

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 284 - L2 Version 6
Chandra X-Ray Center

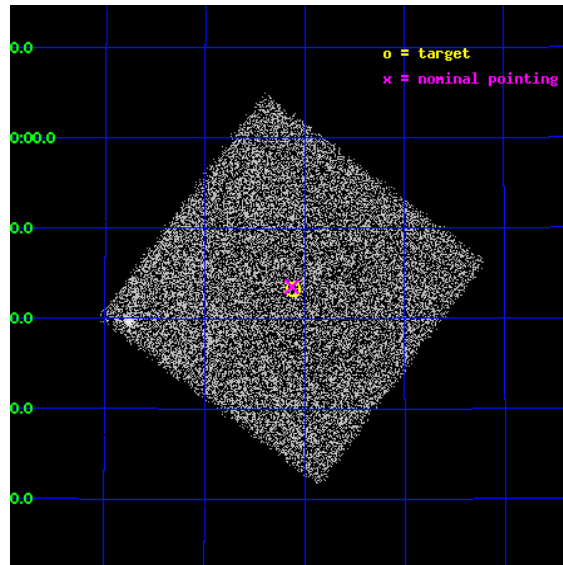
L2 Processing Date : Aug 28 2012

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

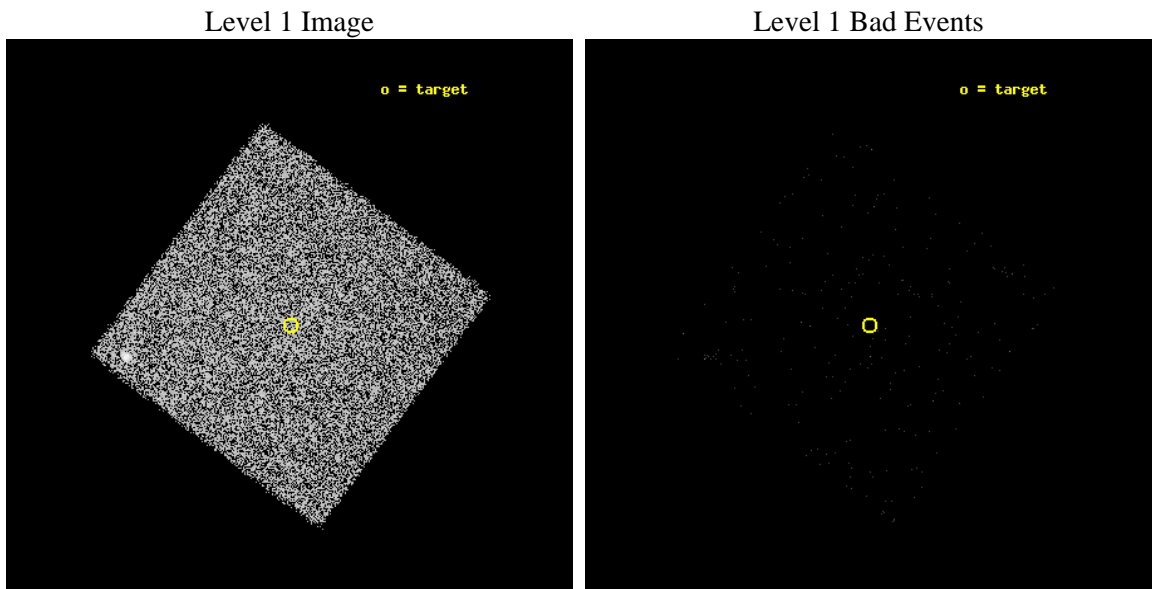
seq_num	600044	Sequence number
obs_id	284	Observation id
title	MONITORING M31	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	M31 - North 1	Source name
ra_targ	11.029167	Observer's specified target RA [deg]
dec_targ	41.721111	Observer's specified target Dec [deg]
ra_nom	11.031905964838	Nominal RA [deg]
dec_nom	41.725575237591	Nominal Dec [deg]
roll_nom	81.915365800732	Nominal Roll [deg]
revision	6	Processing version of data
ontime	1218.9812948406	[s]
livetime	1213.1956371104	Ontime multiplied by DTCOR
l2events	28694	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	1218.9812948406	[s]
caldbver	4.5.1.1	 	l1events	54339	Number of level 1 events
date	2012-08-28T04:51:24	Date and time of file creation			
revision	6	Processing version of data			

2.1.3 Events

Level 1 Events

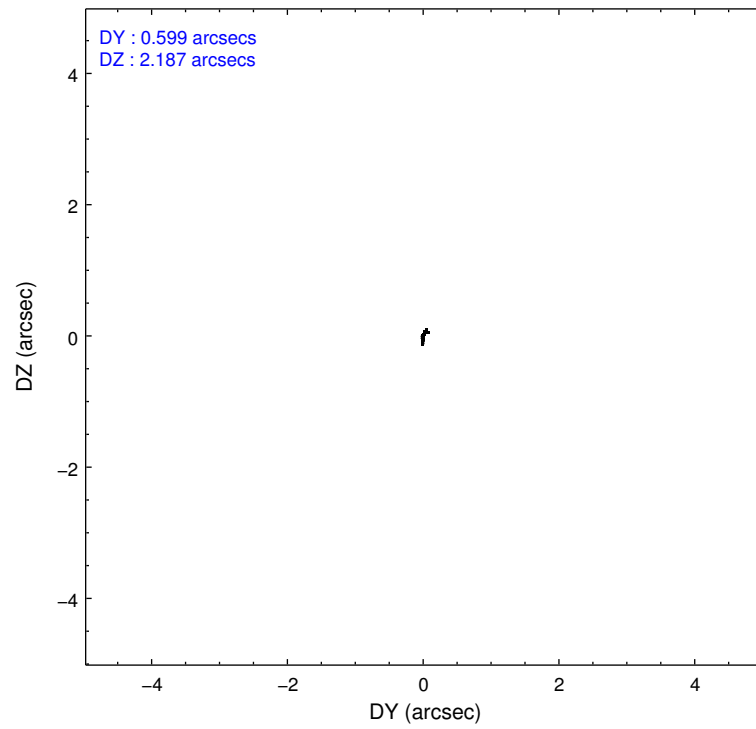
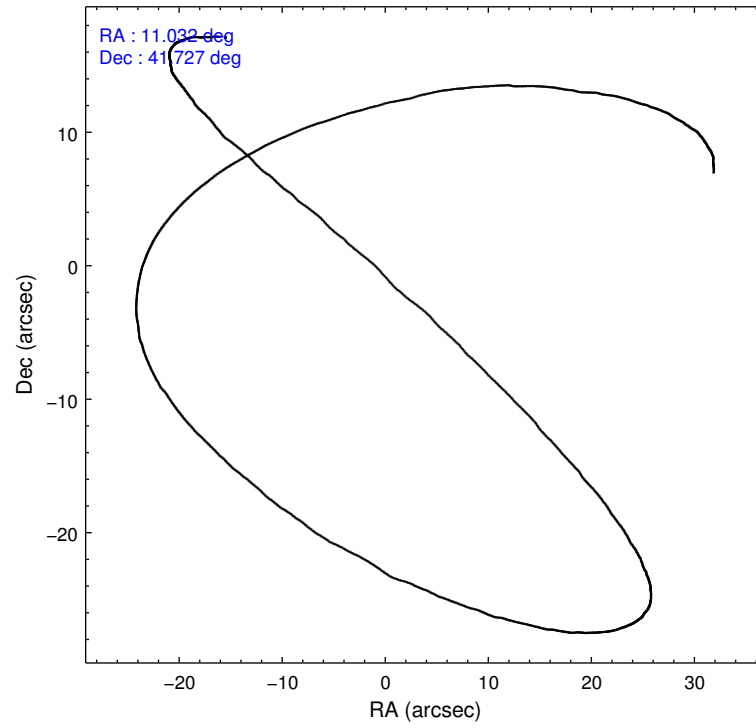
	segment 0
level 1 events	54339
rejected events	10836
rejected %	19%

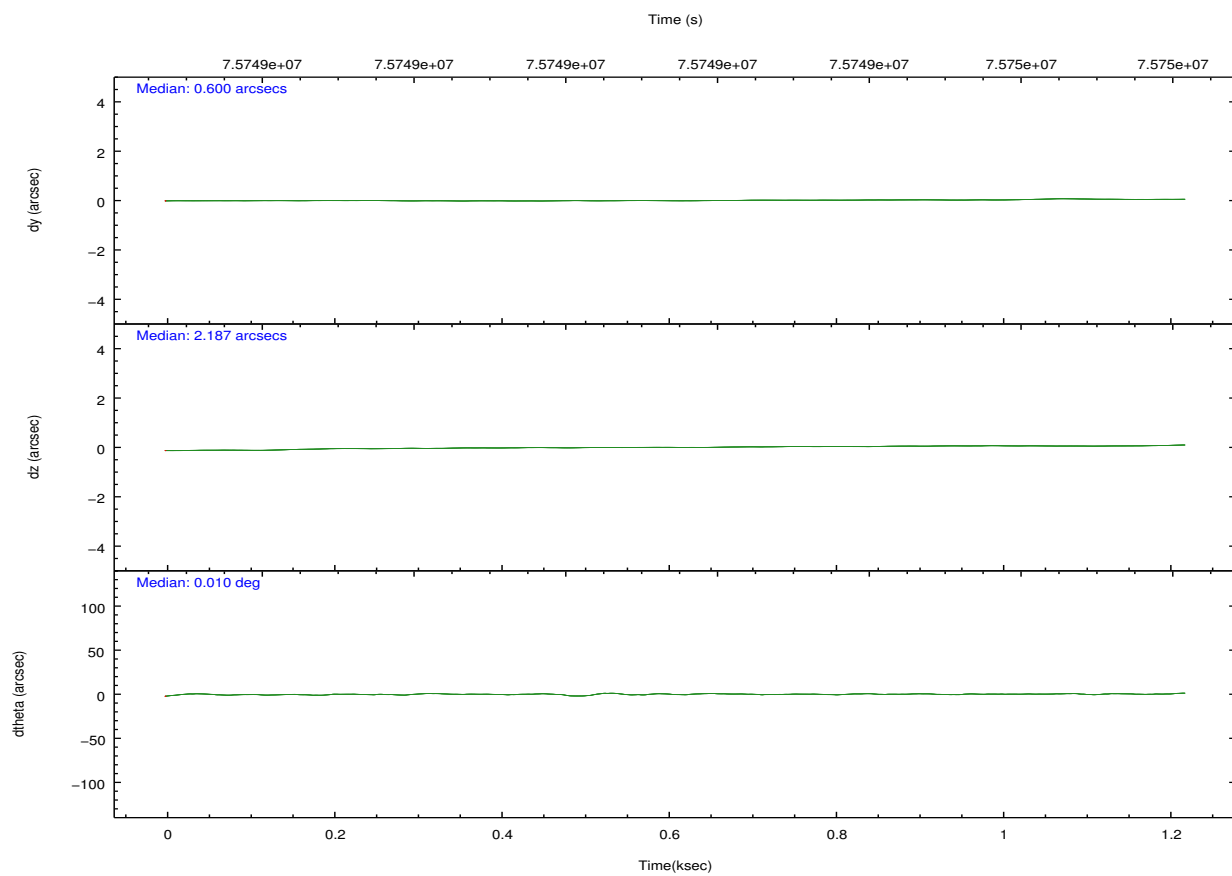
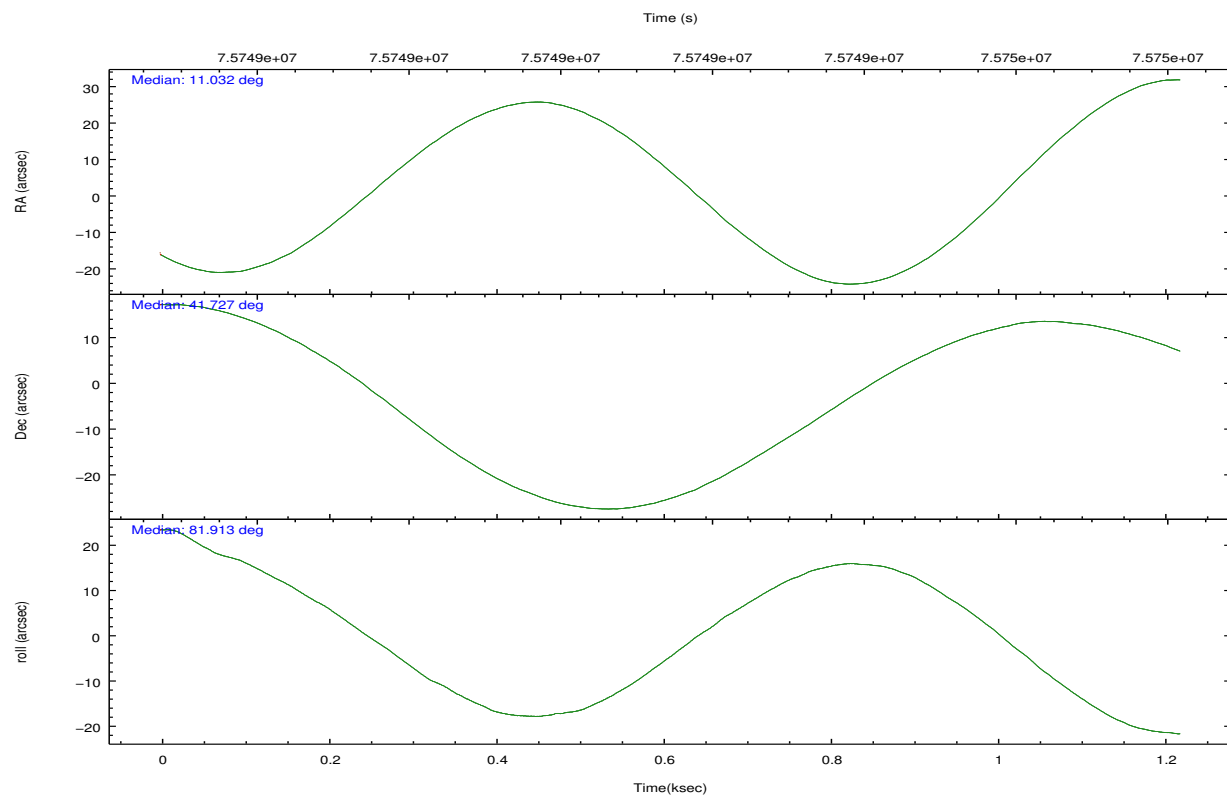
2.2 Compared Parameters

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	11.046354	11.03190596483837
[deg] Pointing Dec	41.699781	41.72557523759092
[deg] Pointing Roll	82.001226	81.91536580073222
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9829799899862
[mm] SIM translation stage offset	0	0.002508901615314585
[s] Observation start time (MET)	75748754.184000	75748358.439961
Observation start date	2000-05-26T17:18:10	2000-05-26T17:12:38
[s] Observation end time (MET)	75749754.184000	75749888.252517
Observation end date	2000-05-26T17:34:50	2000-05-26T17:38:08

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

2.3 Aspect



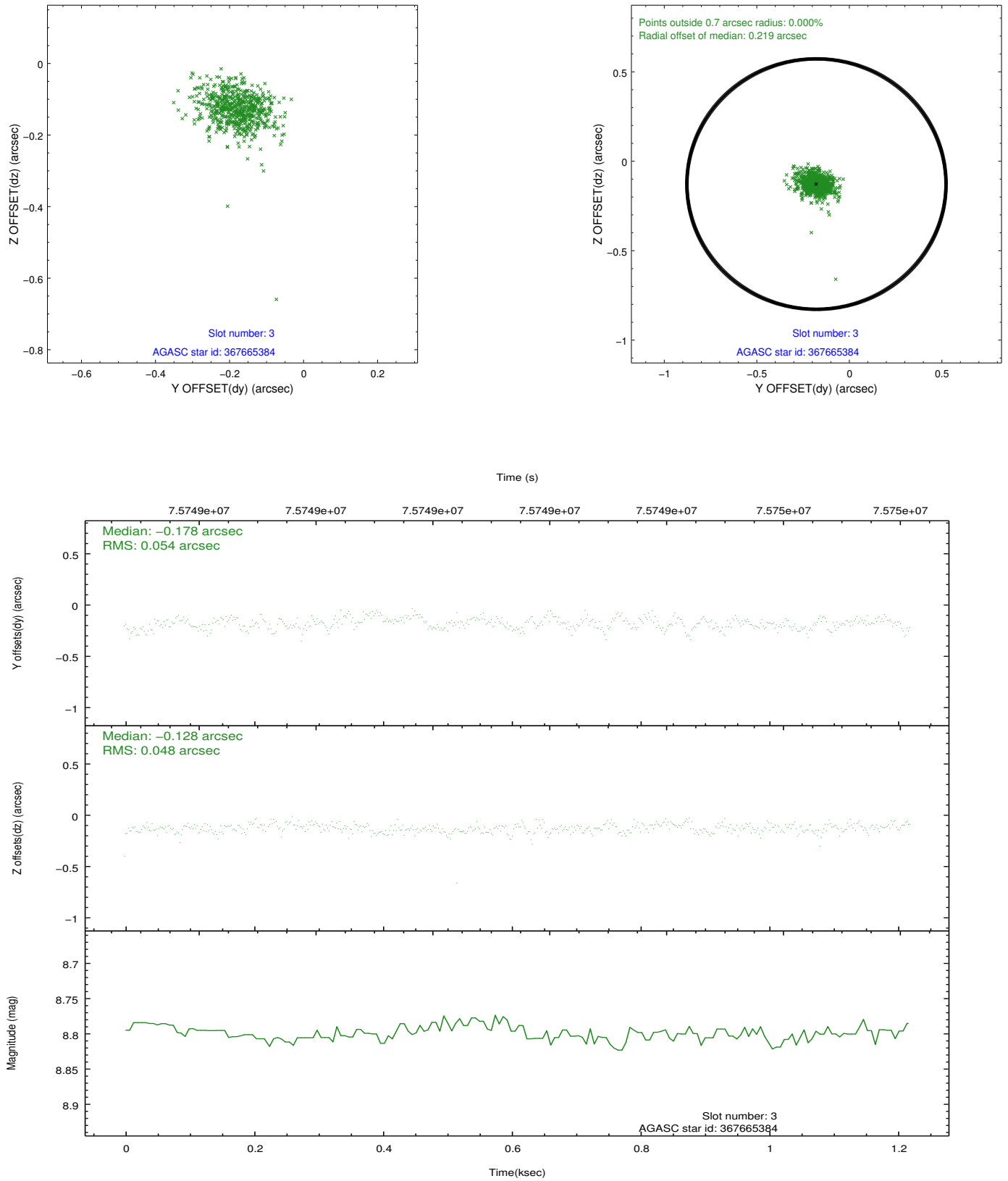


Slot Statistics

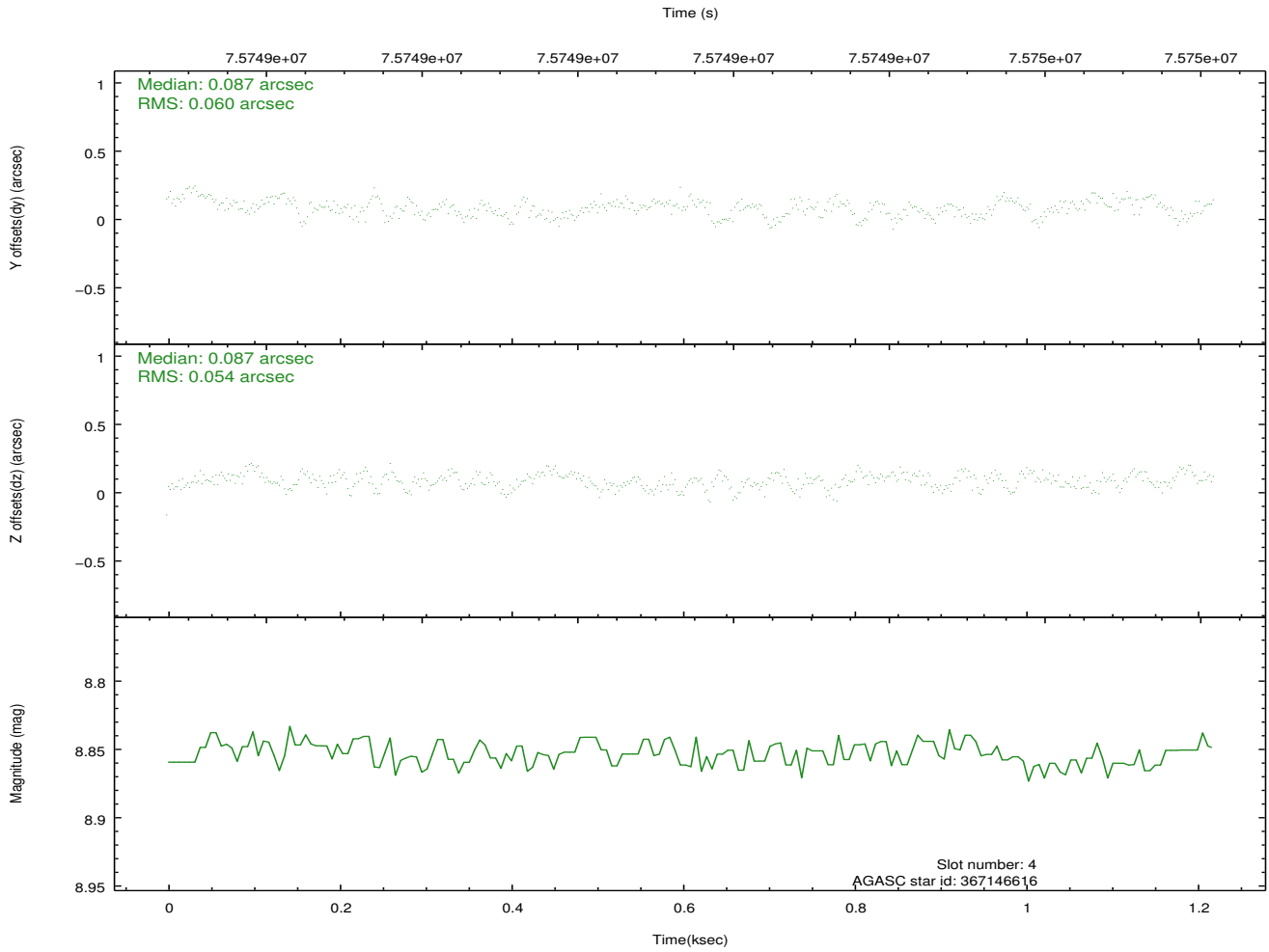
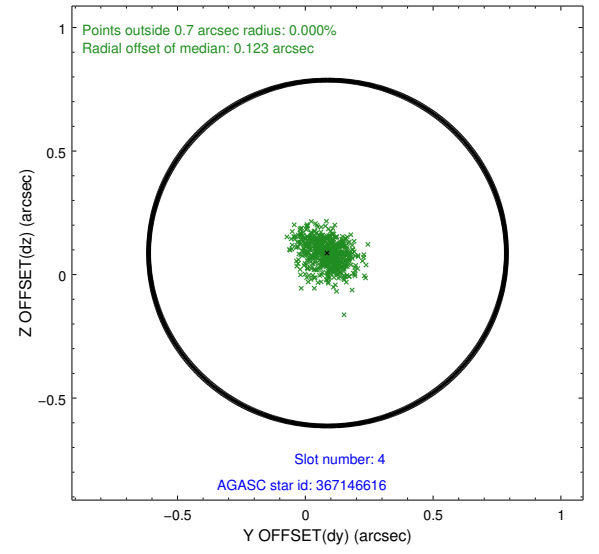
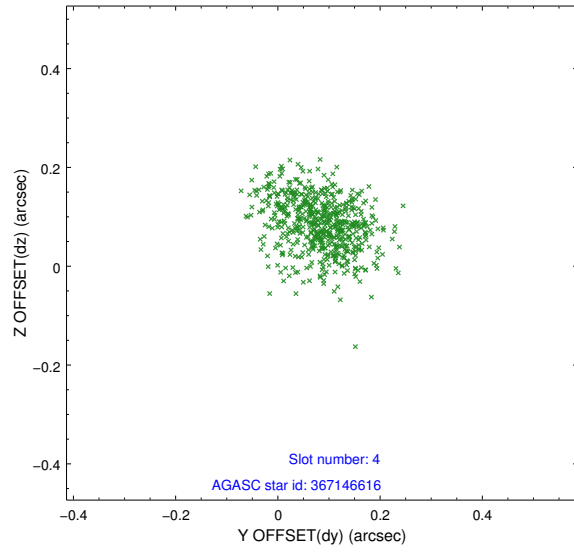
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	298	0.059	-0.026	0.006	0.011	0.000000	0.000000	-755.99	-1289.90
1	FID	HRC-I-3	7.05	298	0.023	-0.014	0.006	0.011	0.000000	0.000000	-1187.00	1010.36
2	FID	HRC-I-4	7.00	298	0.033	-0.051	0.006	0.010	0.000000	0.000000	1282.84	1015.59
3	GUIDE	367665384	8.80	595	-0.178	-0.128	0.071	0.125	10.414363	42.275730	1822.69	1955.32
4	GUIDE	367146616	8.85	596	0.087	0.087	0.085	0.140	11.418645	41.190163	-1673.32	-1251.66
5	GUIDE	367657896	9.02	596	0.074	0.109	0.077	0.123	11.197765	41.313576	-1324.42	-602.07
6	GUIDE	367658664	9.61	594	0.120	-0.122	0.109	0.176	10.374070	41.369746	-1426.69	1631.87
7	GUIDE	367660528	9.55	595	-0.098	0.064	0.136	0.205	11.676845	42.311657	2416.42	-1353.11

2.4 Star Slots

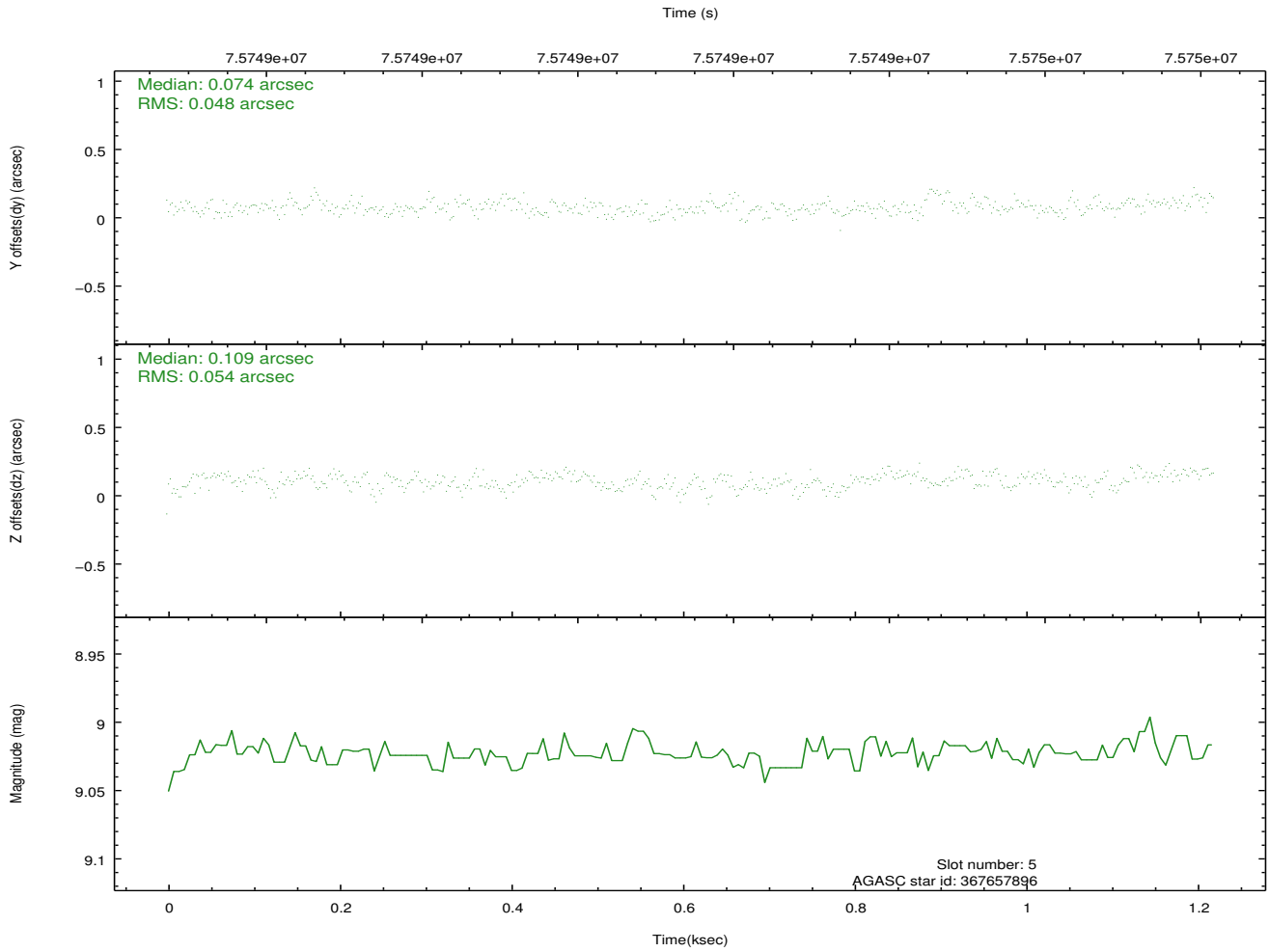
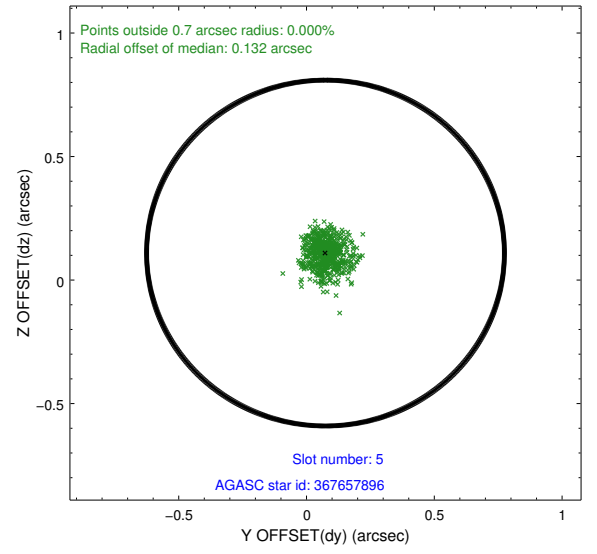
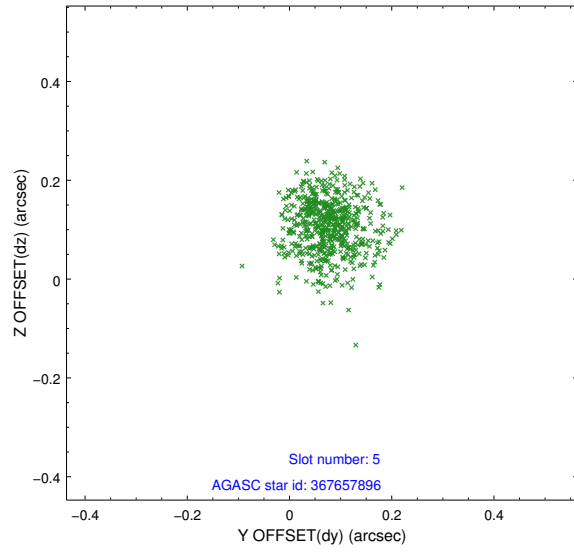
2.4.1 Slot 3



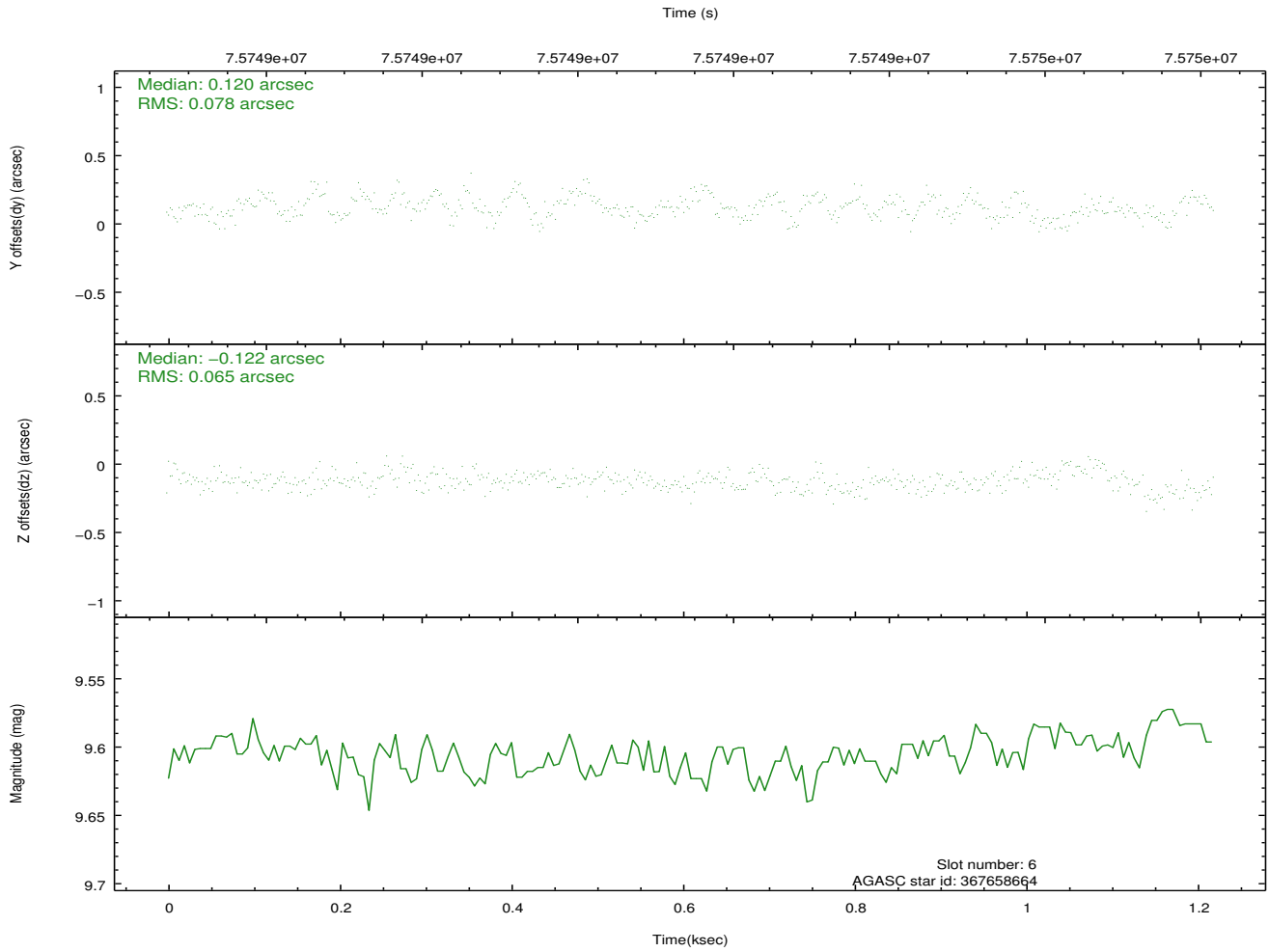
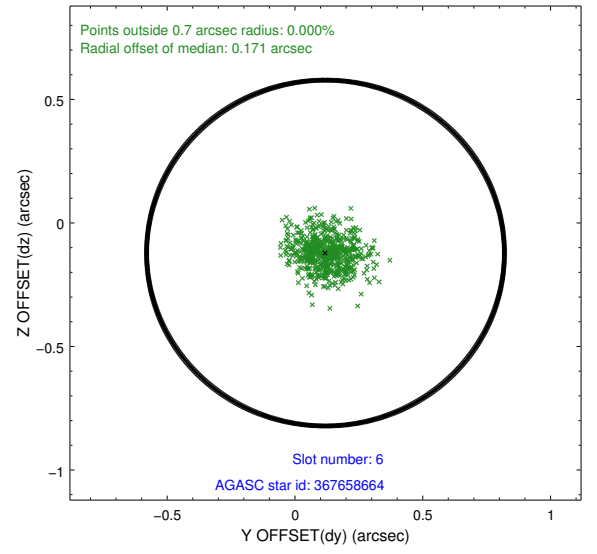
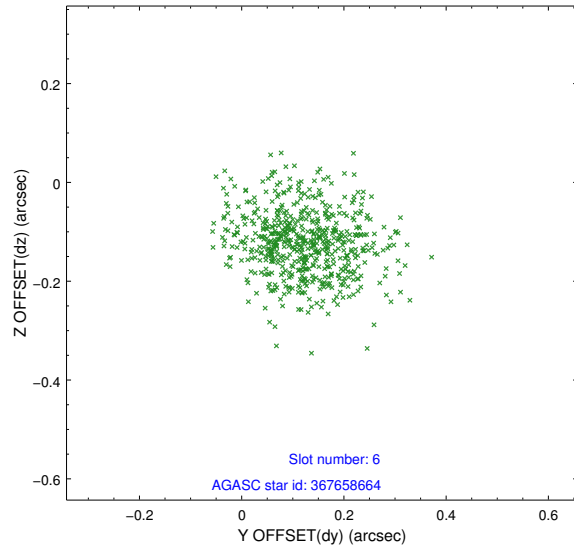
2.4.2 Slot 4



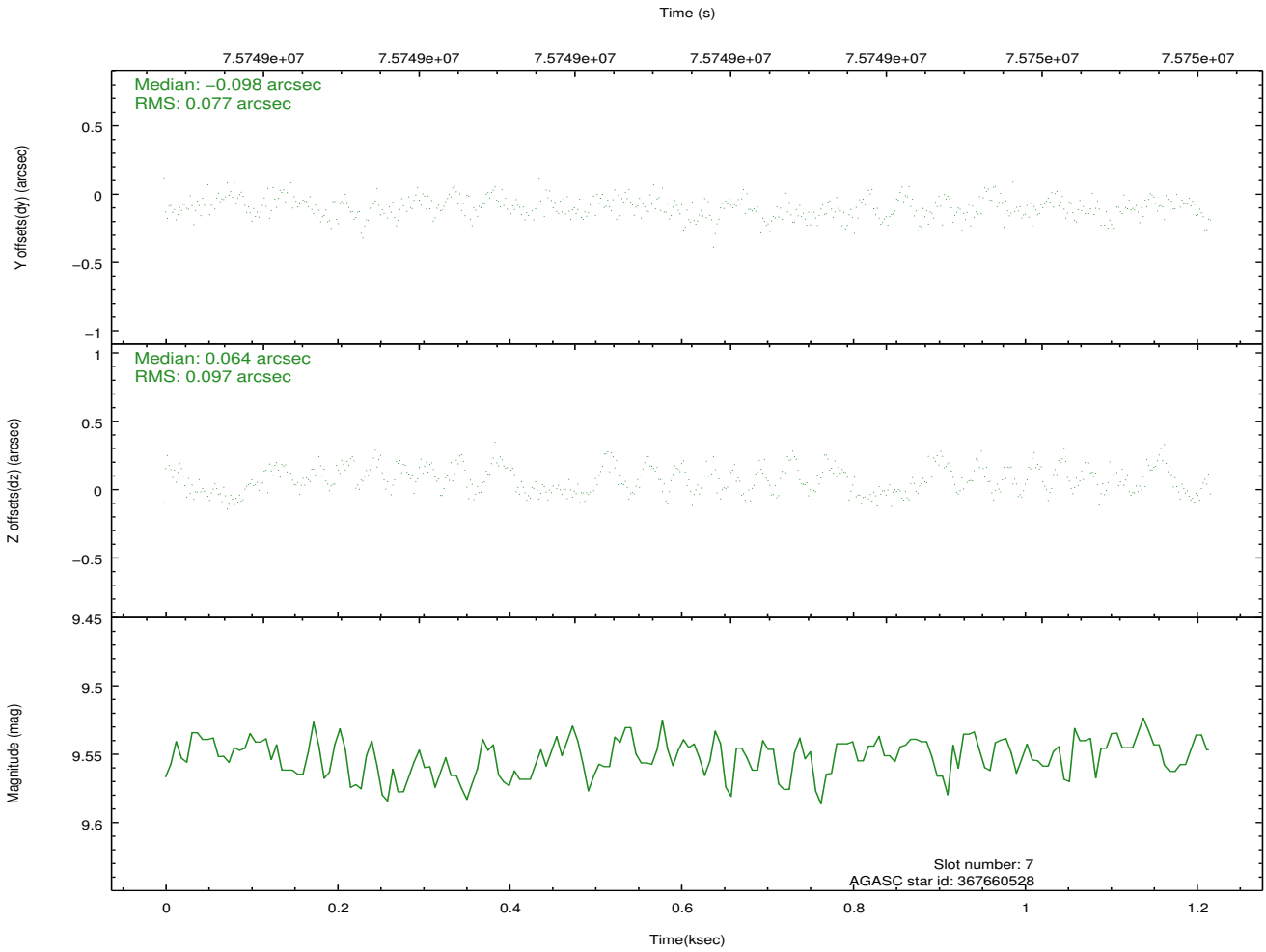
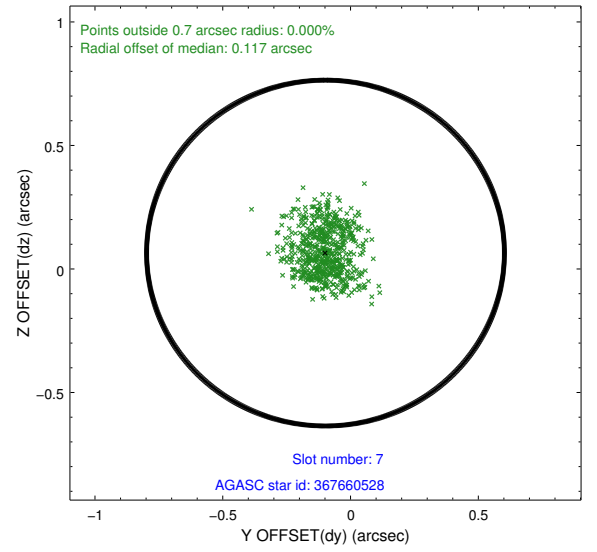
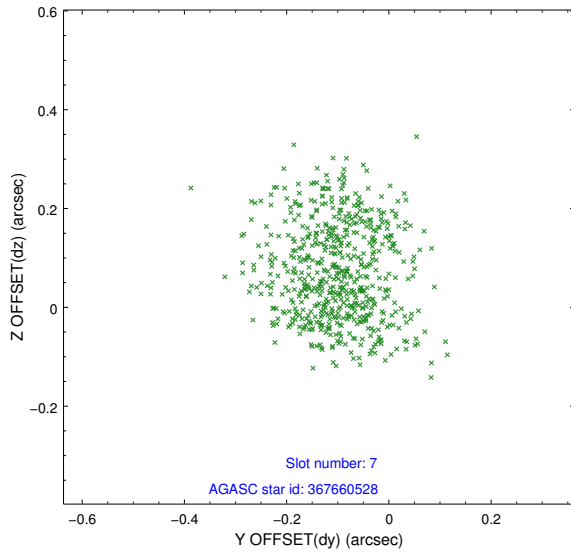
2.4.3 Slot 5



2.4.4 Slot 6

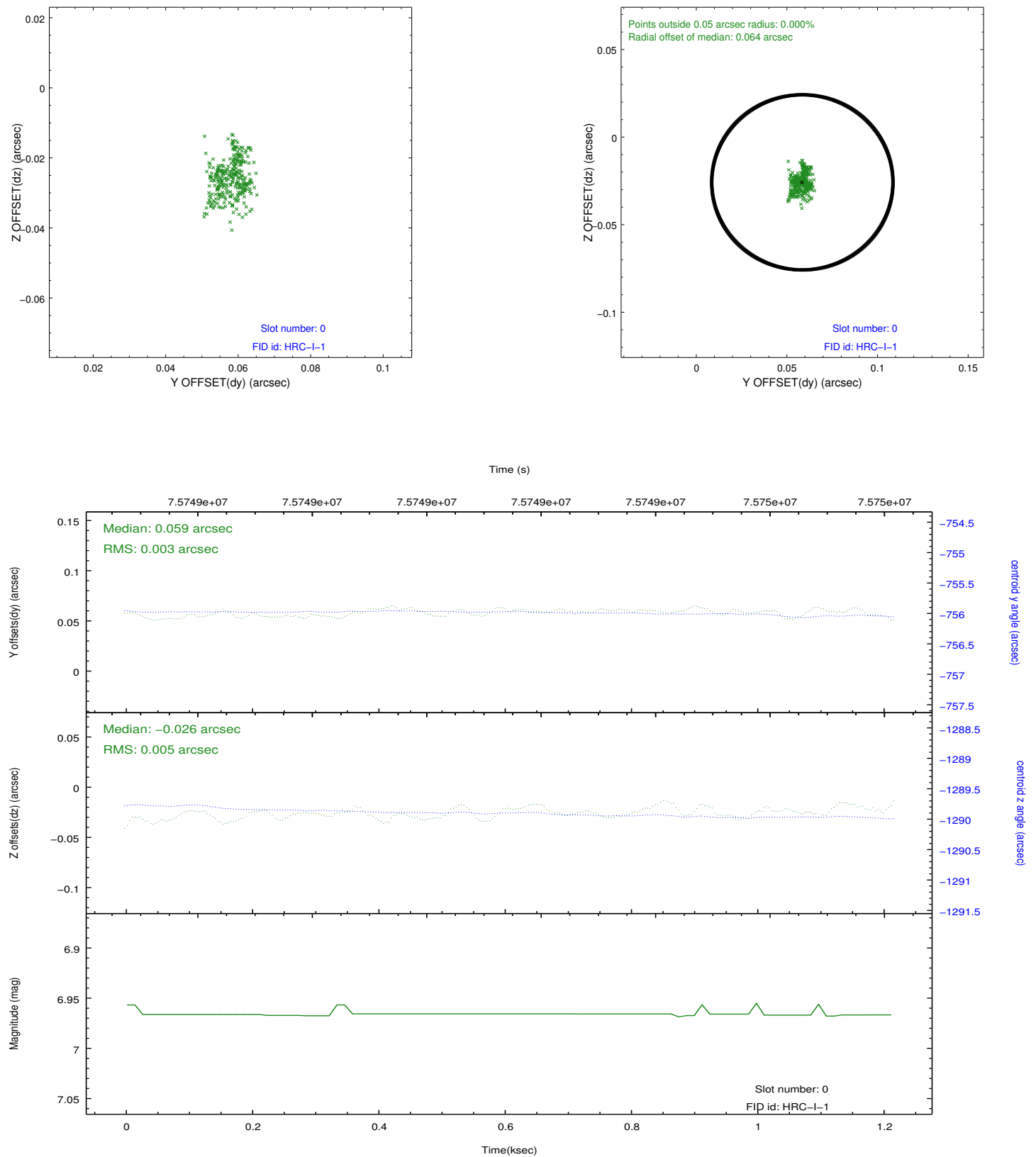


2.4.5 Slot 7

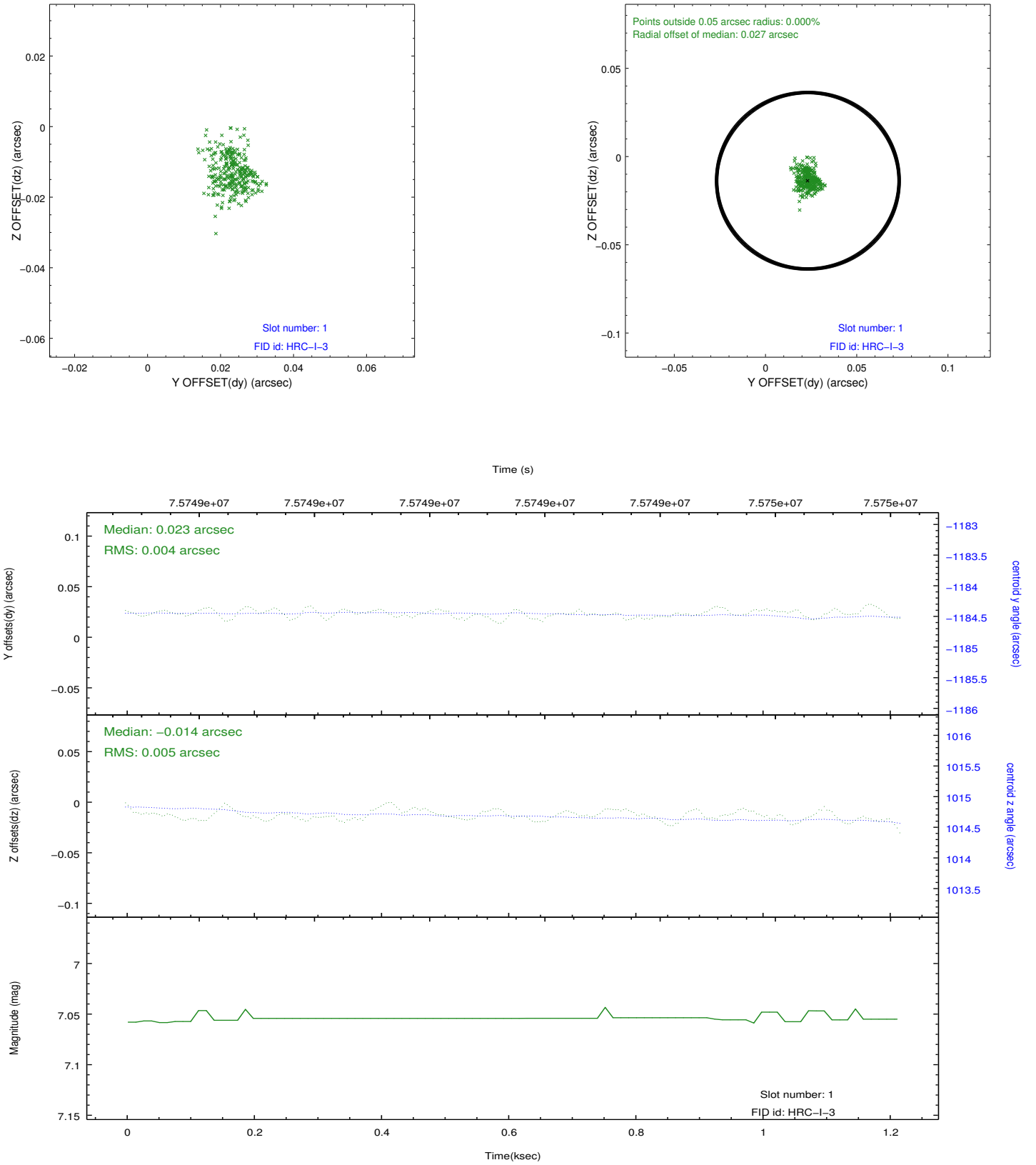


2.5 FID Slots

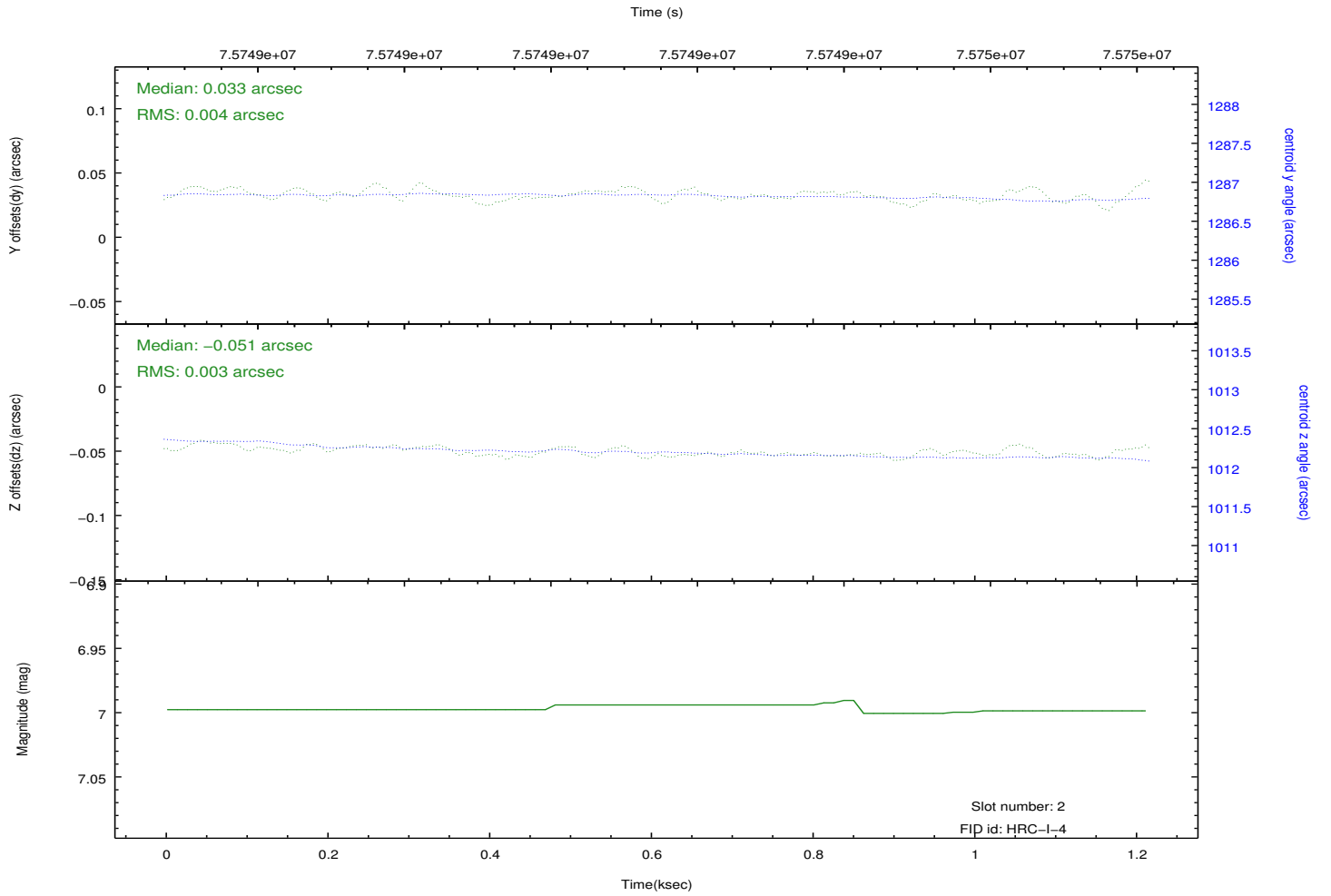
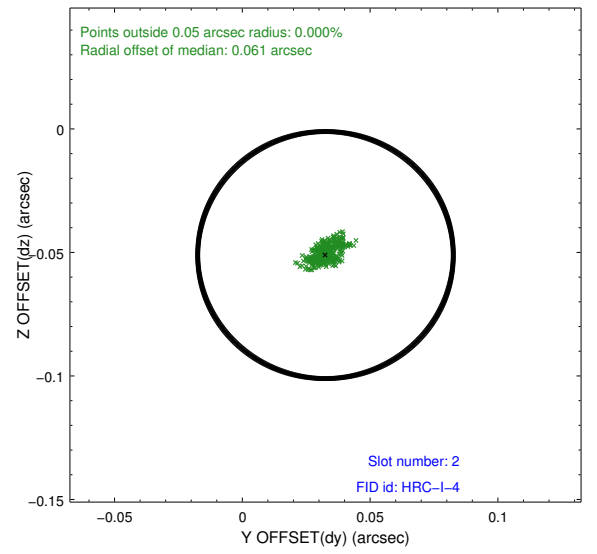
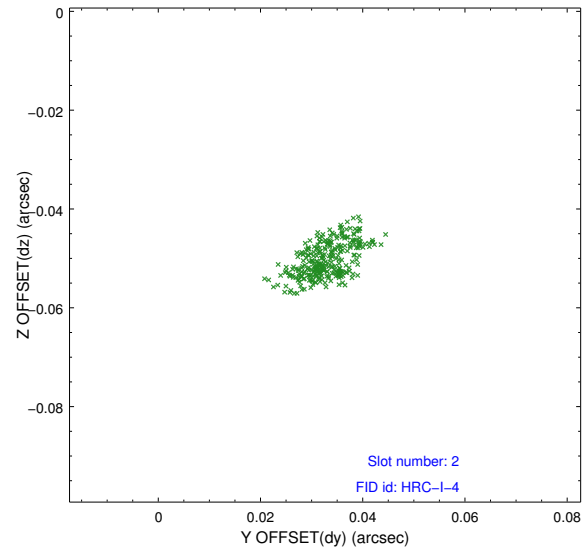
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.219

A.2 Comments