

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2368 - L2 Version 5
Chandra X-Ray Center

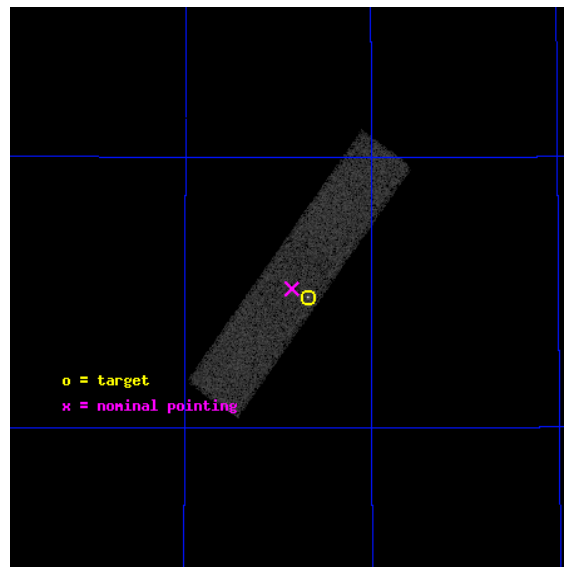
L2 Processing Date : Sep 4 2012

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

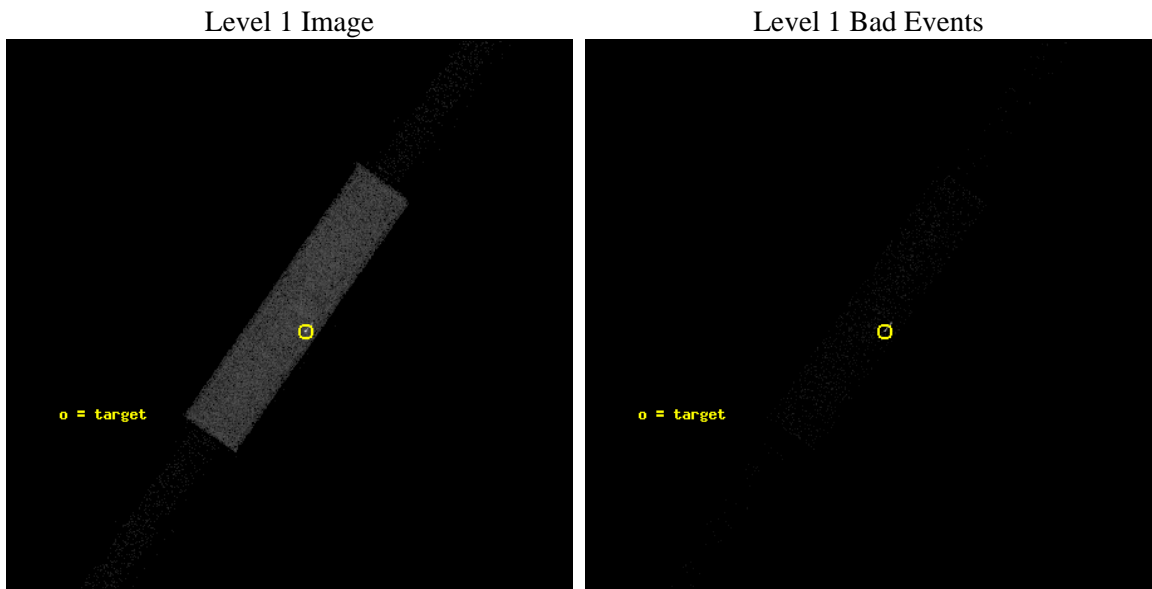
seq_num	290114	Sequence number
obs_id	2368	Observation id
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC,HRC-S,AO2	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.2133721256	Nominal RA [deg]
dec_nom	45.757620611146	Nominal Dec [deg]
roll_nom	305.10659317114	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1143.1312937289	[s]
livetime	1136.790478517	Ontime multiplied by DTCOR
l2events	42478	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	1143.1312937289	[s]
caldbver	4.5.1.1	 	l1events	68789	Number of level 1 events
date	2012-09-05T01:28:20	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

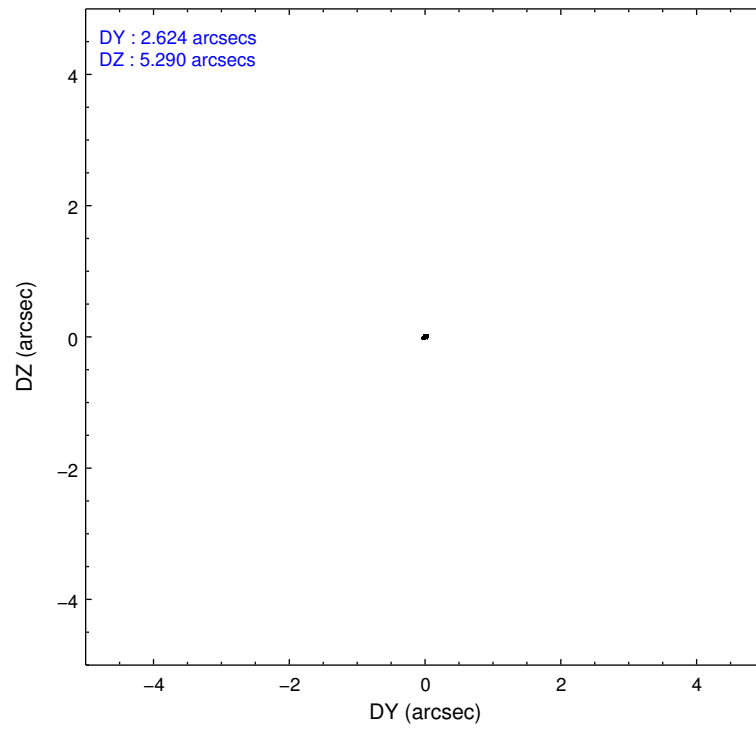
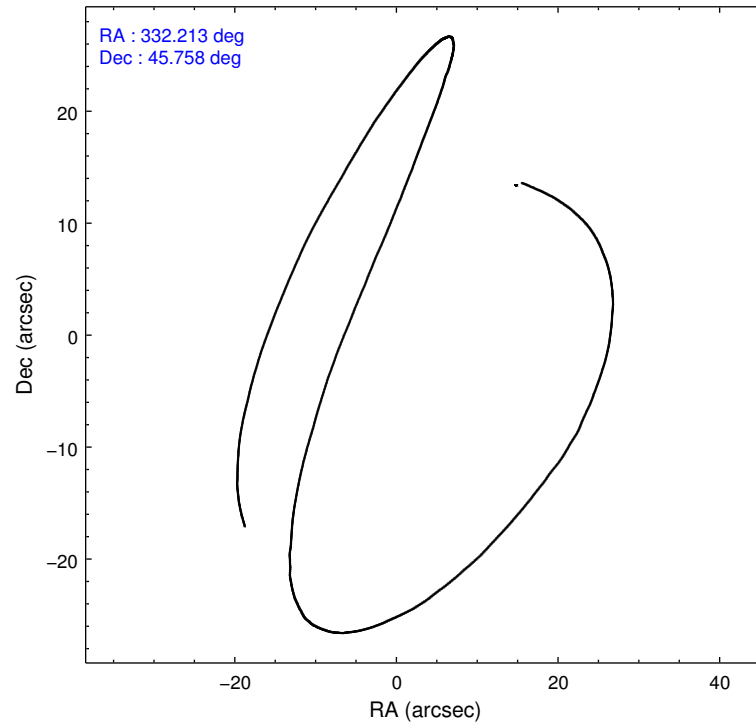
	segment 1	segment 2	segment 3
level 1 events	1051	66733	1005
rejected events	1051	14809	1005
rejected %	100%	22%	100%

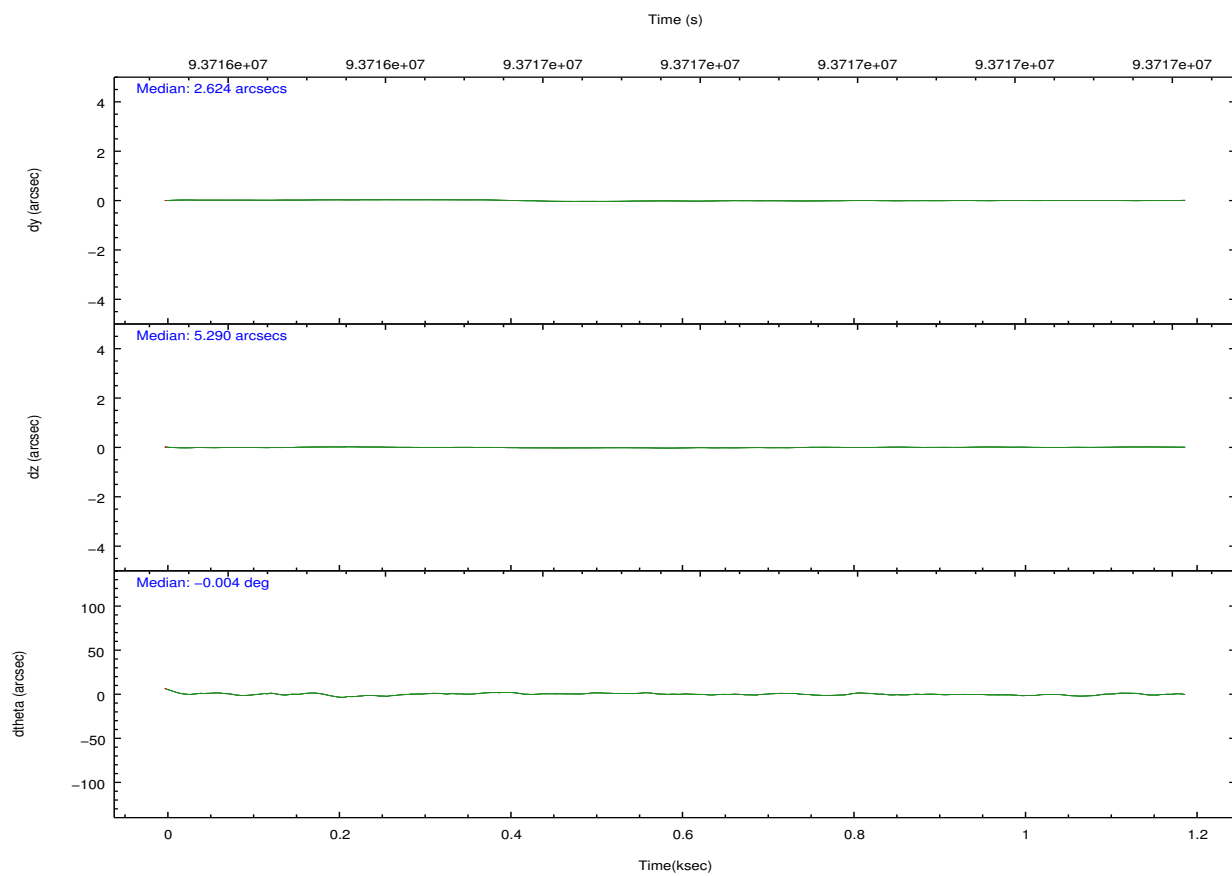
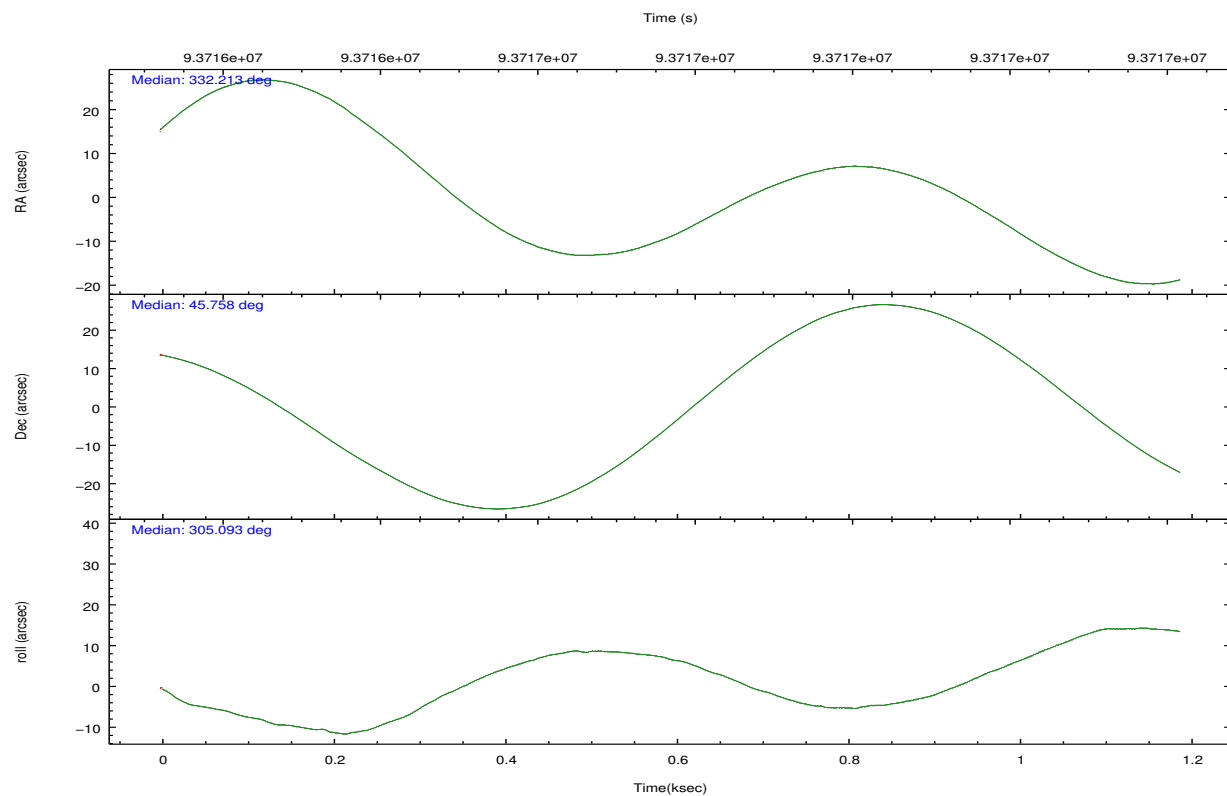
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.174802	332.213372125601
[deg] Pointing Dec	45.768278	45.75762061114617
[deg] Pointing Roll	305.066851	305.1065931711377
[mm] SIM focus pos	-1.429586	-1.428180813131781
[mm] SIM defocus	0.1037507710433287	0.1051558262725154
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	93716362.184000	93715985.913816
Observation start date	2000-12-20T16:18:18	2000-12-20T16:13:05
[s] Observation end time (MET)	93717362.184000	93717495.738874
Observation end date	2000-12-20T16:34:58	2000-12-20T16:38:15

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

2.3 Aspect



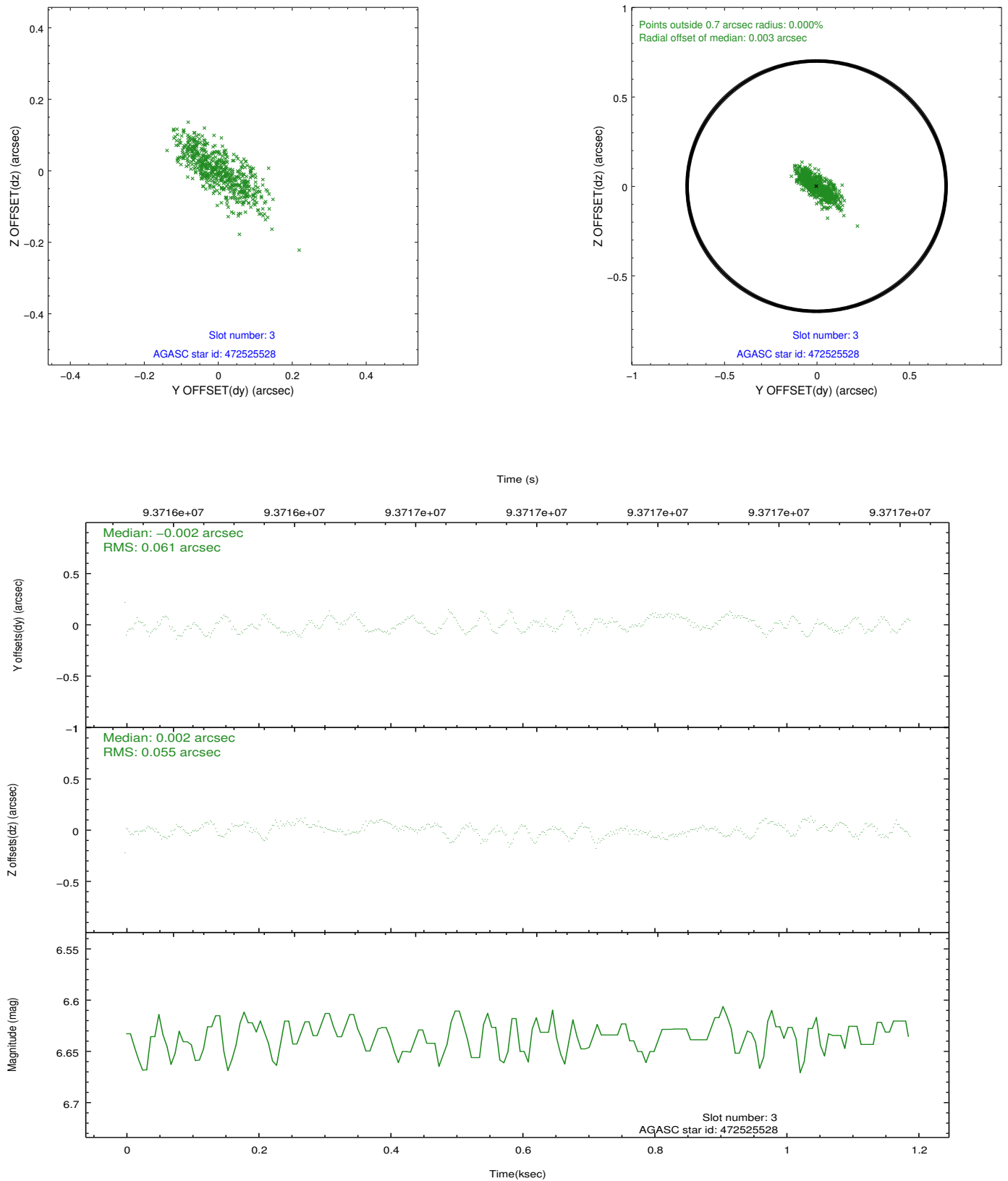


Slot Statistics

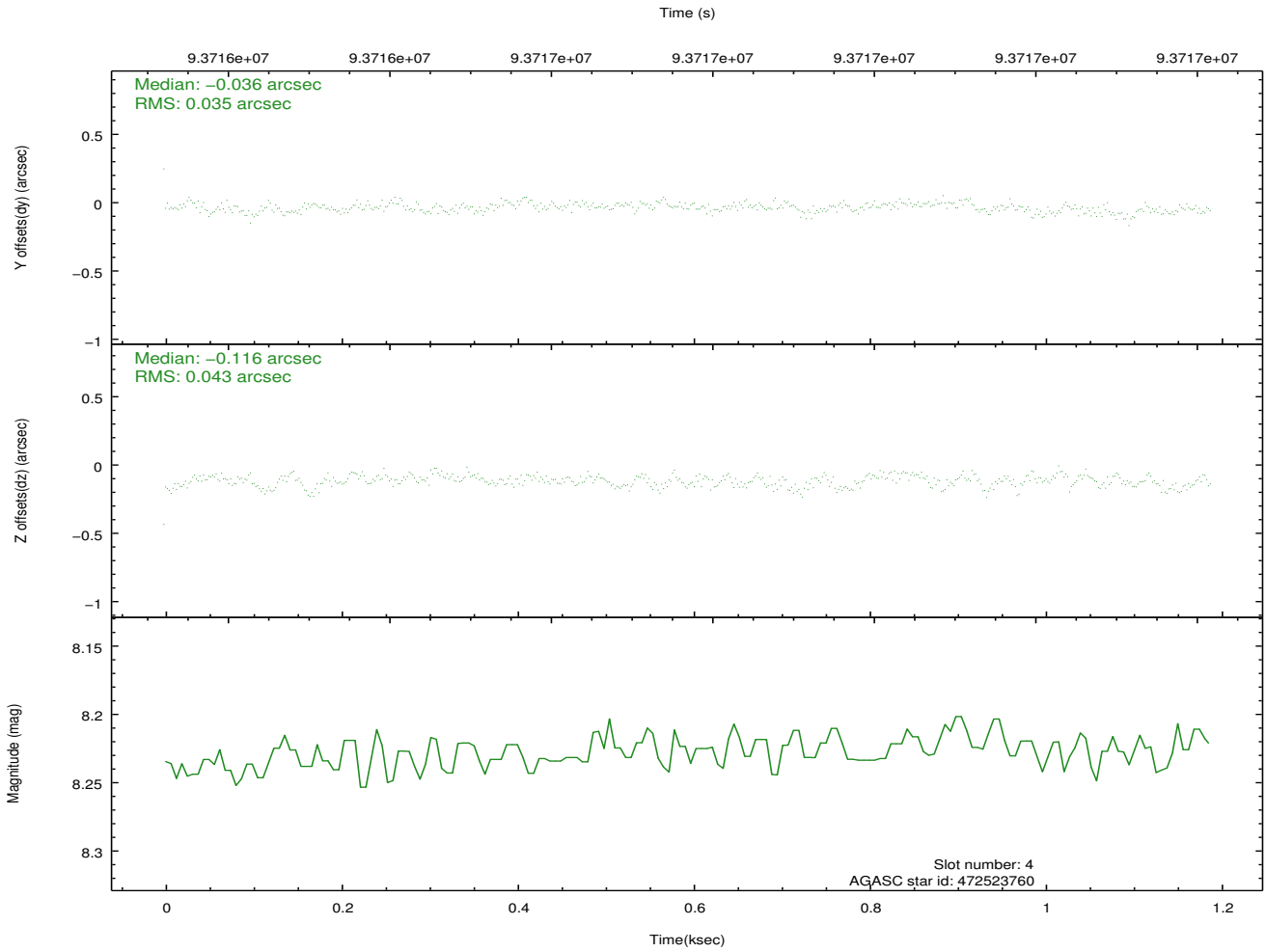
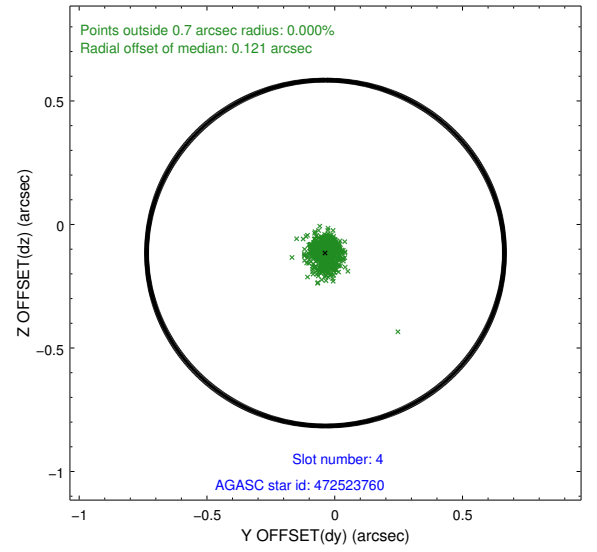
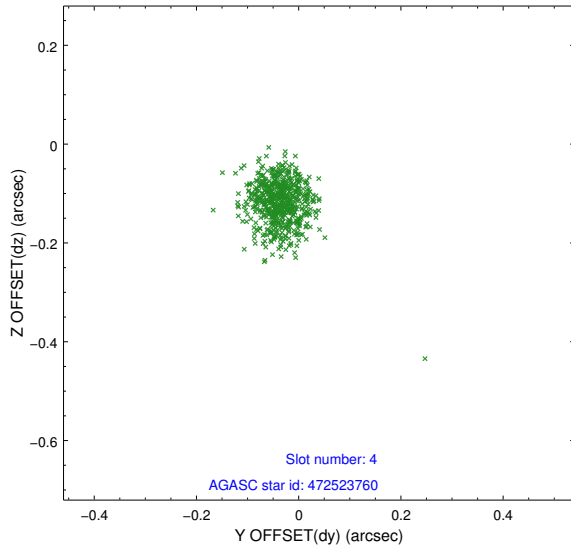
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	291	0.127	-0.107	0.004	0.008	0.000000	0.000000	-1156.66	-453.79
1	FID	HRC-S-2	6.98	291	0.130	-0.143	0.008	0.016	0.000000	0.000000	1239.05	-447.99
2	FID	HRC-S-4	6.93	291	0.146	-0.054	0.008	0.014	0.000000	0.000000	1245.86	576.85
3	GUIDE	472525528	6.63	581	-0.002	0.002	0.090	0.142	331.551102	45.248694	617.95	-2367.29
4	GUIDE	472523760	8.23	581	-0.036	-0.116	0.056	0.092	331.645363	45.403260	304.18	-1854.32
5	GUIDE	472665256	9.02	581	-0.093	-0.073	0.076	0.133	332.808125	46.195041	-356.31	2172.21
6	GUIDE	472659832	9.47	578	0.022	0.101	0.099	0.155	332.780399	46.098139	-109.40	1924.33
7	GUIDE	472655152	9.43	580	0.104	0.098	0.091	0.156	332.504239	45.862991	193.41	873.82

2.4 Star Slots

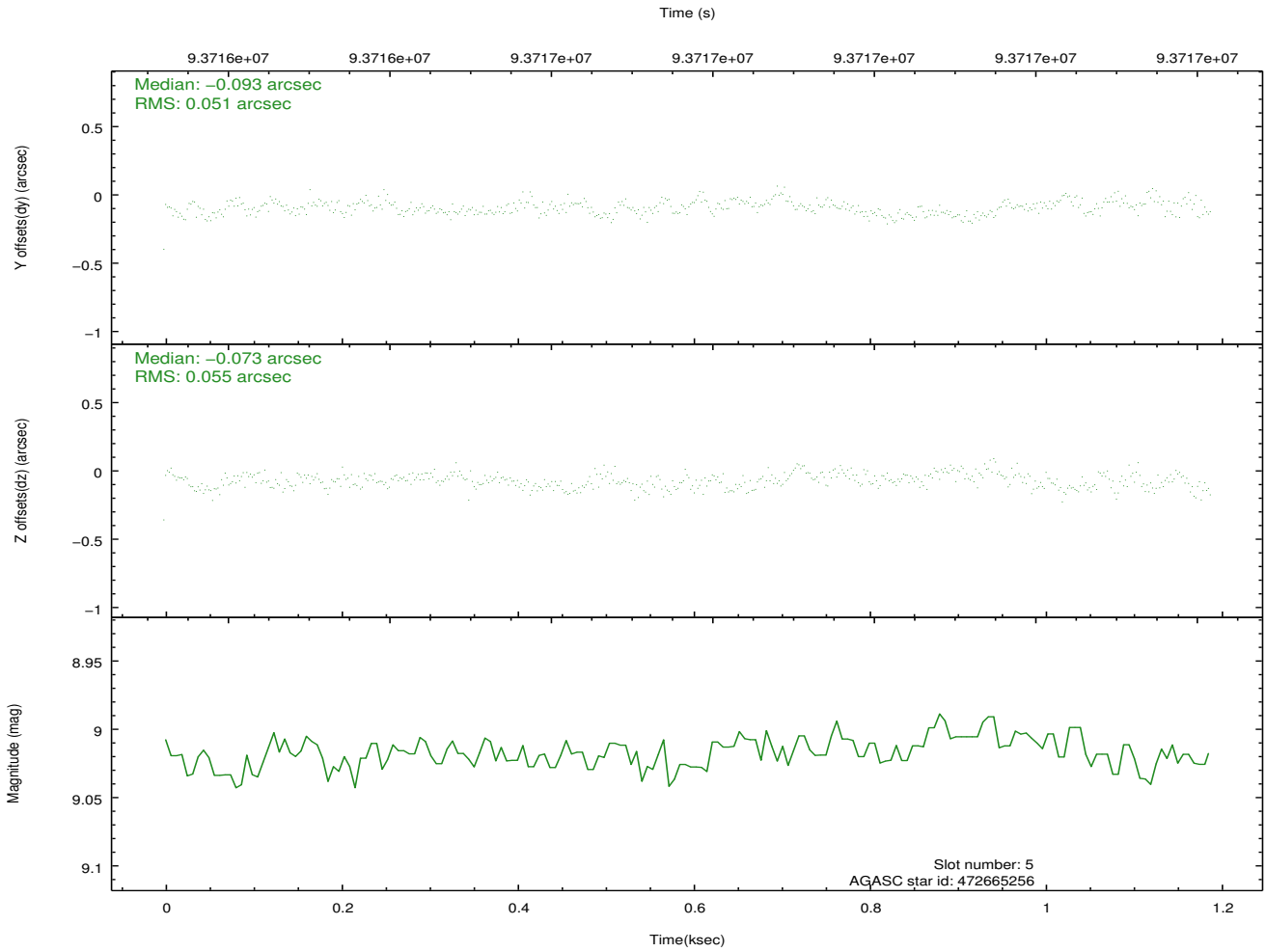
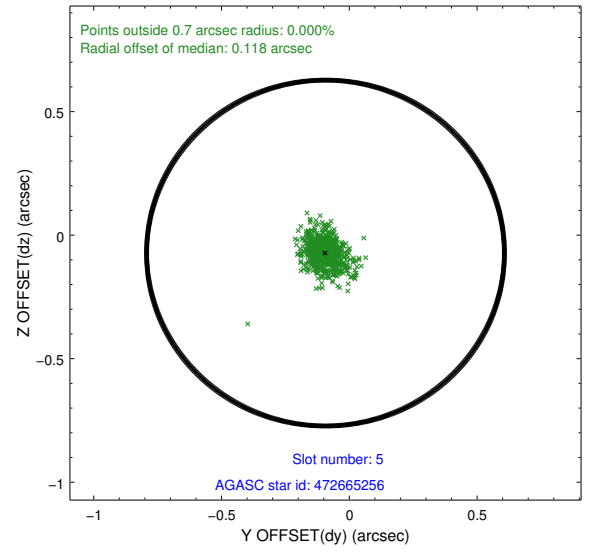
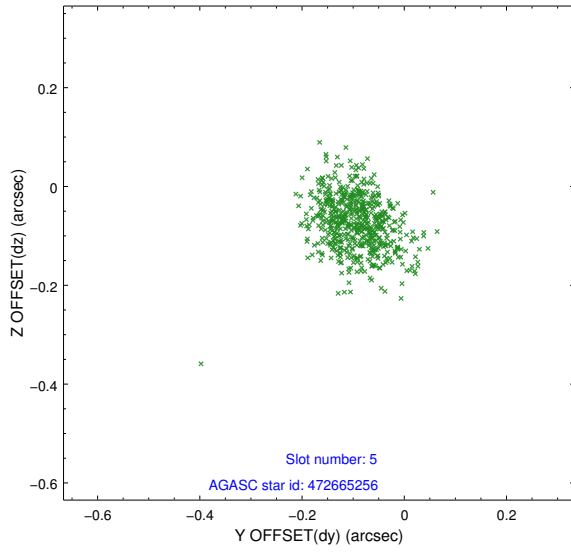
2.4.1 Slot 3



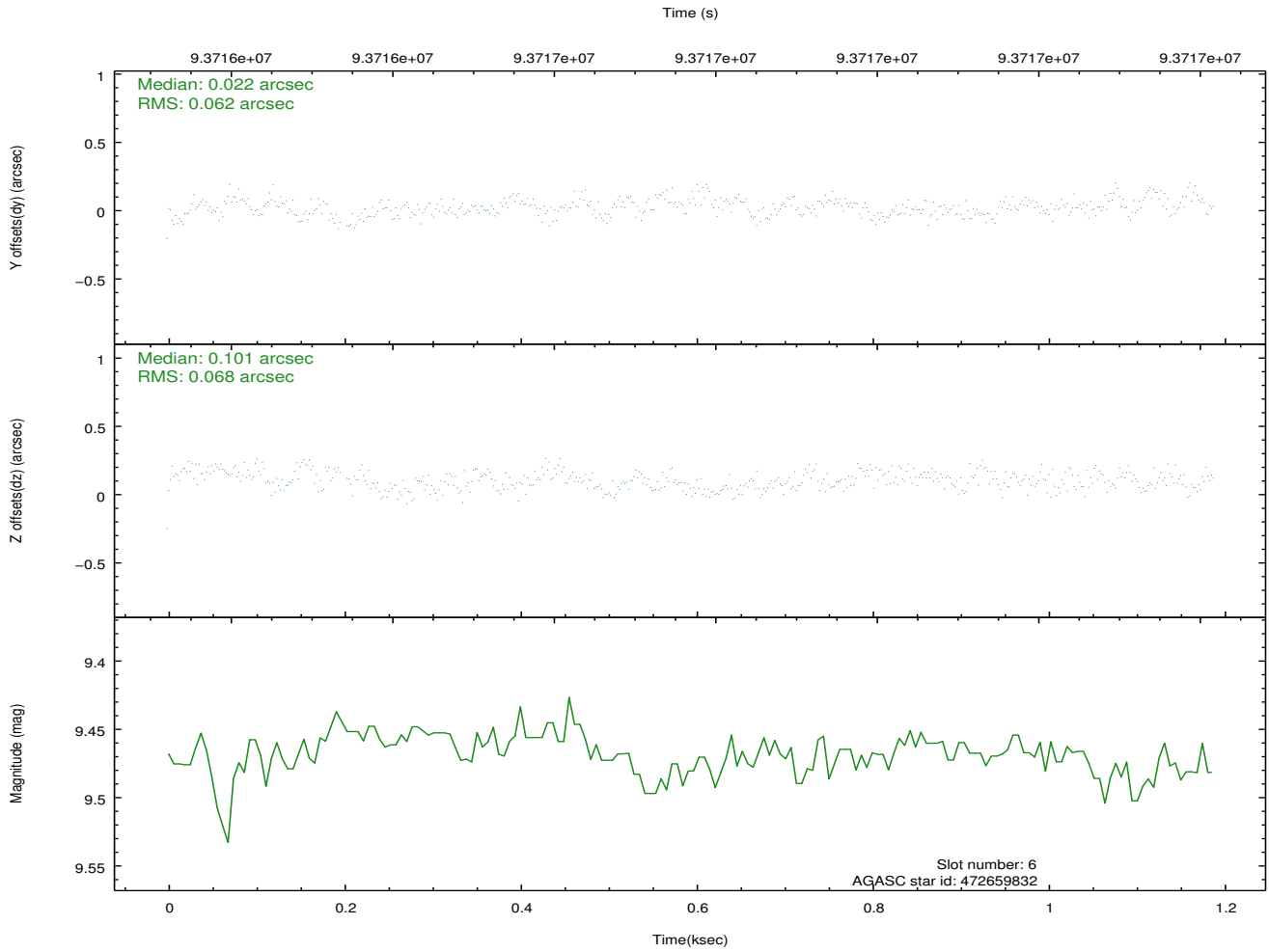
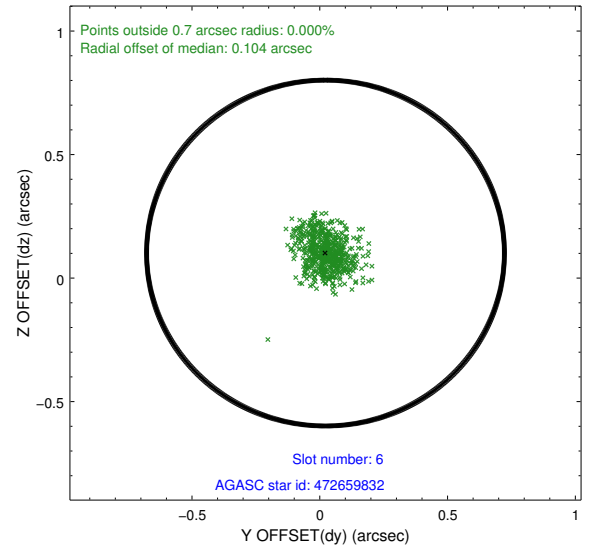
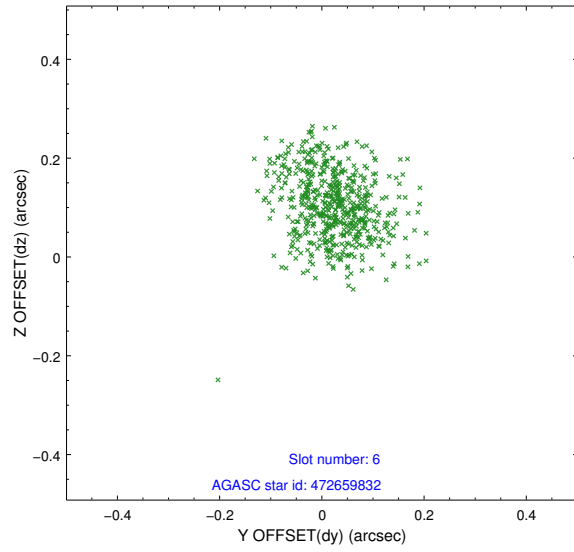
2.4.2 Slot 4



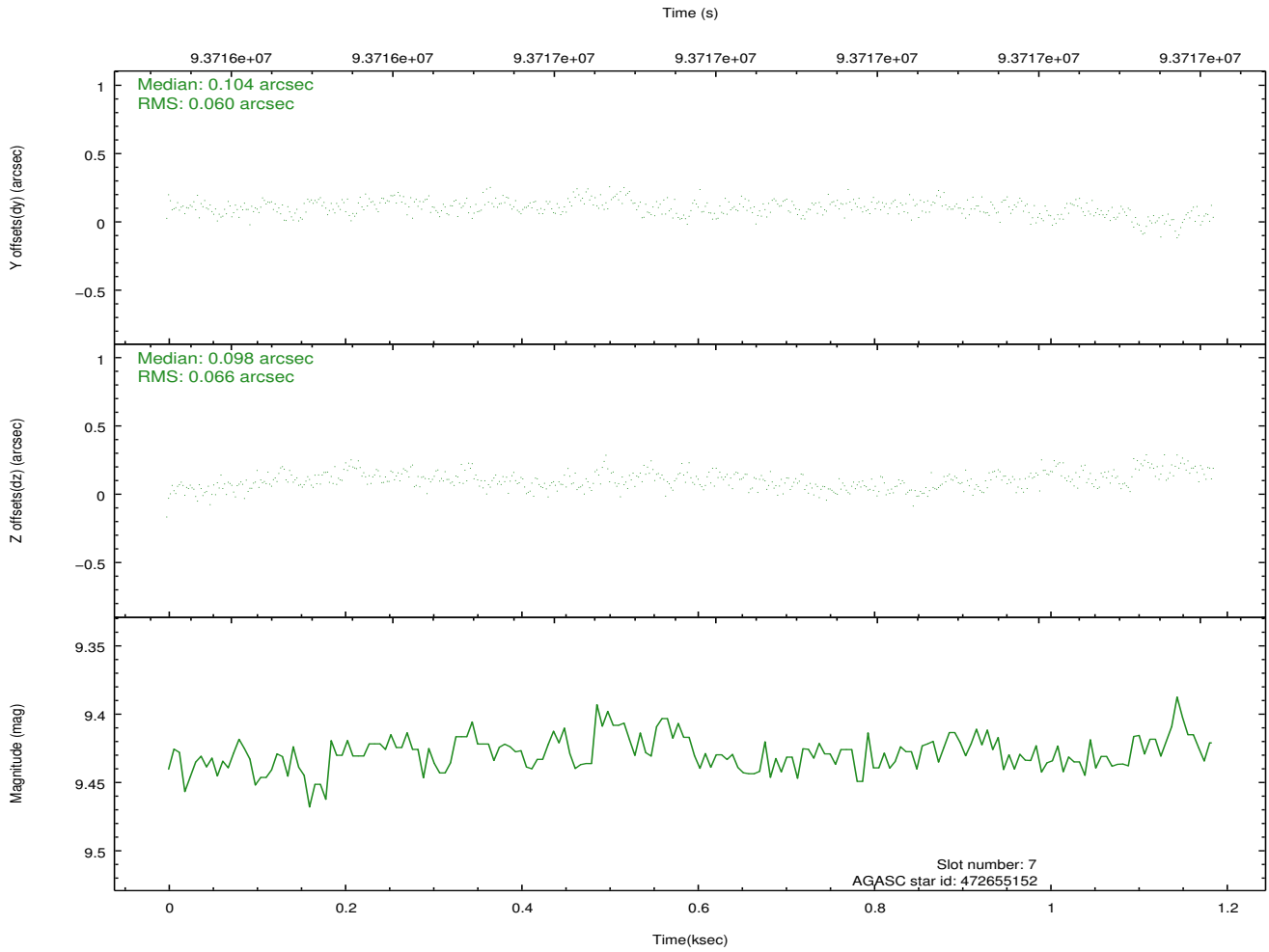
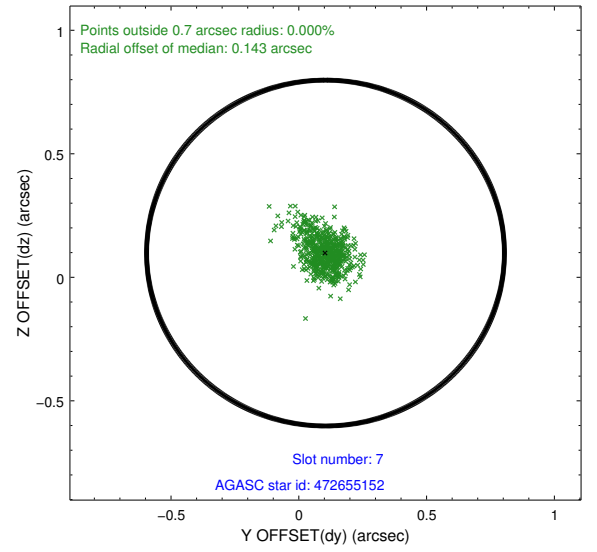
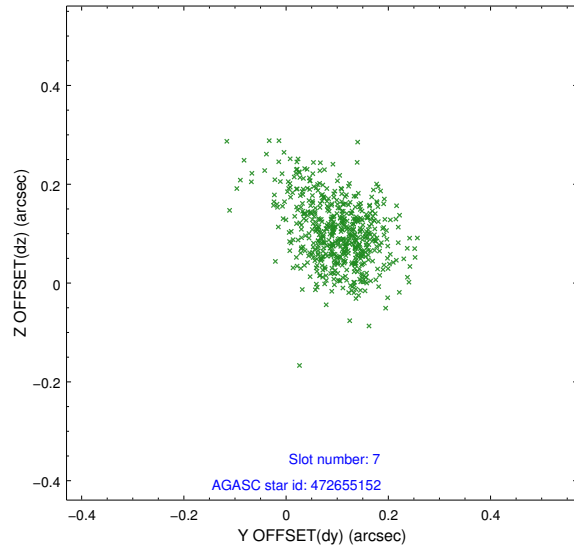
2.4.3 Slot 5



2.4.4 Slot 6

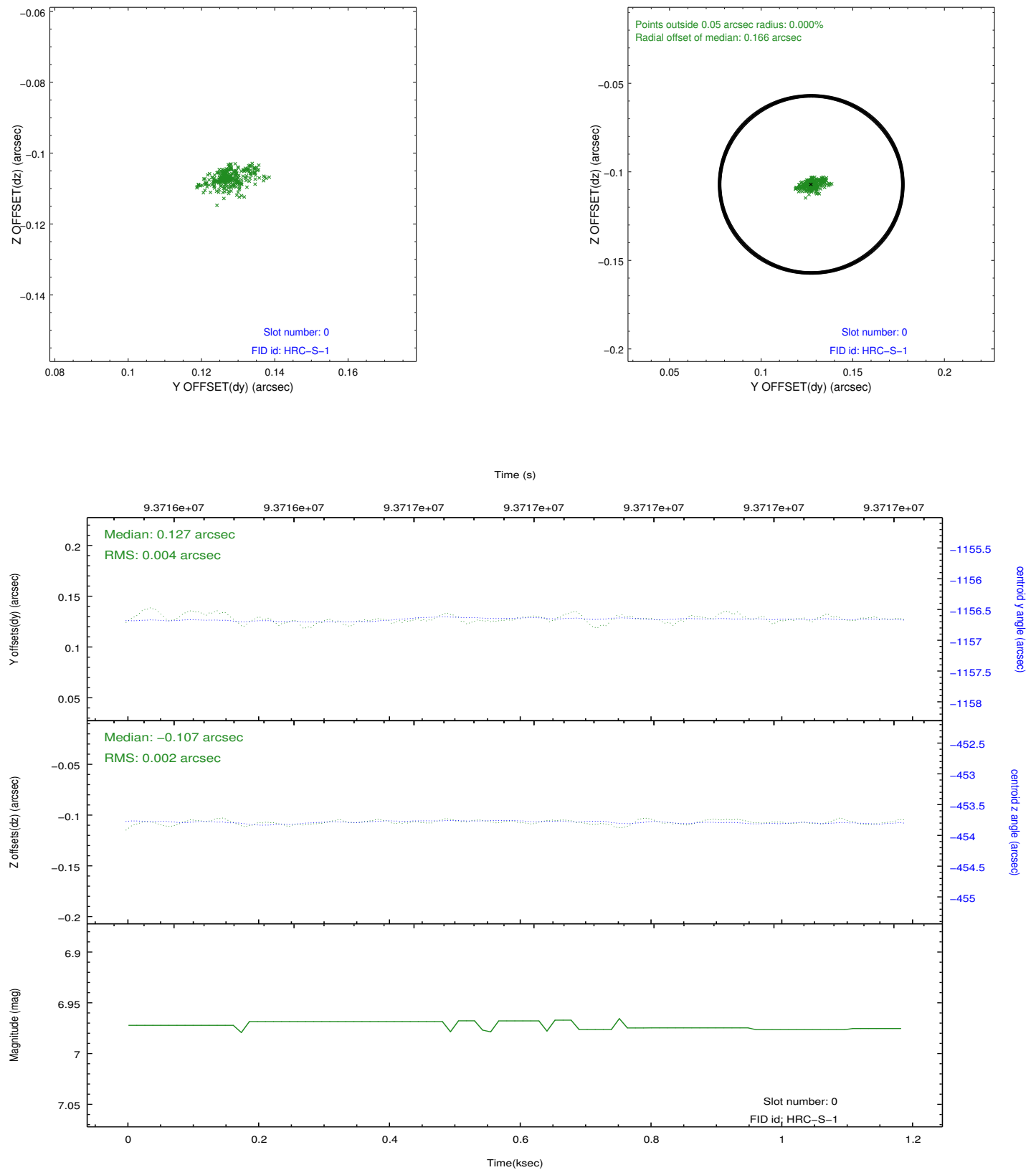


2.4.5 Slot 7

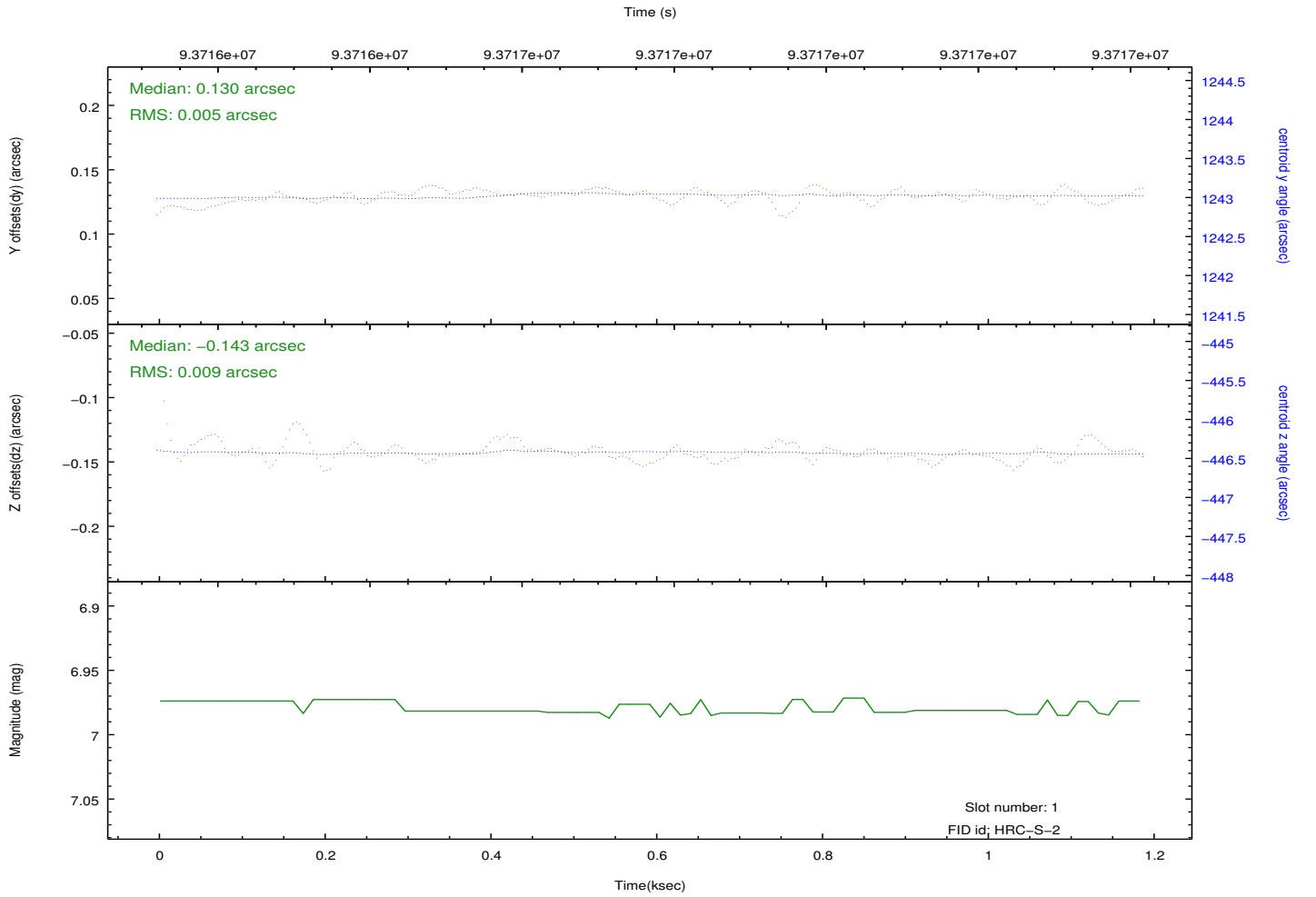
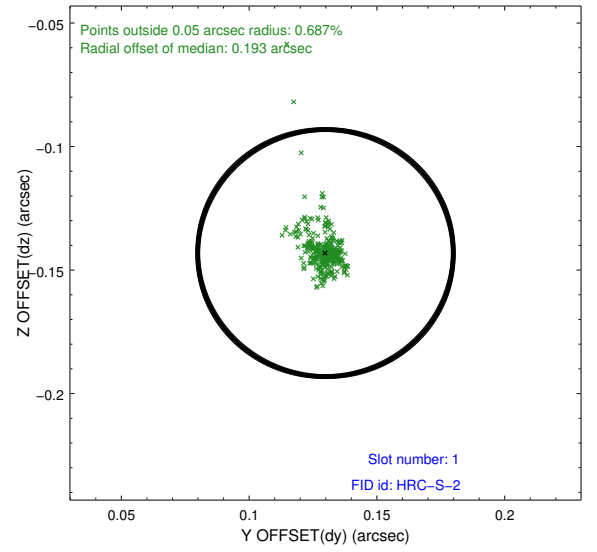
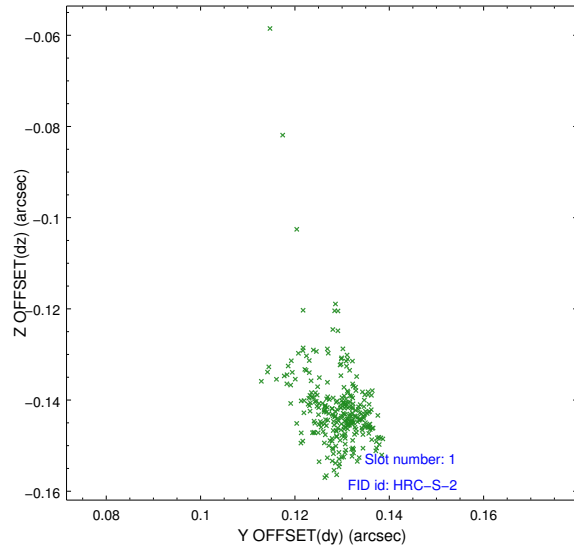


2.5 FID Slots

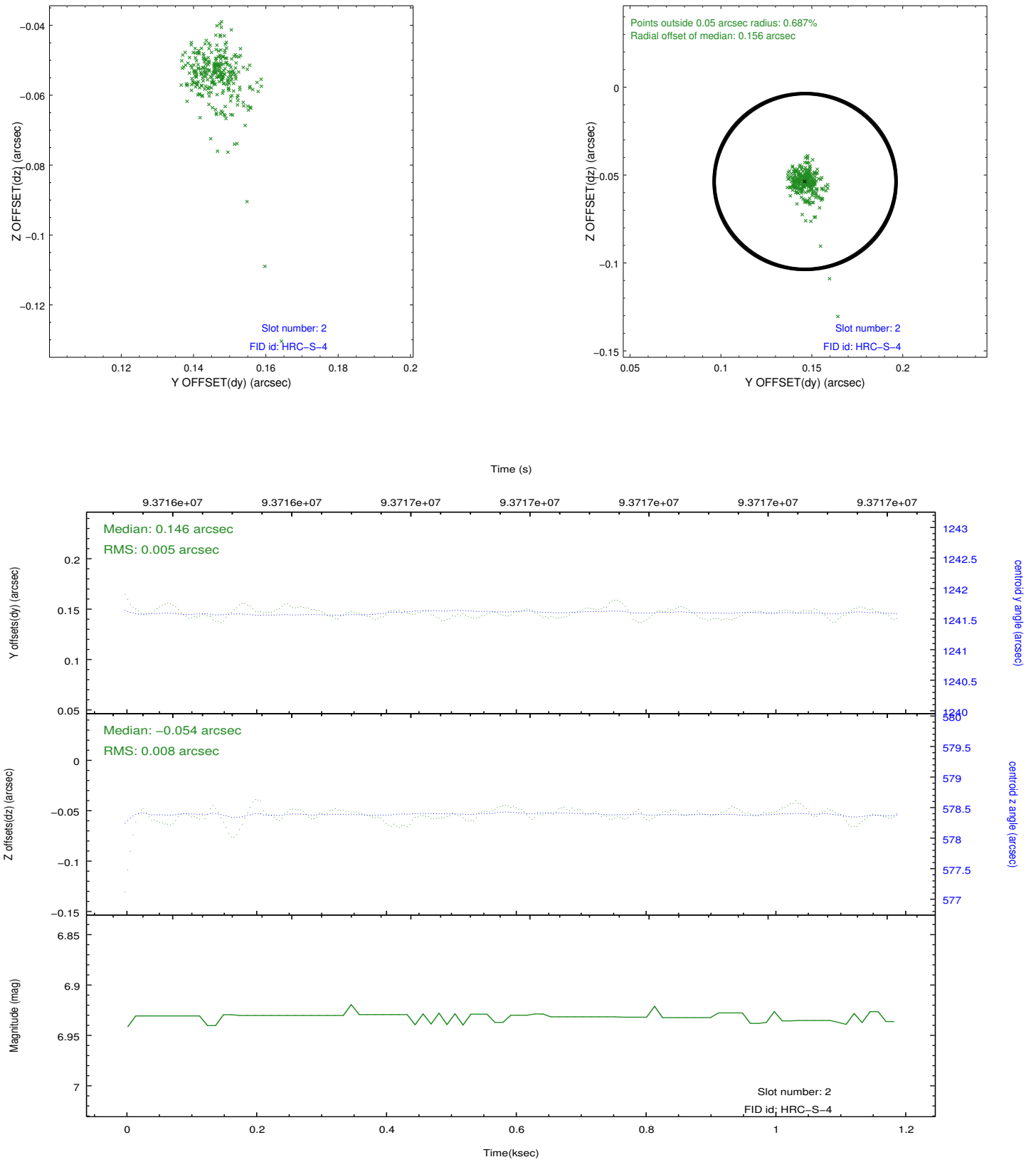
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.18

A.2 Comments

Charge time for this ObsId remains at previous value of 1.18 ks although with the current processing the charge time would have been 1.14 ksec.