

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6525 - L2 Version 4
Chandra X-Ray Center

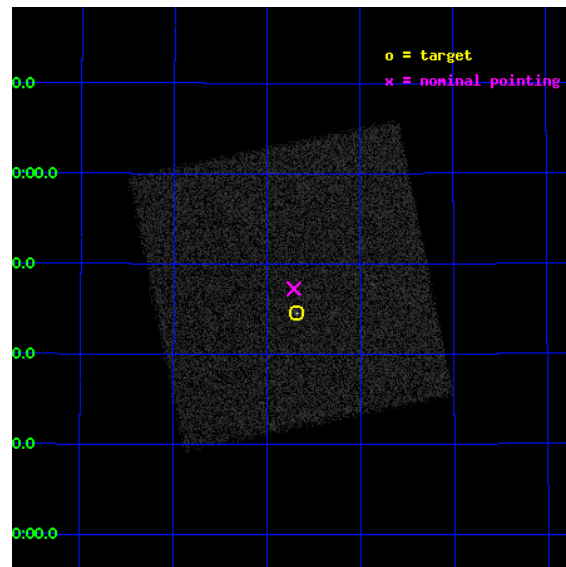
L2 Processing Date : Aug 11 2012

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1 Front

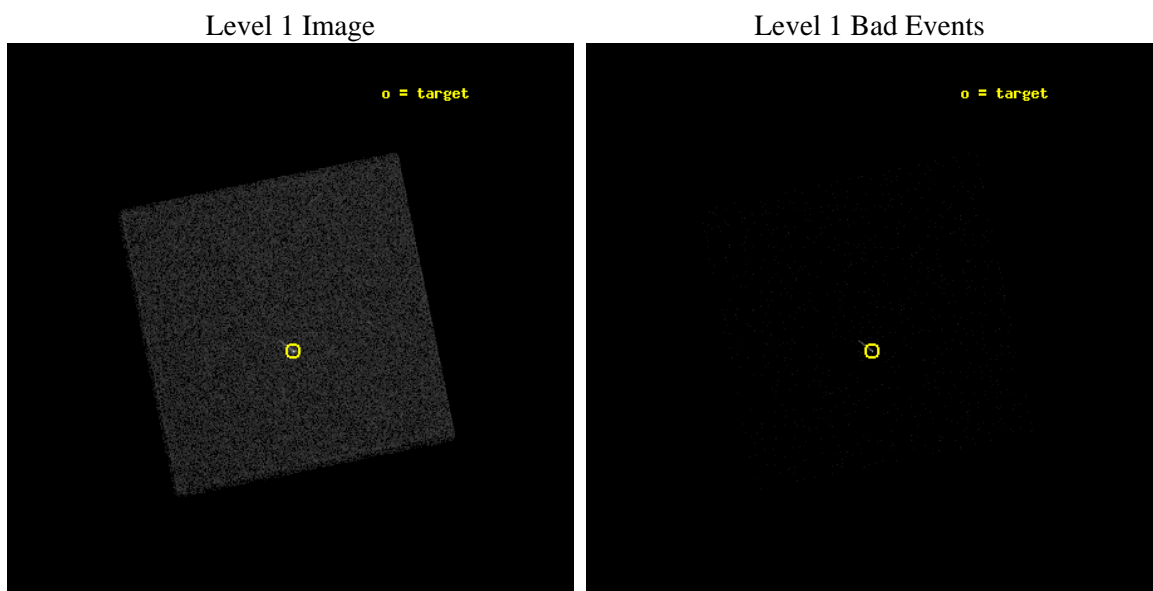
seq_num	290618	Sequence number
obs_id	6525	Observation id
title	AO7 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.17815457672	Nominal RA [deg]
dec_nom	45.787482970742	Nominal Dec [deg]
roll_nom	213.37871386855	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1185.9250558019	[s]
livetime	1175.0140560636	Ontime multiplied by DTCOR
l2events	63026	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	1185.9250558019	[s]
caldbver	4.5.1.1	 	l1events	117037	Number of level 1 events
date	2012-08-11T11:27:38	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

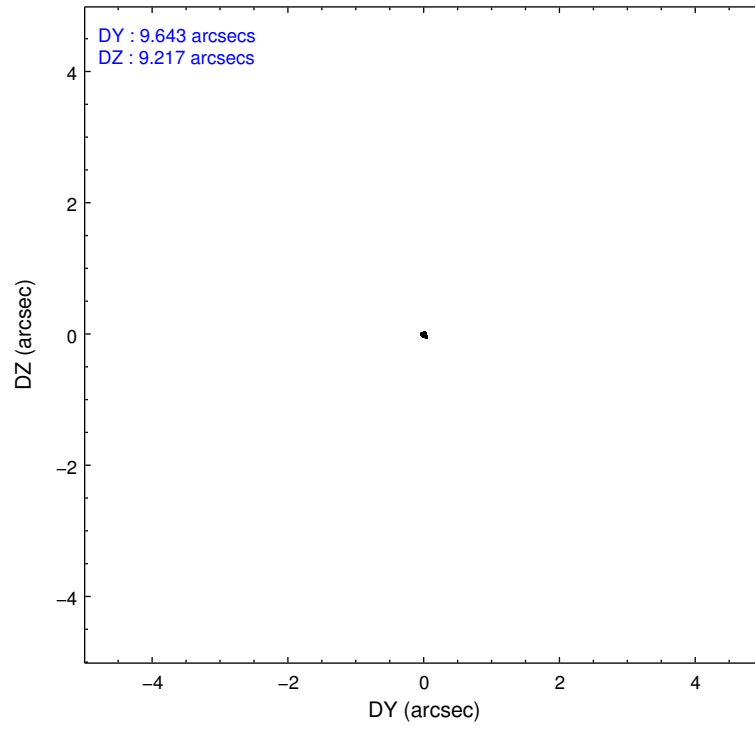
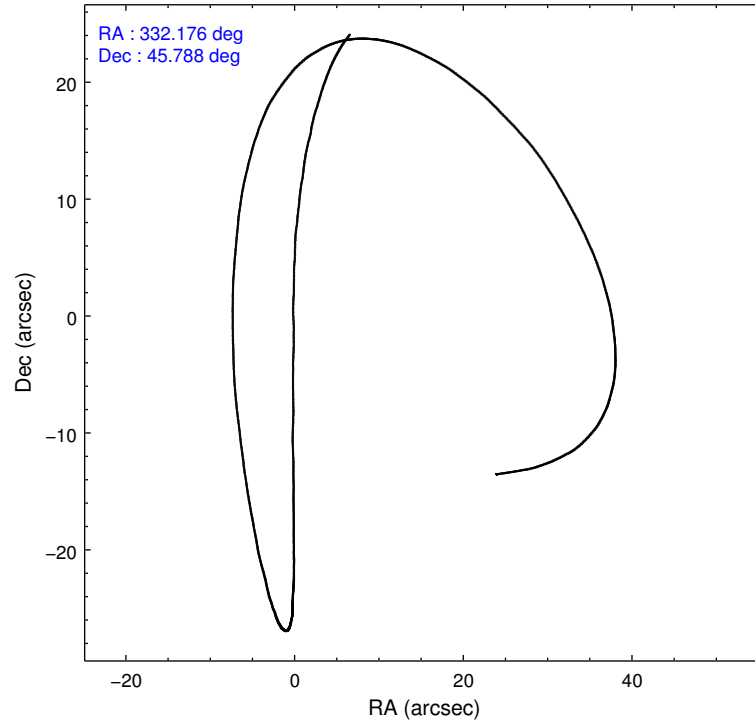
	segment 0
level 1 events	117037
rejected events	25111
rejected %	21%

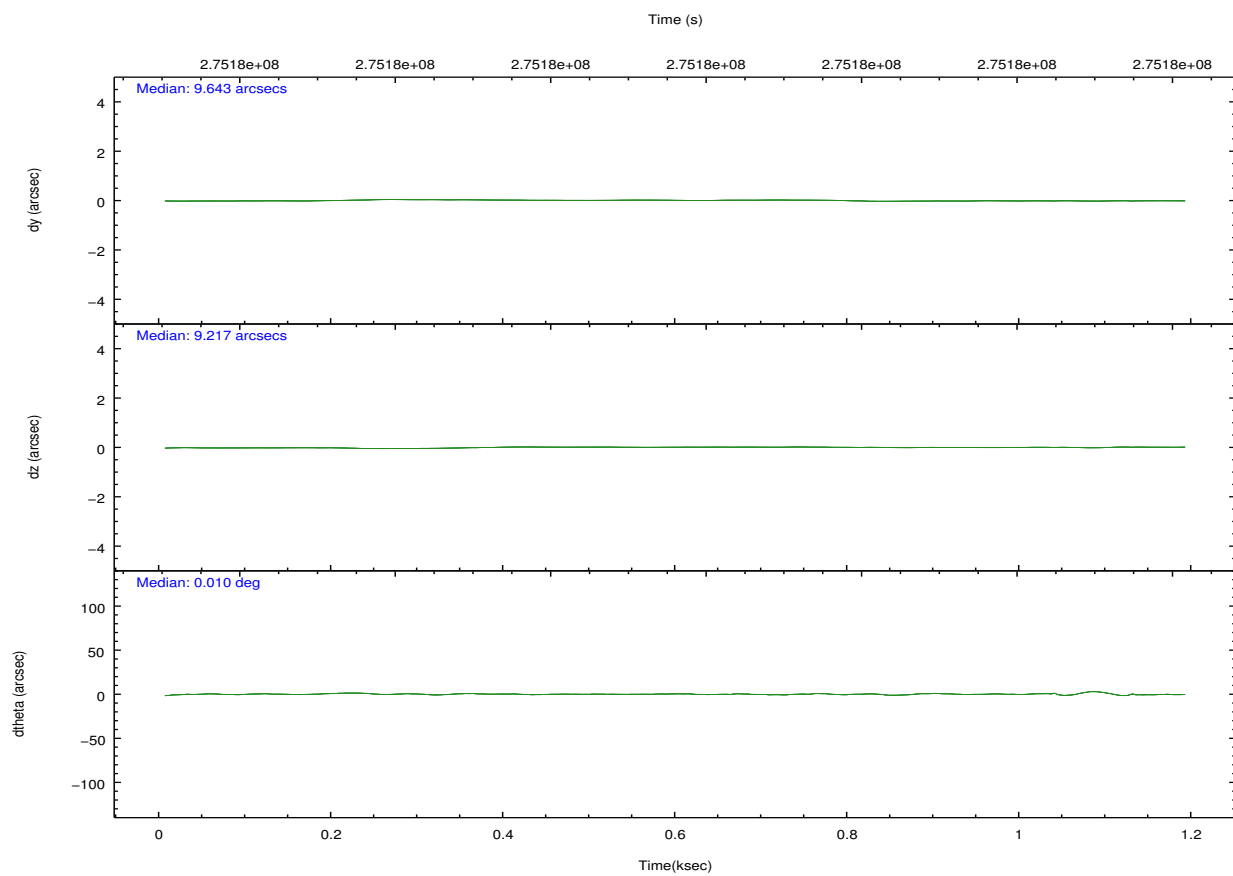
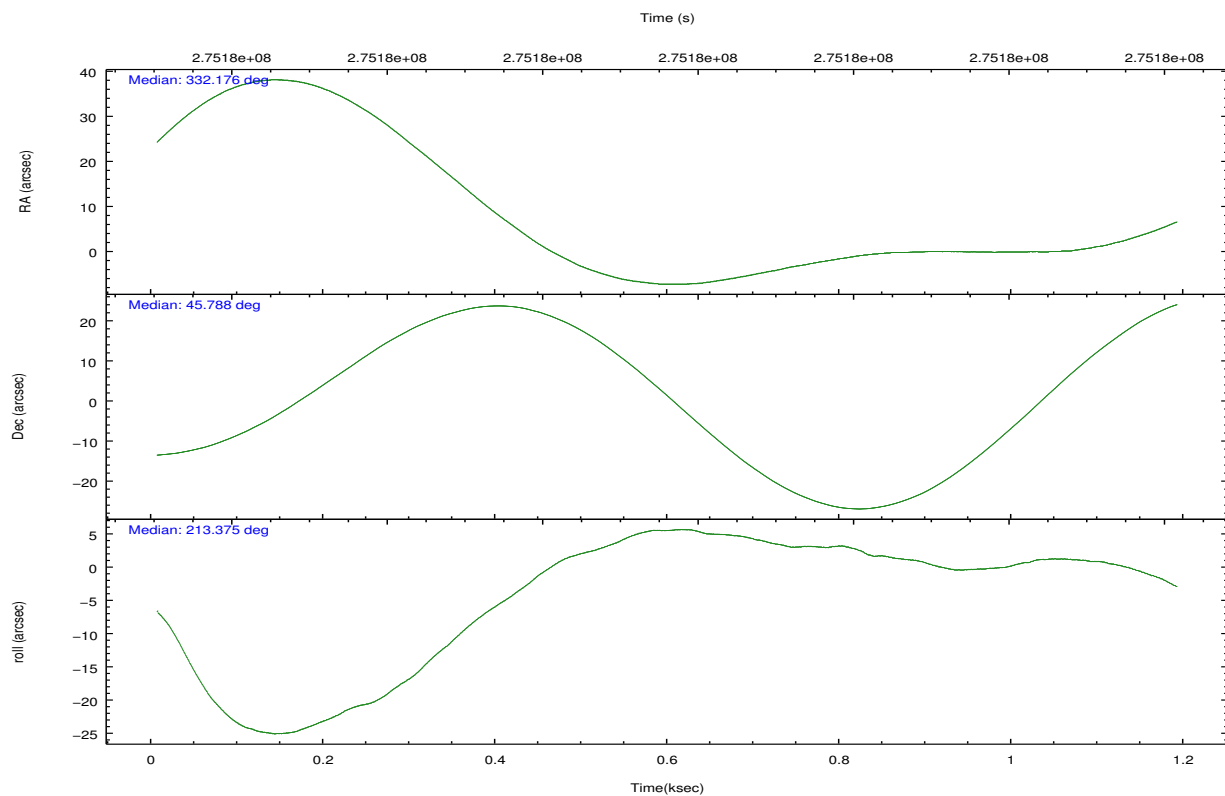
2.2 Compared Parameters

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	332.194233	332.1781545767216
[deg] Pointing Dec	45.812228	45.78748297074177
[deg] Pointing Roll	213.462636	213.37871386855
[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)	275179362.184000	275178986.37627
Observation start date	2006-09-20T22:41:37	2006-09-20T22:36:26
[s] Observation end time (MET)	275180362.184000	275180496.20134
Observation end date	2006-09-20T22:58:17	2006-09-20T23:01:36

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

2.3 Aspect



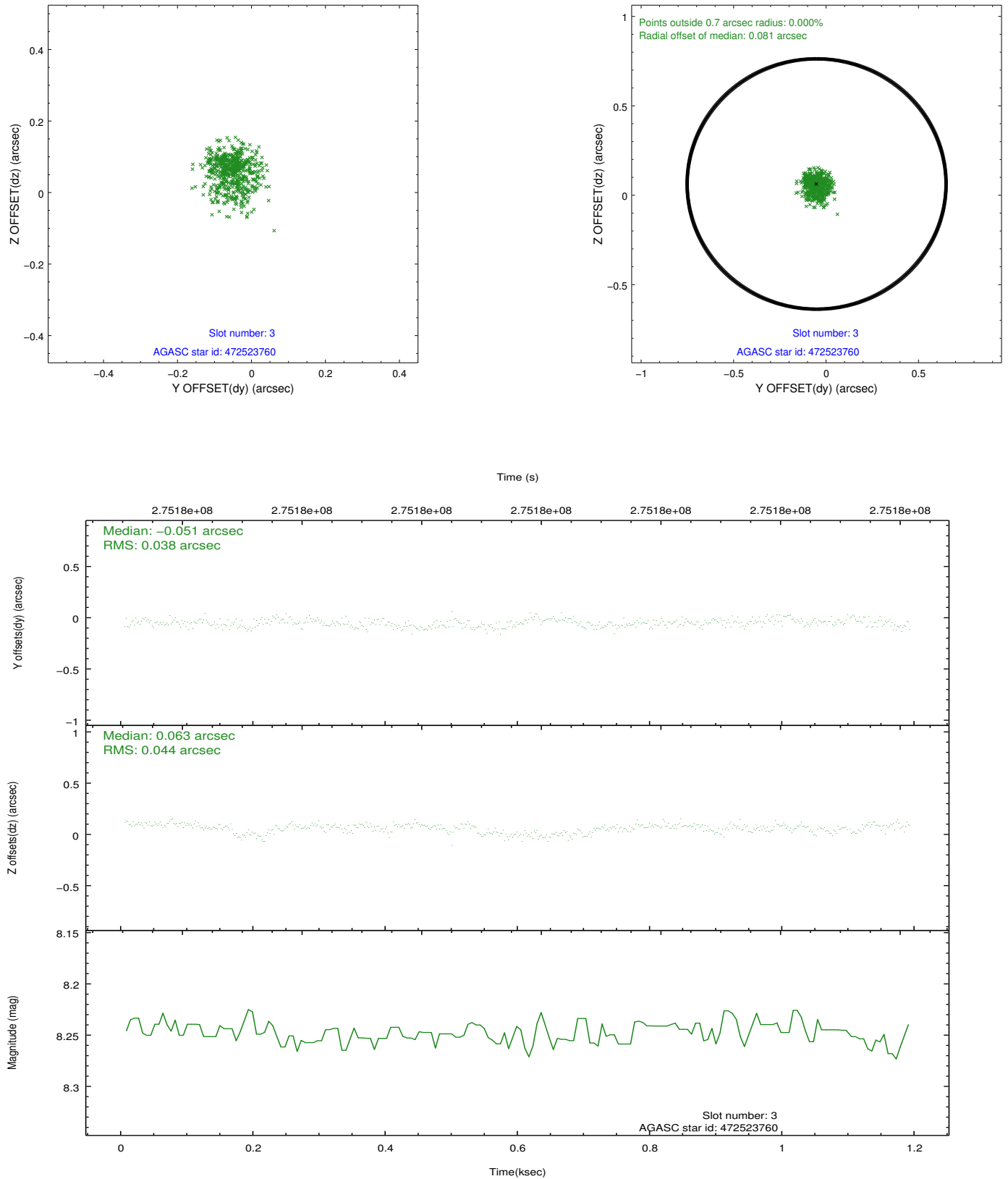


Slot Statistics

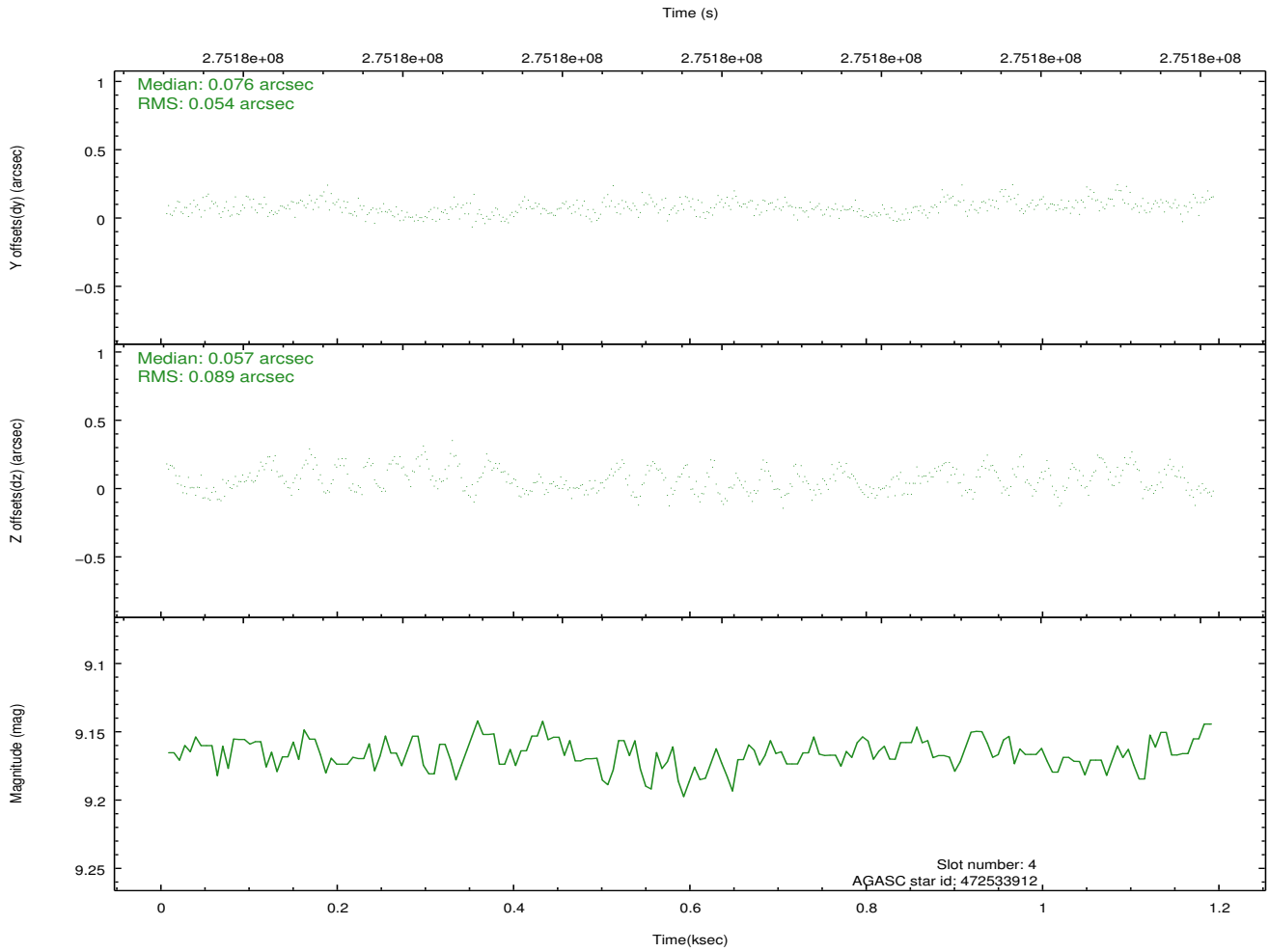
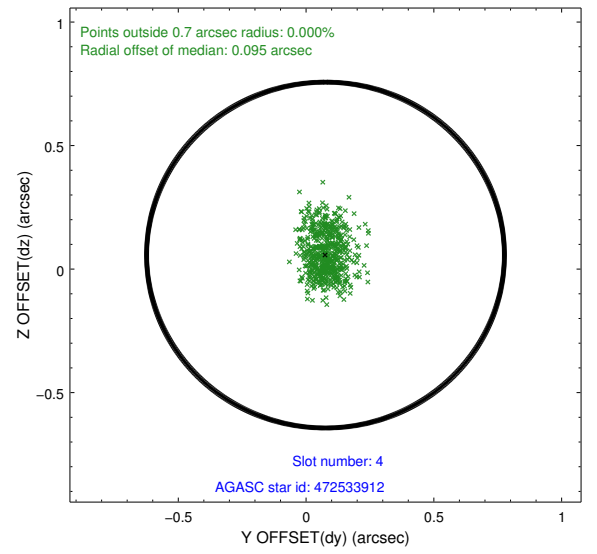
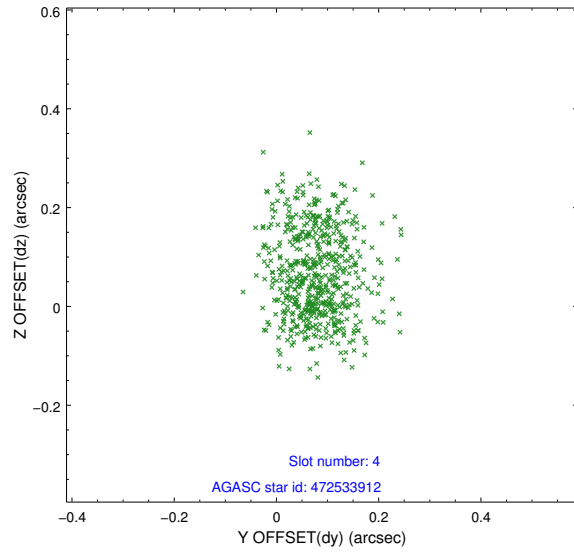
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	290	0.026	0.023	0.006	0.014	0.000000	0.000000	-765.31	-1297.08
1	FID	HRC-I-3	7.06	290	-0.035	-0.083	0.008	0.023	0.000000	0.000000	-1196.44	1002.92
2	FID	HRC-I-4	6.99	290	0.124	-0.029	0.005	0.013	0.000000	0.000000	1273.51	1008.44
3	GUIDE	472523760	8.25	579	-0.051	0.063	0.062	0.098	331.645363	45.403260	1967.54	458.27
4	GUIDE	472533912	9.17	580	0.076	0.057	0.112	0.184	331.791136	46.368695	-266.00	-2225.89
5	GUIDE	472651904	6.45	580	-0.117	-0.213	0.082	0.116	332.170077	45.742257	190.03	170.92
6	GUIDE	472655152	9.43	577	0.012	-0.064	0.108	0.192	332.504239	45.862991	-748.65	273.75
7	GUIDE	472665256	9.02	579	0.083	0.169	0.075	0.119	332.808125	46.195041	-2039.56	-311.92

2.4 Star Slots

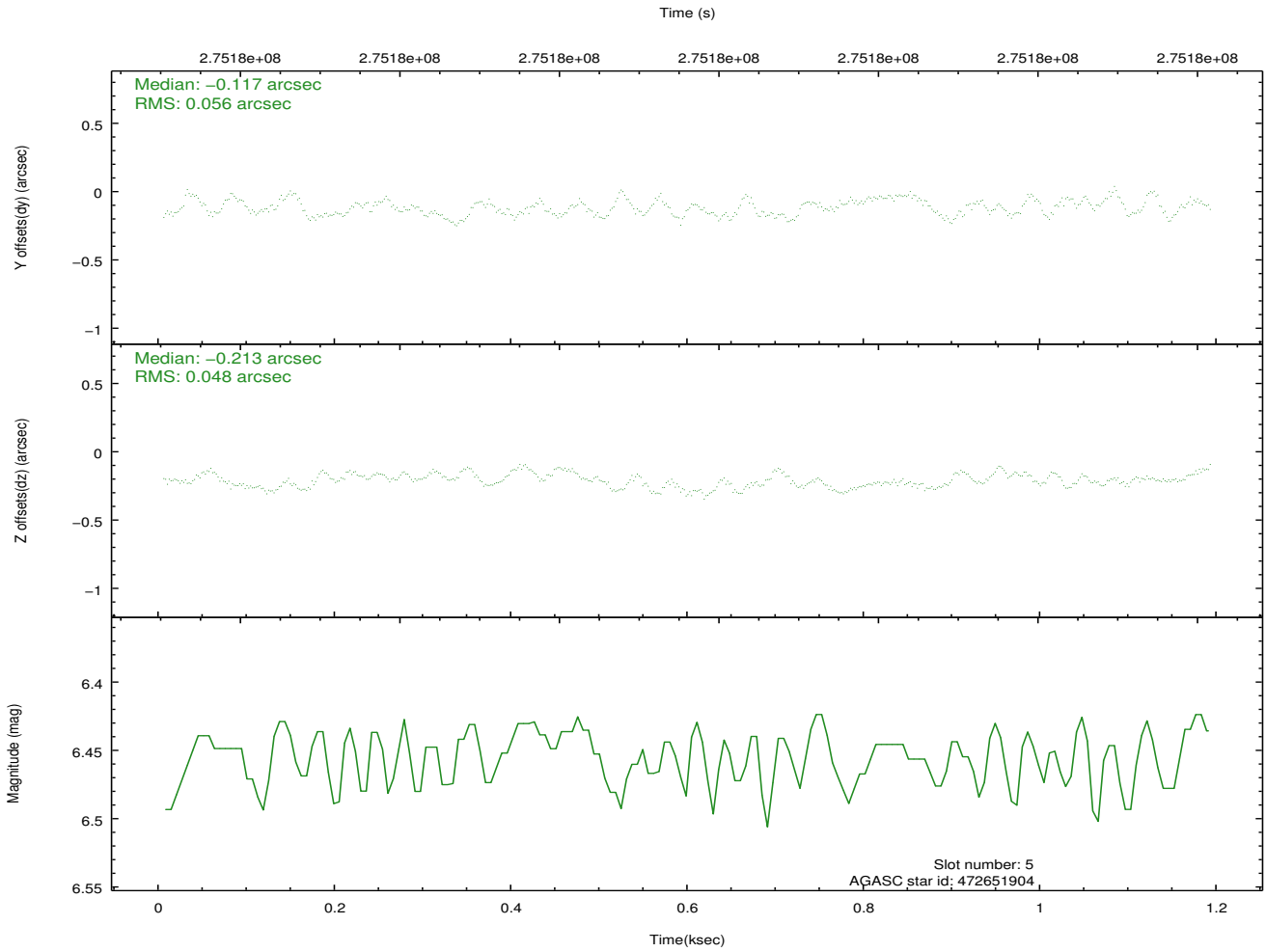
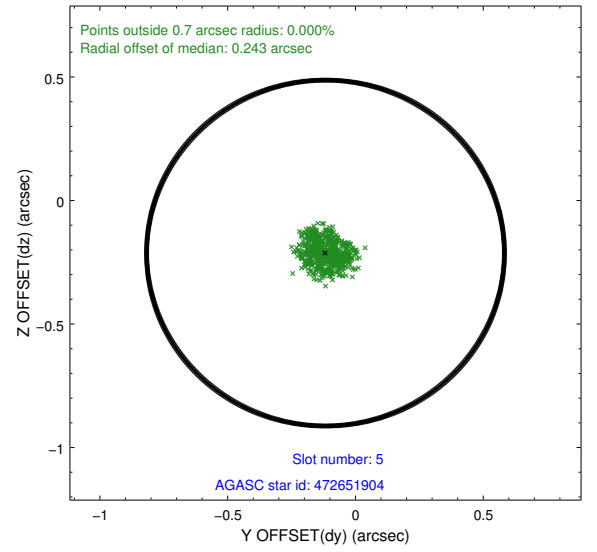
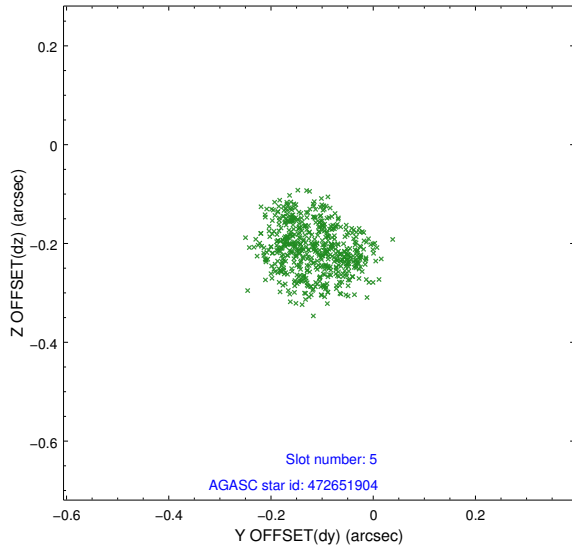
2.4.1 Slot 3



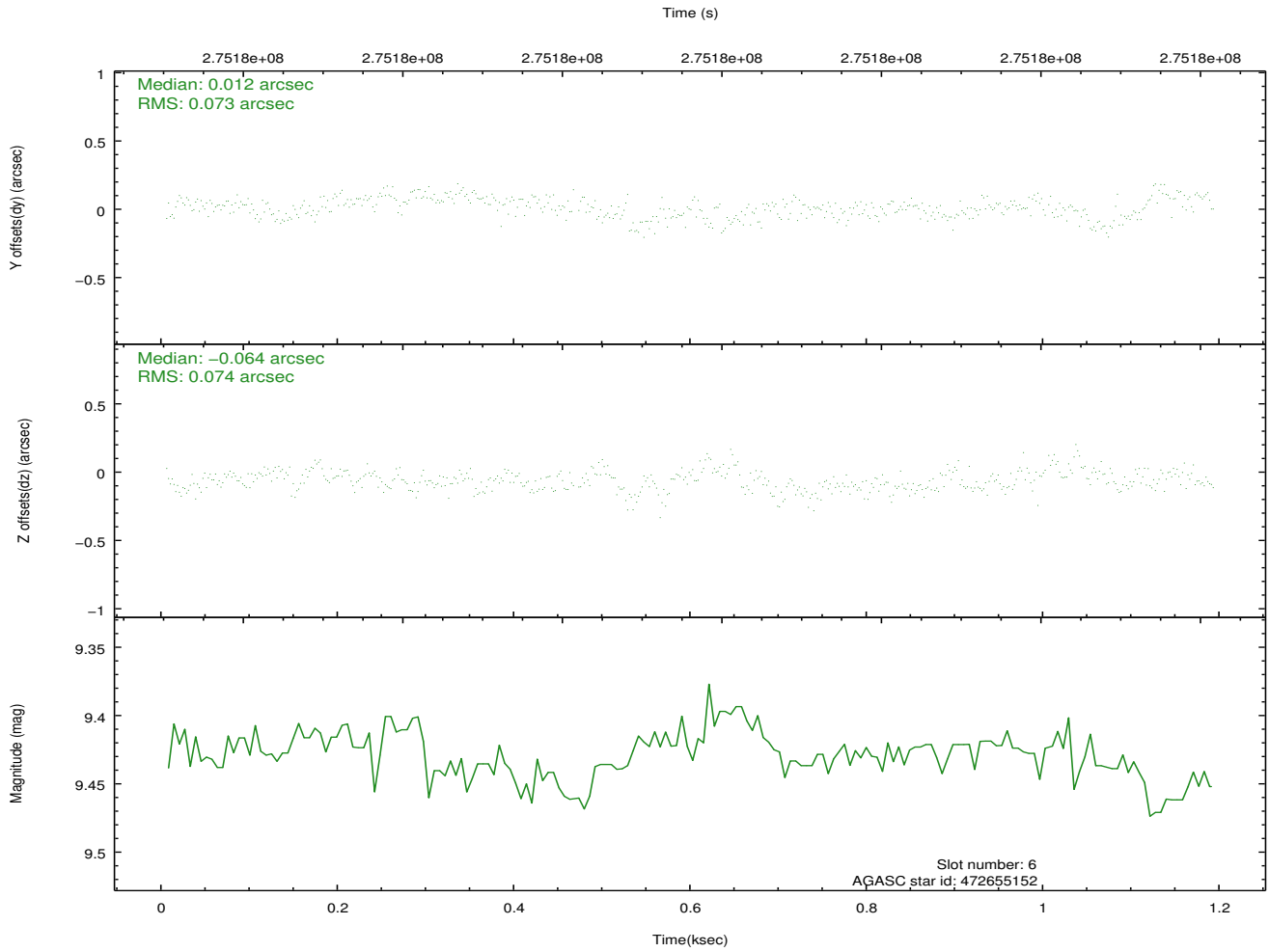
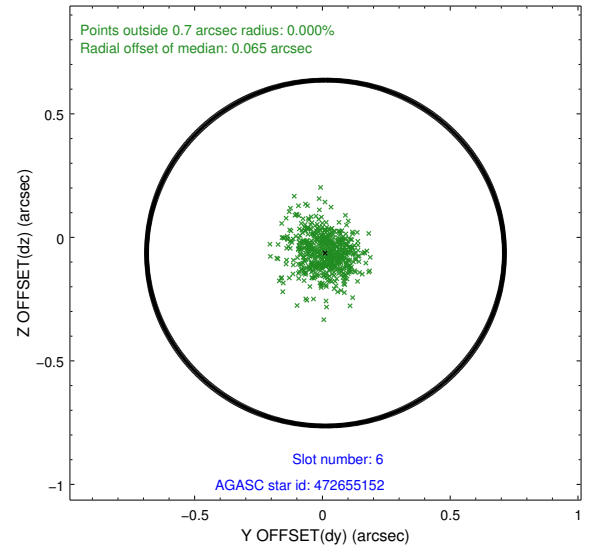
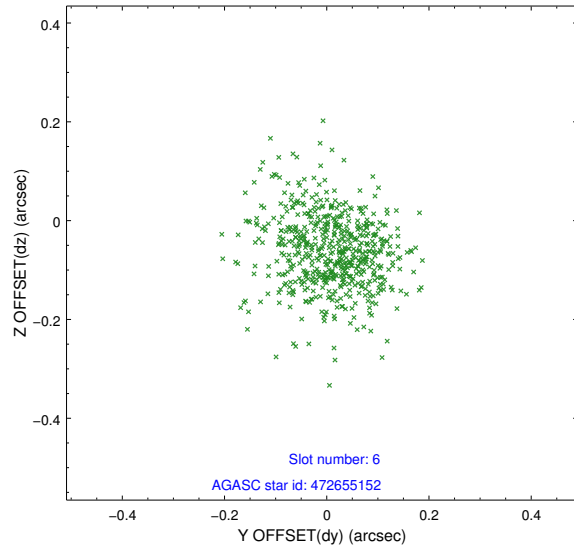
2.4.2 Slot 4



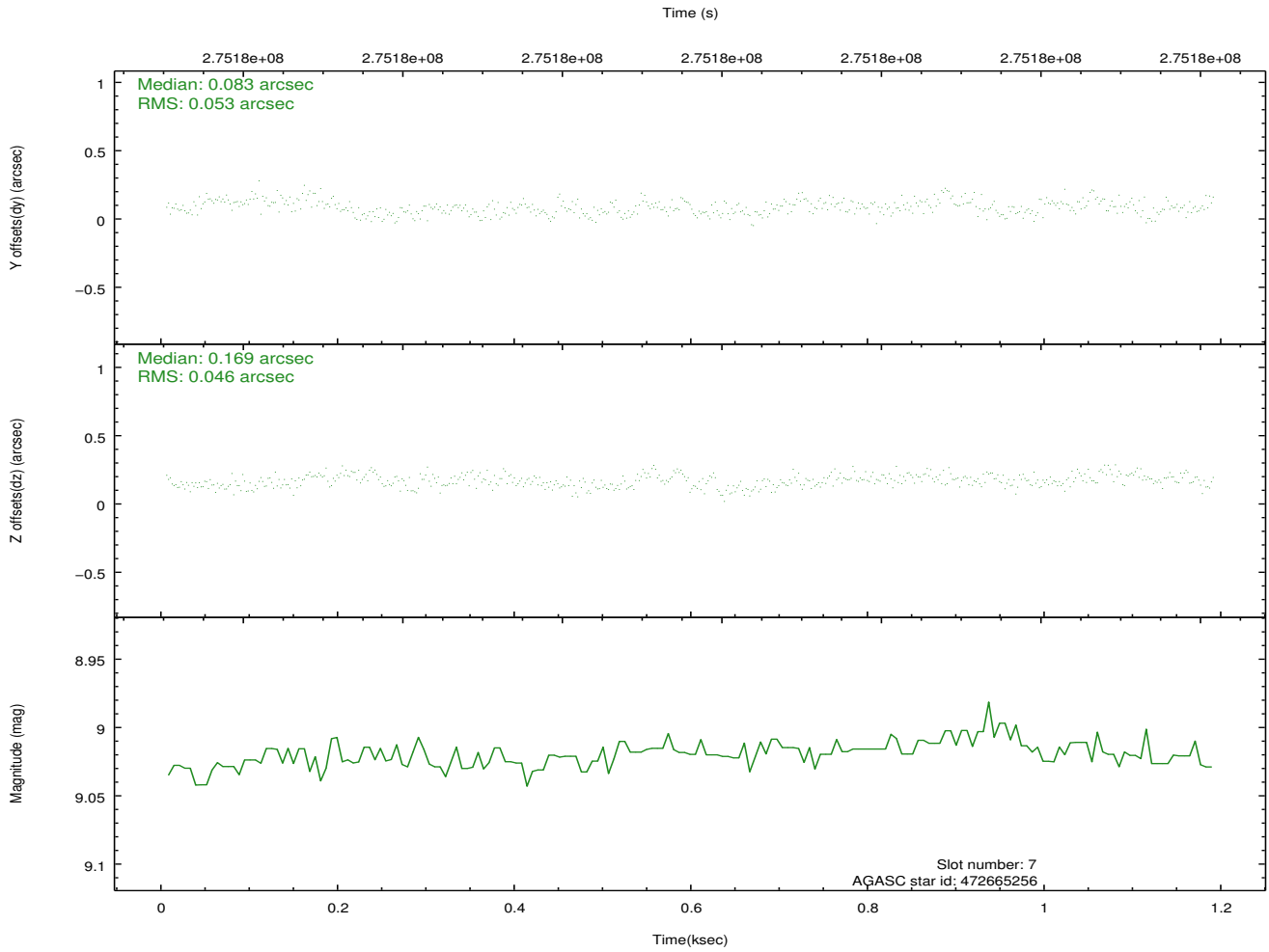
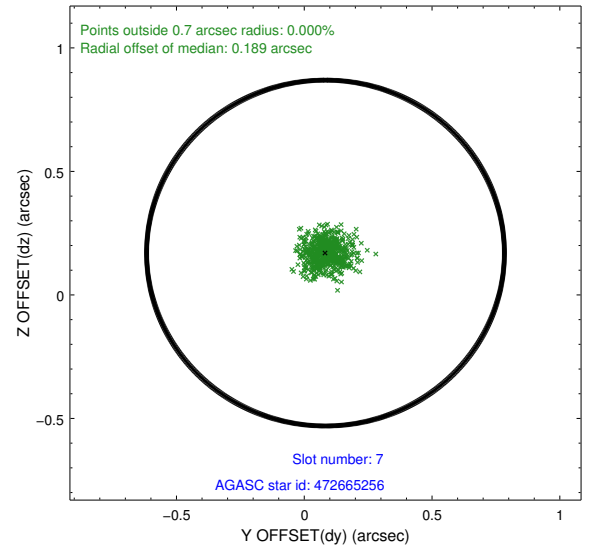
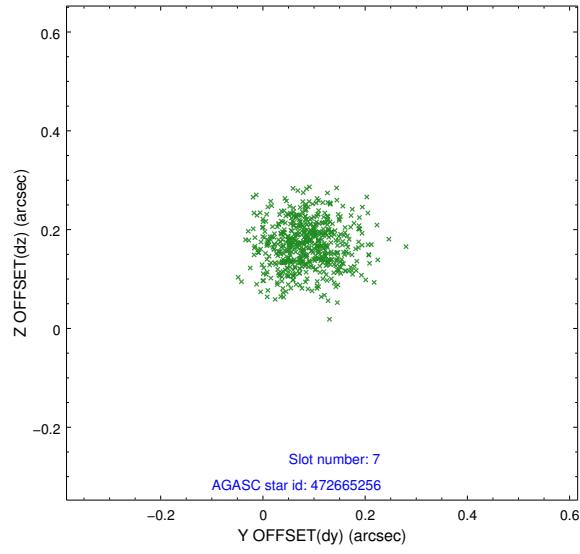
2.4.3 Slot 5



2.4.4 Slot 6

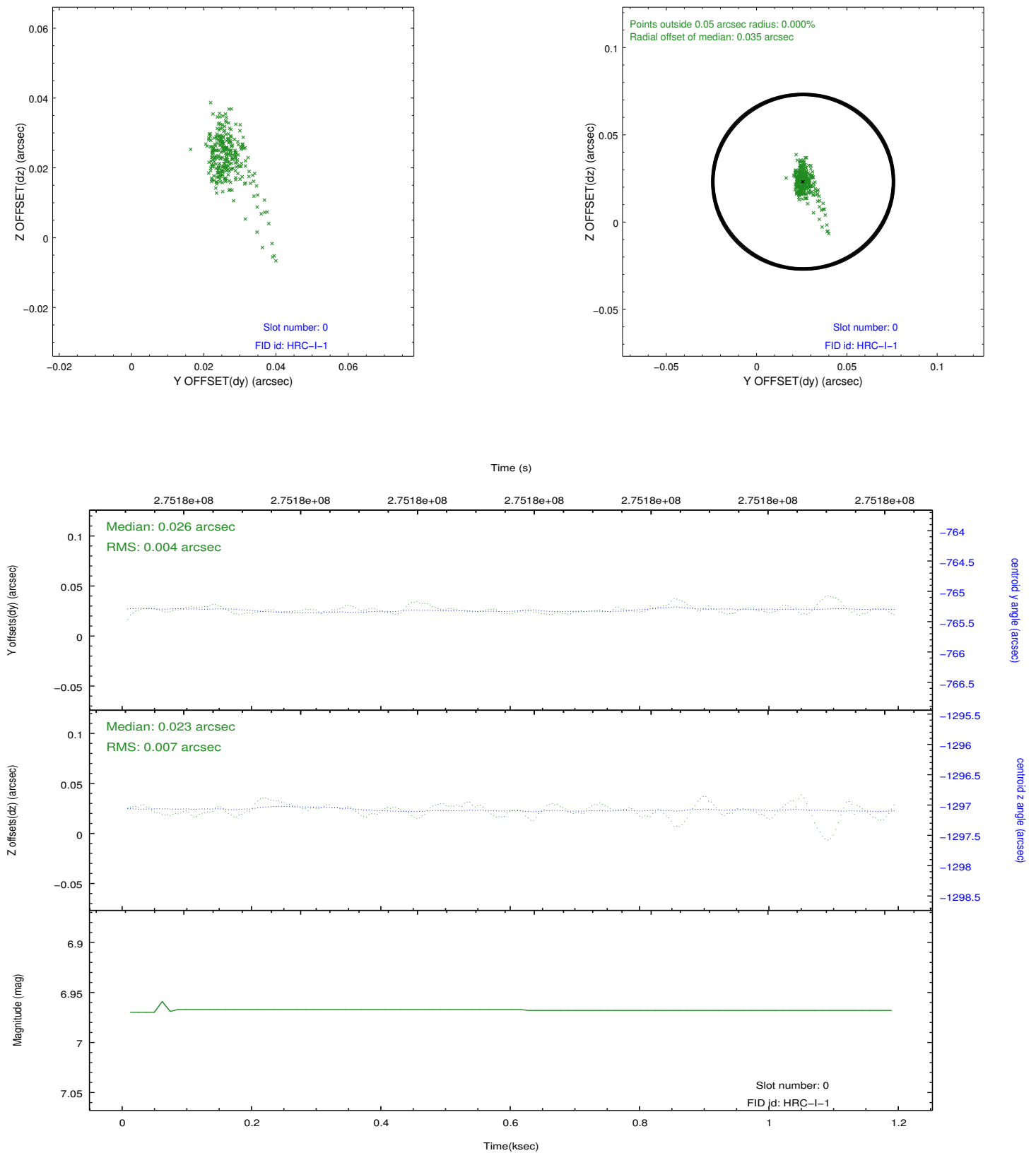


2.4.5 Slot 7

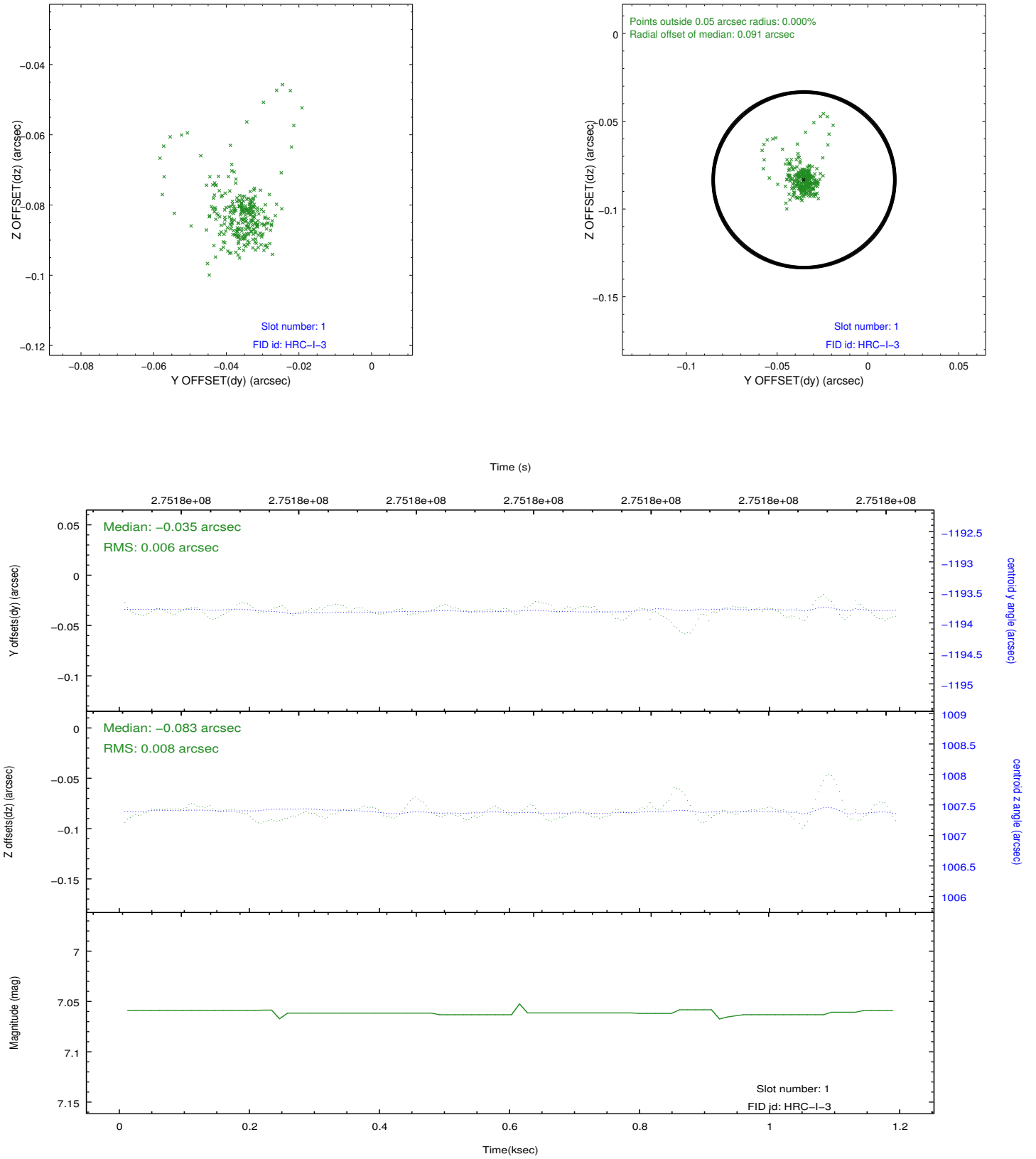


2.5 FID Slots

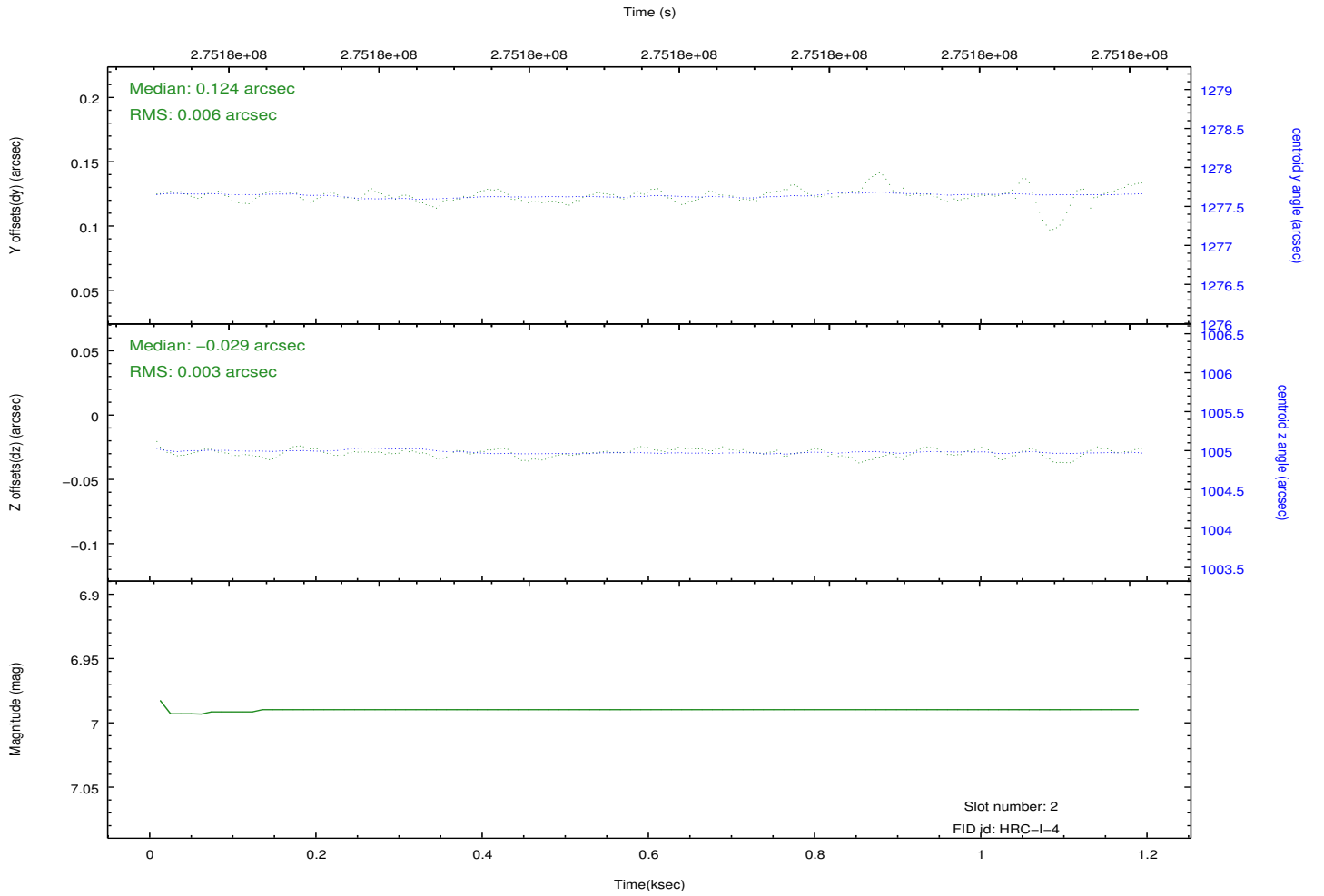
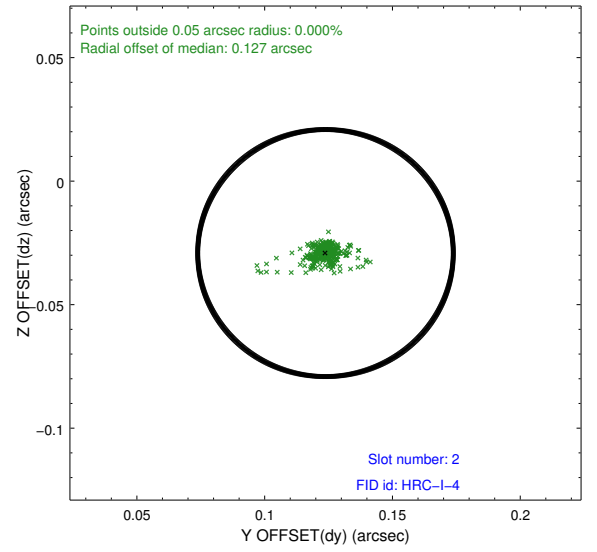
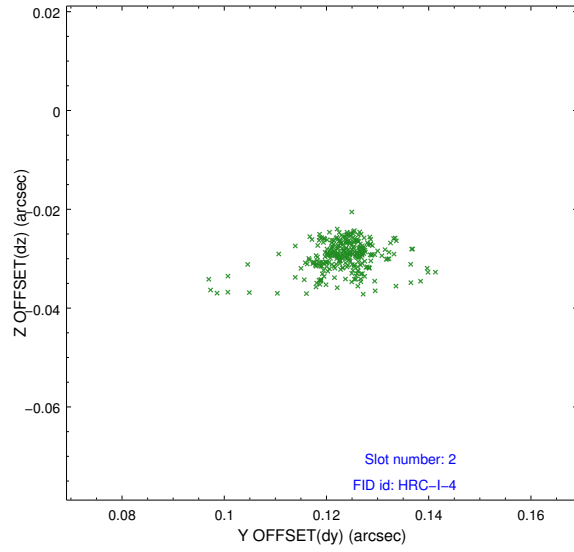
2.5.1 Slot 0



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	1.18592505

A.2 Comments