

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 5988 - L2 Version 4
Chandra X-Ray Center

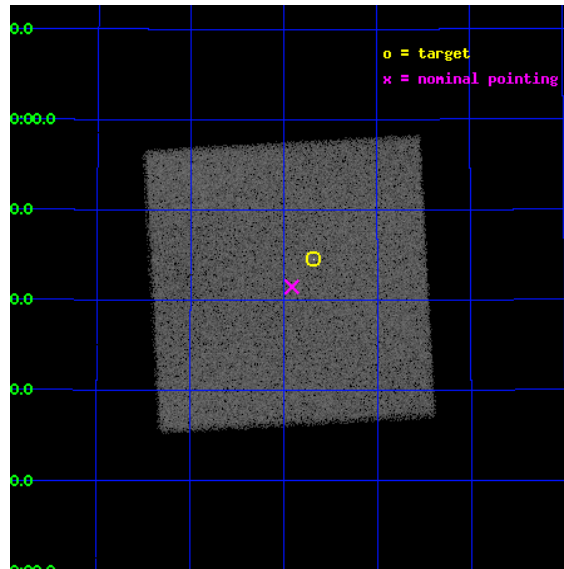
L2 Processing Date : Dec 29 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

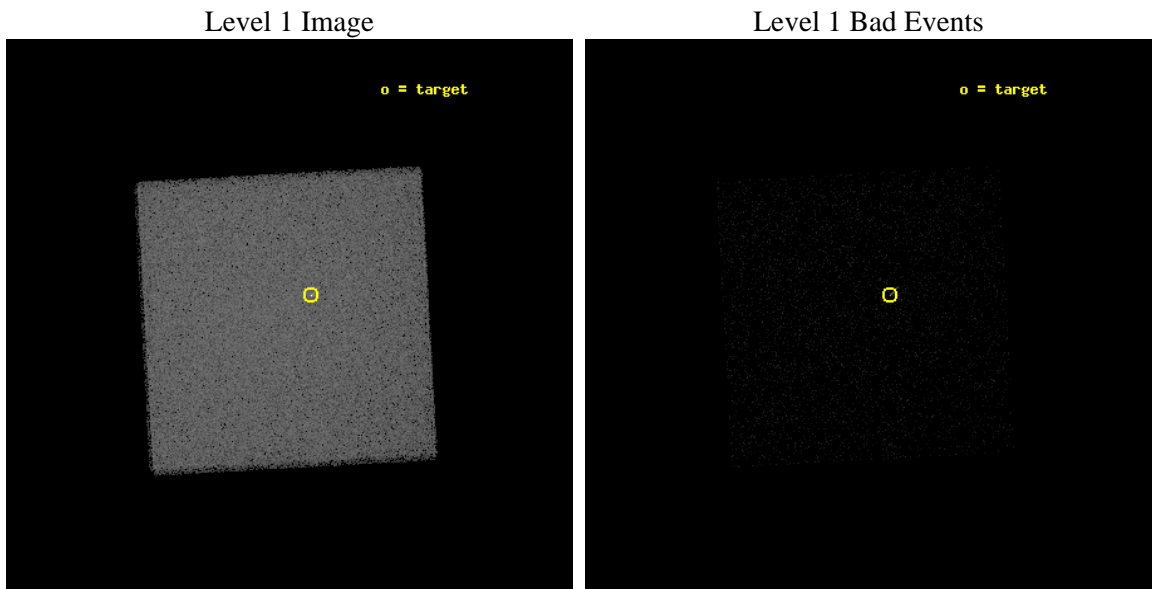
seq_num	290480	Sequence number
obs_id	5988	Observation id
title	AO6 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.22838995251	Nominal RA [deg]
dec_nom	45.691739238681	Nominal Dec [deg]
roll_nom	221.82805248402	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1177.9813041985	[s]
livetime	286.52793254398	Ontime multiplied by DTCOR
l2events	169184	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	8.5.1.1	Processing system revision	ontime	1177.9813041985	[s]
caldbver	4.5.5	 	l1events	278208	Number of level 1 events
date	2012-12-29T12:59:21	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

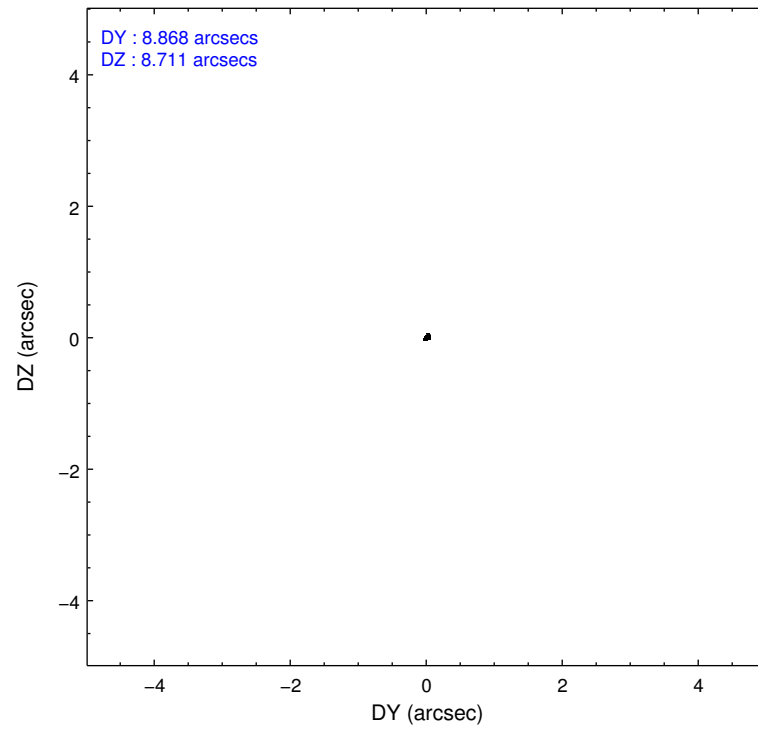
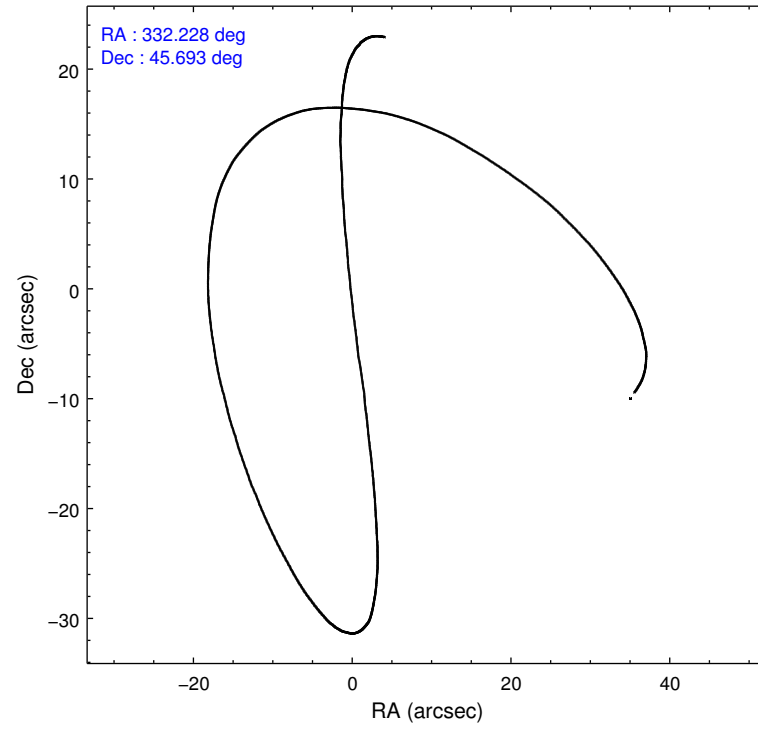
	segment 0
level 1 events	278208
rejected events	61002
rejected %	21%

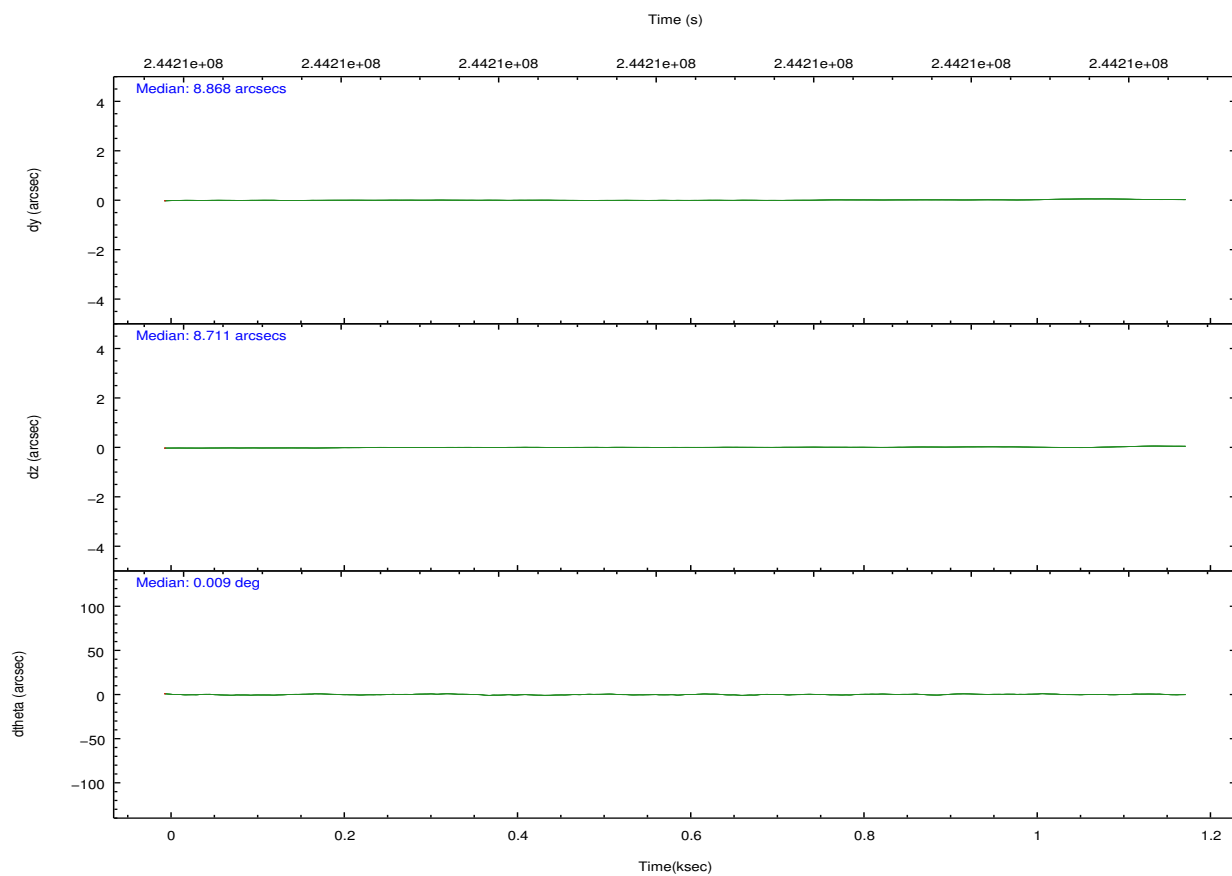
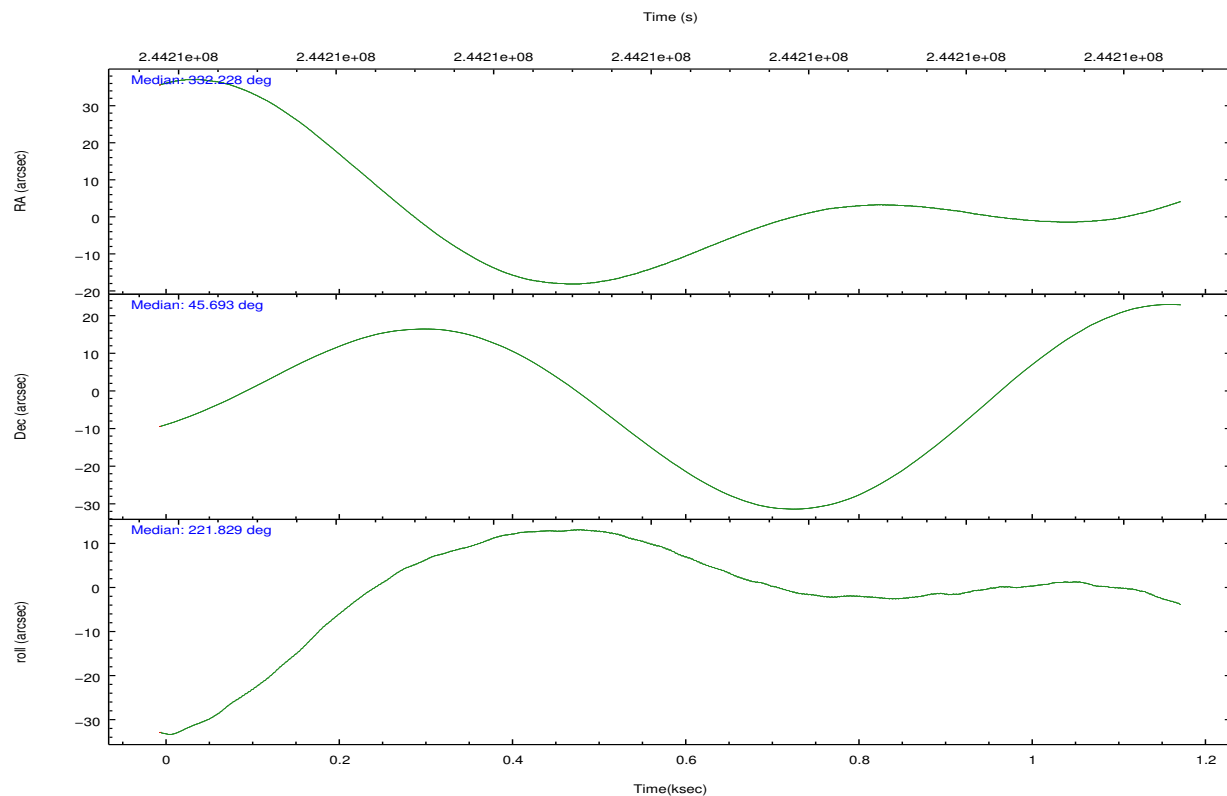
2.2 Compared Parameters

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	332.239434	332.2283899525131
[deg] Pointing Dec	45.717289	45.69173923868086
[deg] Pointing Roll	221.915603	221.8280524840198
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.98297998999862
[mm] SIM translation stage offset	0	0.002508901615314585
[s] Observation start time (MET)	244212812.184000	244212436.26021
Observation start date	2005-09-27T12:52:28	2005-09-27T12:47:16
[s] Observation end time (MET)	244213812.184000	244213946.08528
Observation end date	2005-09-27T13:09:08	2005-09-27T13:12:26

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

2.3 Aspect



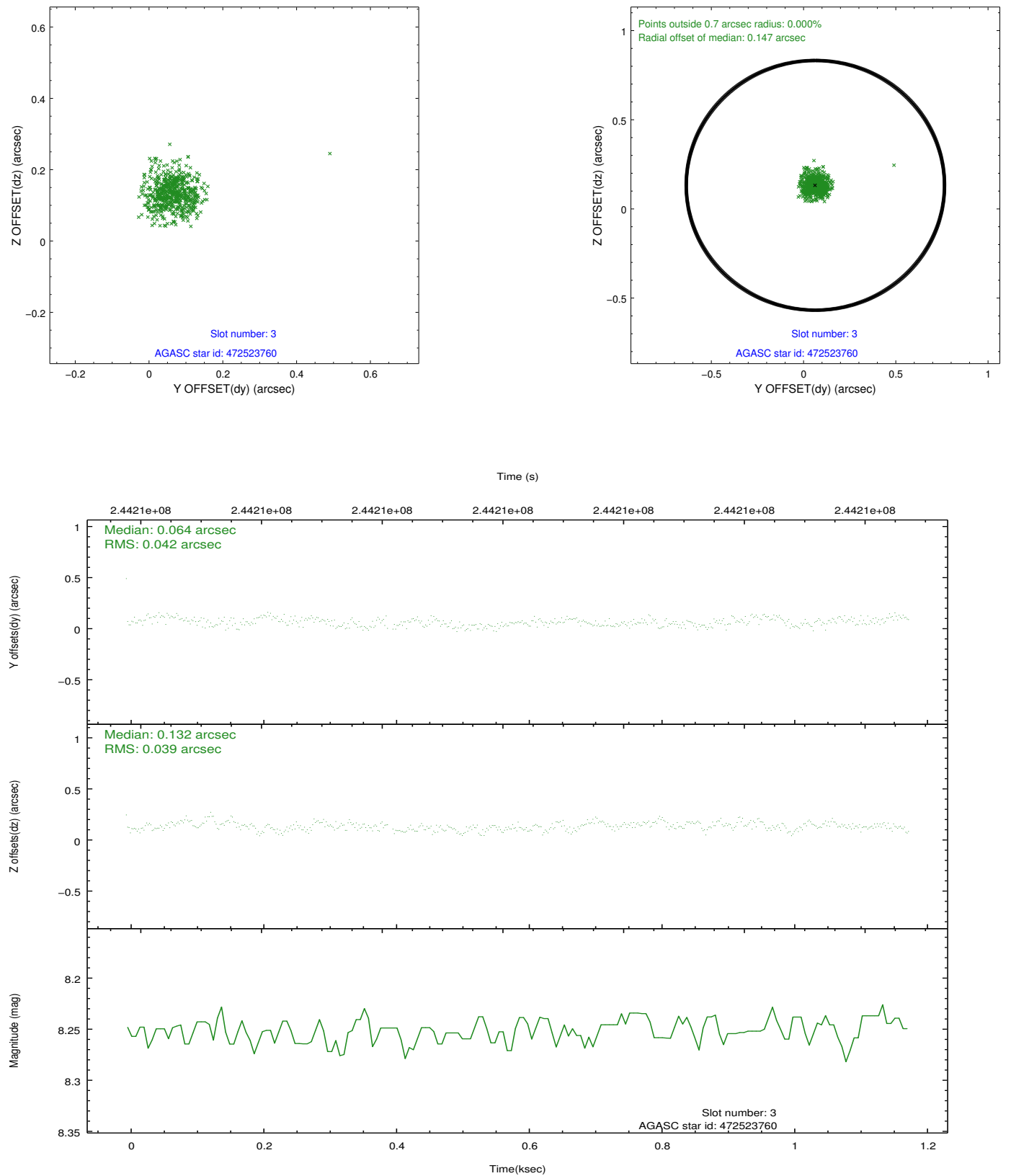


Slot Statistics

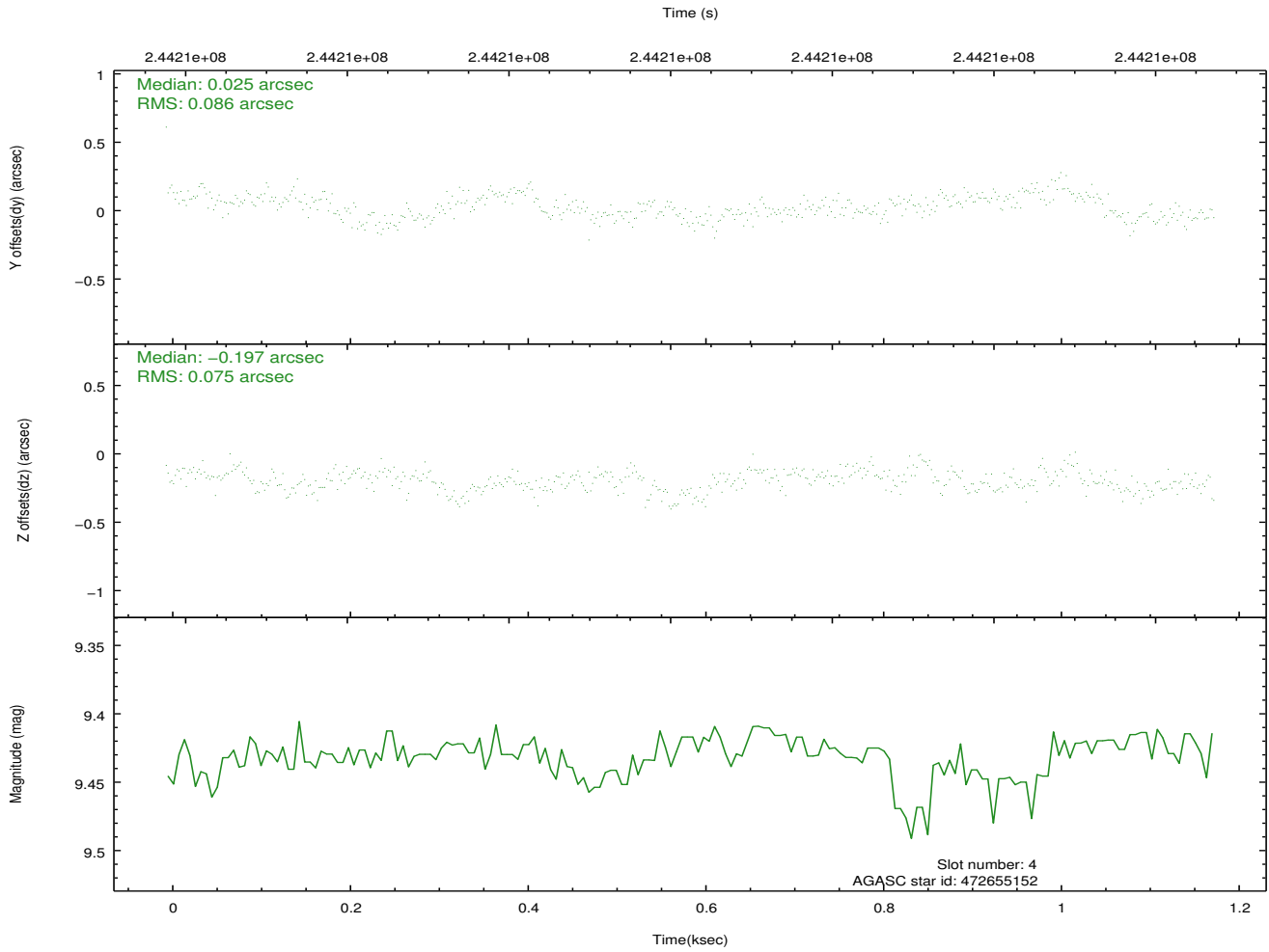
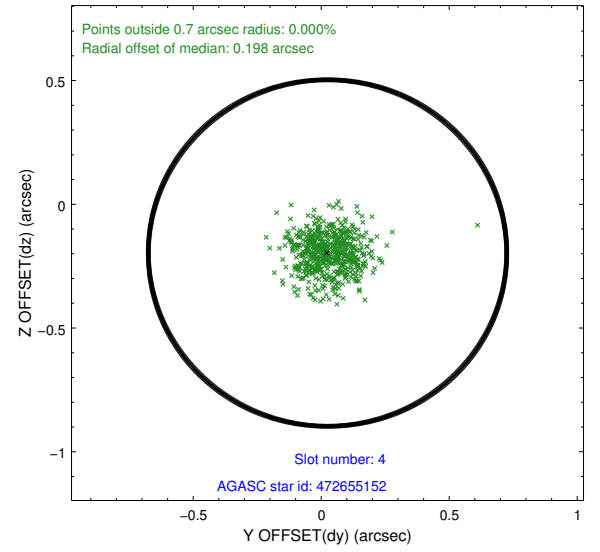
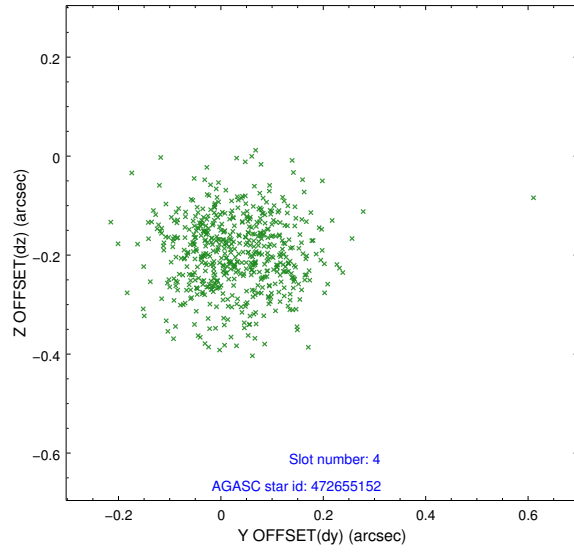
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	288	-0.019	0.062	0.008	0.014	0.000000	0.000000	-764.54	-1296.54
1	FID	HRC-I-2	7.02	288	0.164	-0.123	0.006	0.011	0.000000	0.000000	845.62	-1302.81
2	FID	HRC-I-3	7.06	288	-0.026	-0.028	0.007	0.011	0.000000	0.000000	-1190.08	1003.41
3	GUIDE	472523760	8.25	573	0.064	0.132	0.059	0.092	331.645363	45.403260	1870.57	-165.10
4	GUIDE	472655152	9.43	576	0.025	-0.197	0.119	0.195	332.504239	45.862991	-840.27	52.82
5	GUIDE	472665256	9.01	576	0.112	0.023	0.091	0.183	332.808125	46.195041	-2206.65	-335.89
6	GUIDE	472525528	6.66	576	-0.197	-0.076	0.073	0.121	331.551102	45.248694	2417.68	84.52
7	GUIDE	472659832	9.47	575	-0.001	0.144	0.111	0.178	332.780399	46.098139	-1918.12	-120.36

2.4 Star Slots

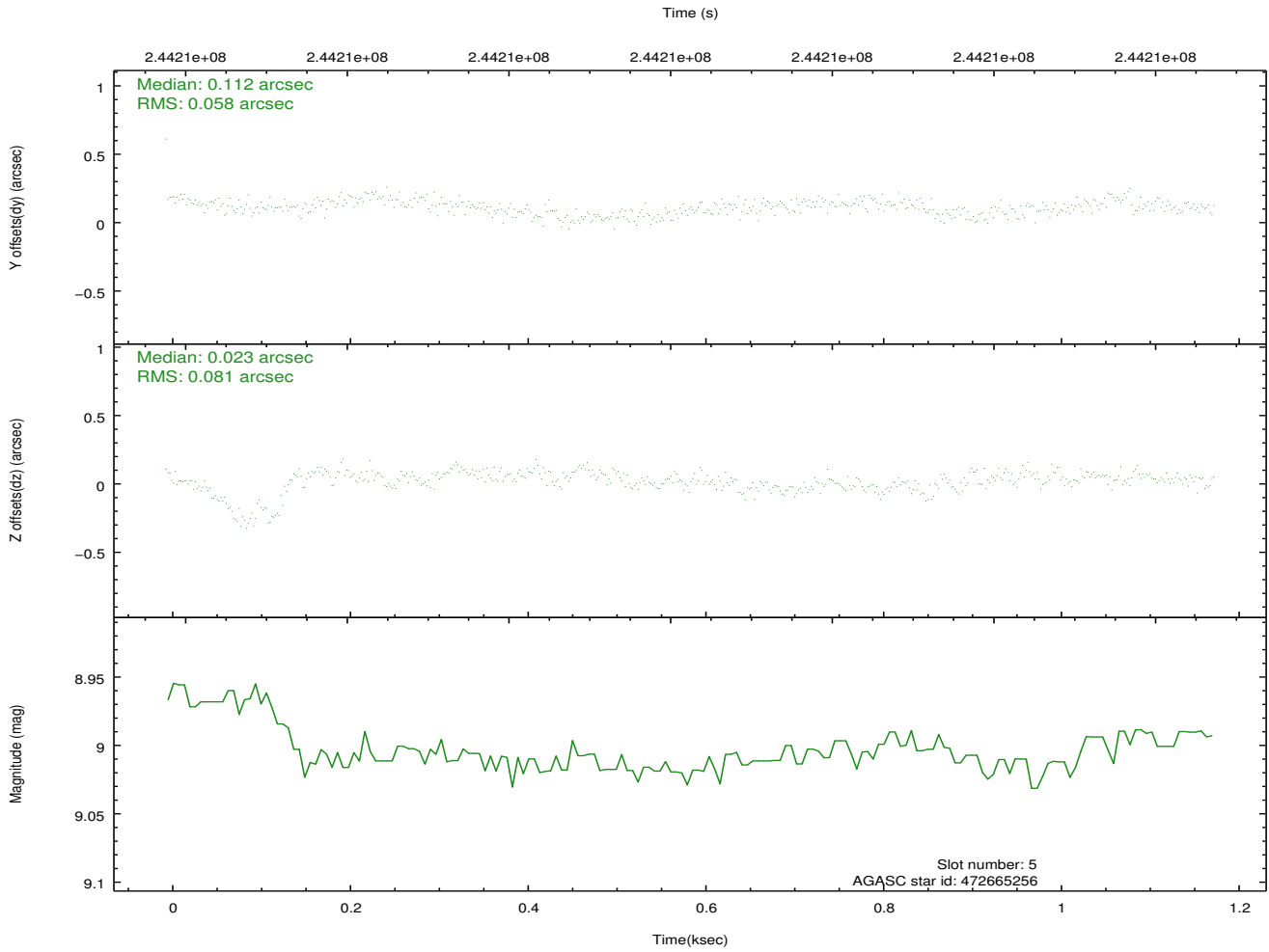
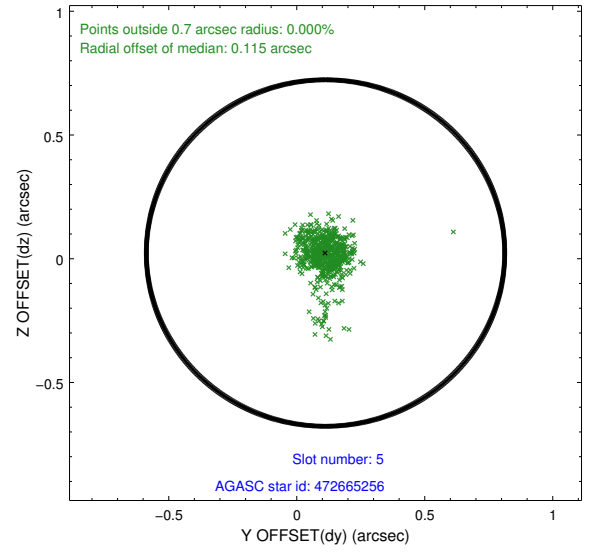
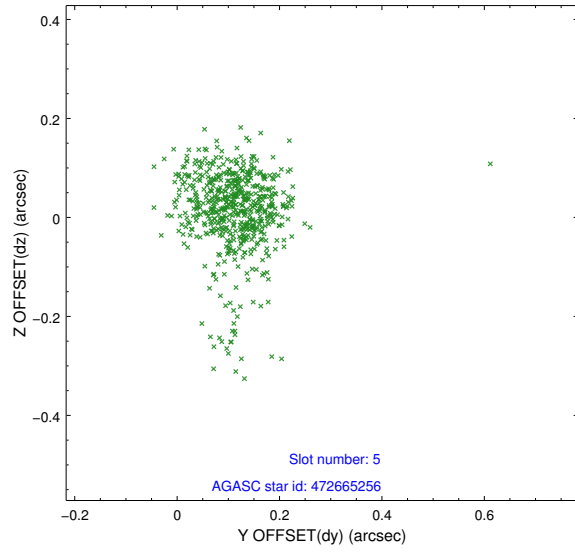
2.4.1 Slot 3



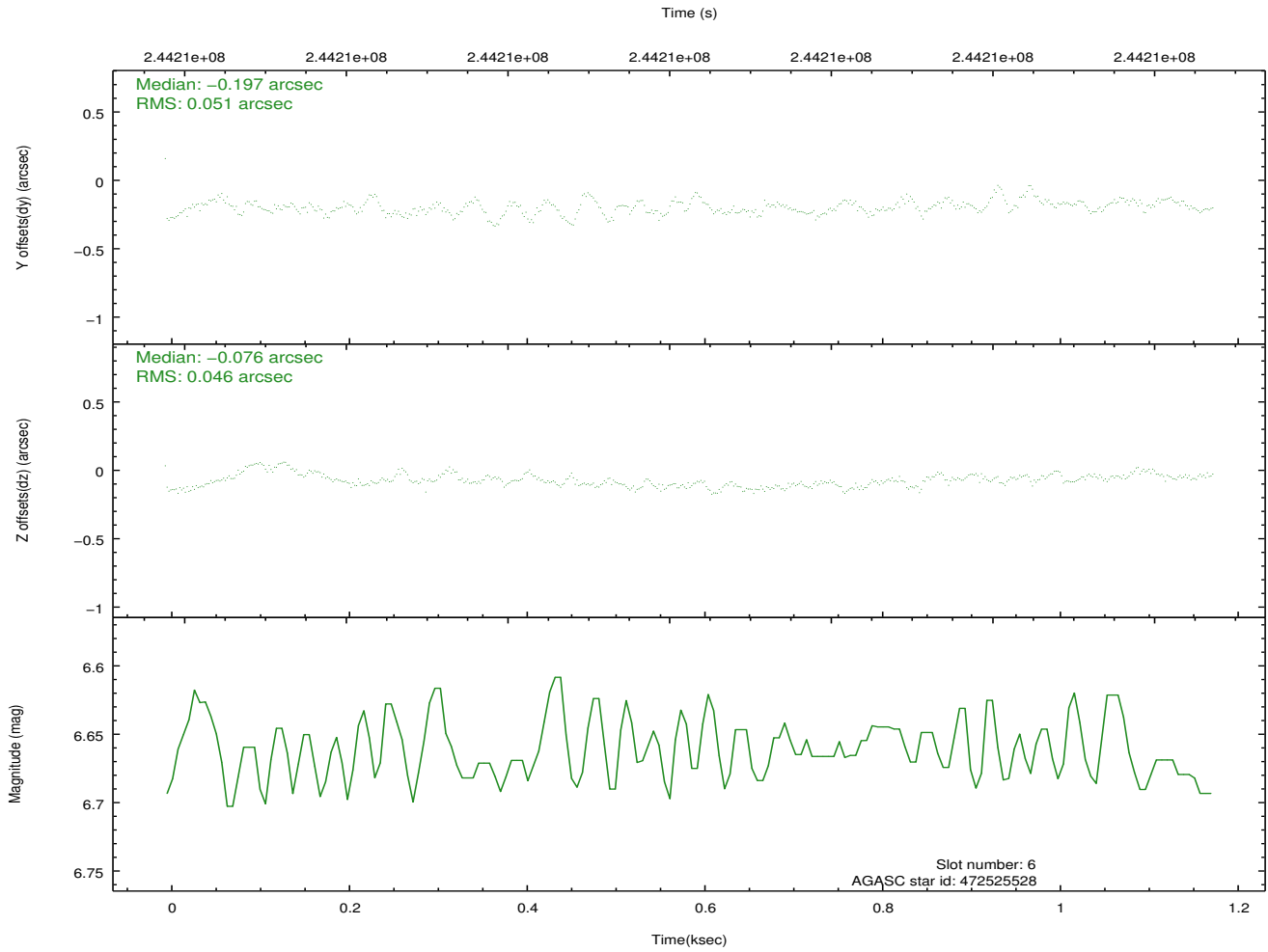
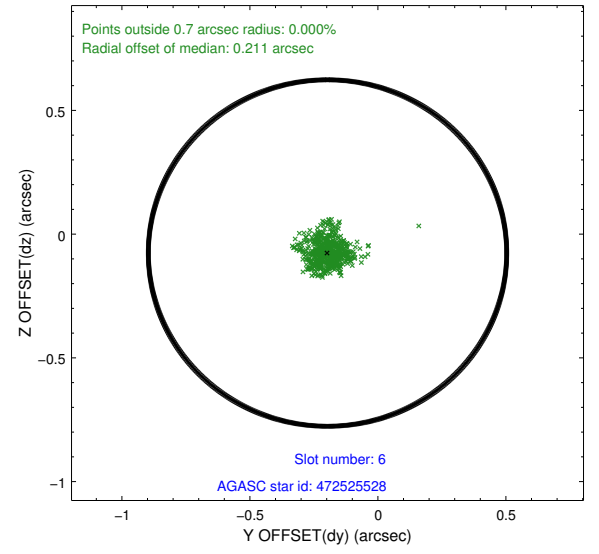
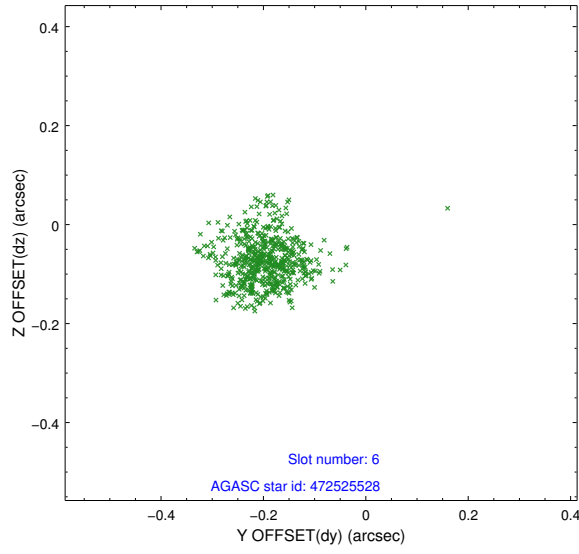
2.4.2 Slot 4



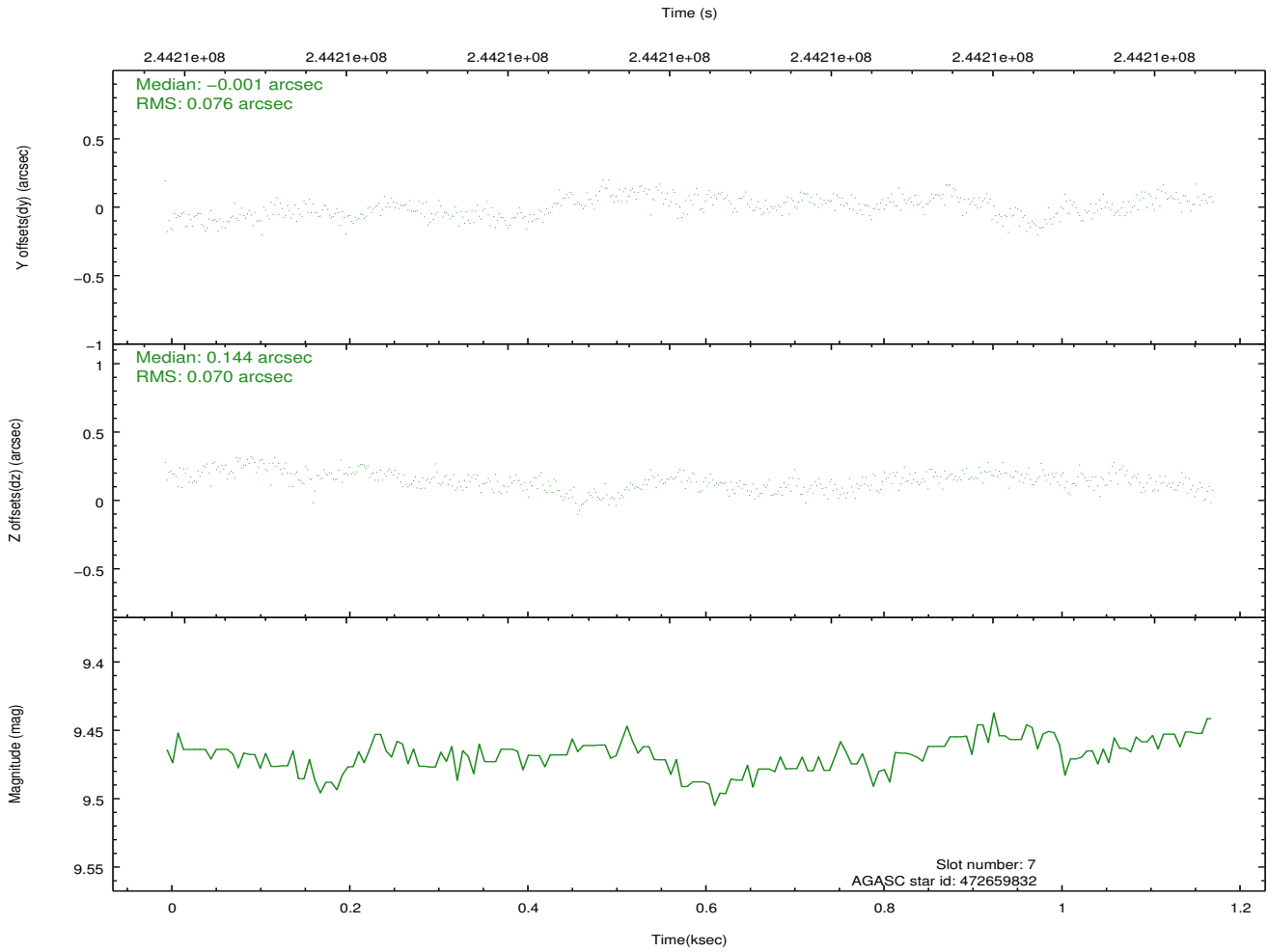
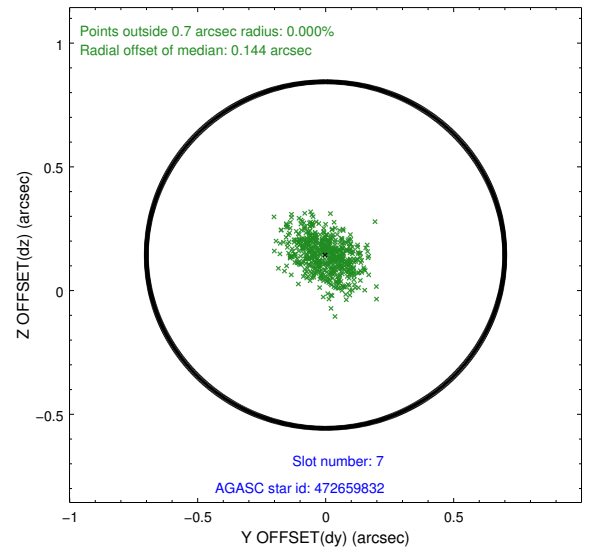
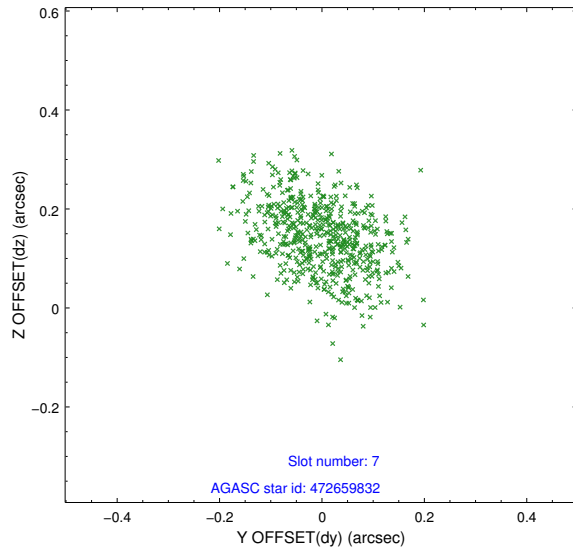
2.4.3 Slot 5



2.4.4 Slot 6

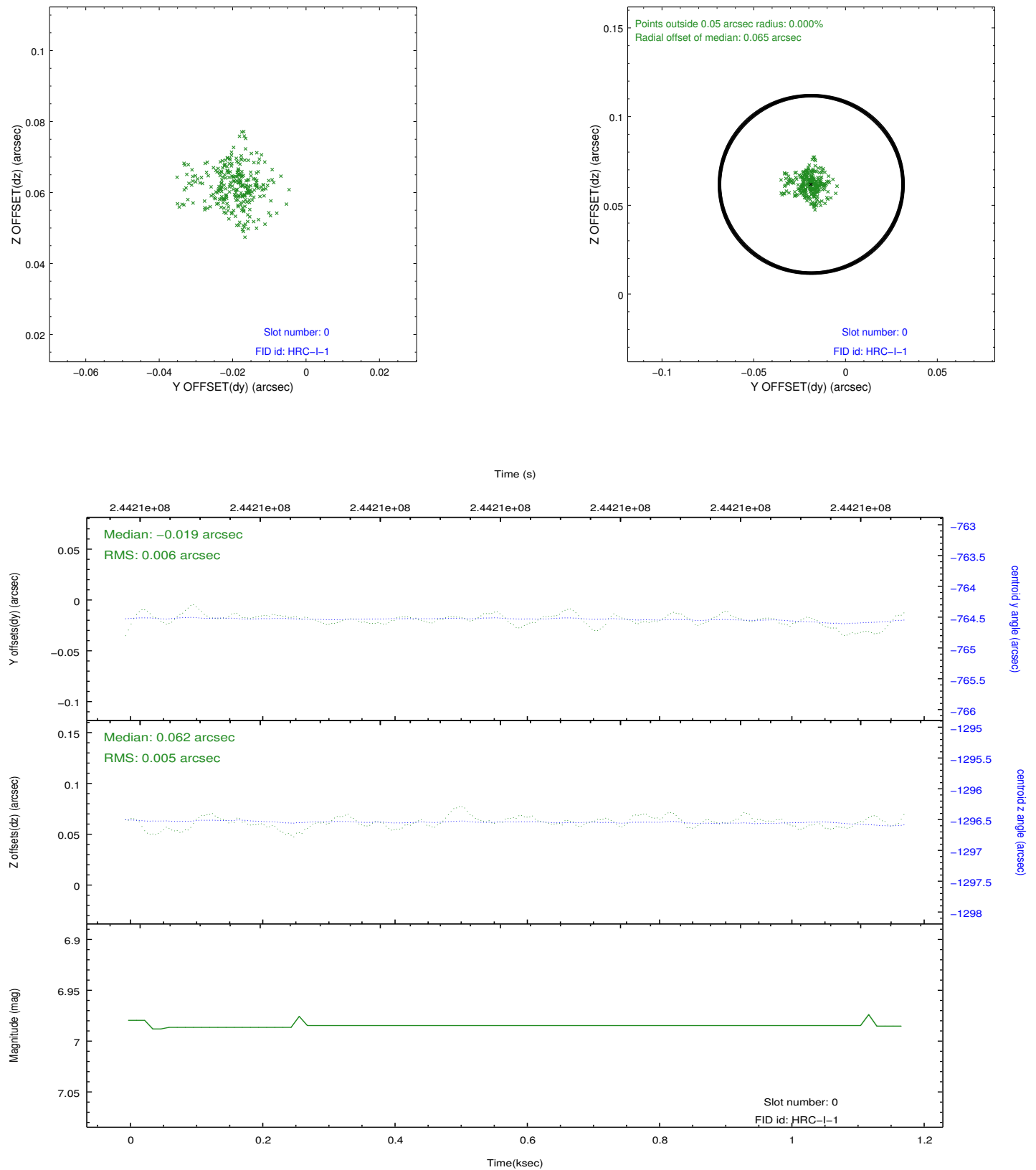


2.4.5 Slot 7

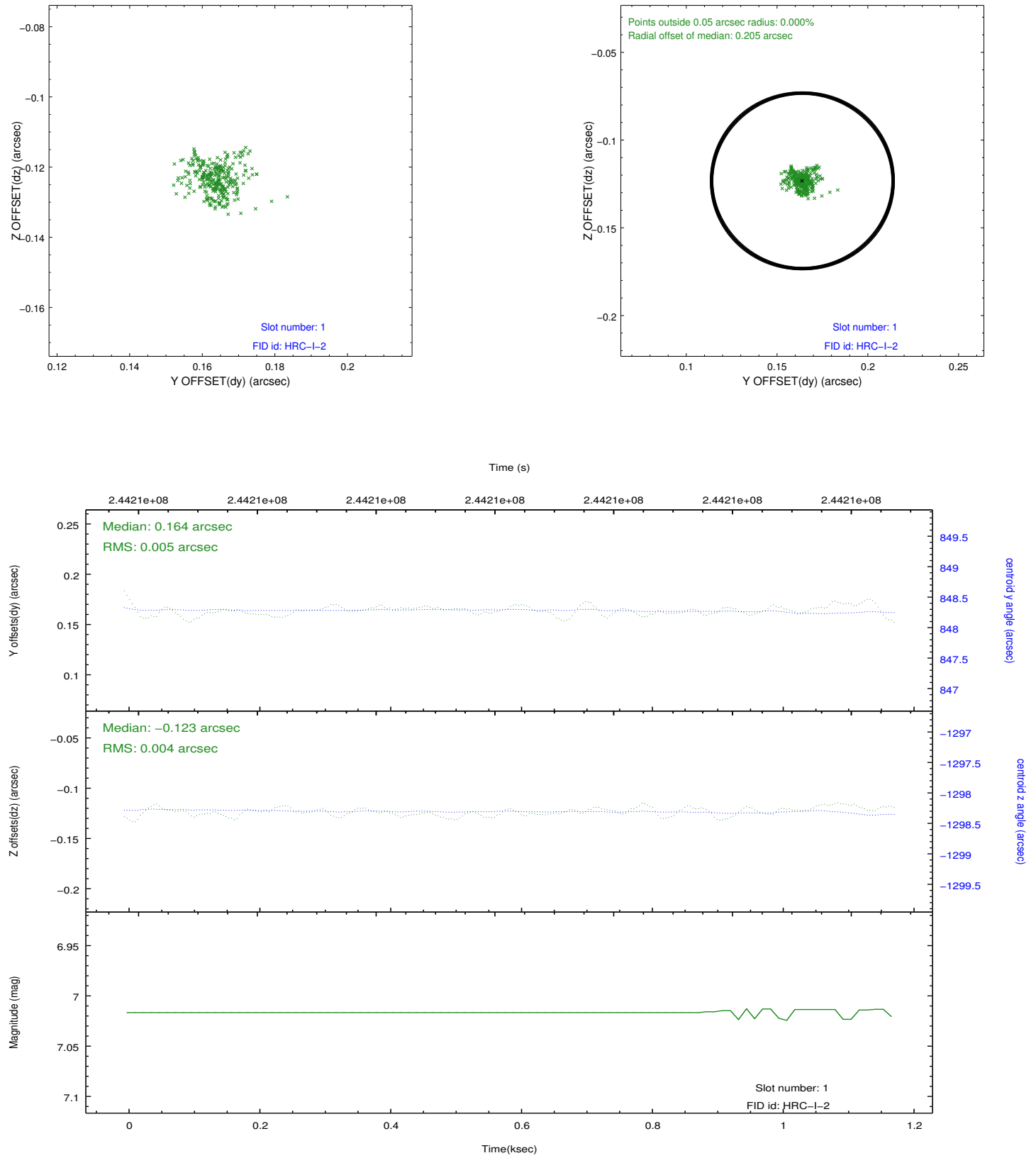


2.5 FID Slots

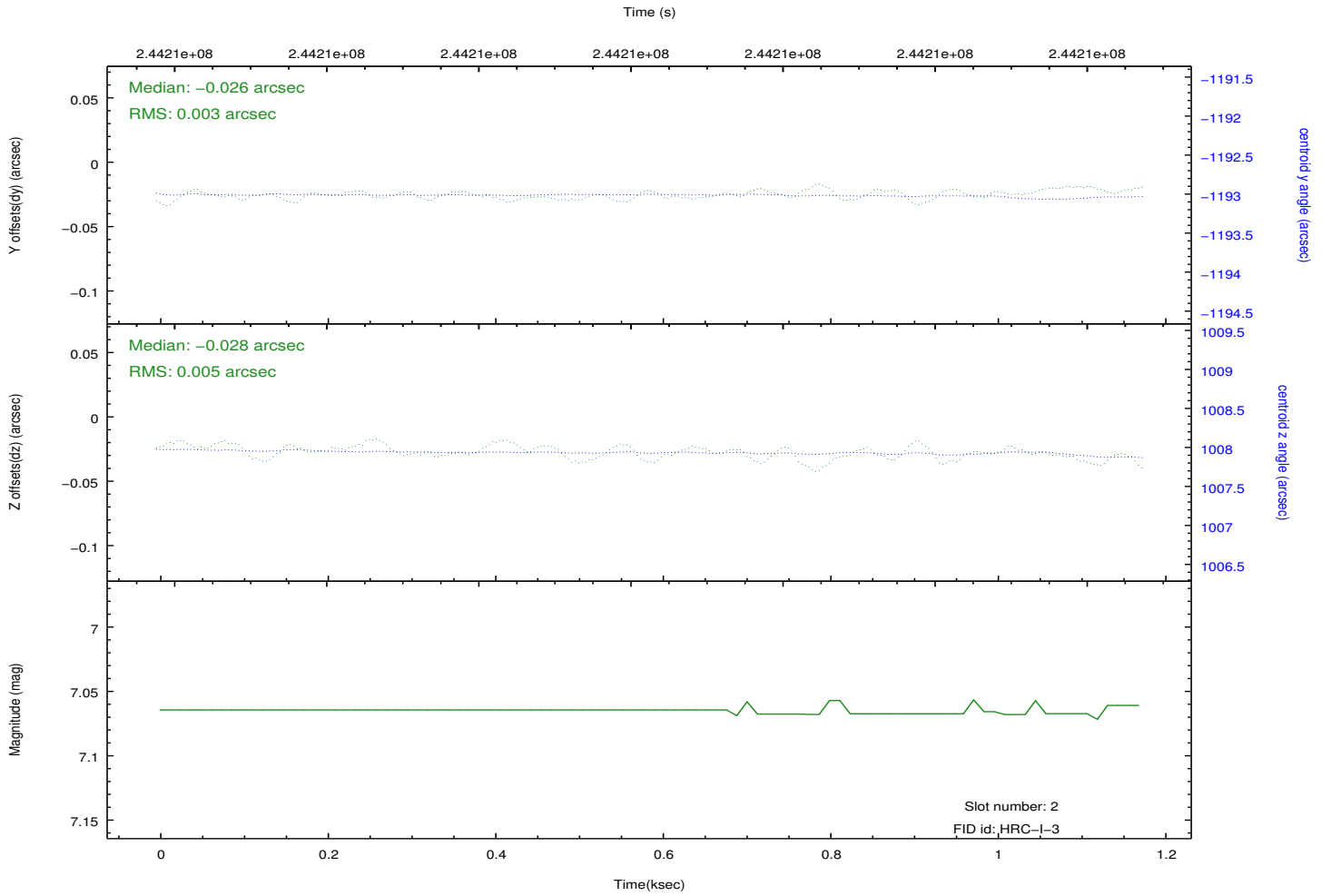
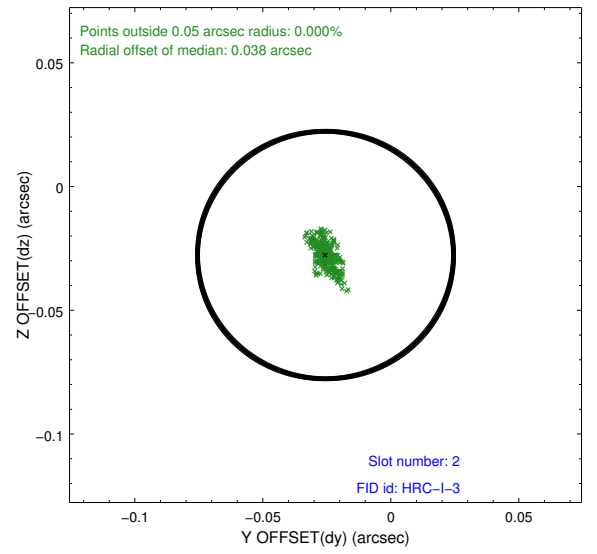
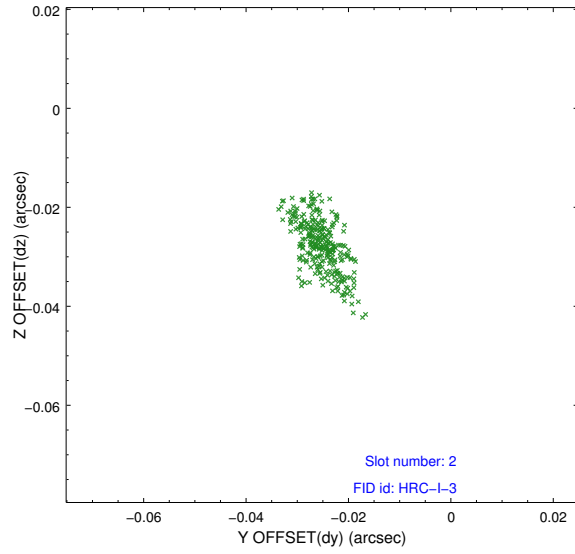
2.5.1 Slot 0



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)	2013.01.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.177981

A.2 Comments