

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6532 - L2 Version 4
Chandra X-Ray Center

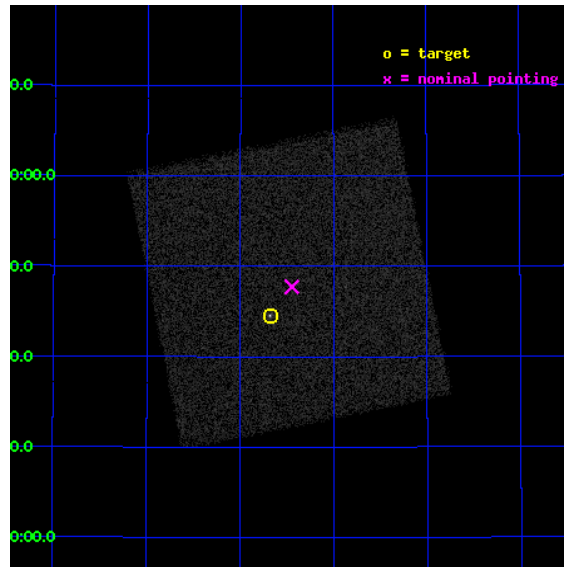
L2 Processing Date : Aug 11 2012

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1 Front

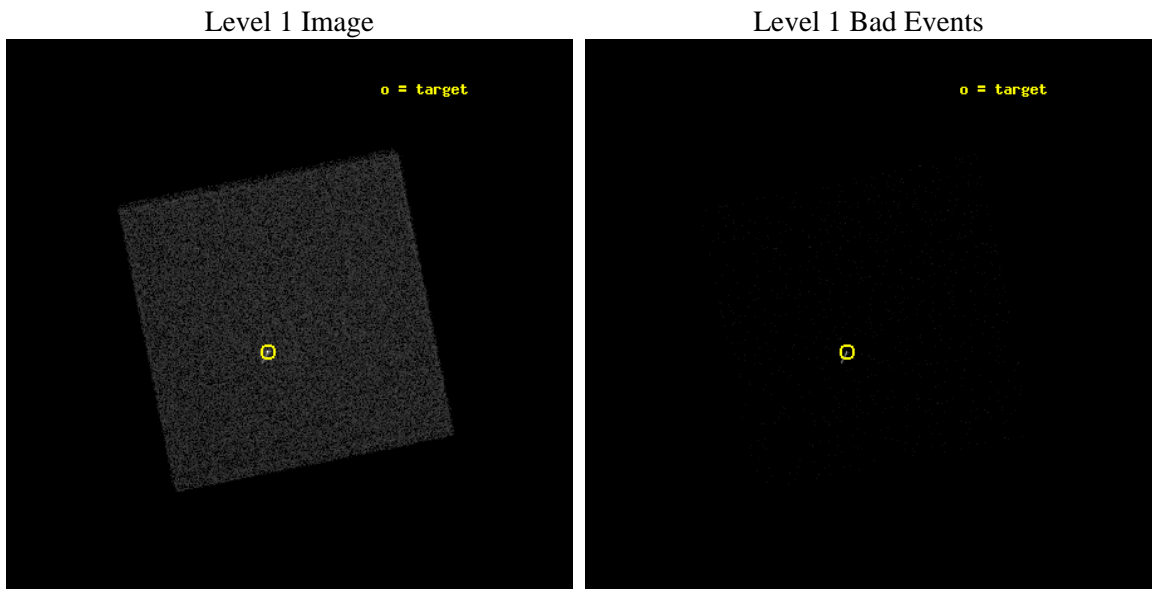
seq_num	290625	Sequence number
obs_id	6532	Observation id
title	AO7 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.11145607915	Nominal RA [deg]
dec_nom	45.795800667988	Nominal Dec [deg]
roll_nom	213.59967012126	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1190.2813059092	[s]
livetime	1179.2372909535	Ontime multiplied by DTCOR
l2events	64046	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	1190.2813059092	[s]
caldbver	4.5.1.1	 	l1events	118339	Number of level 1 events
date	2012-08-11T12:41:57	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

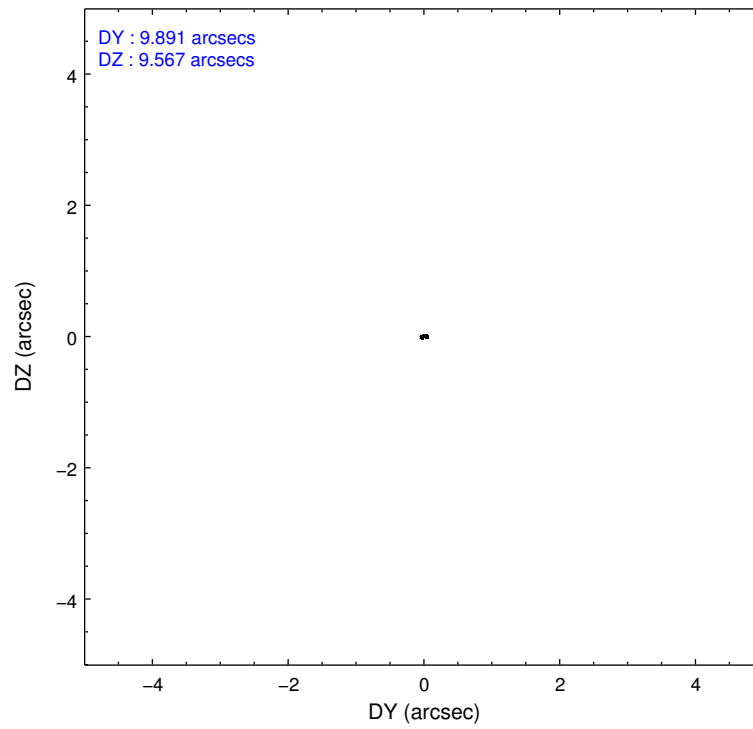
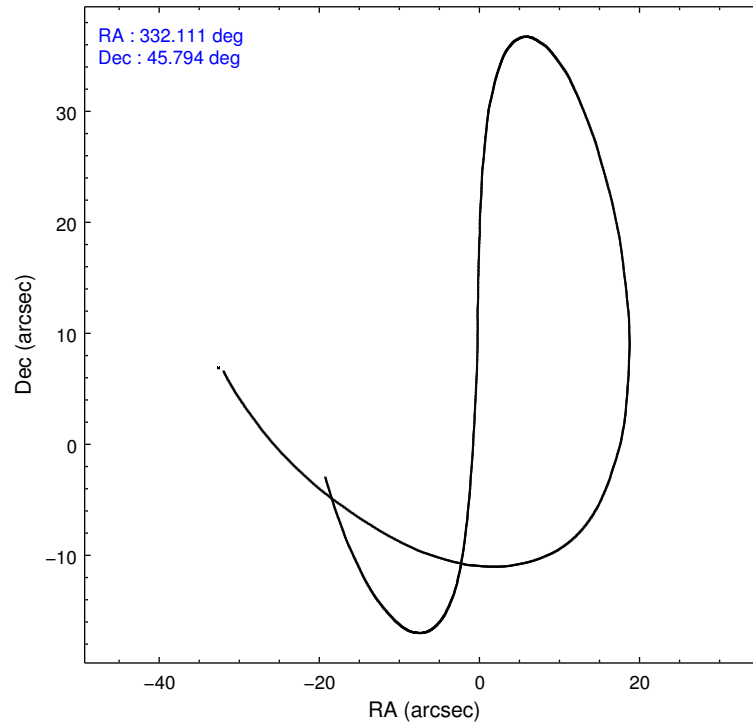
	segment 0
level 1 events	118339
rejected events	24853
rejected %	21%

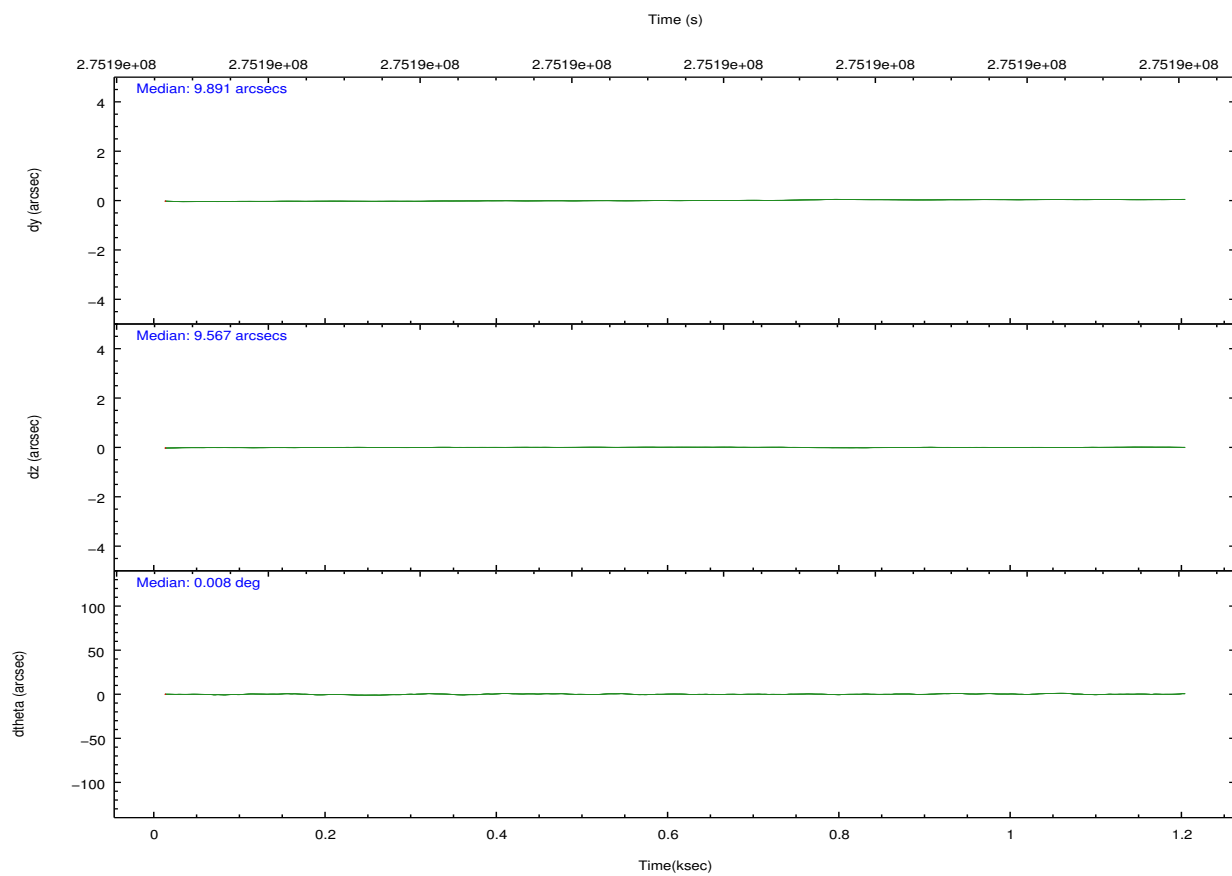
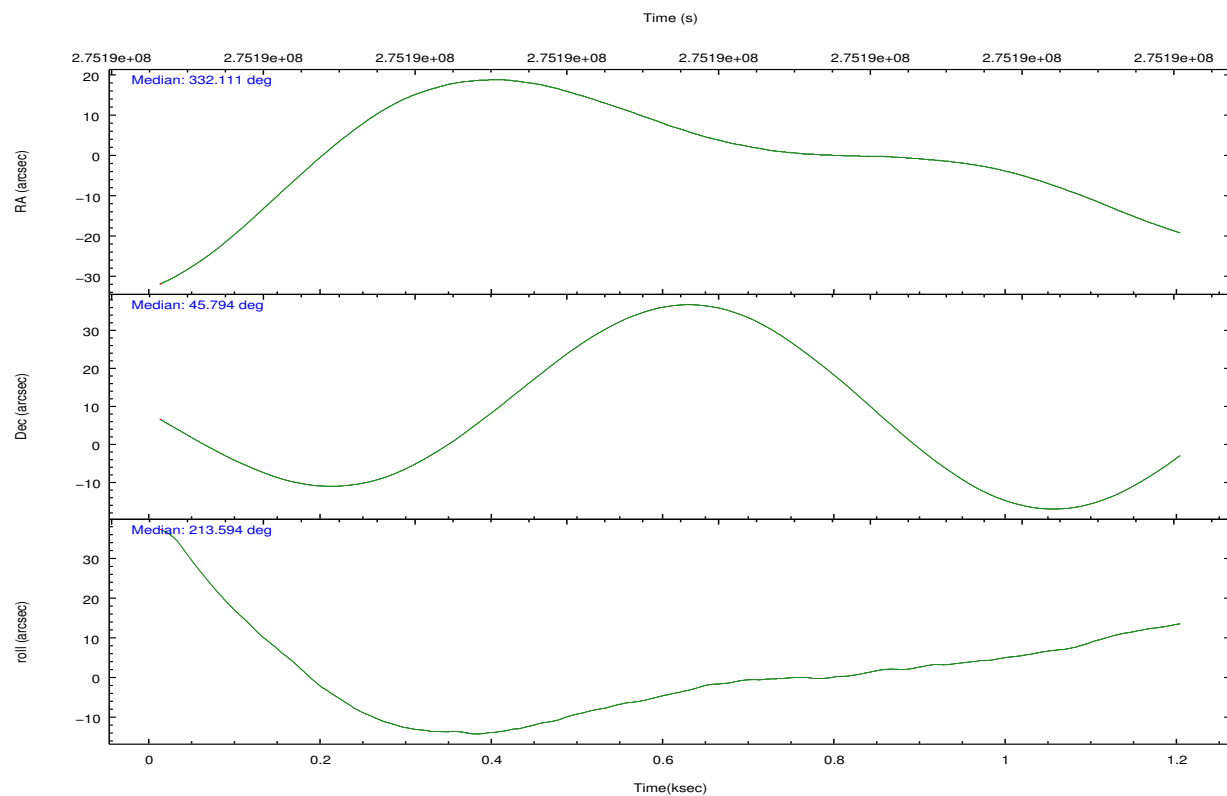
2.2 Compared Parameters

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	332.127616	332.1114560791546
[deg] Pointing Dec	45.821545	45.79580066798768
[deg] Pointing Roll	213.683420	213.5996701212619
[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)	275189932.184000	275189556.17677
Observation start date	2006-09-21T01:37:47	2006-09-21T01:32:36
[s] Observation end time (MET)	275190932.184000	275191066.00184
Observation end date	2006-09-21T01:54:27	2006-09-21T01:57:46

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

2.3 Aspect



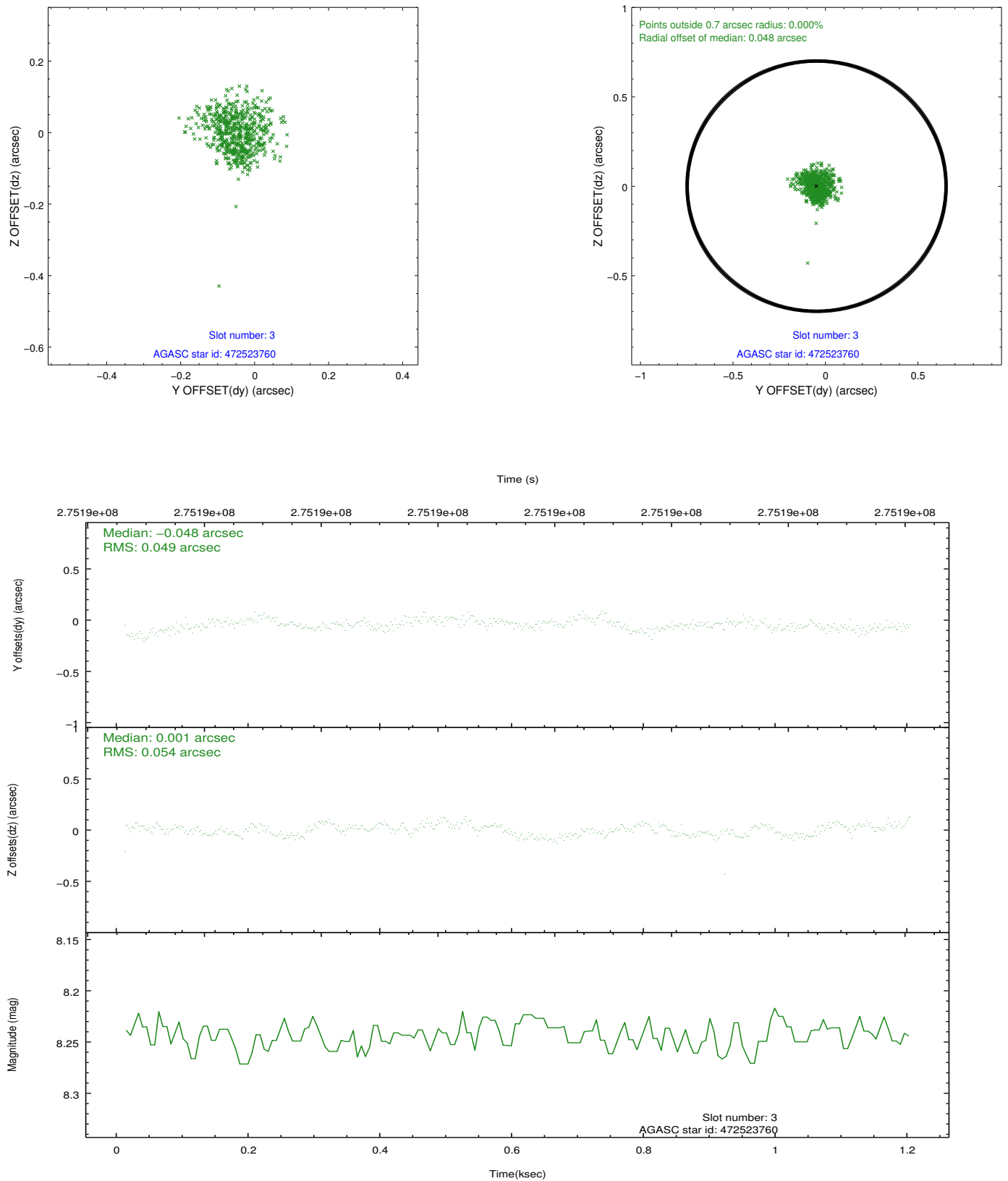


Slot Statistics

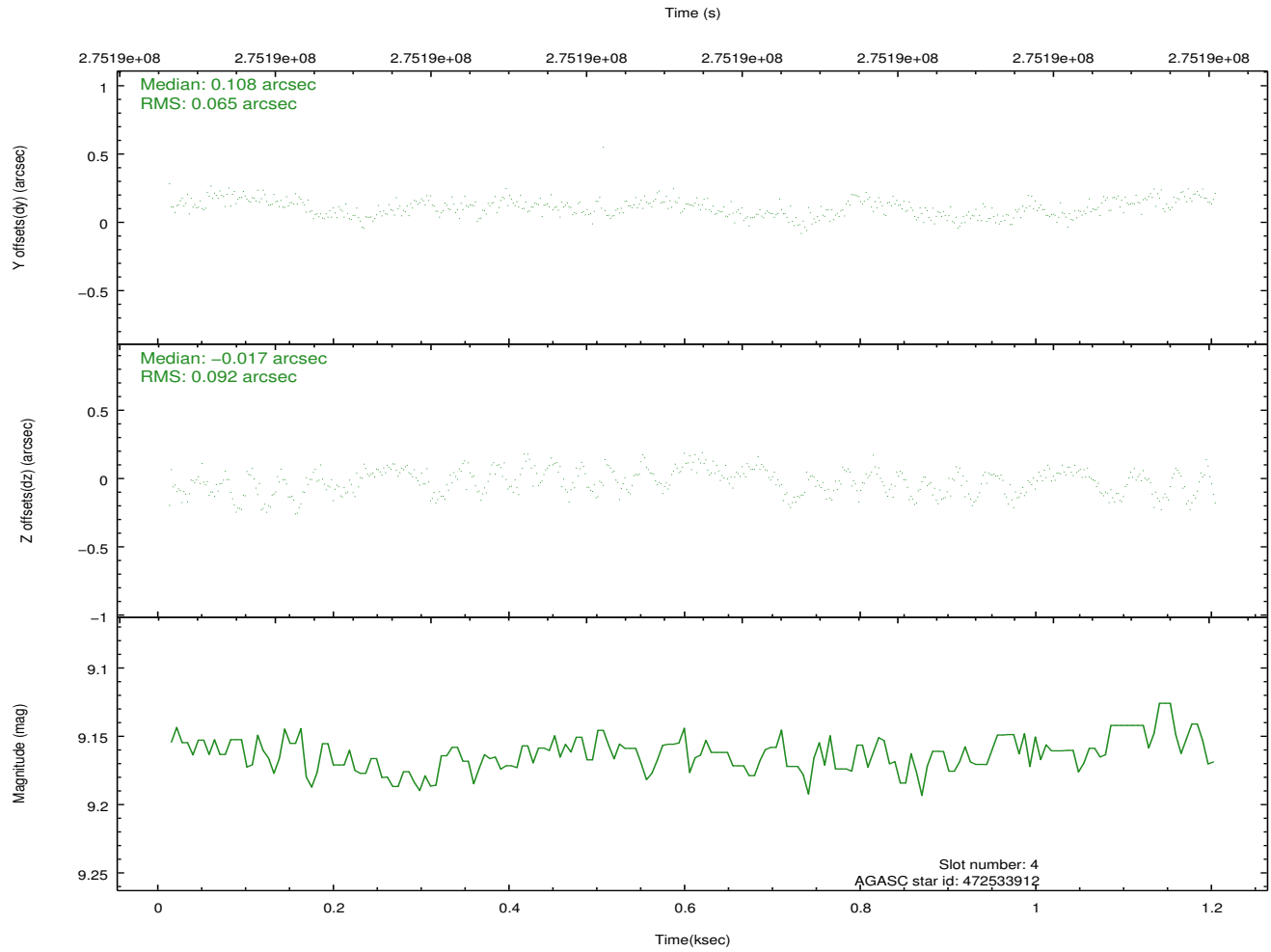
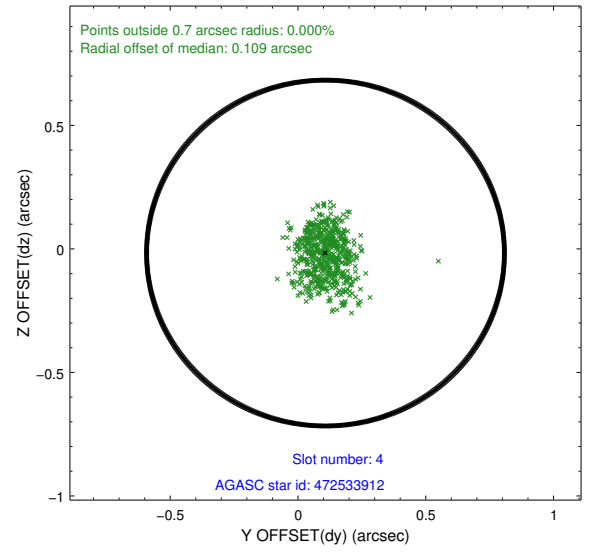
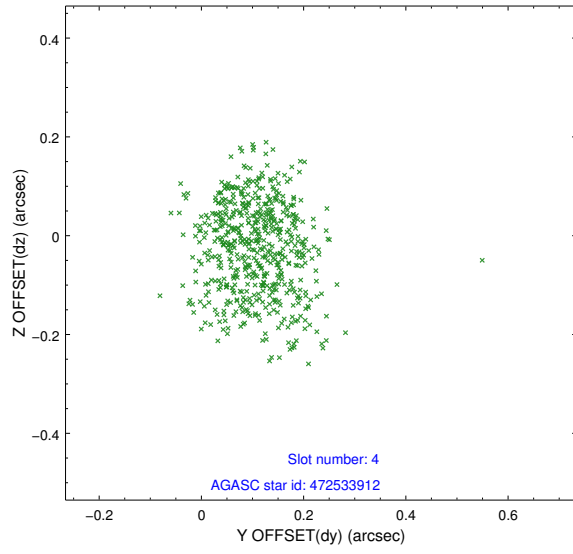
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.01	291	0.054	-0.051	0.005	0.010	0.000000	0.000000	847.15	-1299.10
1	FID	HRC-I-3	7.06	291	-0.048	-0.012	0.005	0.010	0.000000	0.000000	-1191.20	1002.58
2	FID	HRC-I-4	6.99	291	0.114	-0.024	0.005	0.009	0.000000	0.000000	1273.24	1008.12
3	GUIDE	472523760	8.24	582	-0.048	0.001	0.076	0.122	331.645363	45.403260	1846.01	570.33
4	GUIDE	472533912	9.16	582	0.108	-0.017	0.118	0.192	331.791136	46.368695	-395.79	-2106.97
5	GUIDE	472535576	7.85	582	-0.198	0.160	0.063	0.106	331.438373	46.291802	481.67	-2372.97
6	GUIDE	472655152	9.43	581	0.011	-0.144	0.103	0.201	332.504239	45.862991	-870.26	389.57
7	GUIDE	472665256	9.02	581	0.127	0.002	0.081	0.129	332.808125	46.195041	-2163.51	-187.73

2.4 Star Slots

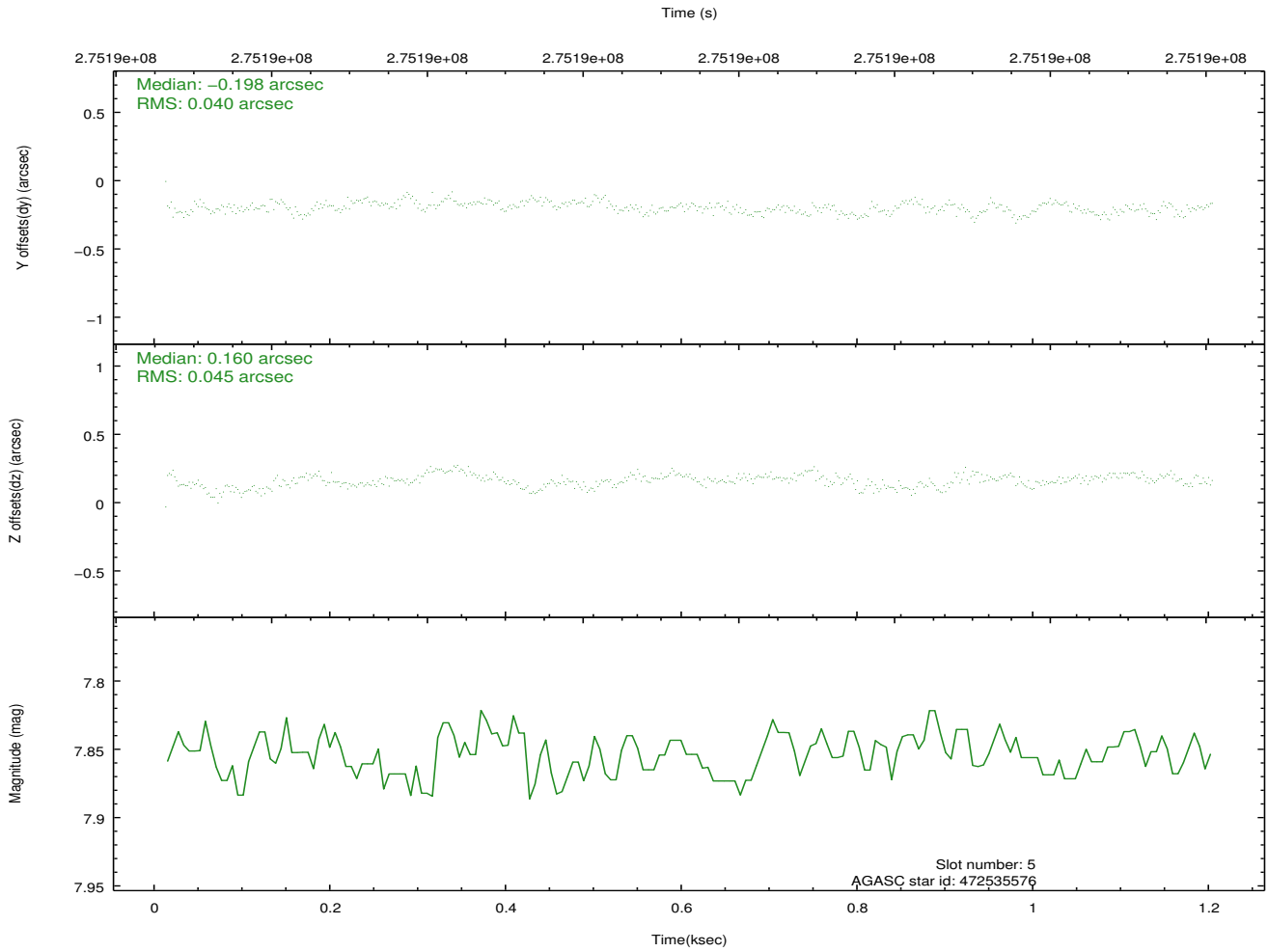
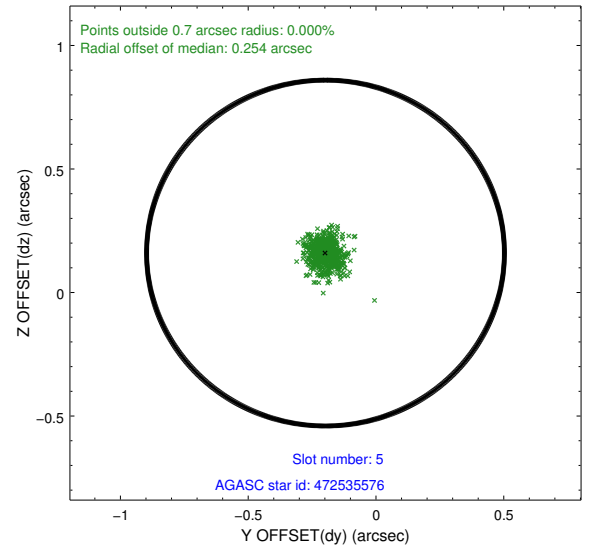
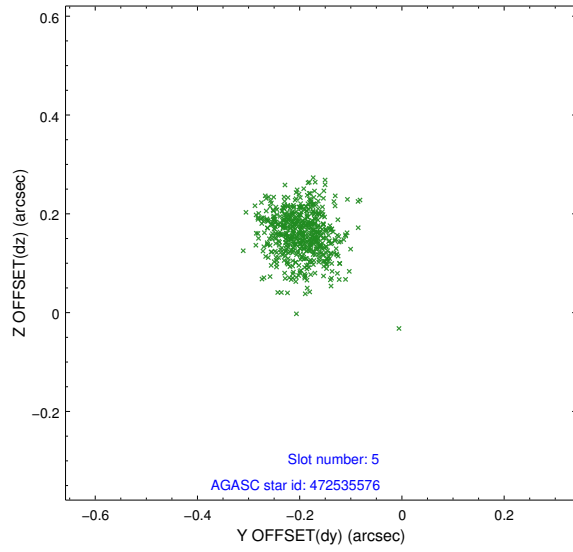
2.4.1 Slot 3



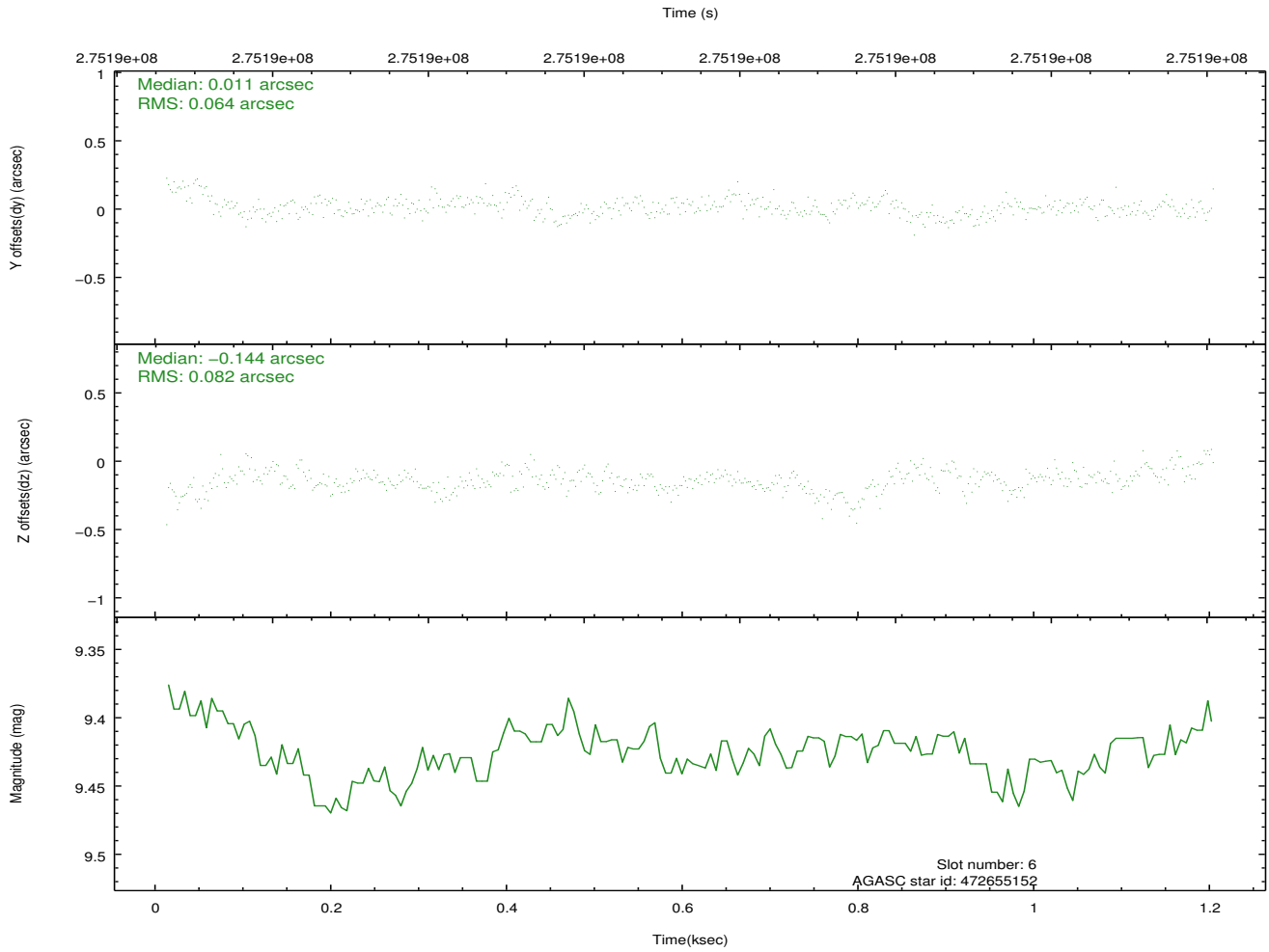
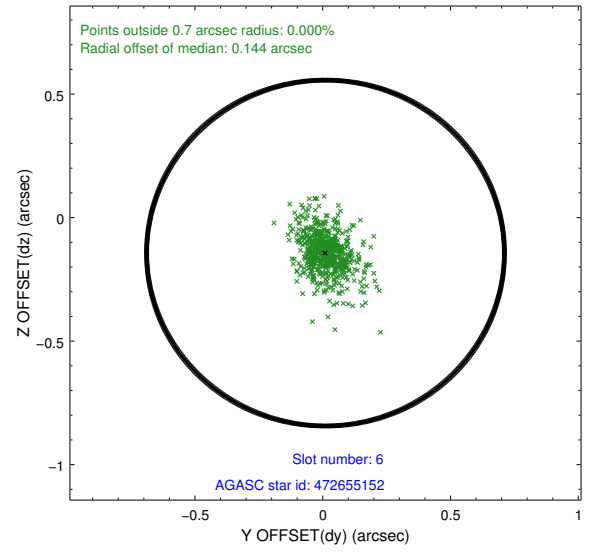
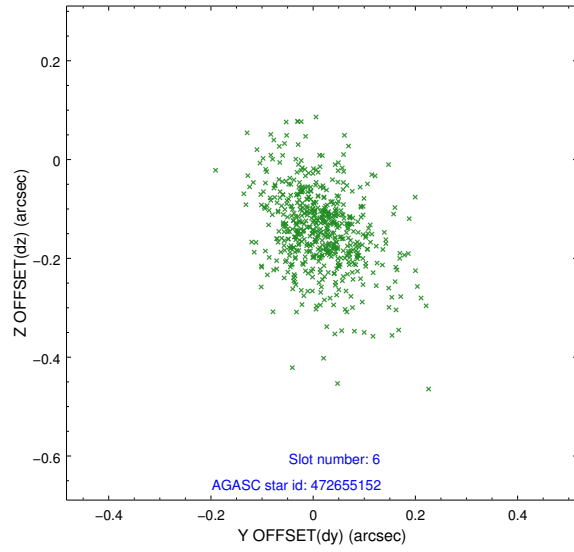
2.4.2 Slot 4



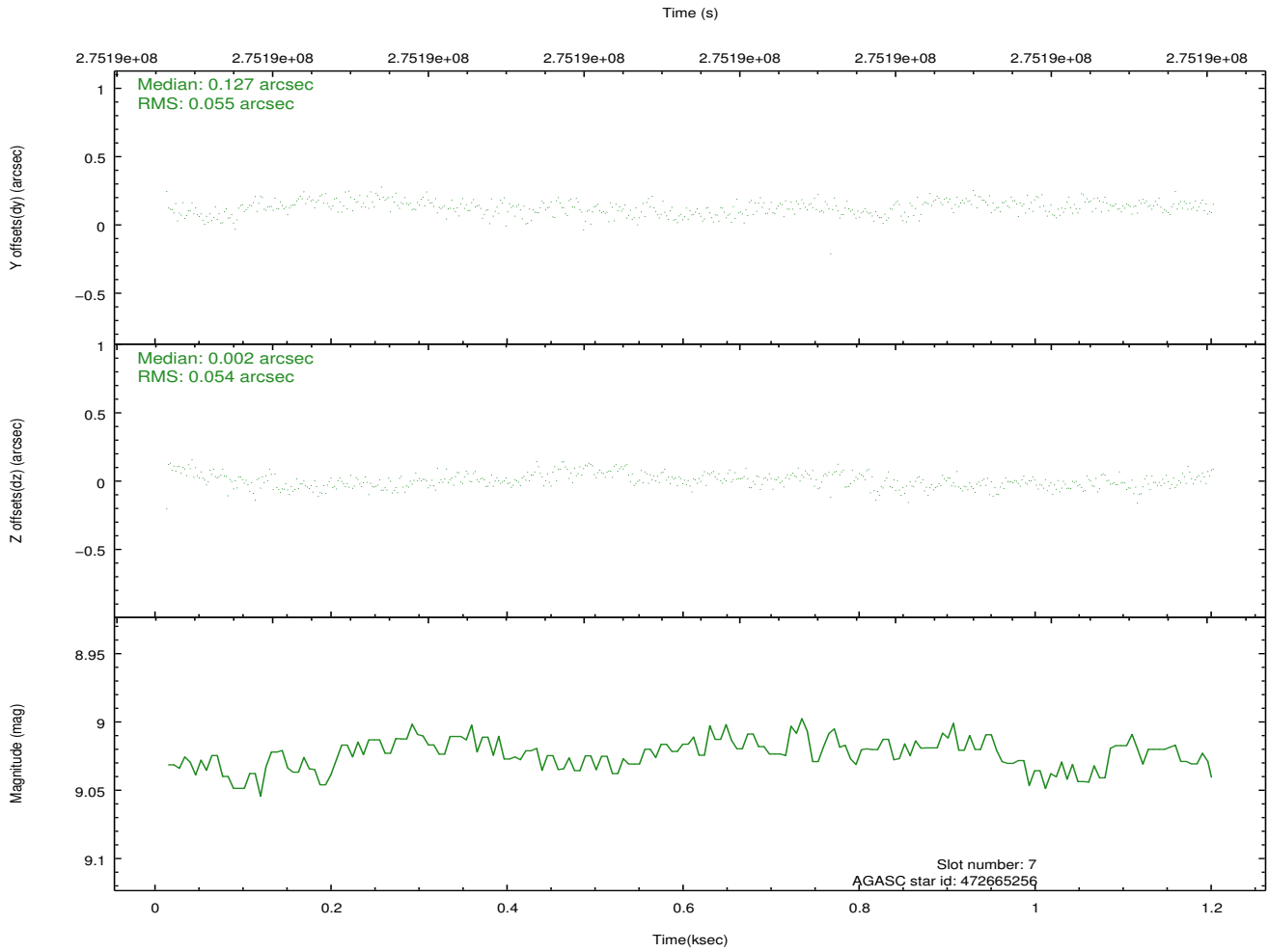
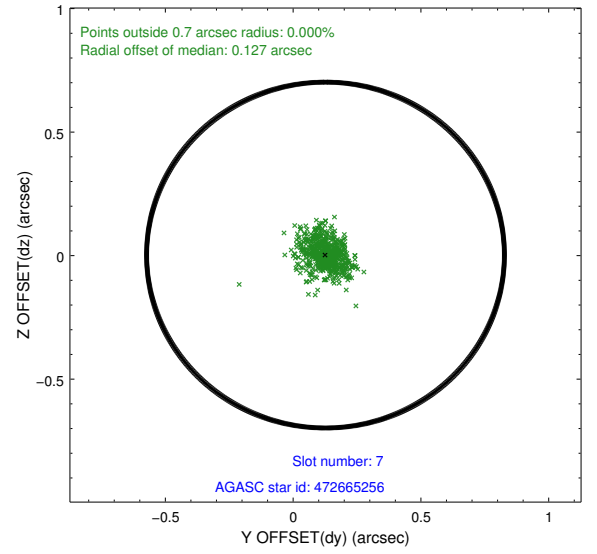
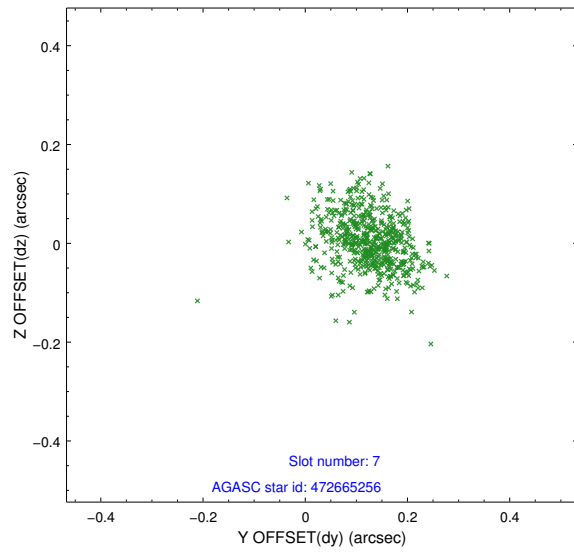
2.4.3 Slot 5



2.4.4 Slot 6

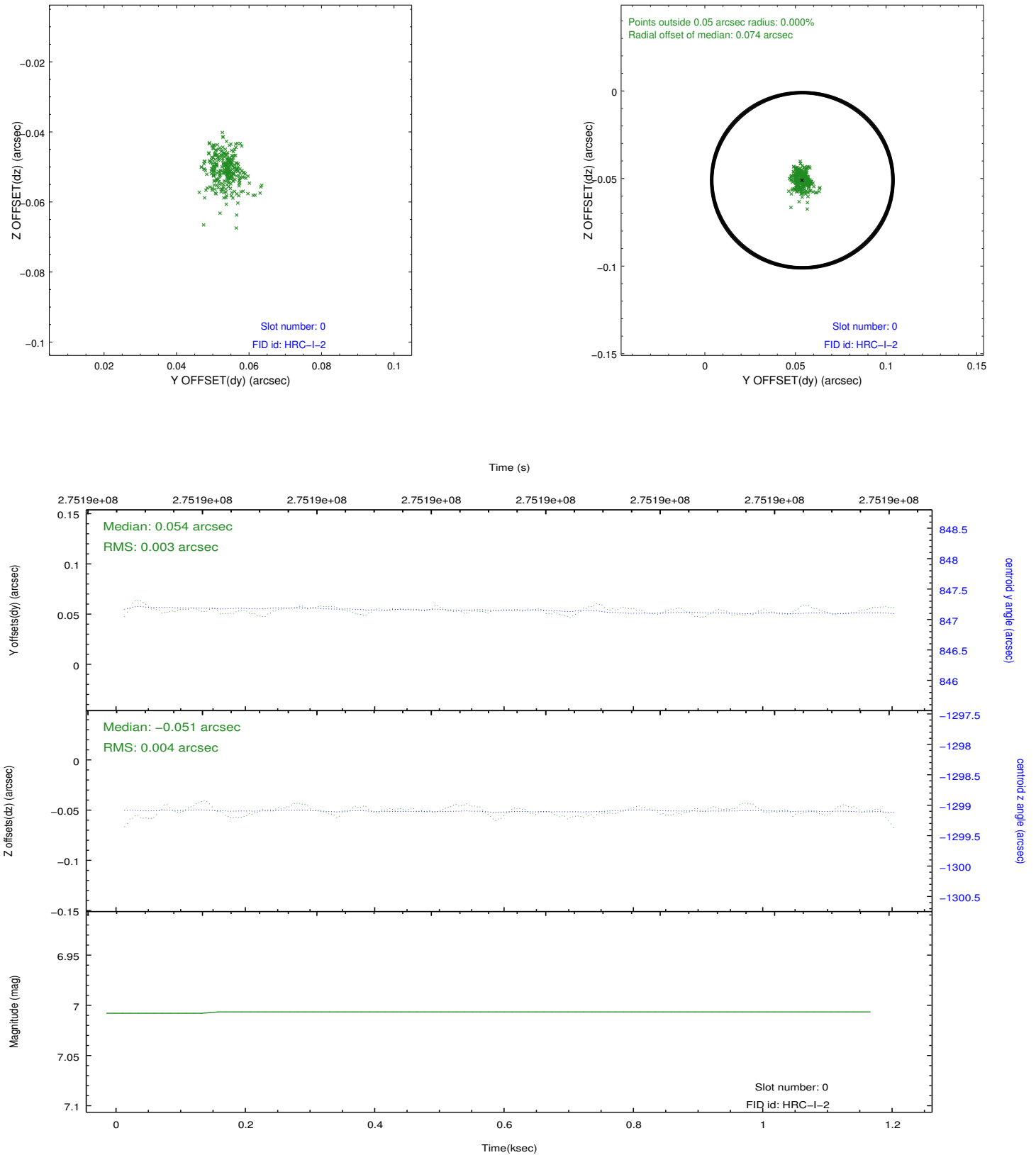


2.4.5 Slot 7

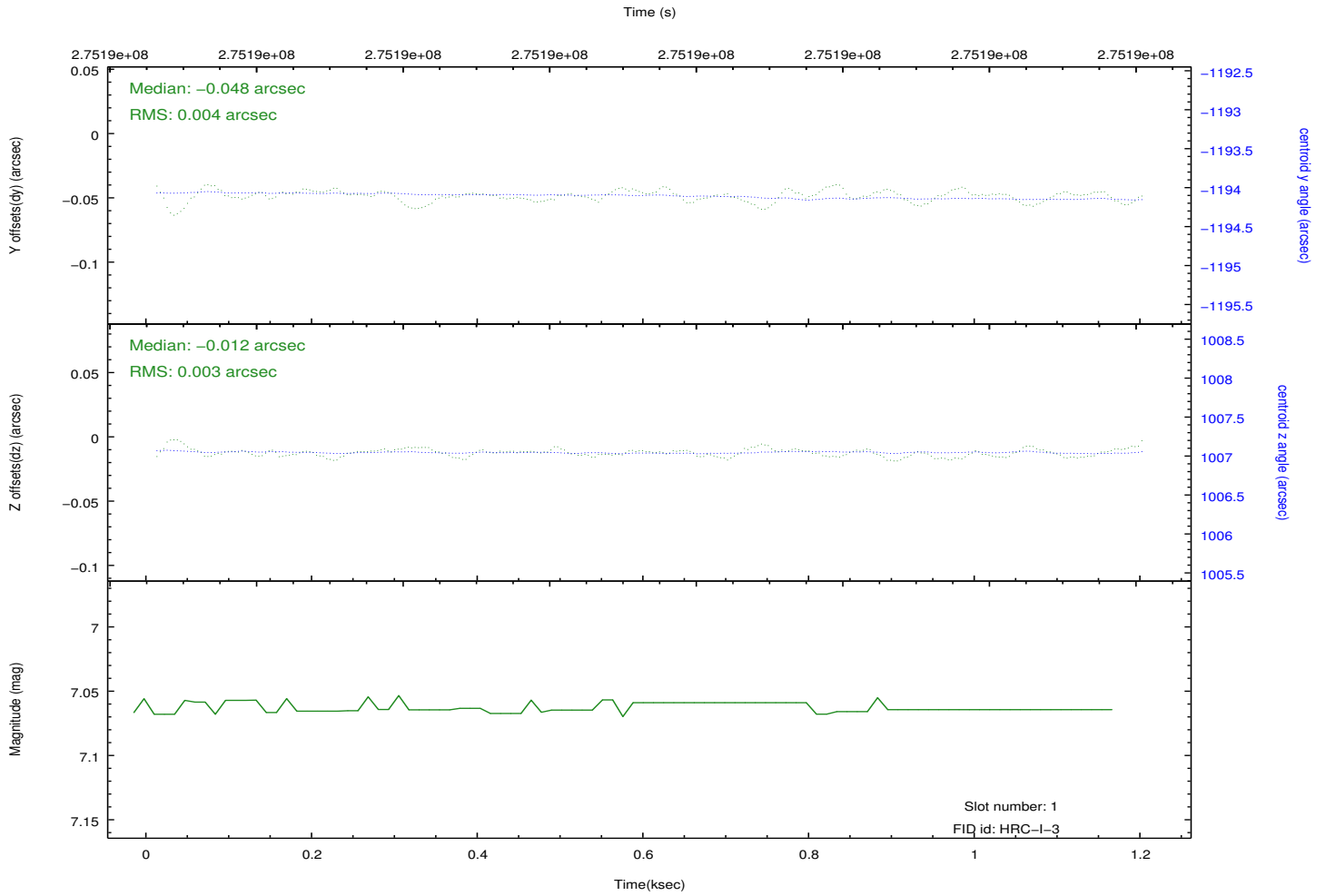
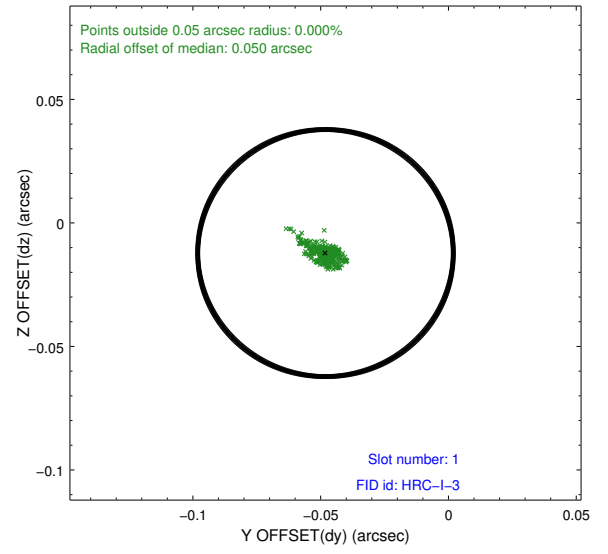
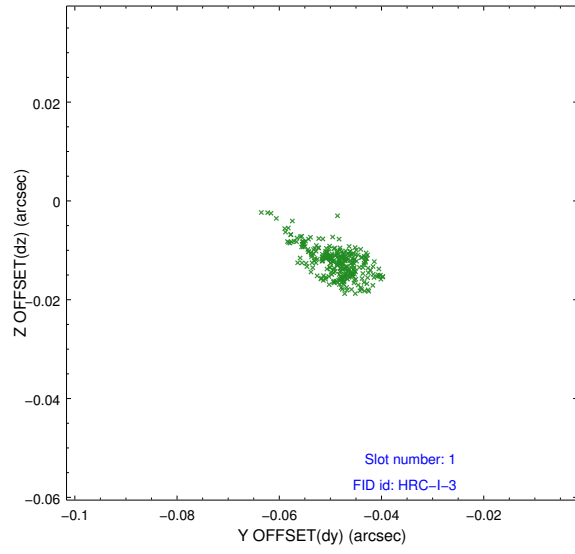


2.5 FID Slots

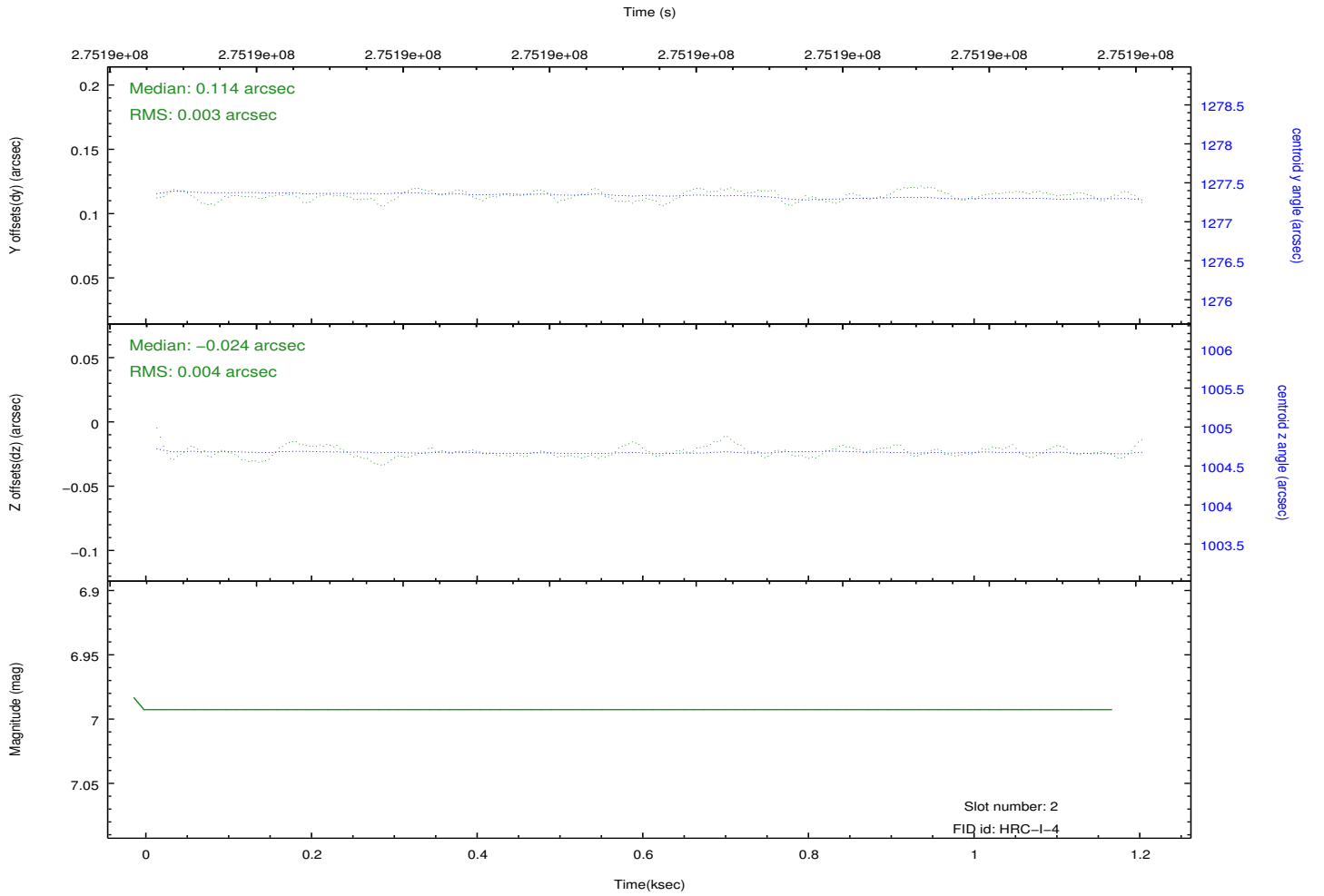
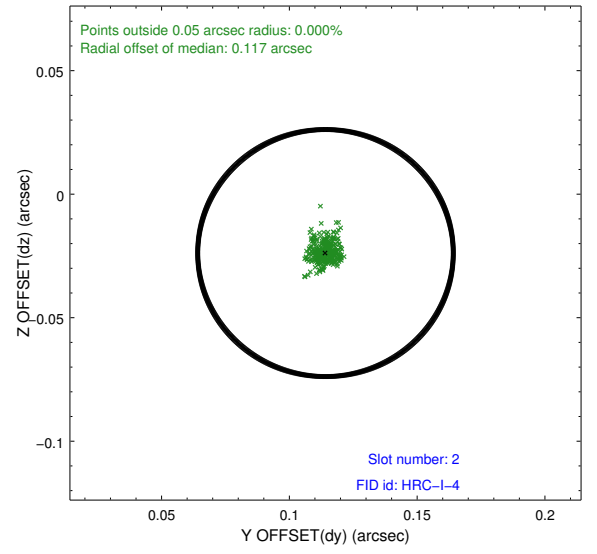
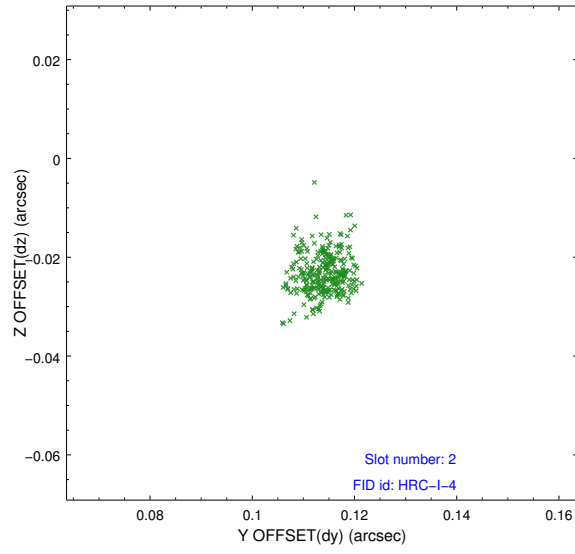
2.5.1 Slot 0



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)	2012.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1902813

A.2 Comments