

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6548 - L2 Version 4
Chandra X-Ray Center

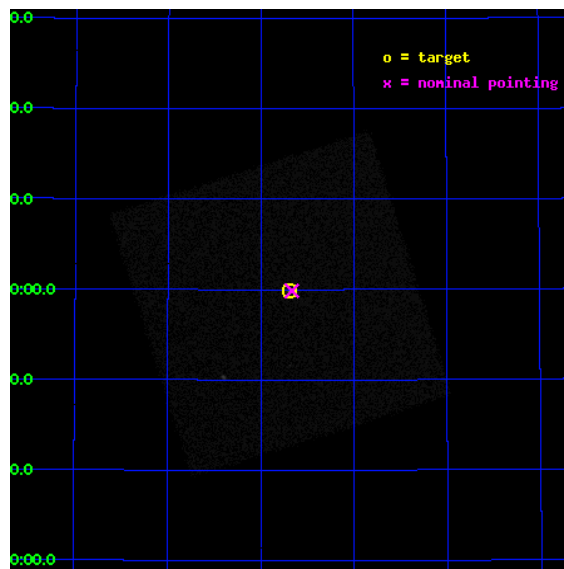
L2 Processing Date : Aug 10 2012

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

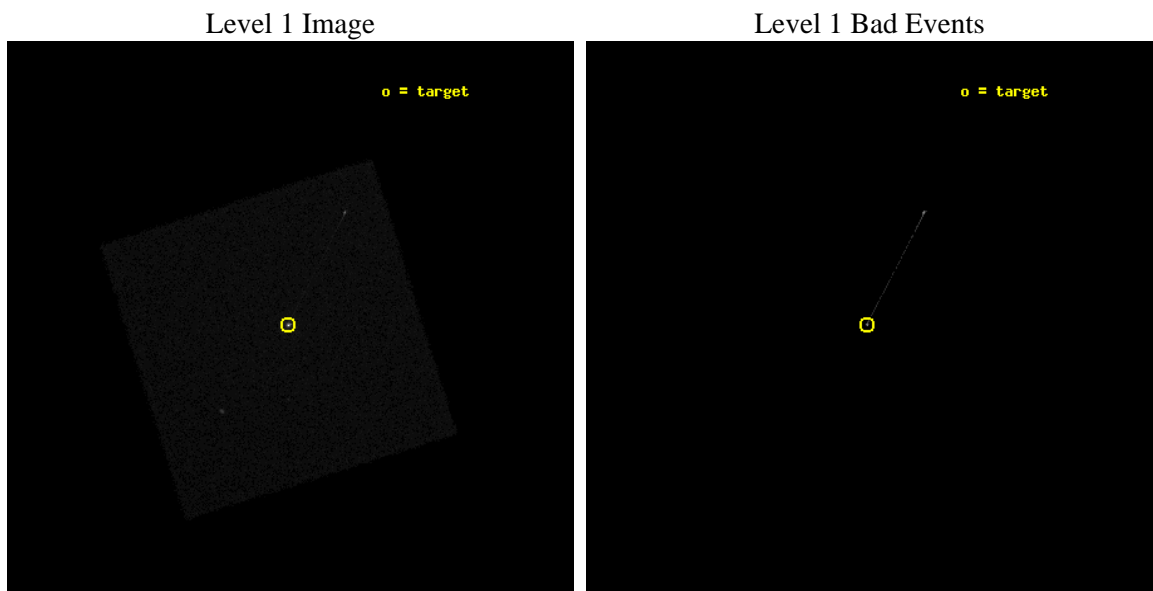
seq_num	290641	Sequence number
obs_id	6548	Observation id
title	Improving the De-Gap Corrections for the HRC-I	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Capella	Source name
ra_targ	79.1725	Observer's specified target RA [deg]
dec_targ	45.998	Observer's specified target Dec [deg]
ra_nom	79.166554768266	Nominal RA [deg]
dec_nom	45.997843204552	Nominal Dec [deg]
roll_nom	207.56849012545	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5183.6814899743	[s]
livetime	5137.1246028237	Ontime multiplied by DTCOR
l2events	319898	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5183.6814899743	[s]
caldbver	4.5.1.1	 	l1events	452457	Number of level 1 events
date	2012-08-10T20:41:43	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

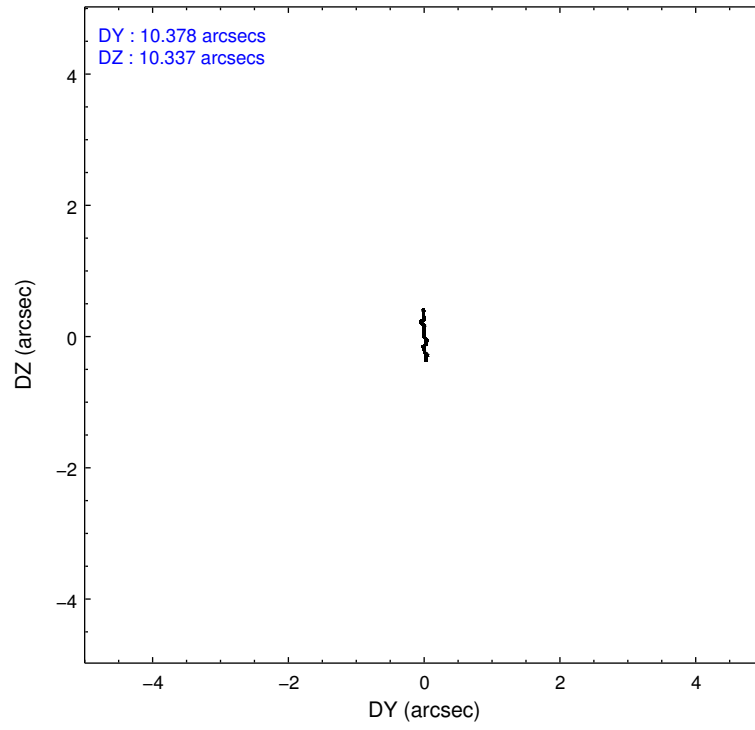
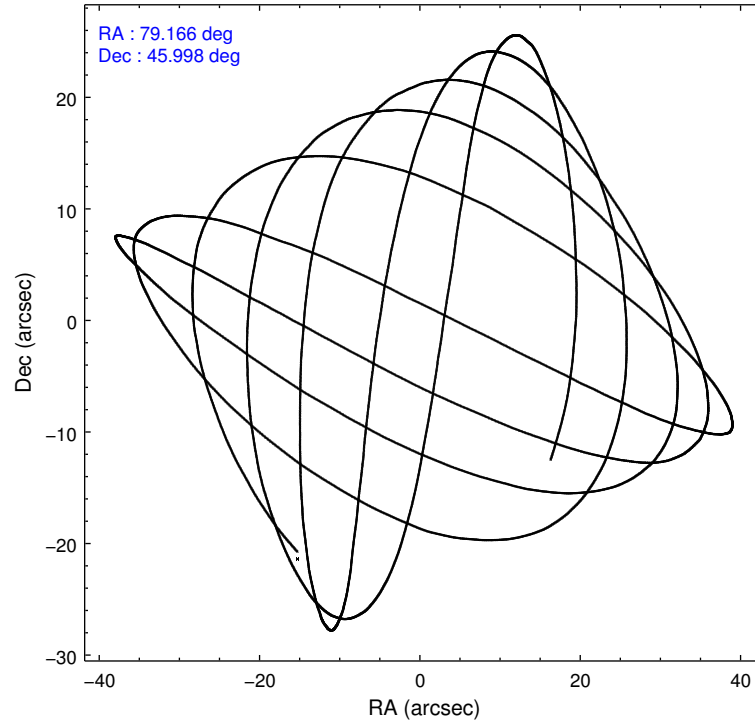
	segment 0
level 1 events	452457
rejected events	26777
rejected %	5%

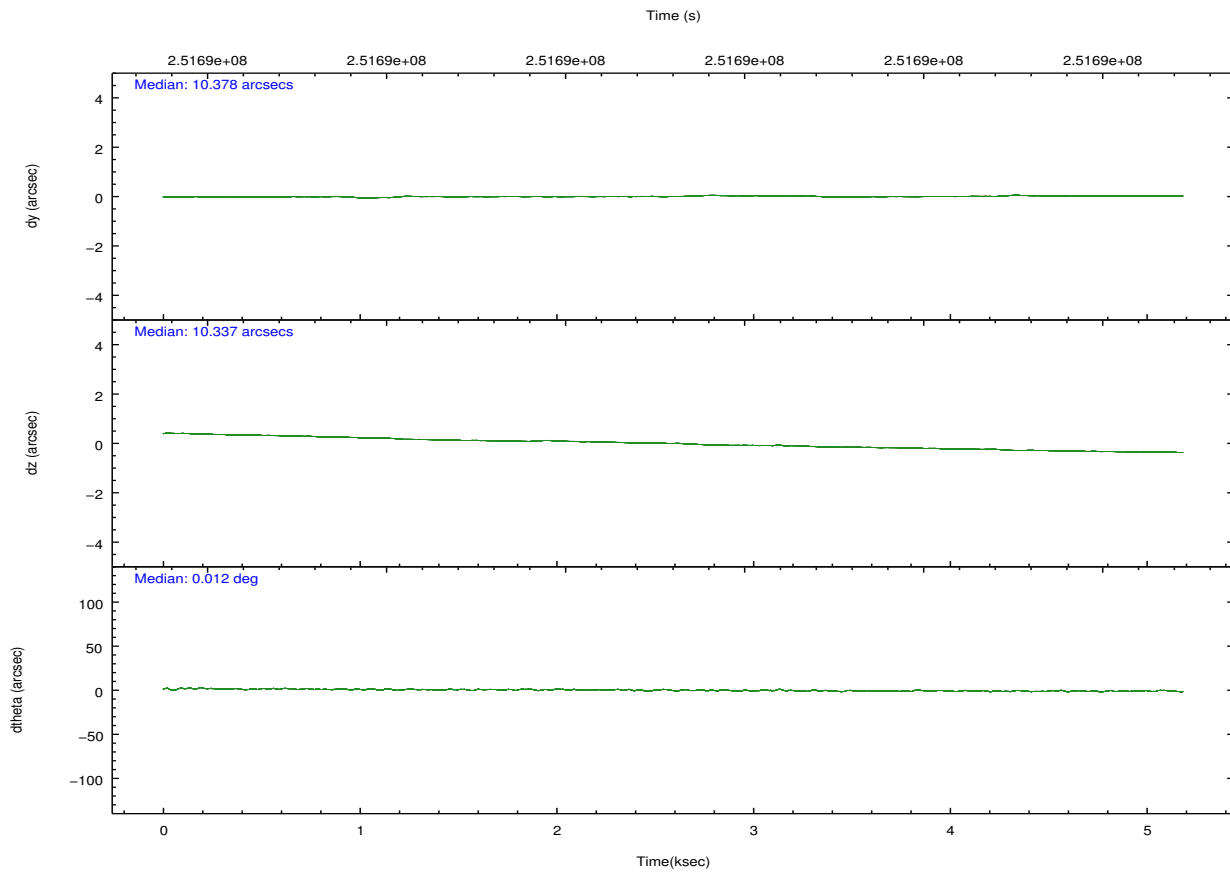
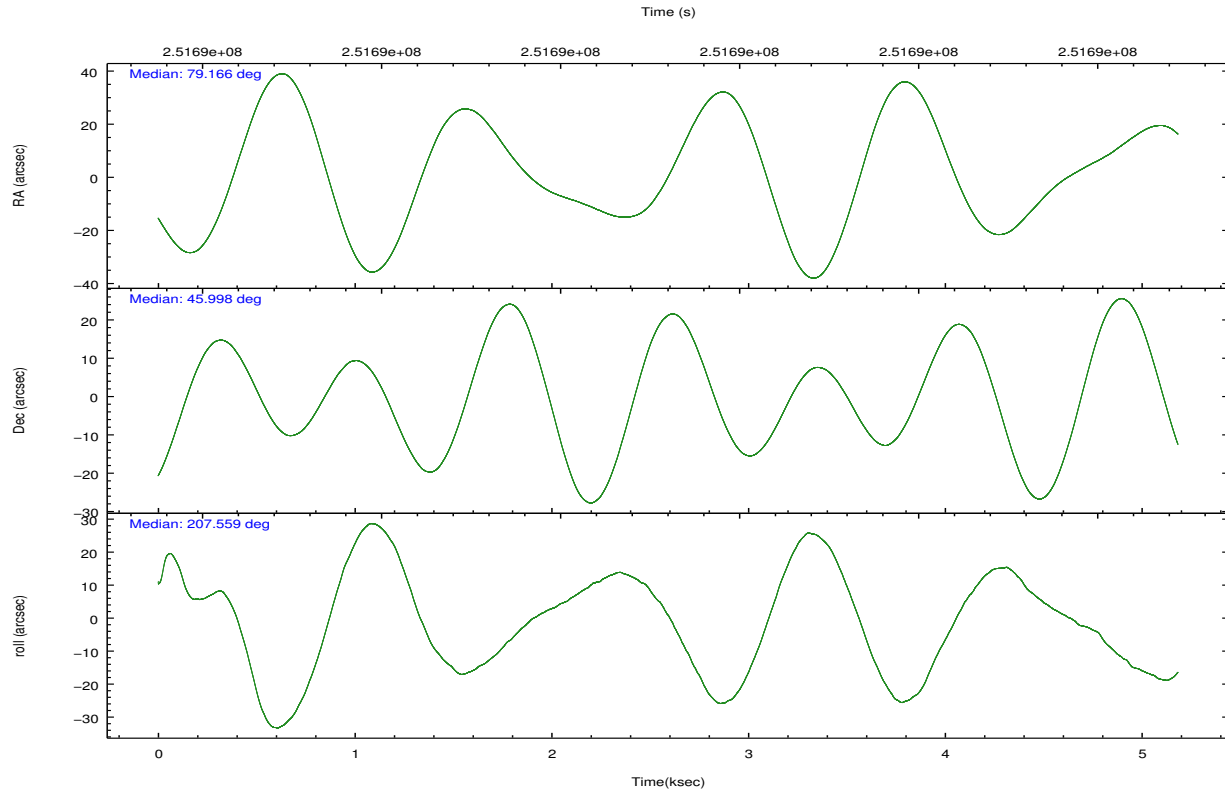
2.2 Compared Parameters

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	79.186695	79.16655476826611
[deg] Pointing Dec	46.020853	45.99784320455159
[deg] Pointing Roll	207.649480	207.5684901254529
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	120.985494	120.9913666263688
[mm] SIM translation stage offset	6	5.994122265232804
[s] Observation start time (MET)	251687191.184000	251686814.50511
Observation start date	2005-12-23T01:05:27	2005-12-23T01:00:14
[s] Observation end time (MET)	251692191.184000	251692324.90537
Observation end date	2005-12-23T02:28:47	2005-12-23T02:32:04

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

2.3 Aspect



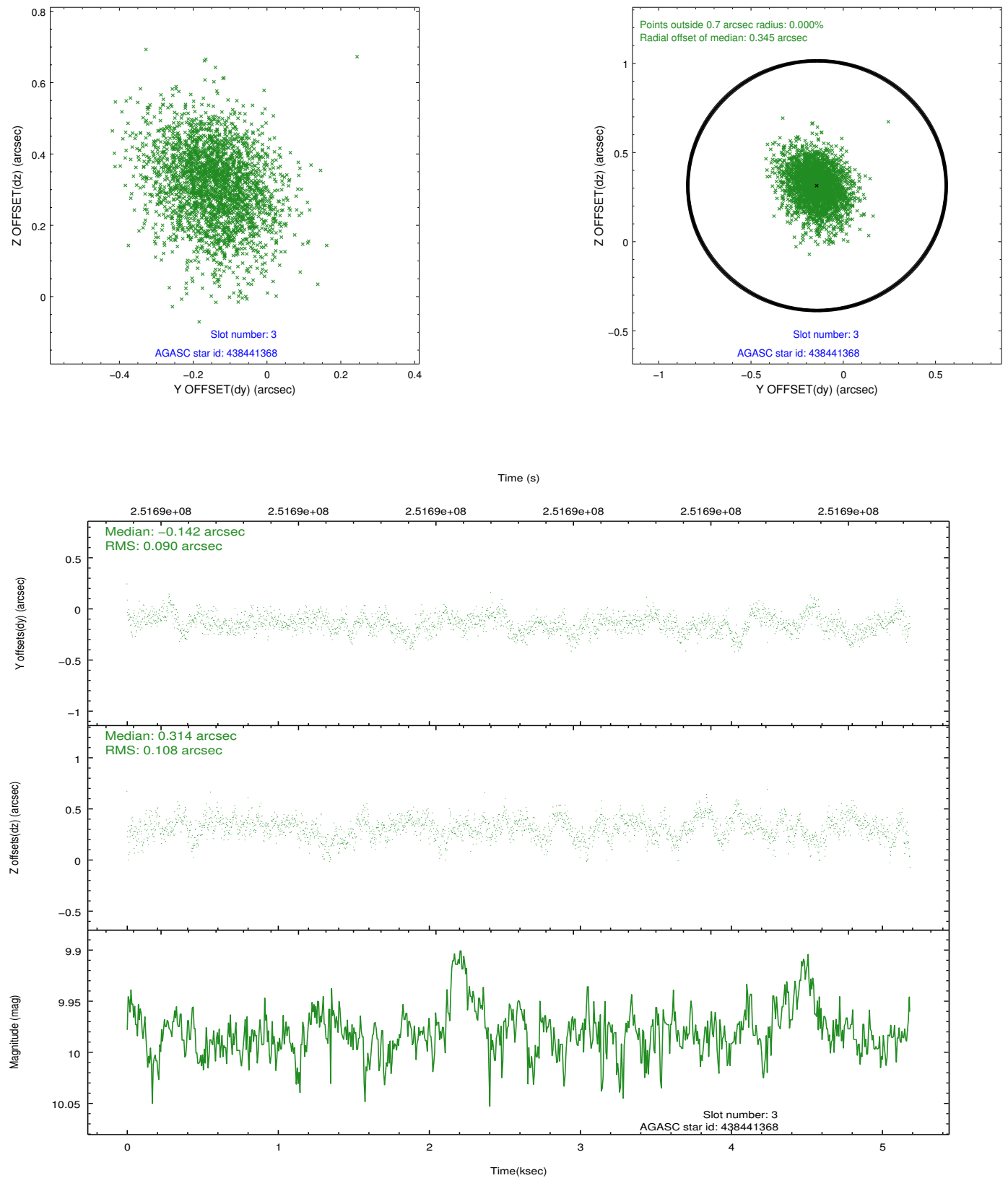


Slot Statistics

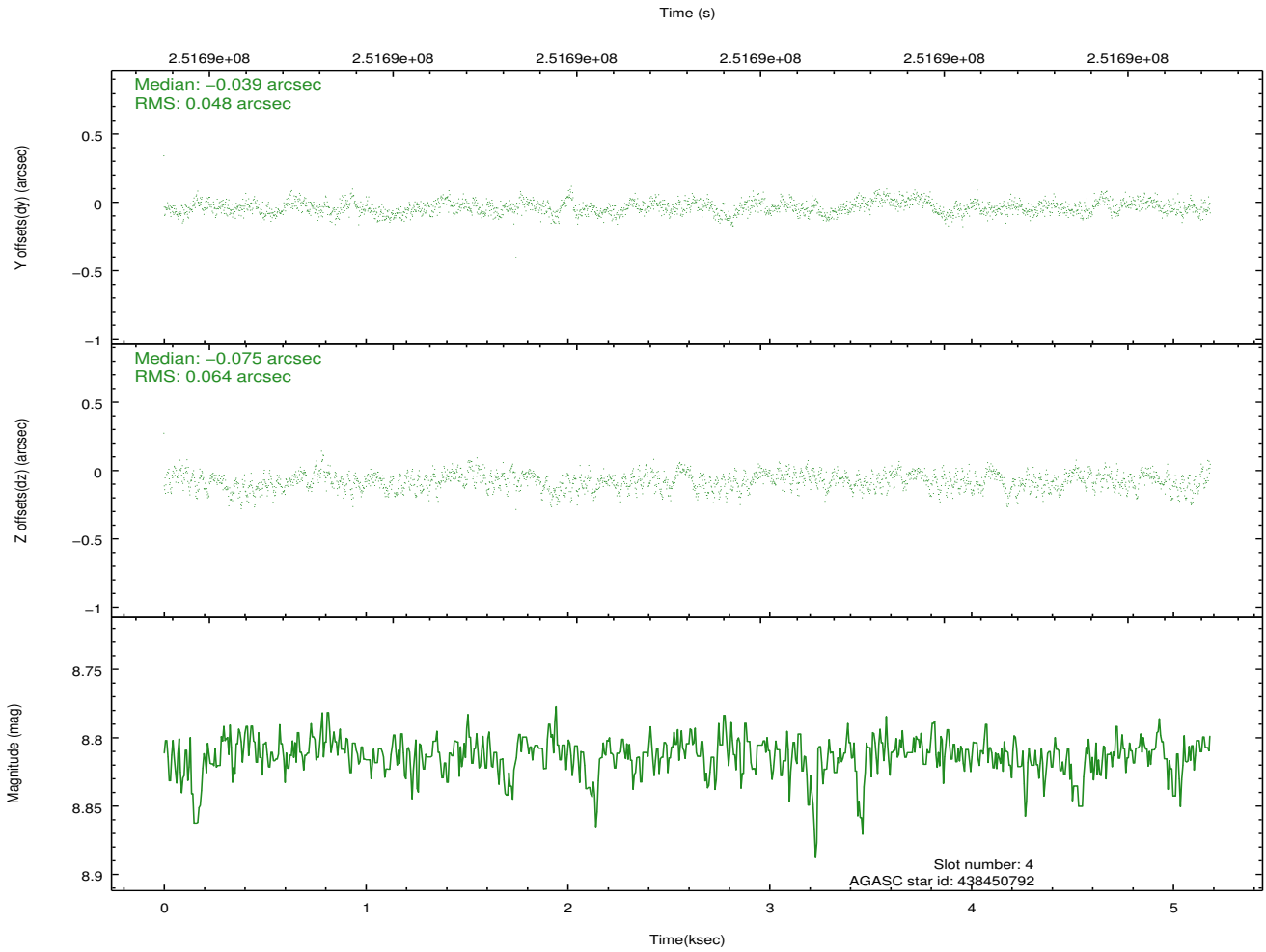
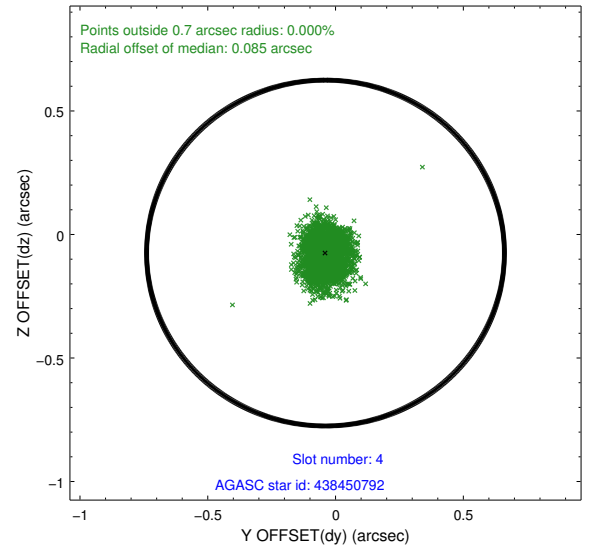
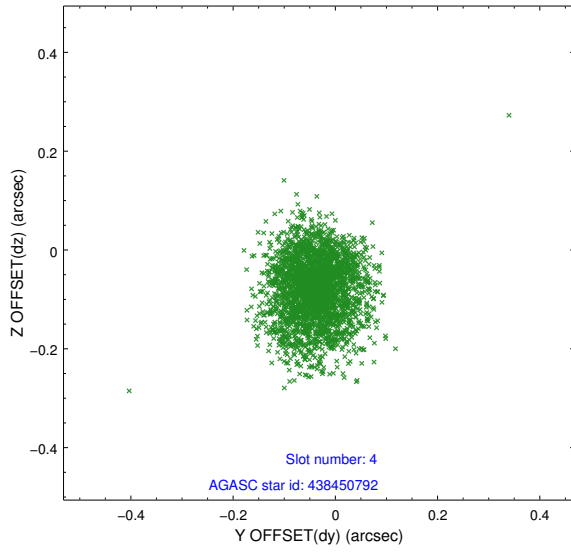
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	1265	-0.057	0.277	0.010	0.016	0.000000	0.000000	-765.95	-1175.42
1	FID	HRC-I-2	7.05	1265	0.165	-0.127	0.013	0.020	0.000000	0.000000	845.95	-1177.76
2	FID	HRC-I-3	7.09	1265	0.011	-0.237	0.012	0.020	0.000000	0.000000	-1193.92	1128.37
3	GUIDE	438441368	9.98	2515	-0.142	0.314	0.148	0.250	78.646413	46.420494	518.91	-1899.28
4	GUIDE	438450792	8.81	2528	-0.039	-0.075	0.086	0.137	78.654240	46.382628	566.28	-1770.18
5	GUIDE	440150048	7.15	2524	0.012	-0.115	0.073	0.117	79.112838	46.416060	-496.71	-1345.41
6	GUIDE	440164960	8.31	2529	0.128	-0.026	0.084	0.135	79.132526	46.140947	-80.14	-445.00
7	GUIDE	440145016	9.55	2525	0.041	-0.088	0.118	0.196	80.238026	45.801940	-1979.04	1907.47

2.4 Star Slots

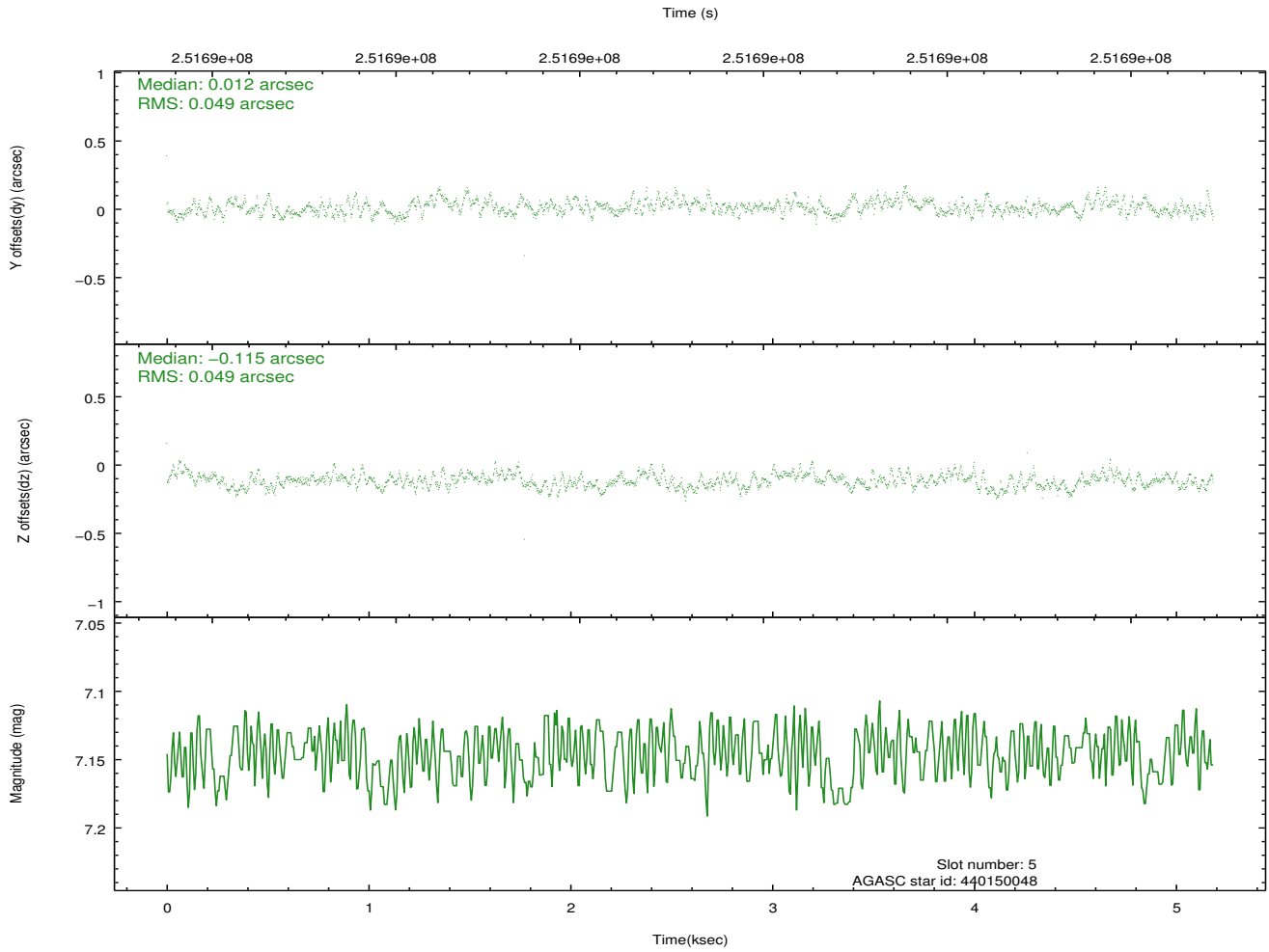
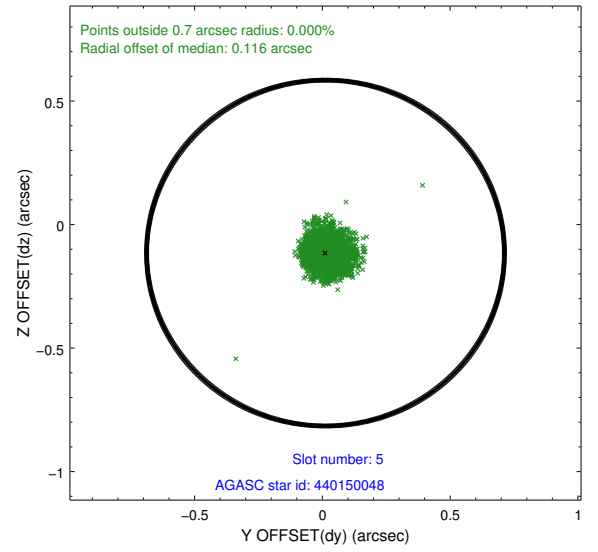
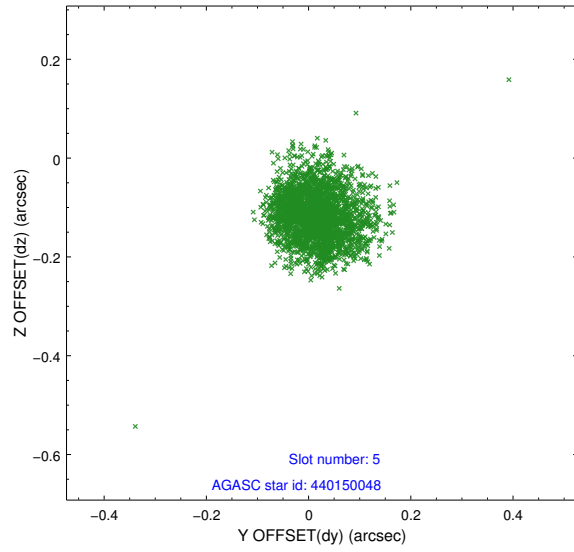
2.4.1 Slot 3



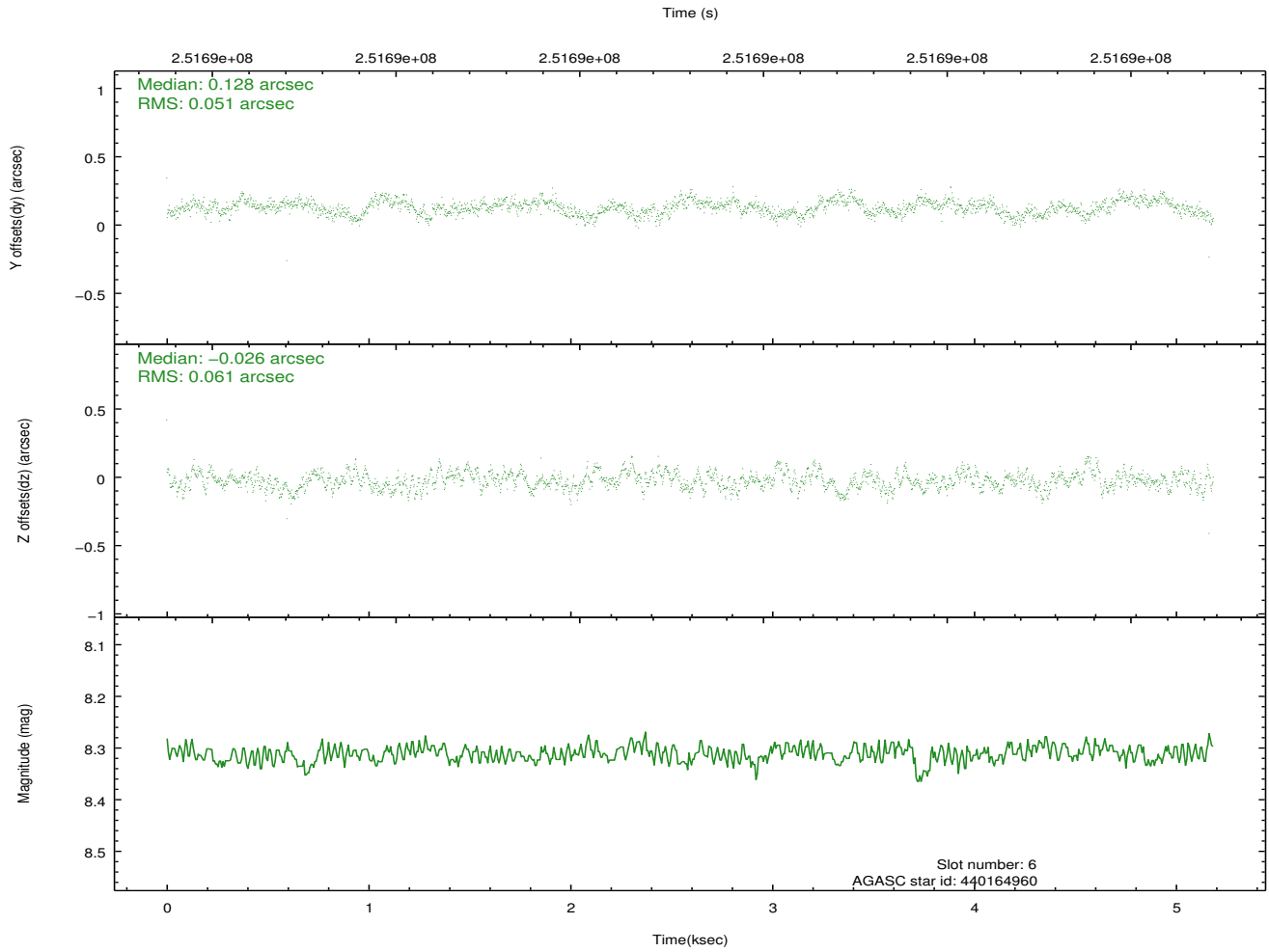
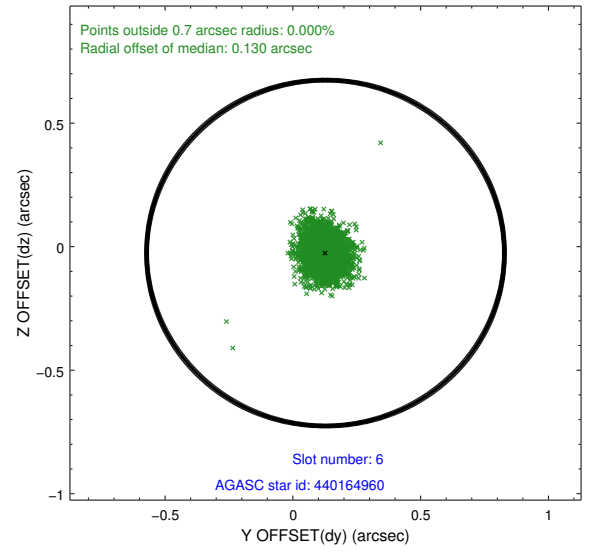
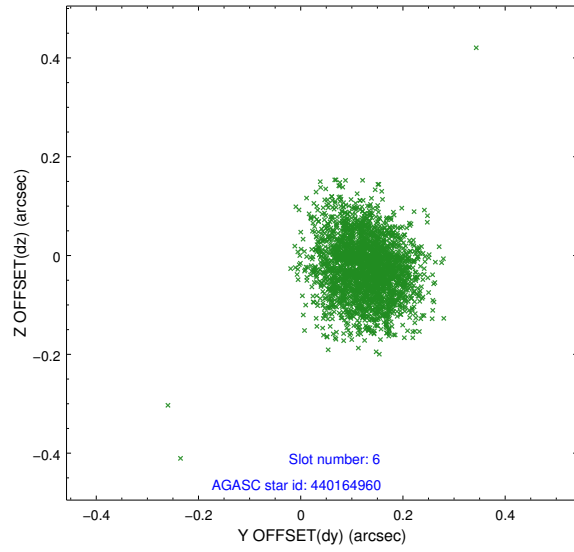
2.4.2 Slot 4



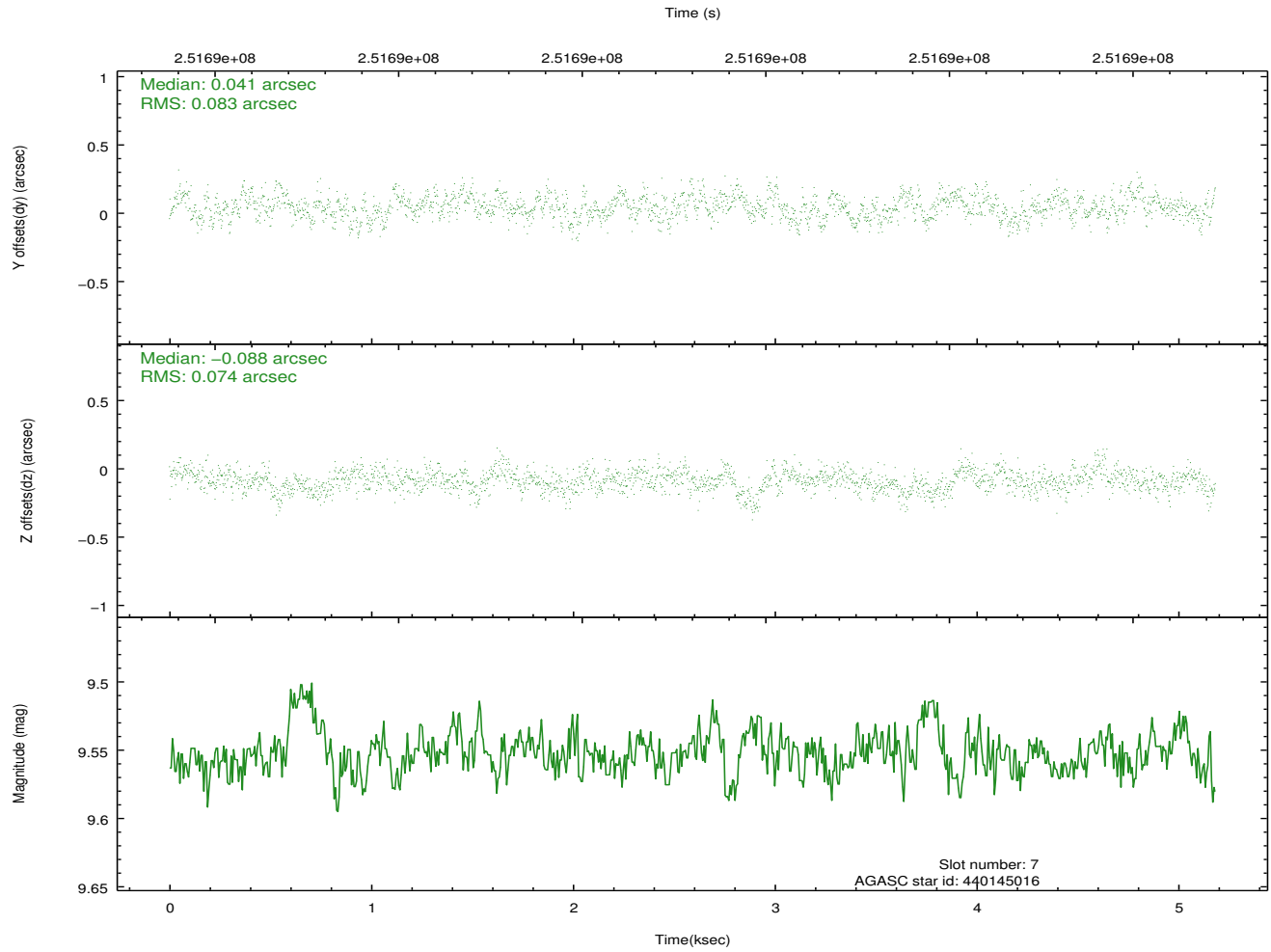
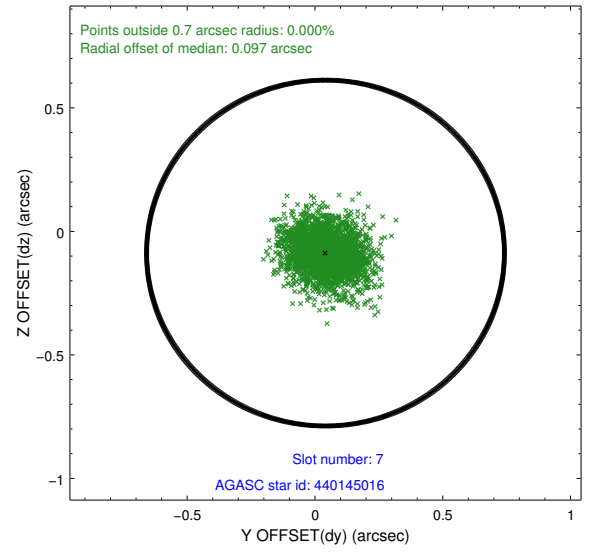
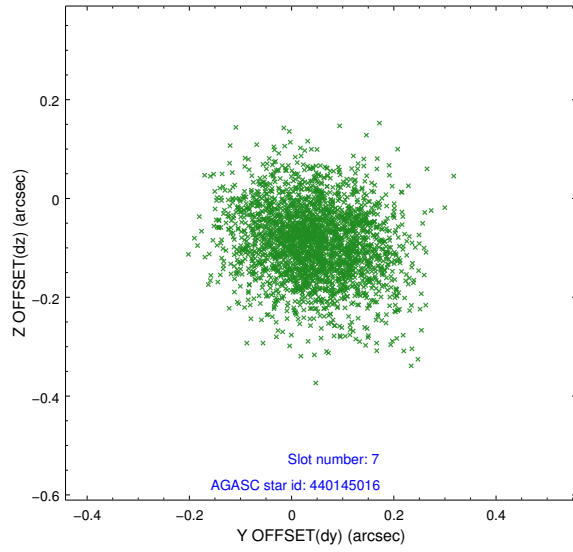
2.4.3 Slot 5



2.4.4 Slot 6

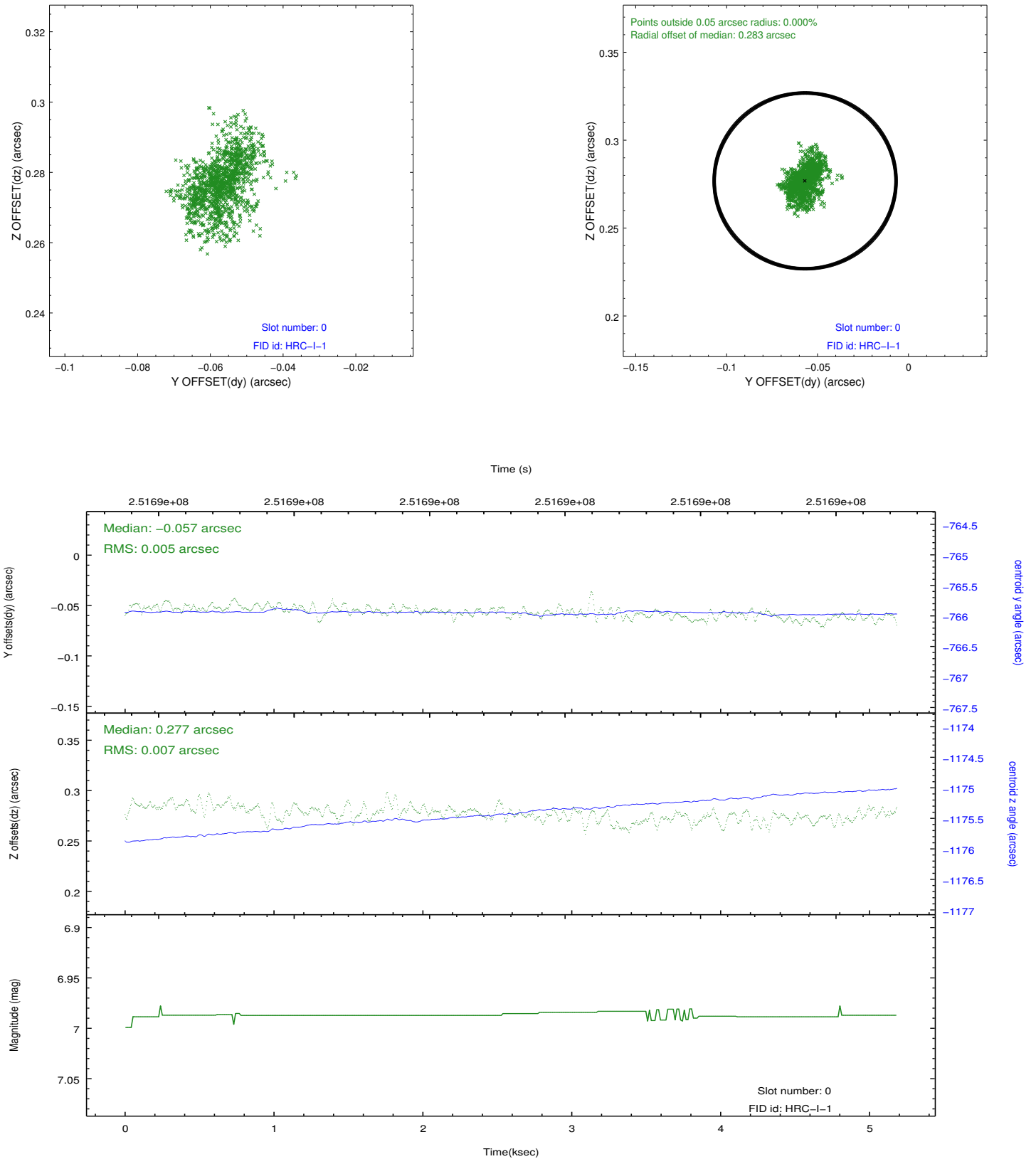


2.4.5 Slot 7

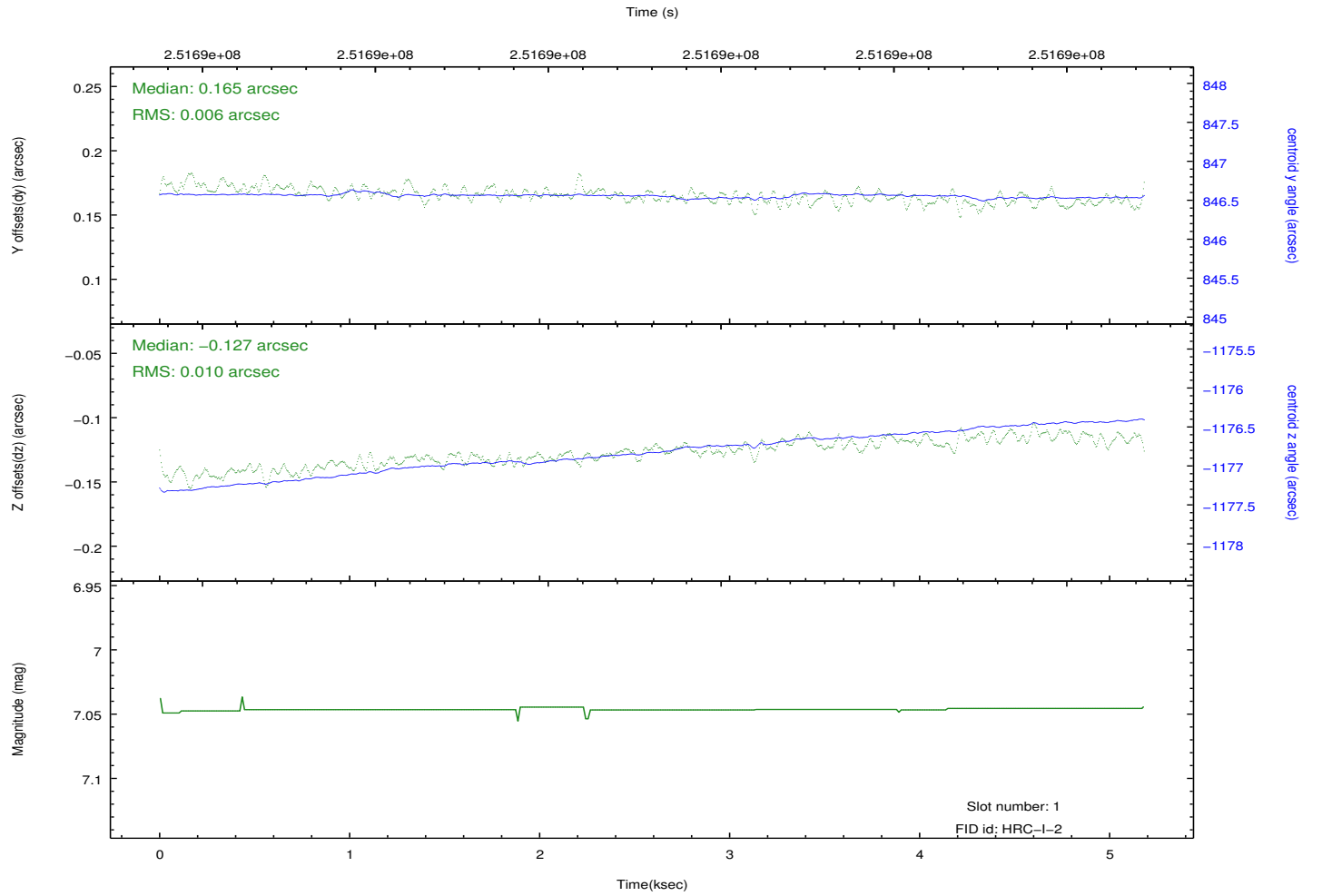
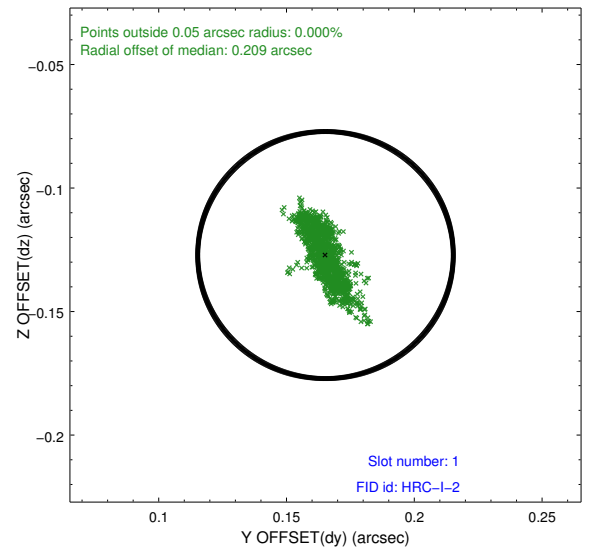
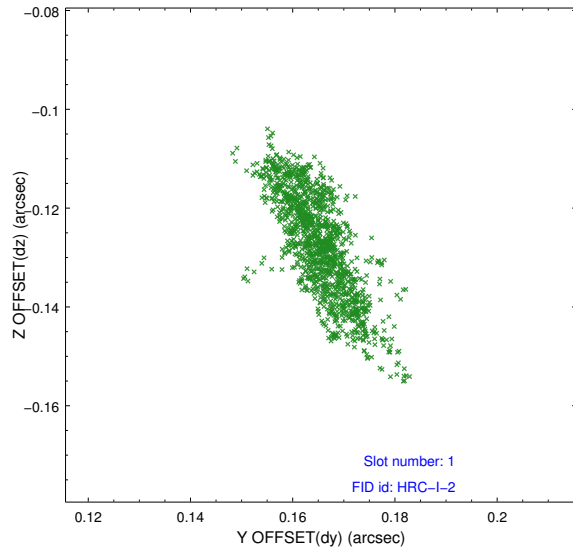


2.5 FID Slots

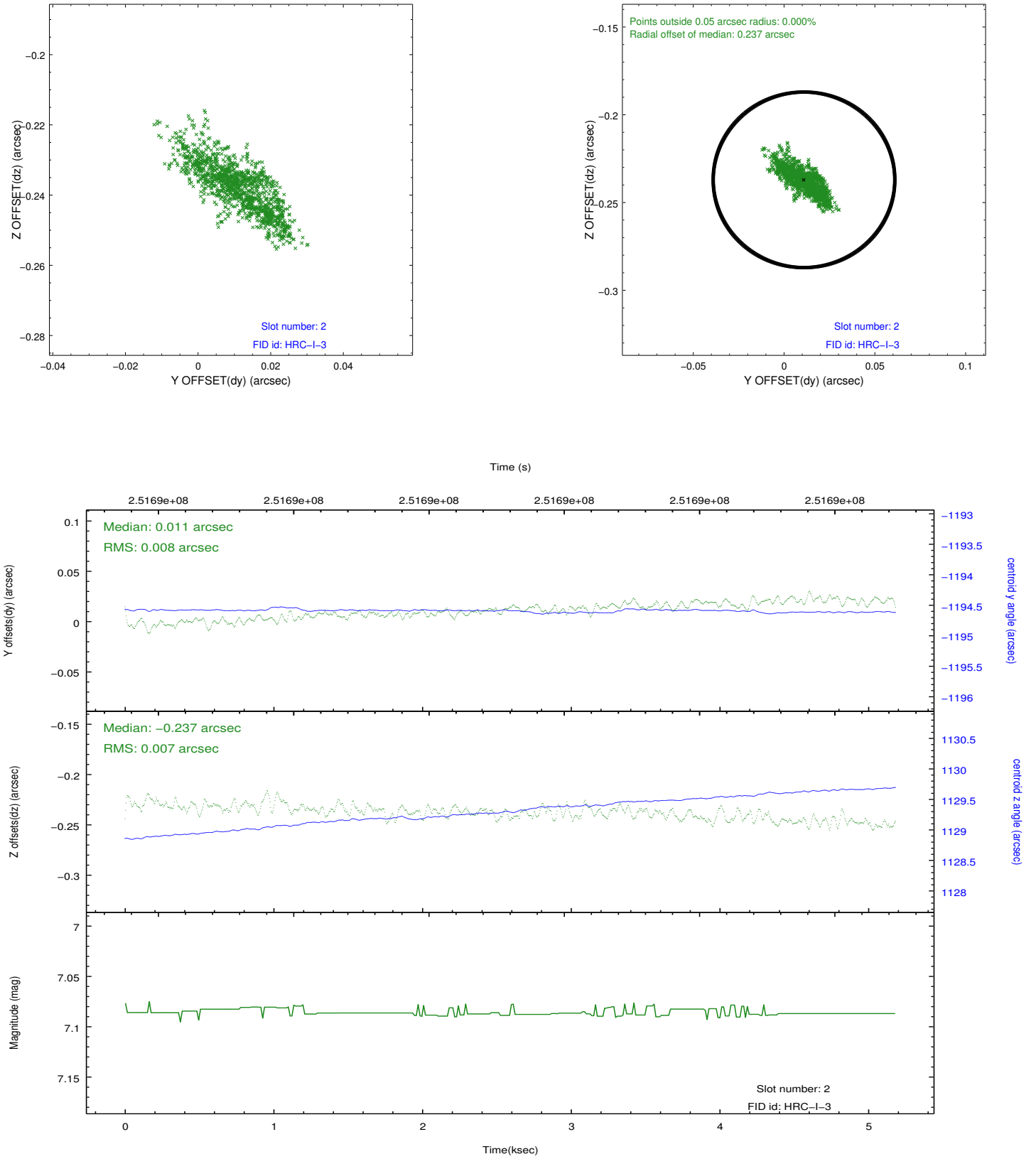
2.5.1 Slot 0



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)	2012.08.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.183681

A.2 Comments