

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6521 - L2 Version 4
Chandra X-Ray Center

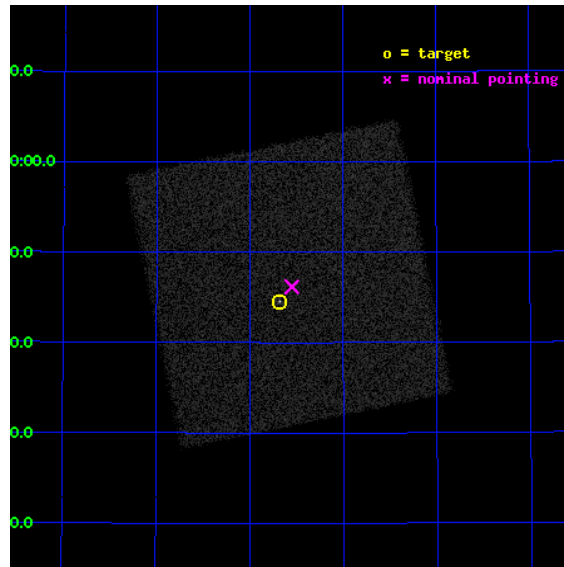
L2 Processing Date : Aug 11 2012

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1 Front

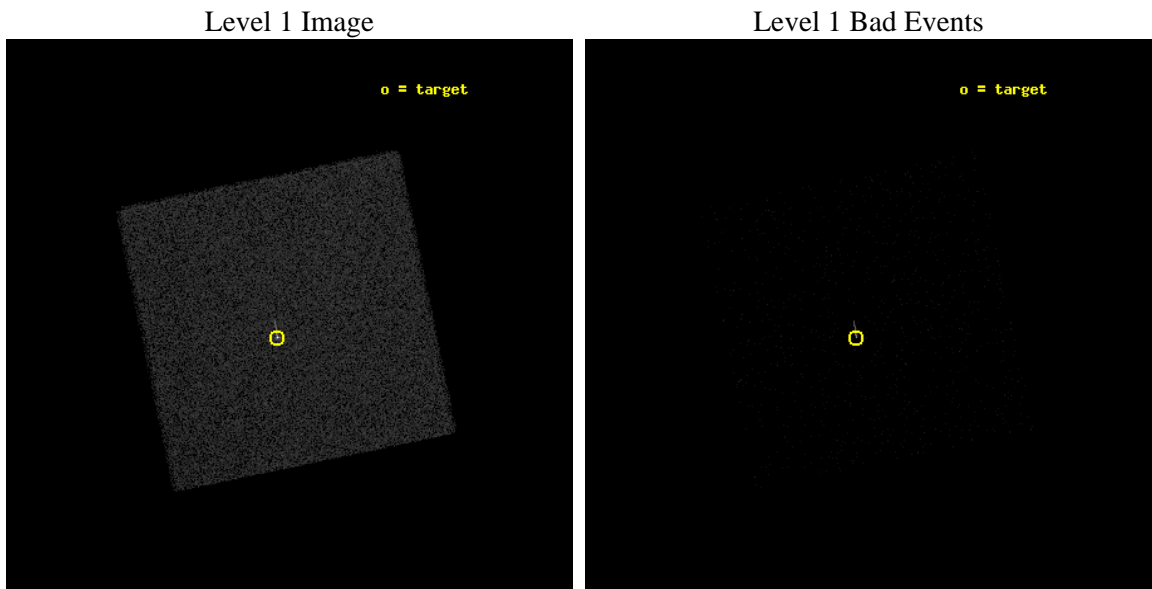
seq_num	290614	Sequence number
obs_id	6521	Observation id
title	AO7 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.13726986268	Nominal RA [deg]
dec_nom	45.769825588012	Nominal Dec [deg]
roll_nom	213.35009964578	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1182.0813056231	[s]
livetime	1171.1088287874	Ontime multiplied by DTCOR
l2events	64121	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	1182.0813056231	[s]
caldbver	4.5.1.1	 	l1events	118209	Number of level 1 events
date	2012-08-11T11:06:35	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

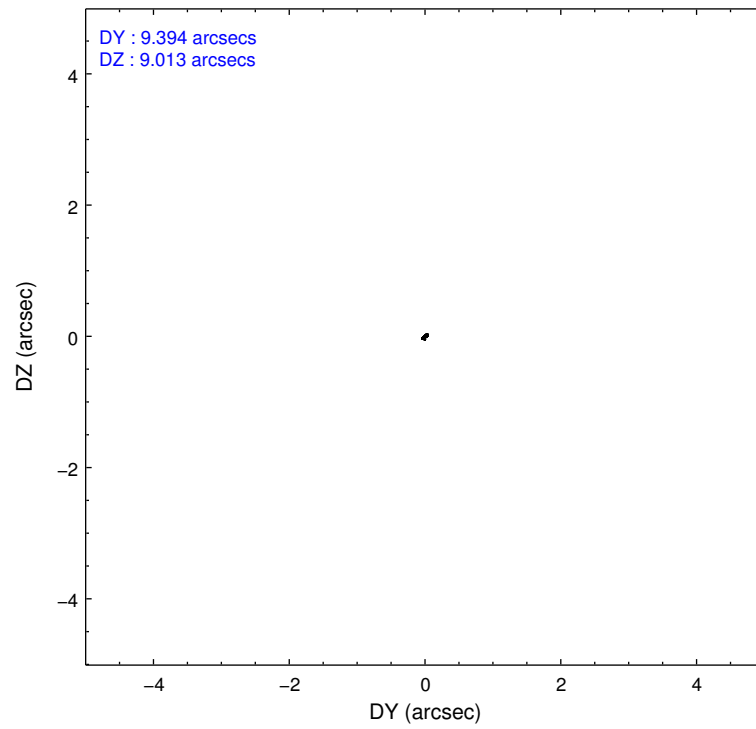
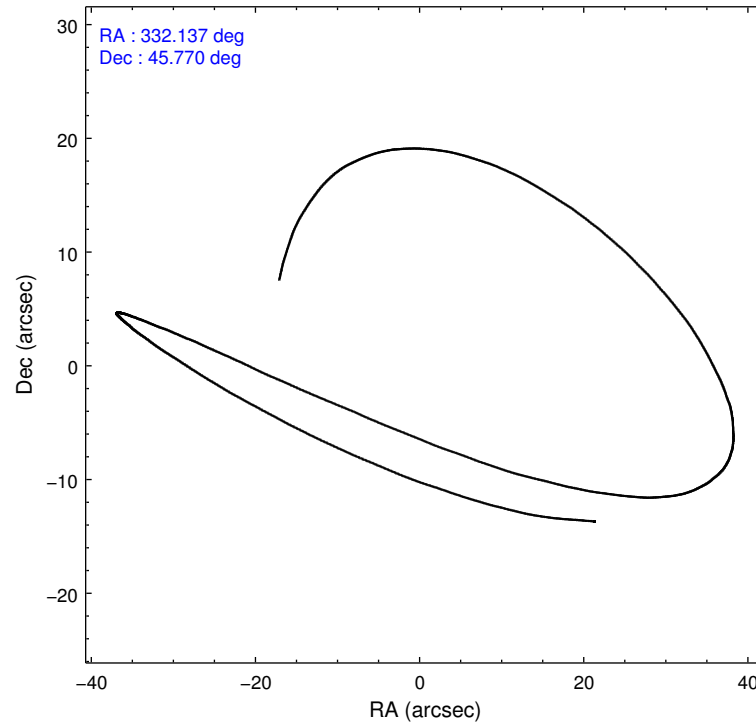
Level 1 Events

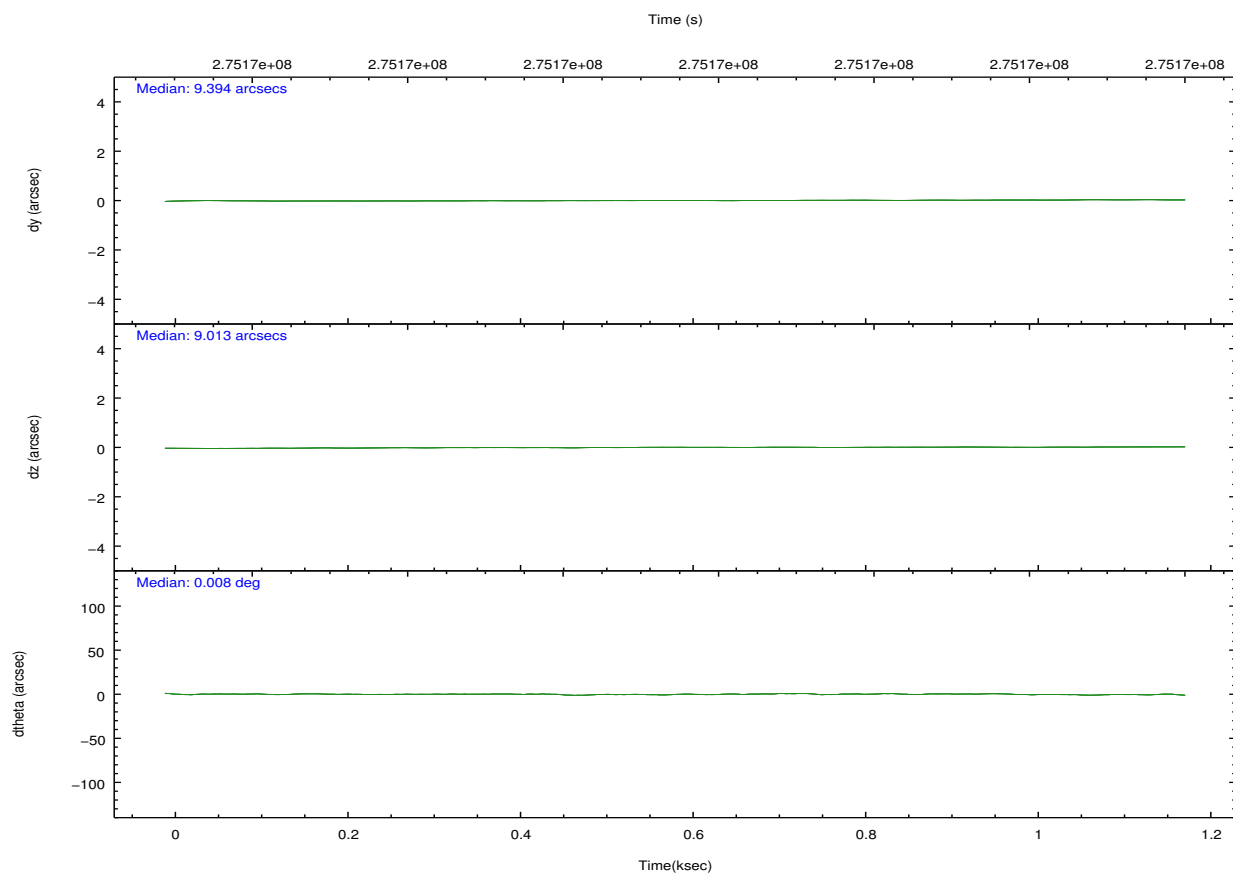
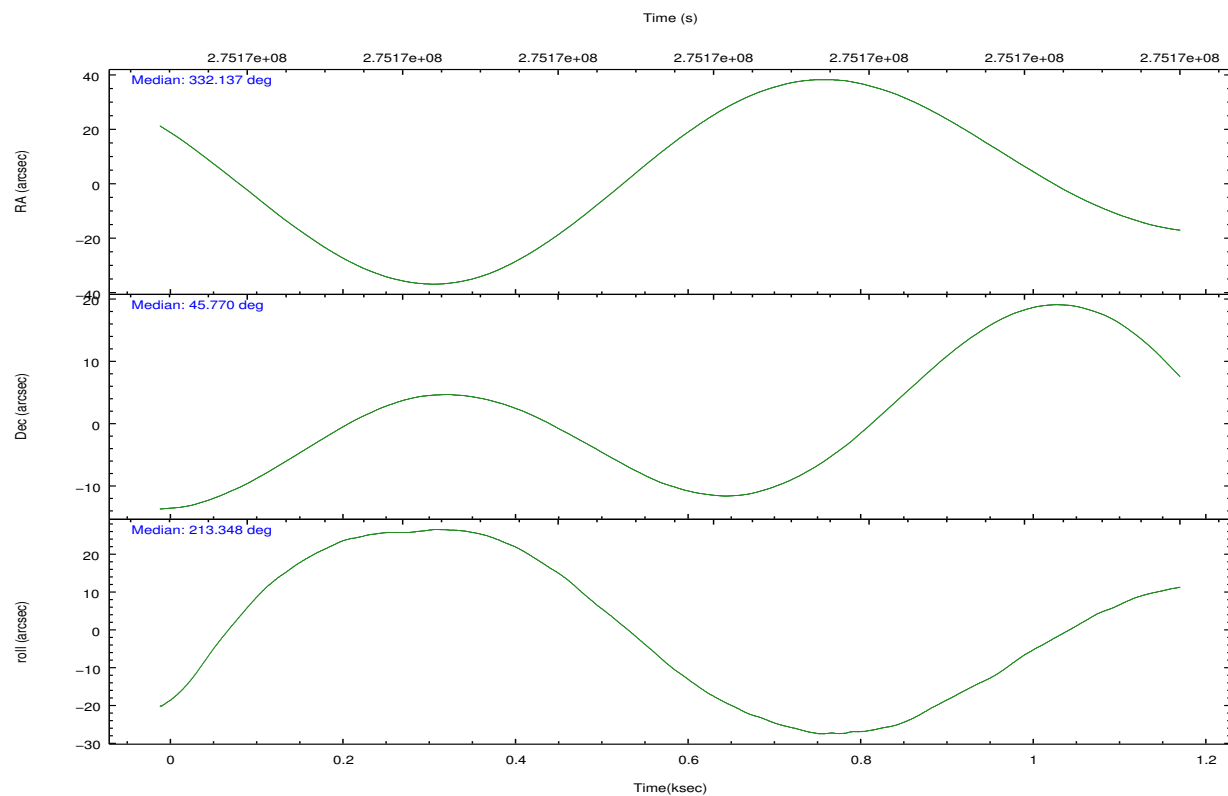
	segment 0
level 1 events	118209
rejected events	25259
rejected %	21%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	332.154429	332.1372698626761			
[deg] Pointing Dec	45.793842	45.76982558801188			
[deg] Pointing Roll	213.433293	213.3500996457794			
[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)	275173322.184000	275172946.05099			
Observation start date	2006-09-20T21:00:57	2006-09-20T20:55:46			
[s] Observation end time (MET)	275174322.184000	275174455.87606			
Observation end date	2006-09-20T21:17:37	2006-09-20T21:20:55			

2.3 Aspect



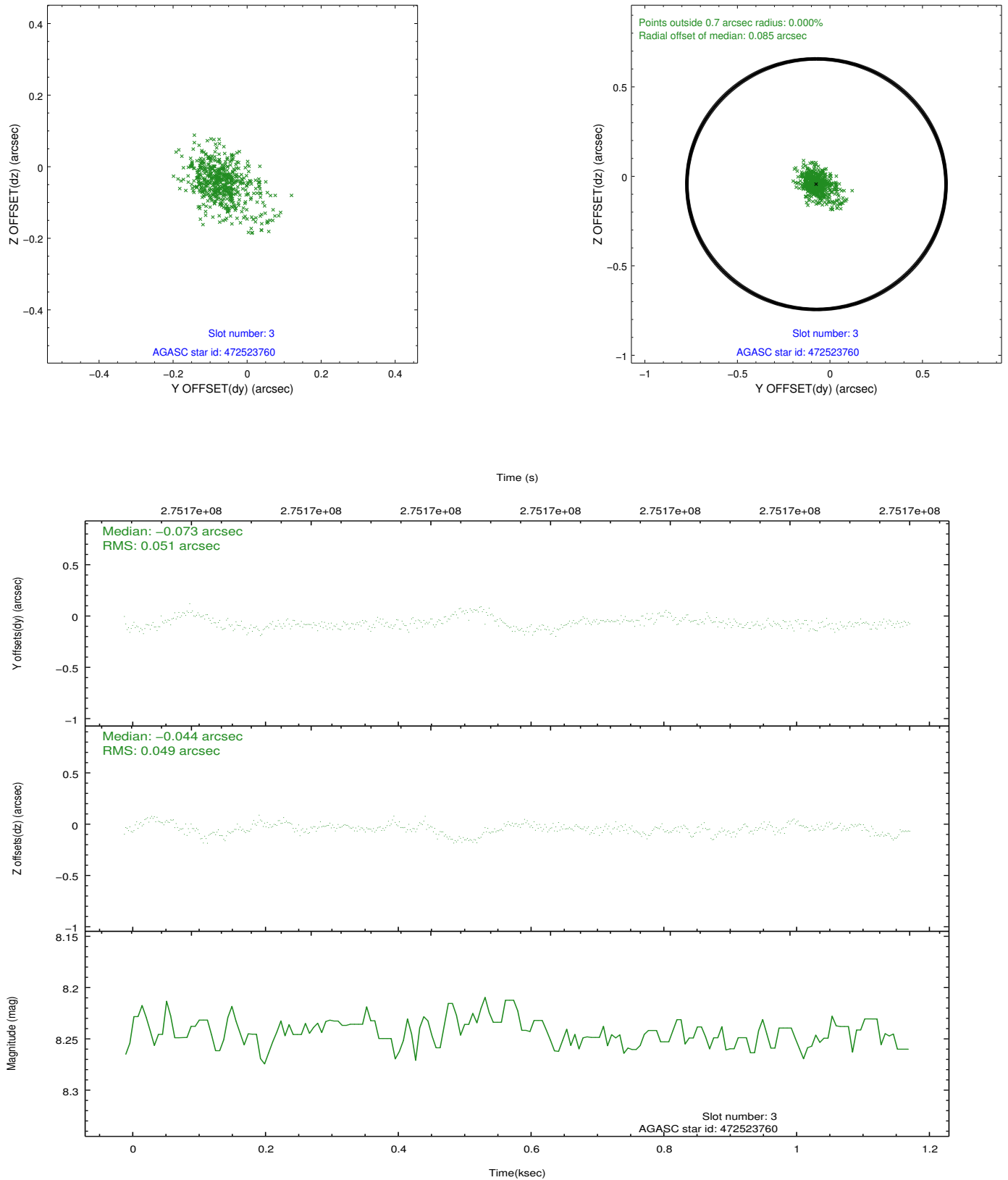


Slot Statistics

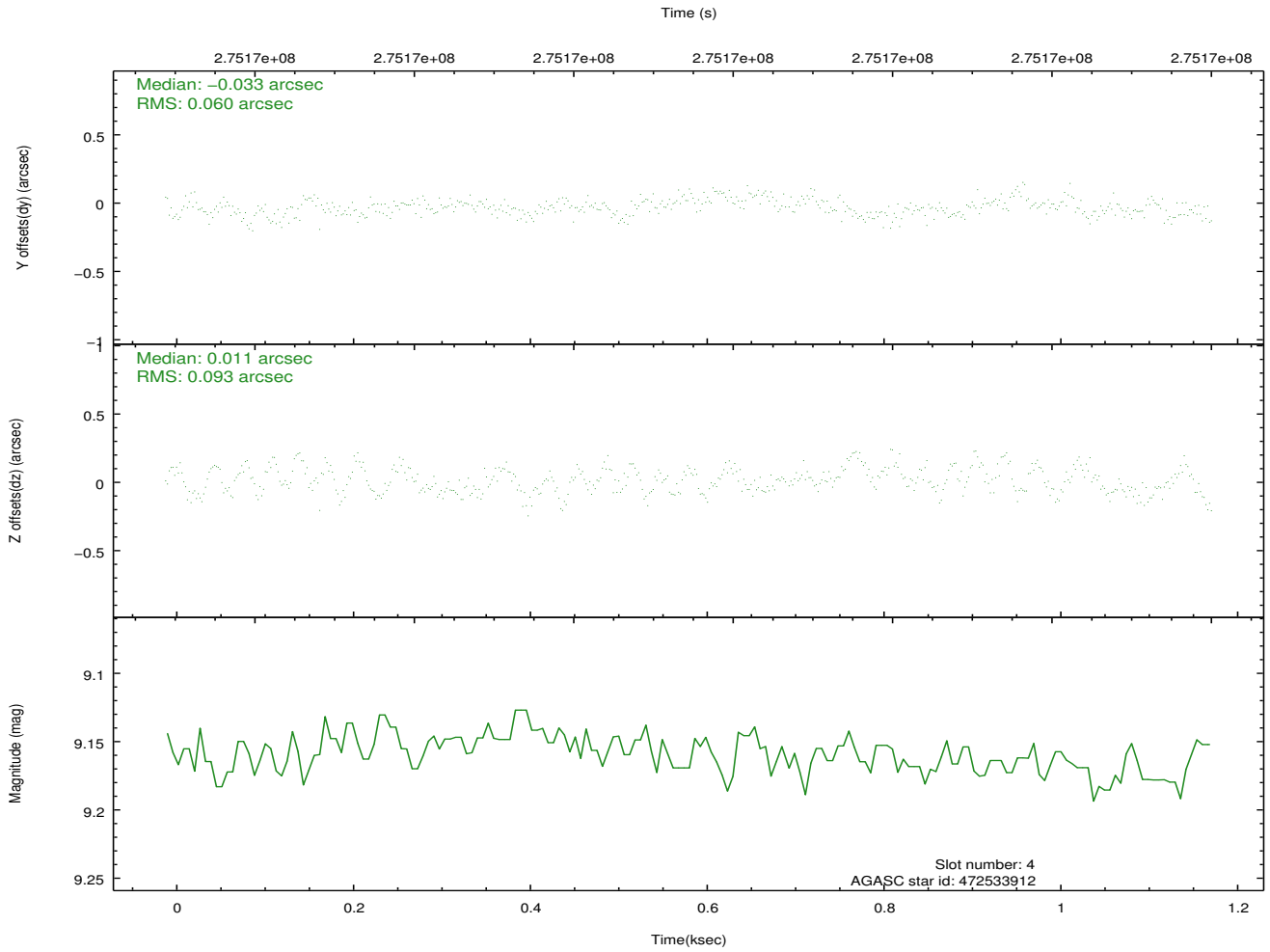
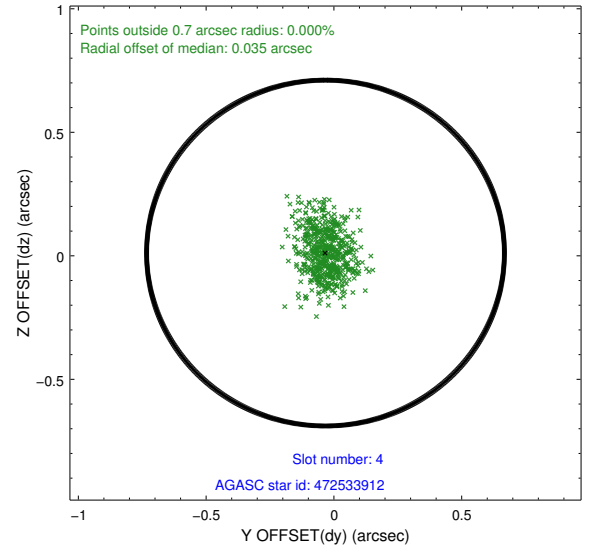
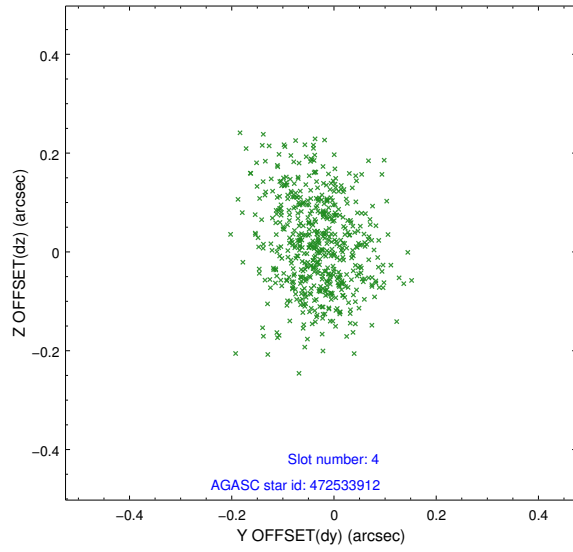
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	289	-0.015	0.058	0.007	0.012	0.000000	0.000000	-765.06	-1296.86
1	FID	HRC-I-2	7.01	289	0.144	-0.104	0.005	0.010	0.000000	0.000000	845.08	-1303.07
2	FID	HRC-I-3	7.05	289	-0.009	-0.042	0.005	0.010	0.000000	0.000000	-1190.62	1003.10
3	GUIDE	472523760	8.25	578	-0.073	-0.044	0.072	0.137	331.645363	45.403260	1846.39	463.48
4	GUIDE	472533912	9.16	577	-0.033	0.011	0.117	0.197	331.791136	46.368695	-384.90	-2222.74
5	GUIDE	472655152	9.43	571	-0.020	-0.140	0.115	0.188	332.504239	45.862991	-870.75	272.46
6	GUIDE	472665256	9.01	578	0.084	0.084	0.086	0.134	332.808125	46.195041	-2160.15	-310.52
7	GUIDE	420754040	9.09	577	0.034	0.097	0.086	0.139	331.917939	44.882543	2306.17	2407.01

2.4 Star Slots

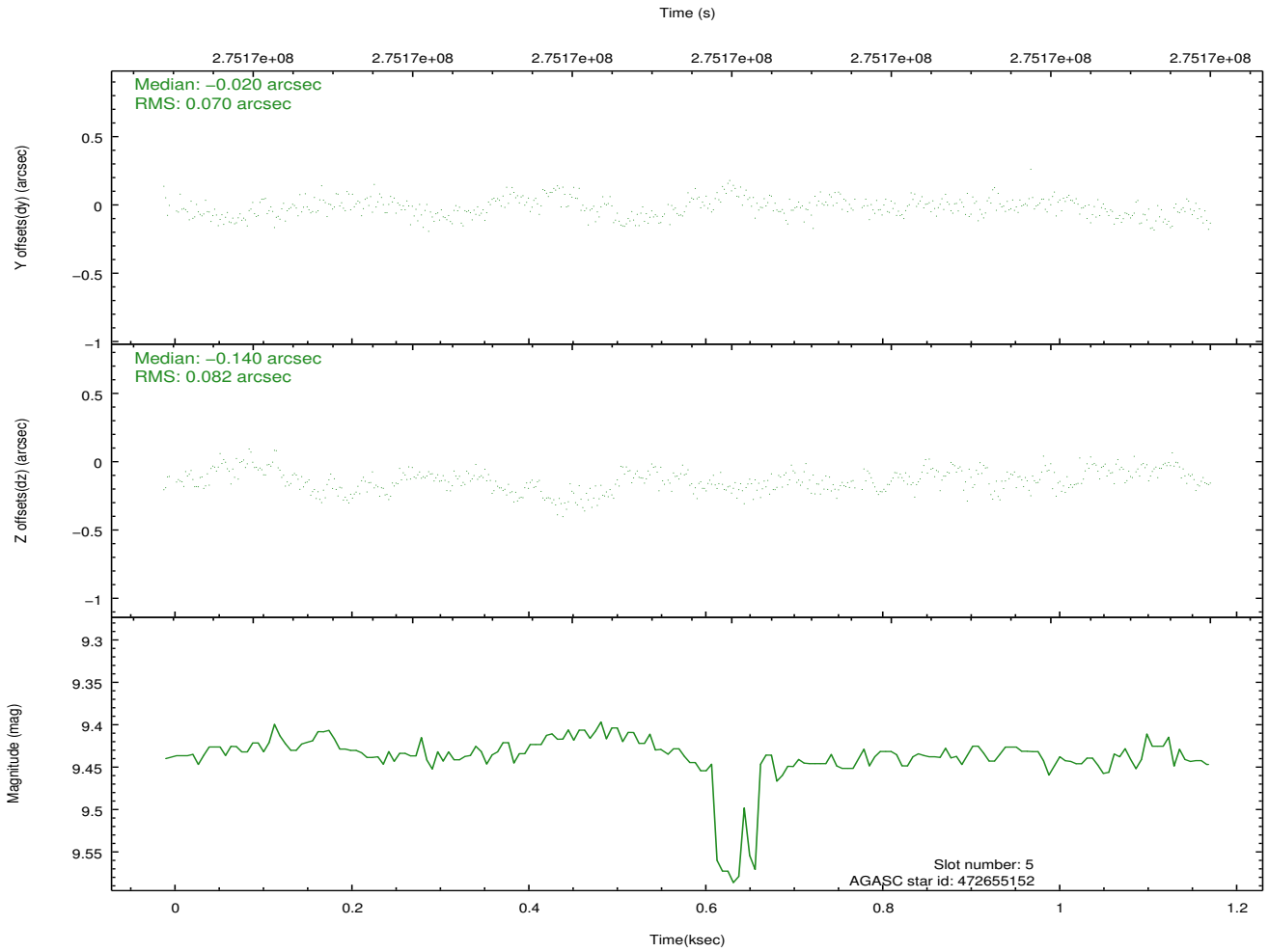
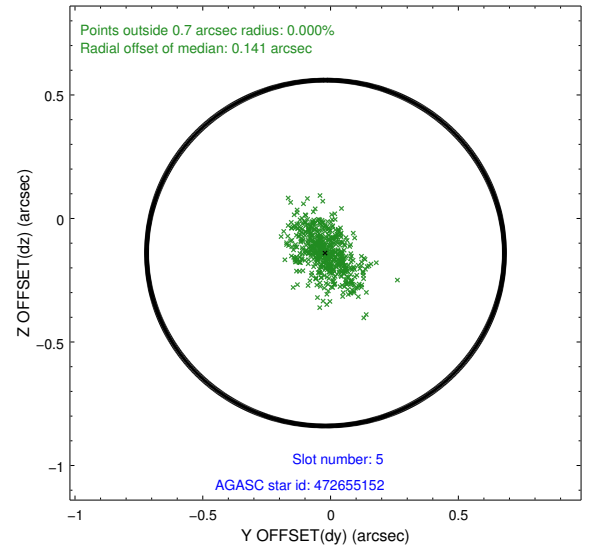
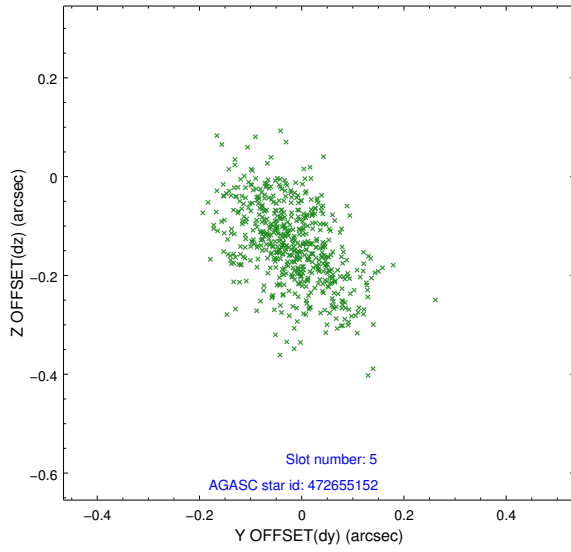
2.4.1 Slot 3



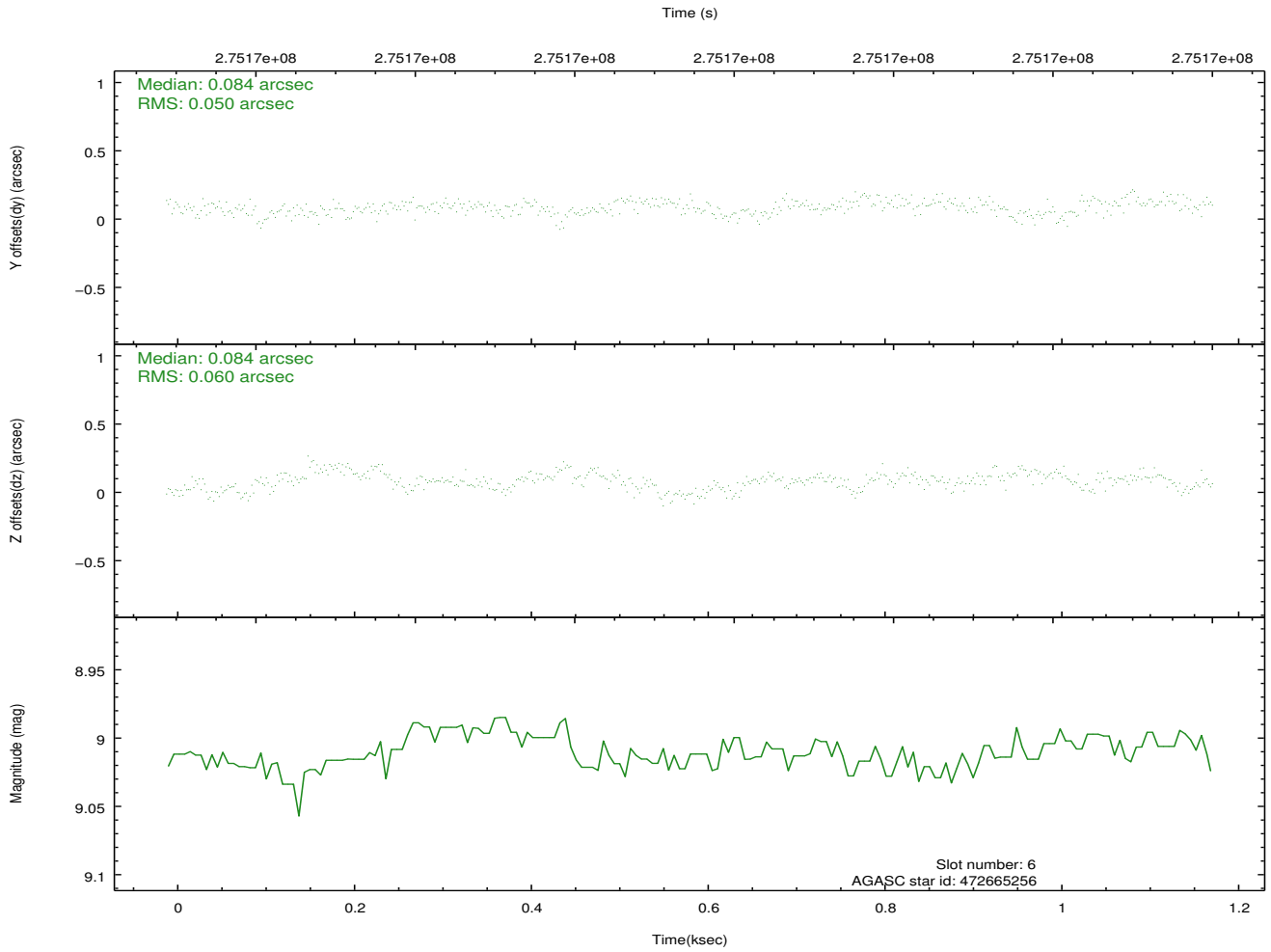
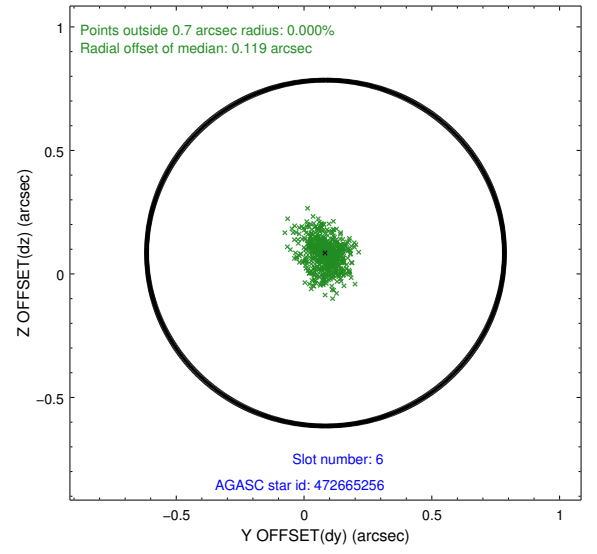
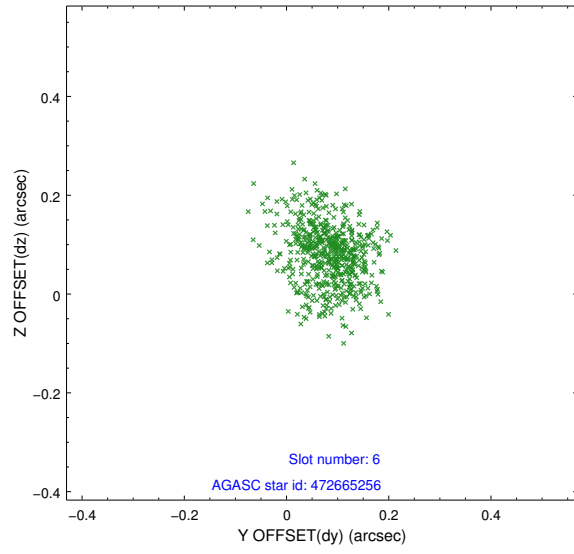
2.4.2 Slot 4



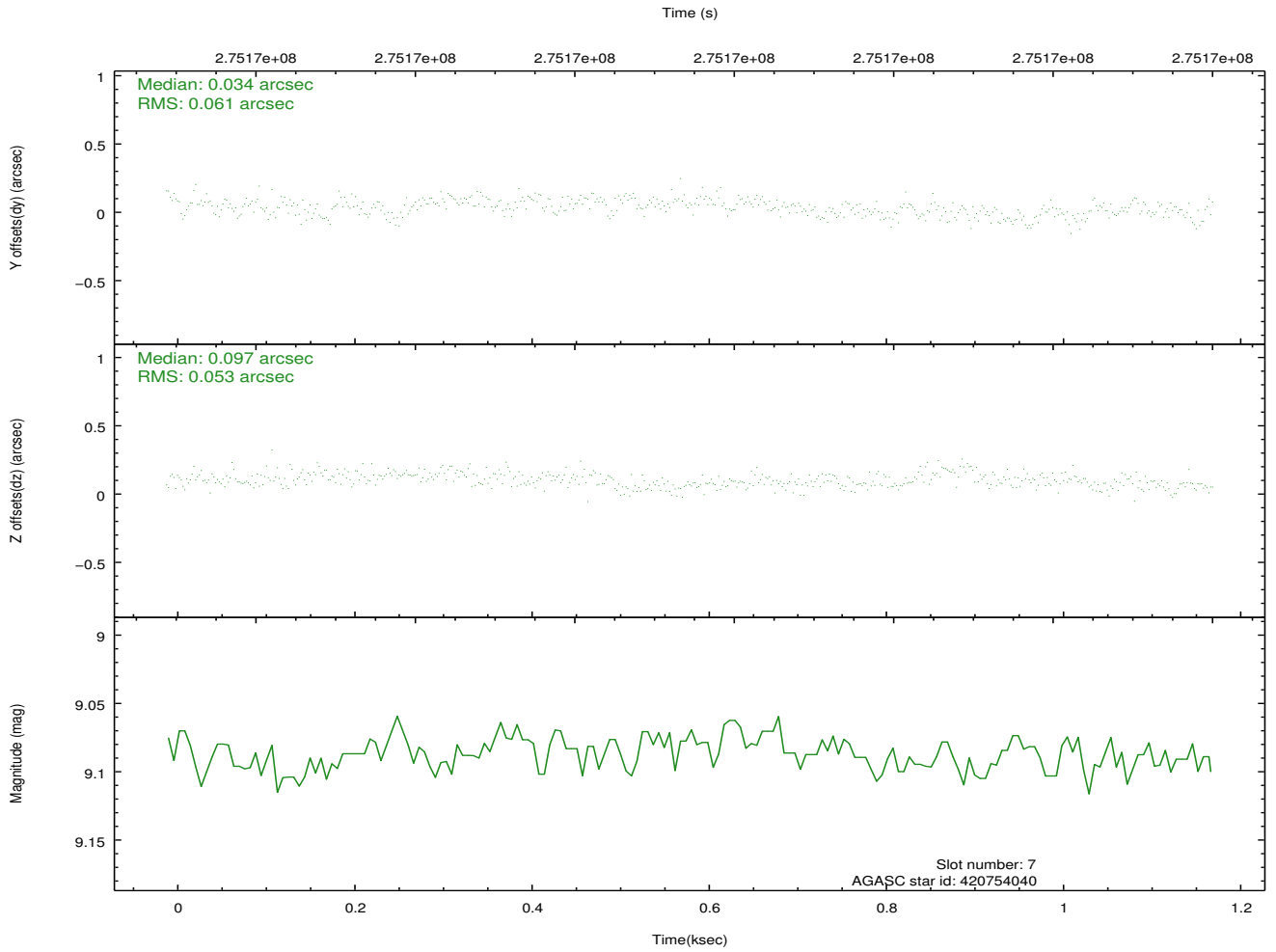
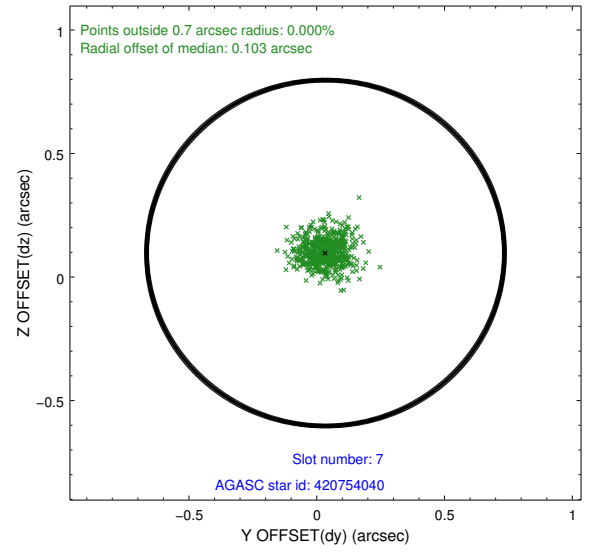
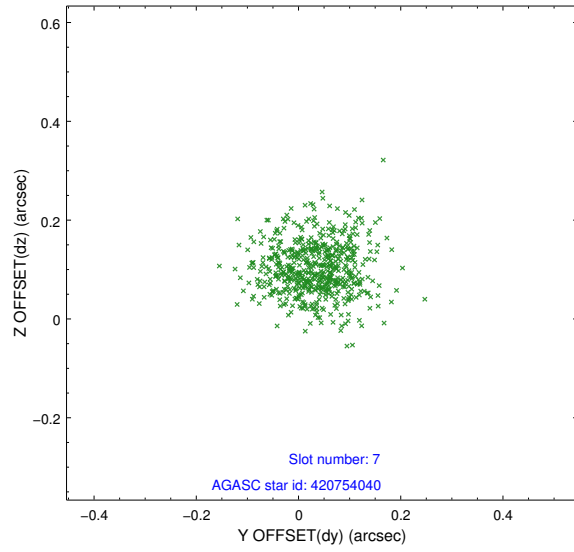
2.4.3 Slot 5



2.4.4 Slot 6

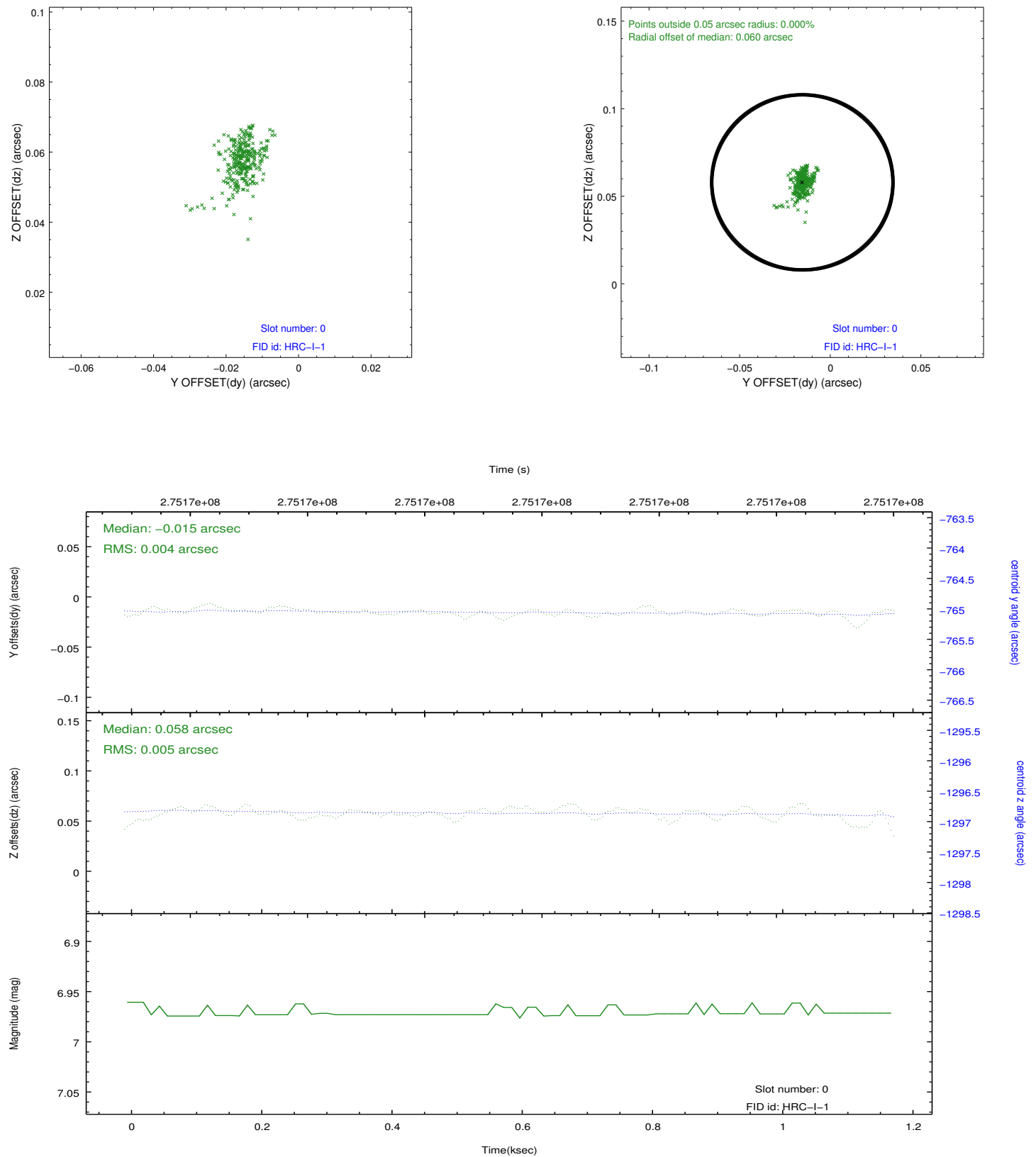


2.4.5 Slot 7

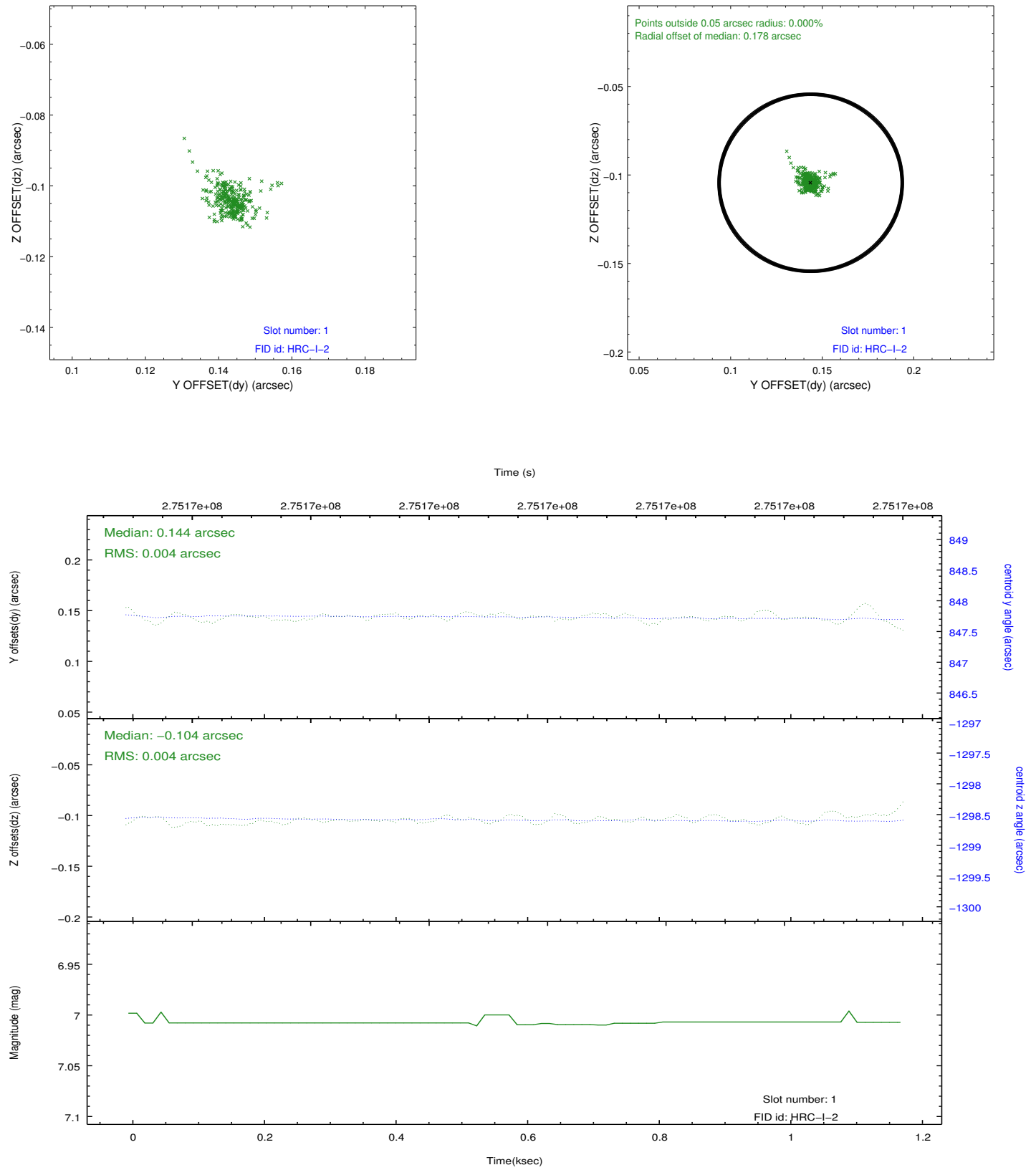


2.5 FID Slots

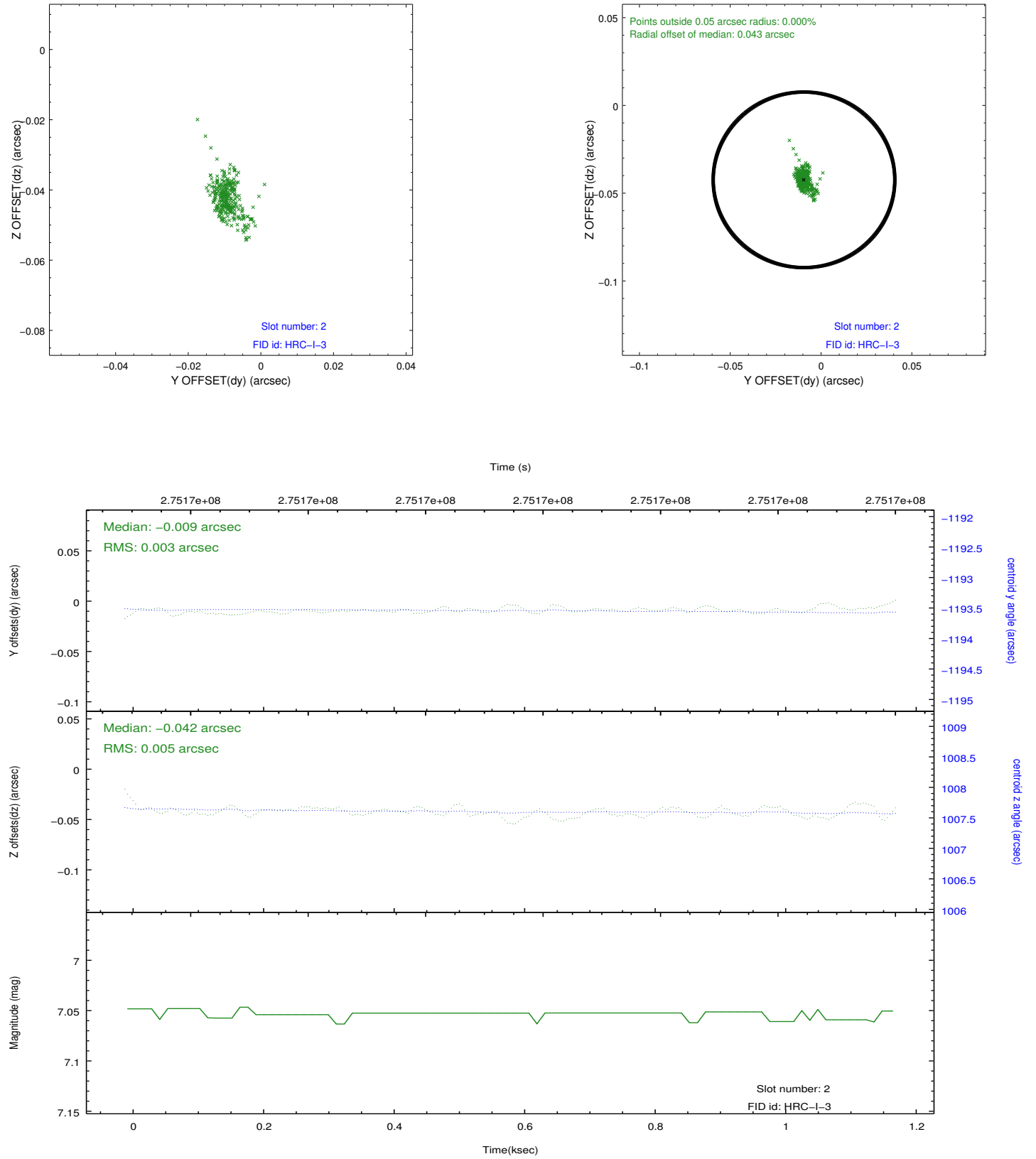
2.5.1 Slot 0



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	1.1820813

A.2 Comments