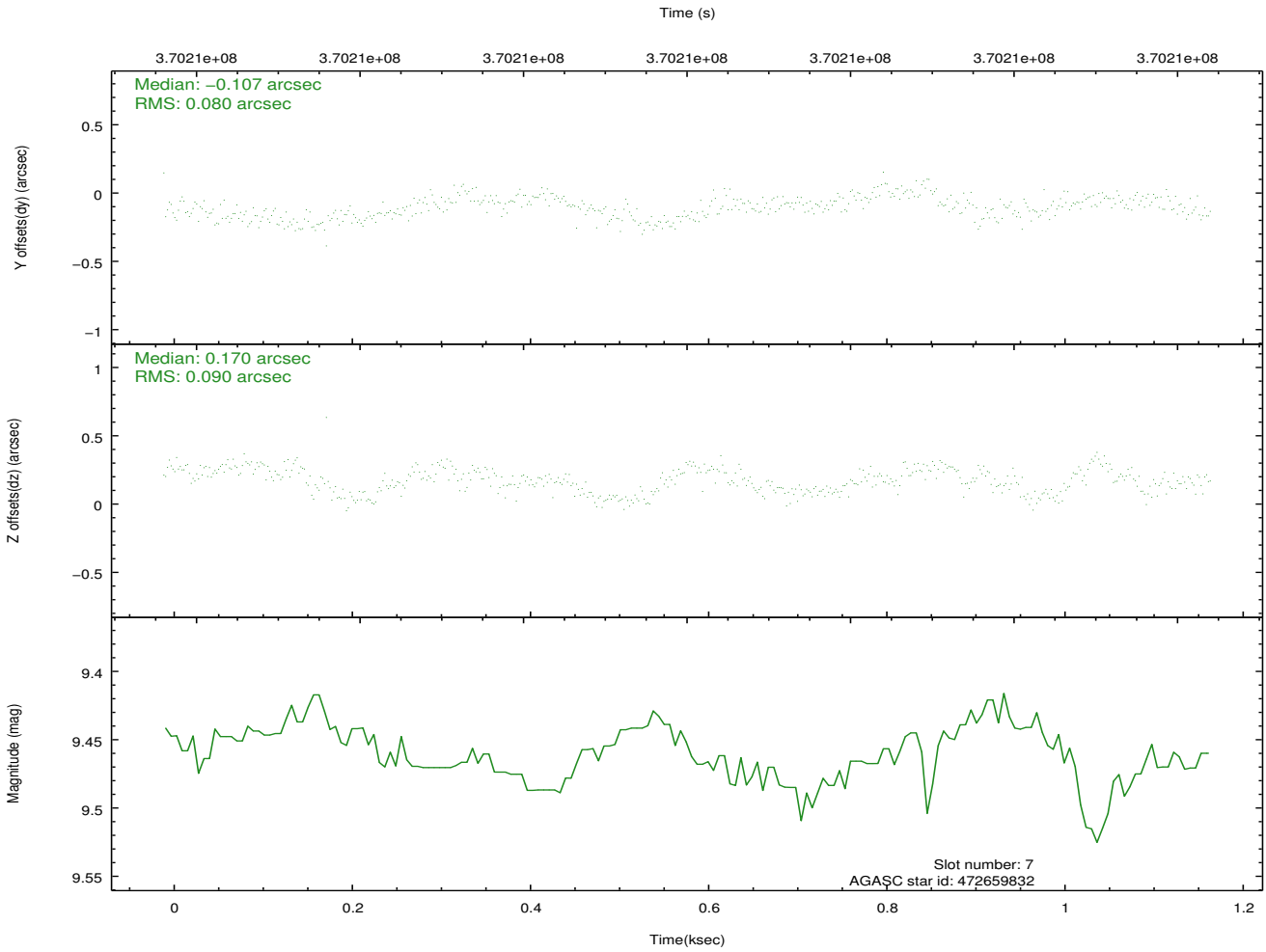
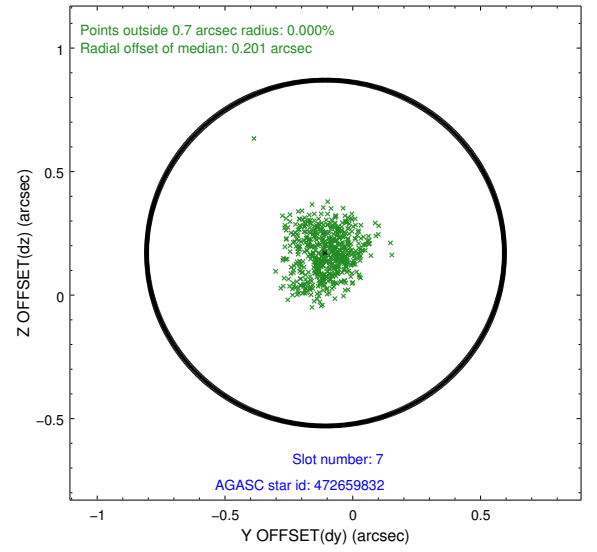
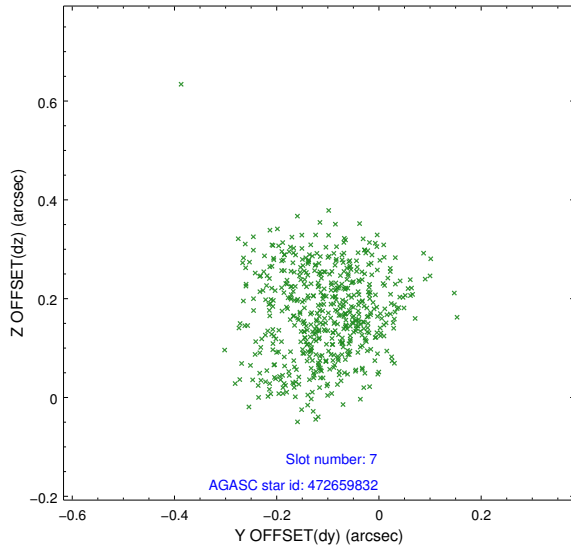
2.4.3 Slot 5



2.4.4 Slot 6

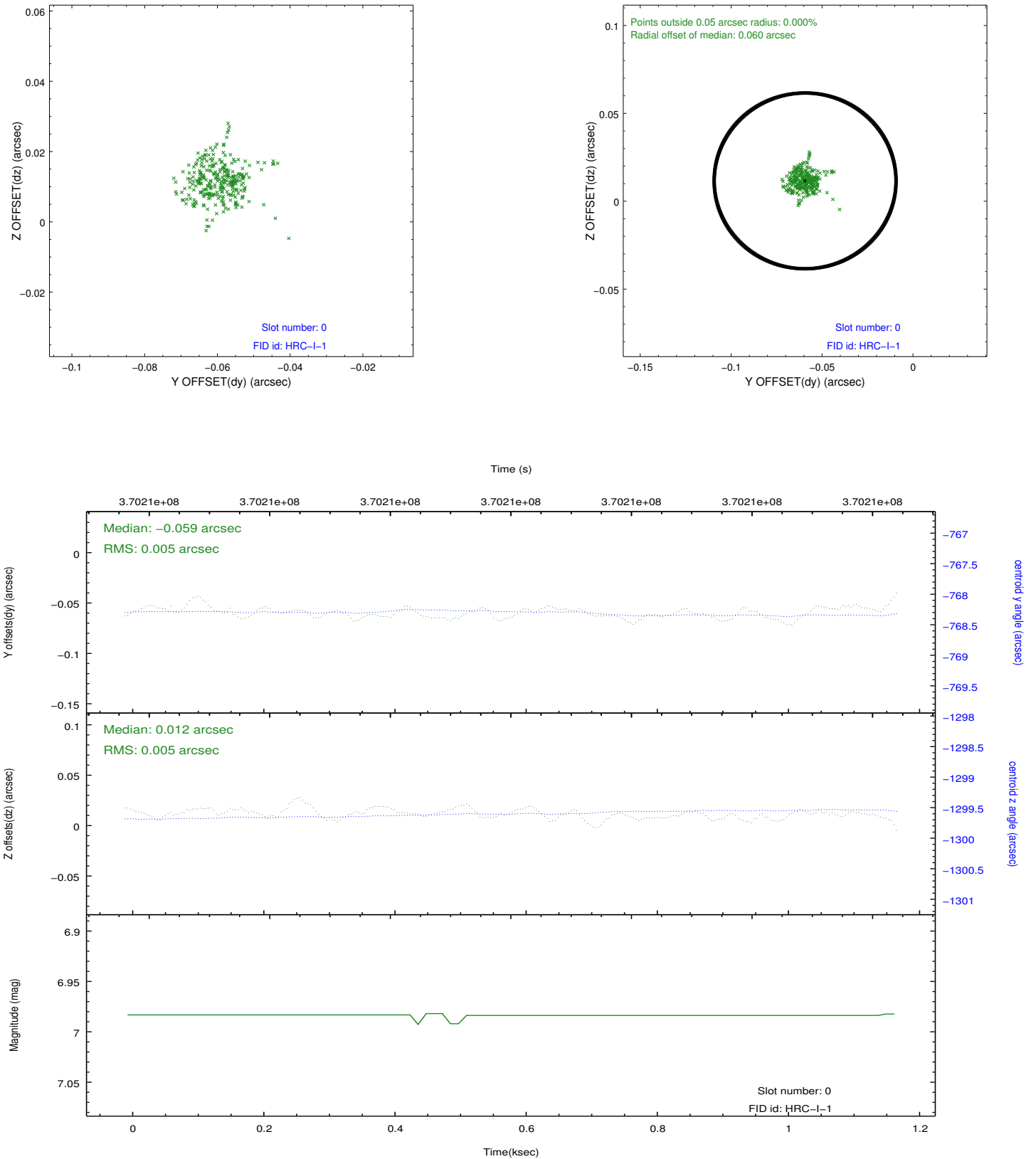


2.4.5 Slot 7

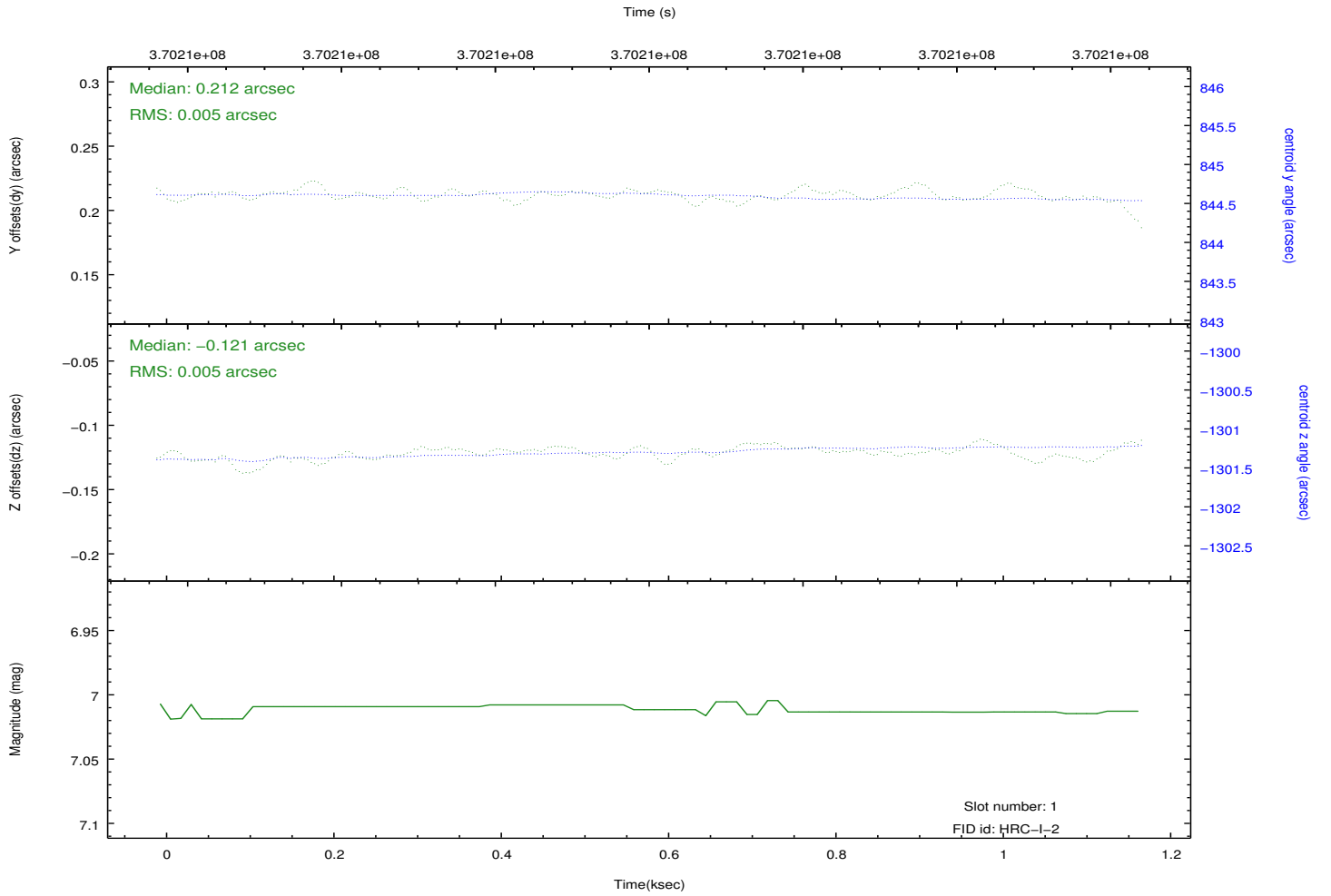
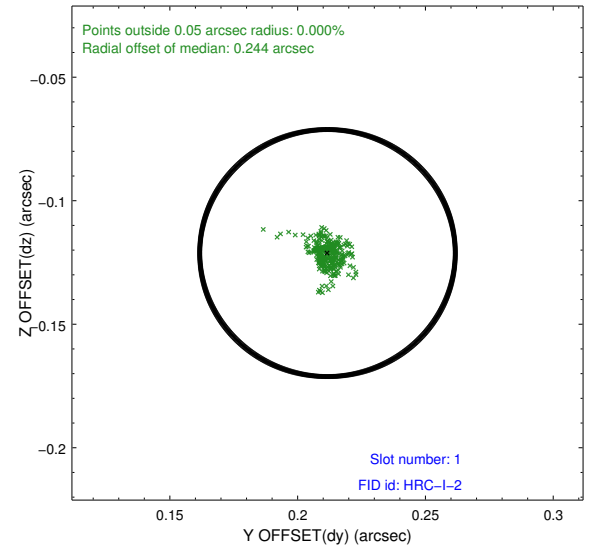
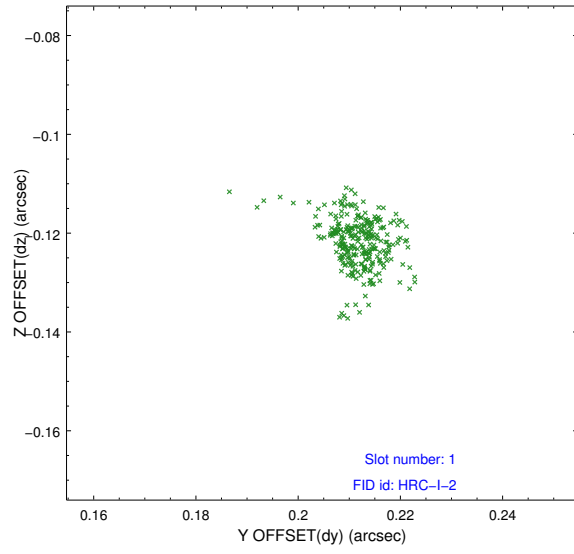


2.5 FID Slots

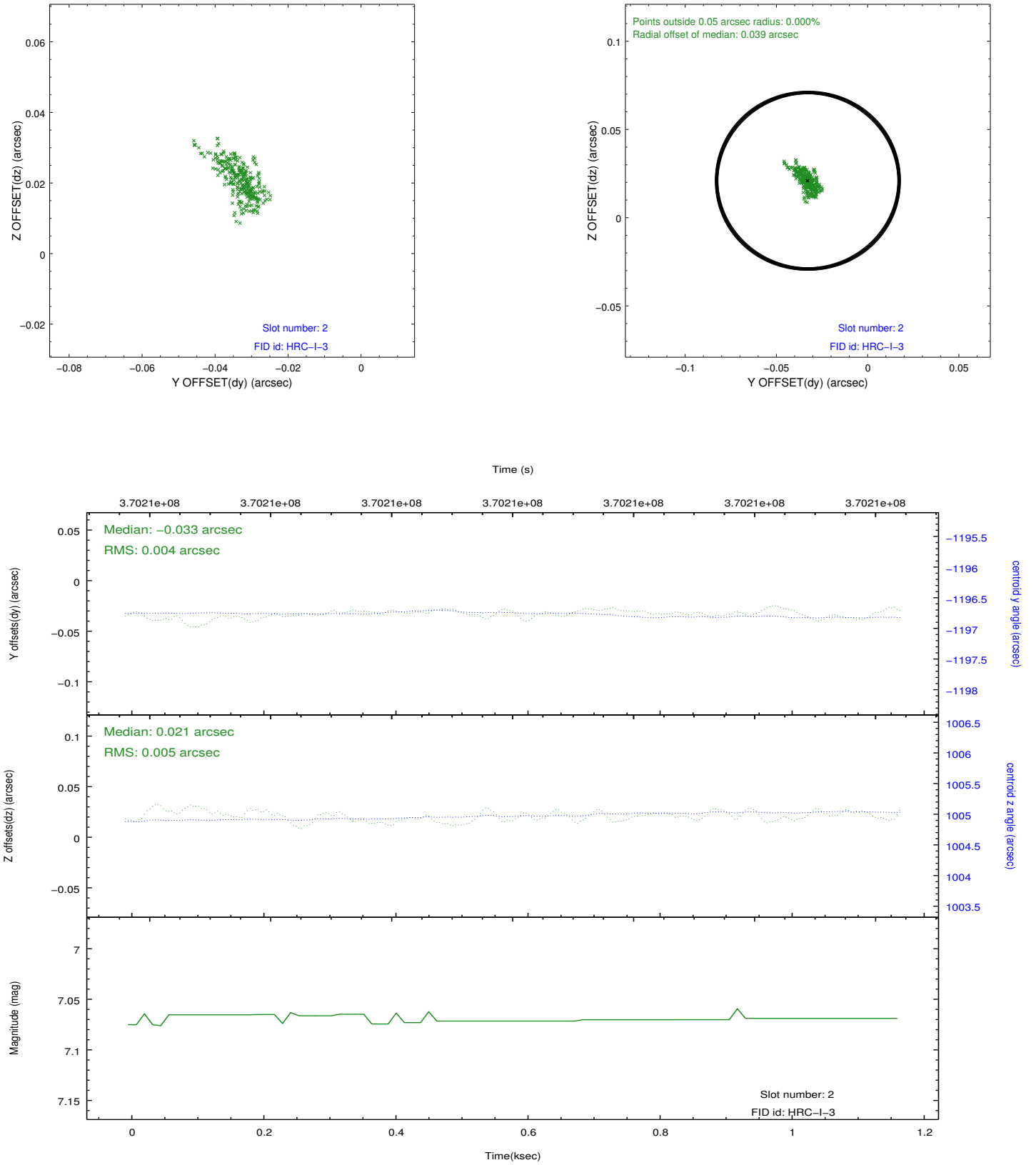
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.08.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1759313089252

A.2 Comments