

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8317 - L2 Version 4
Chandra X-Ray Center

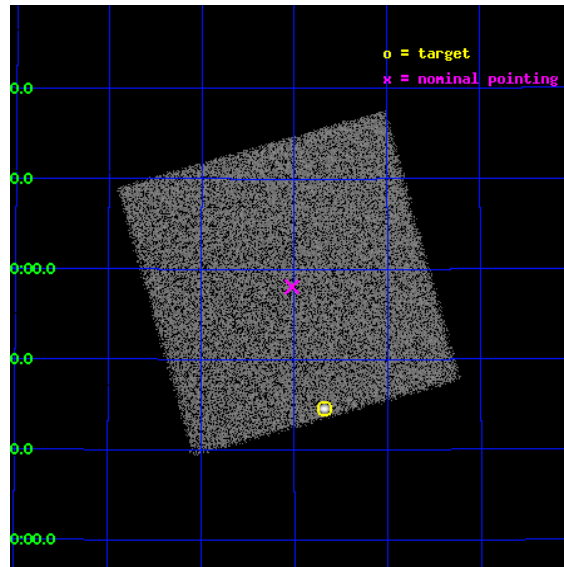
L2 Processing Date : Aug 11 2012

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1 Front

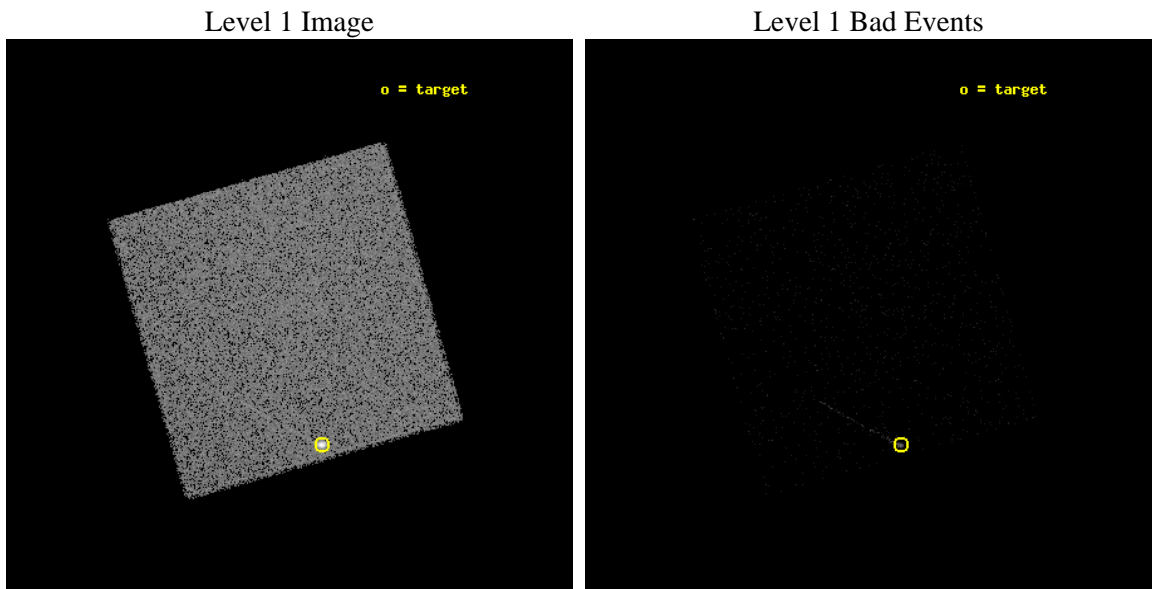
seq_num	290696	Sequence number
obs_id	8317	Observation id
title	AO8 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.2567264411	Nominal RA [deg]
dec_nom	45.967683406214	Nominal Dec [deg]
roll_nom	209.15536269186	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1186.181307137	[s]
livetime	1173.9247390414	Ontime multiplied by DTCOR
l2events	71515	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	1186.181307137	[s]
caldsver	4.5.1.1	 	l1events	133230	Number of level 1 events
date	2012-08-12T02:35:19	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

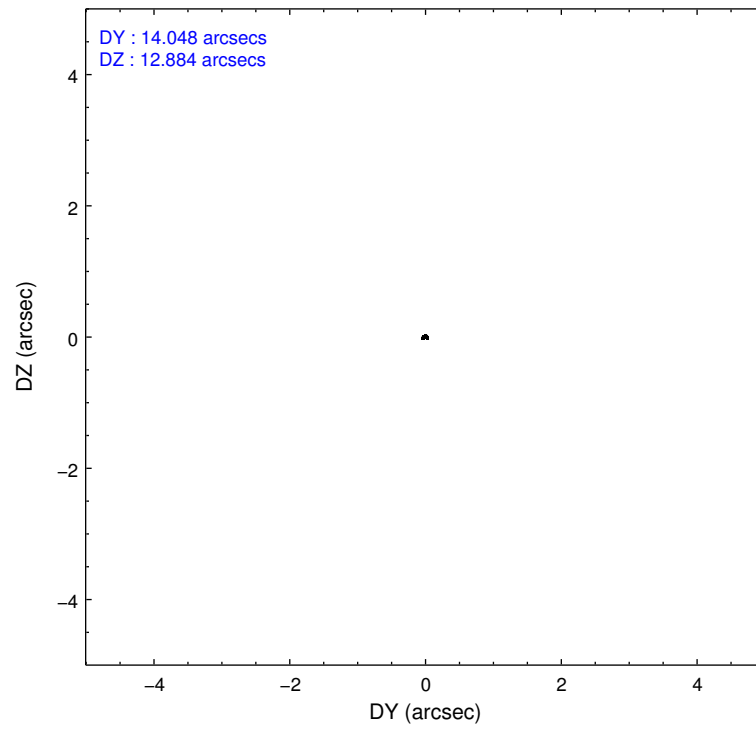
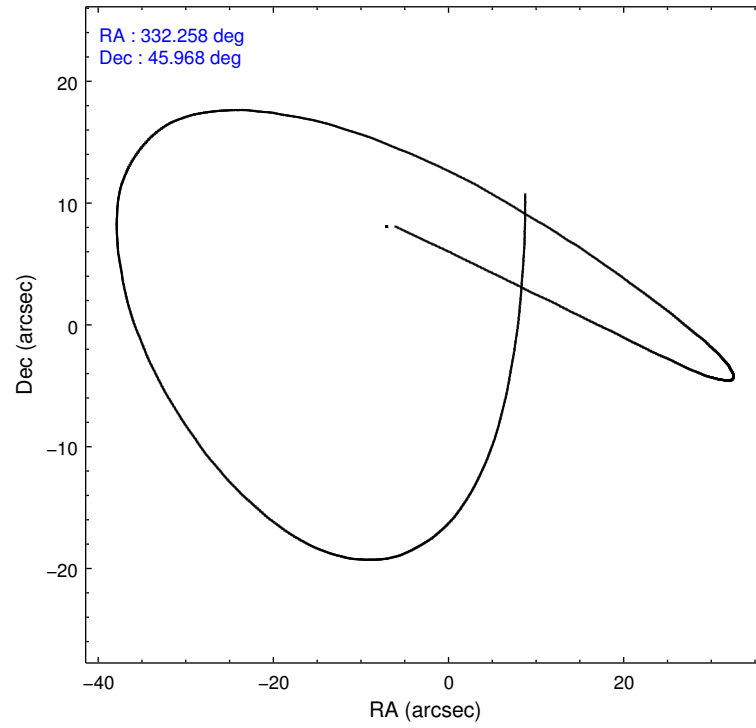
	segment 0
level 1 events	133230
rejected events	28283
rejected %	21%

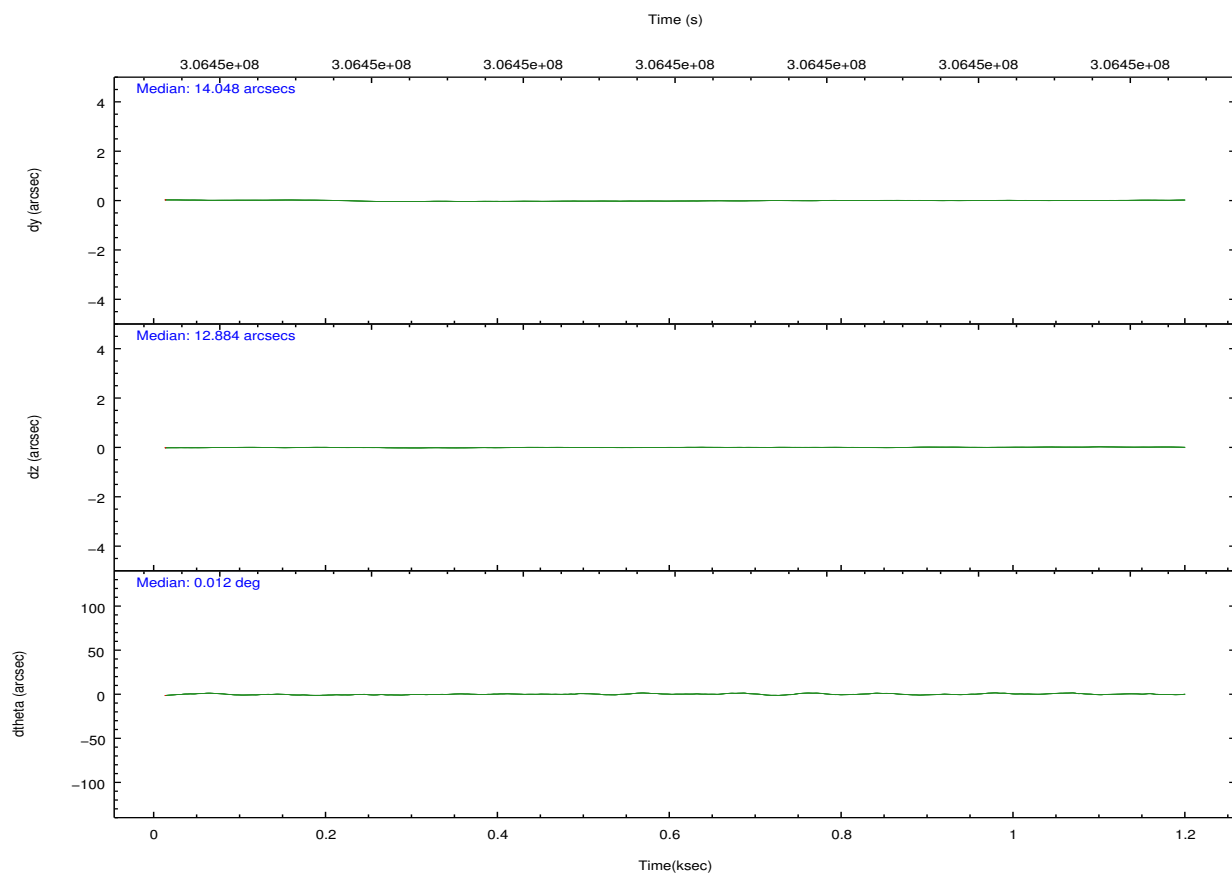
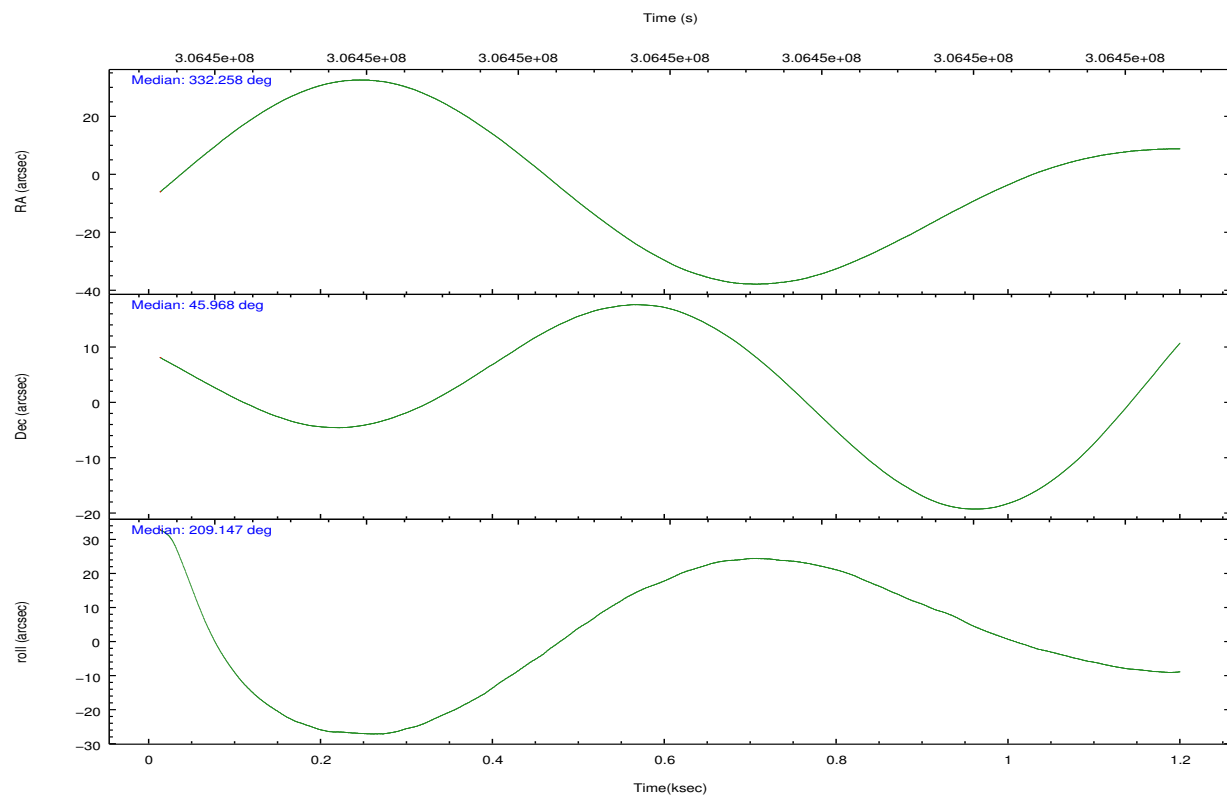
2.2 Compared Parameters

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	332.274945	332.2567264410954
[deg] Pointing Dec	45.992306	45.96768340621424
[deg] Pointing Roll	209.237380	209.155362691859
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9854943052878
[mm] SIM translation stage offset	0	-5.413686238853188e-06
[s] Observation start time (MET)	306453192.184000	306452816.16456
Observation start date	2007-09-17T21:52:07	2007-09-17T21:46:56
[s] Observation end time (MET)	306454192.184000	306454325.98964
Observation end date	2007-09-17T22:08:47	2007-09-17T22:12:05

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

2.3 Aspect



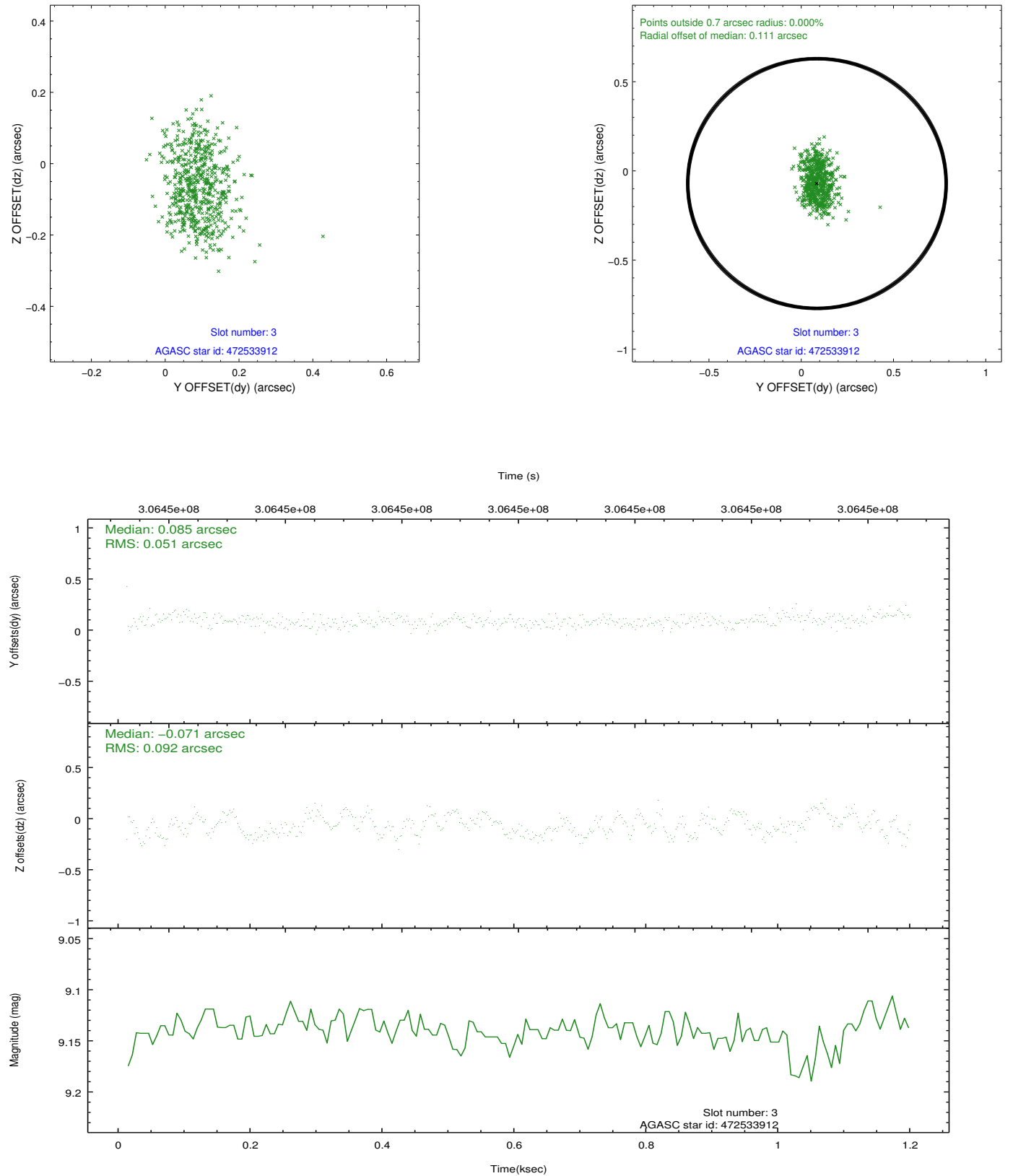


Slot Statistics

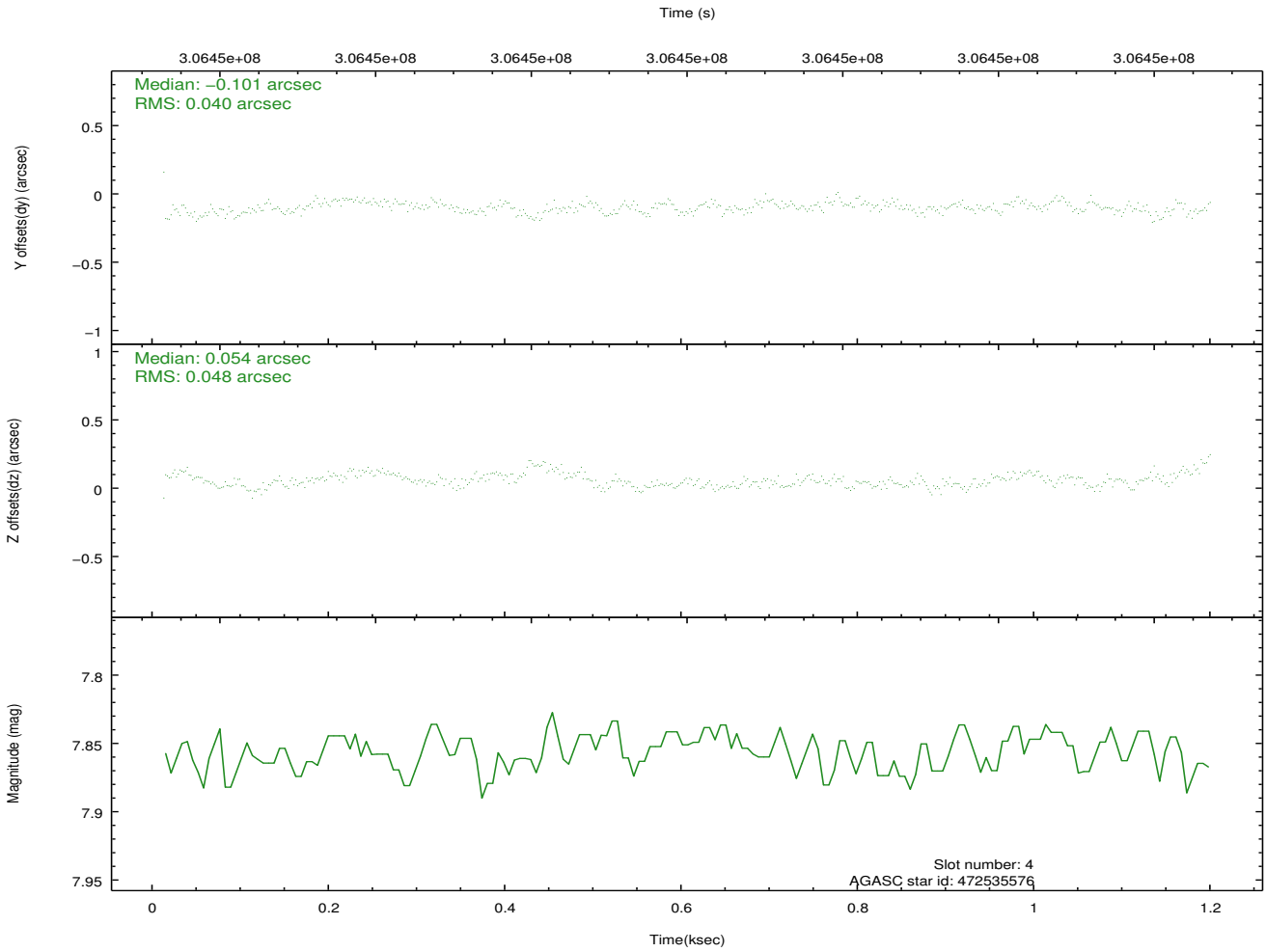
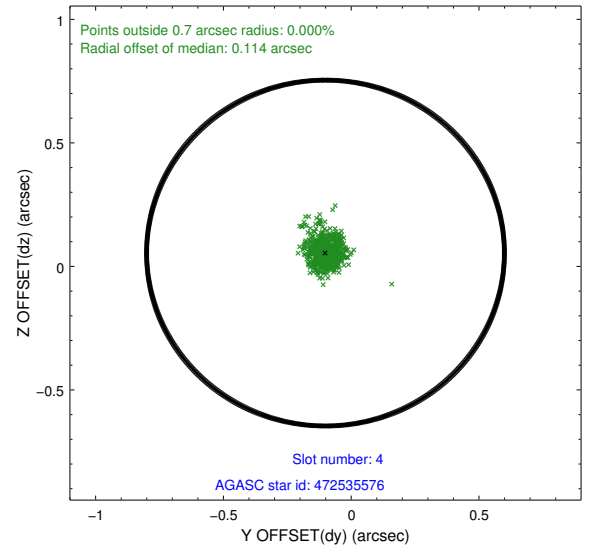
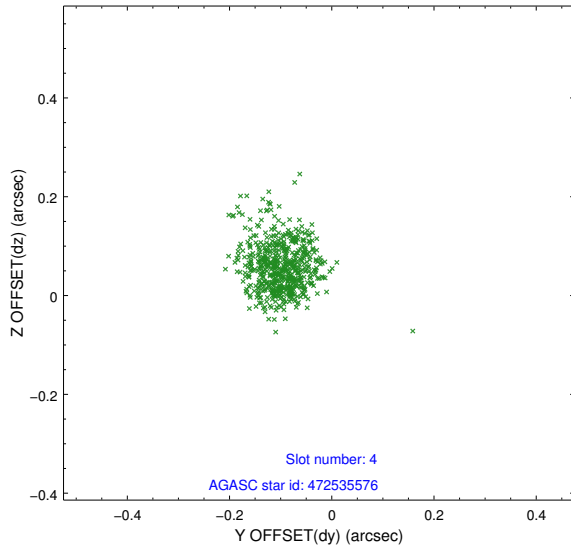
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	290	-0.098	0.013	0.007	0.013	0.000000	0.000000	-769.99	-1300.90
1	FID	HRC-I-2	7.02	290	0.206	-0.092	0.007	0.013	0.000000	0.000000	840.29	-1307.14
2	FID	HRC-I-4	7.01	290	0.009	-0.013	0.008	0.017	0.000000	0.000000	1275.93	996.63
3	GUIDE	472533912	9.14	579	0.085	-0.071	0.113	0.180	331.791136	46.368695	386.55	-1776.71
4	GUIDE	472535576	7.86	579	-0.101	0.054	0.065	0.106	331.438373	46.291802	1285.84	-1973.73
5	GUIDE	472536328	8.13	580	-0.076	0.109	0.065	0.107	331.496671	46.454831	870.01	-2411.27
6	GUIDE	472523760	8.25	580	-0.072	0.033	0.067	0.106	331.645363	45.403260	2423.80	1059.84
7	GUIDE	472655152	9.43	579	0.170	-0.135	0.109	0.188	332.504239	45.862991	-269.29	683.93

2.4 Star Slots

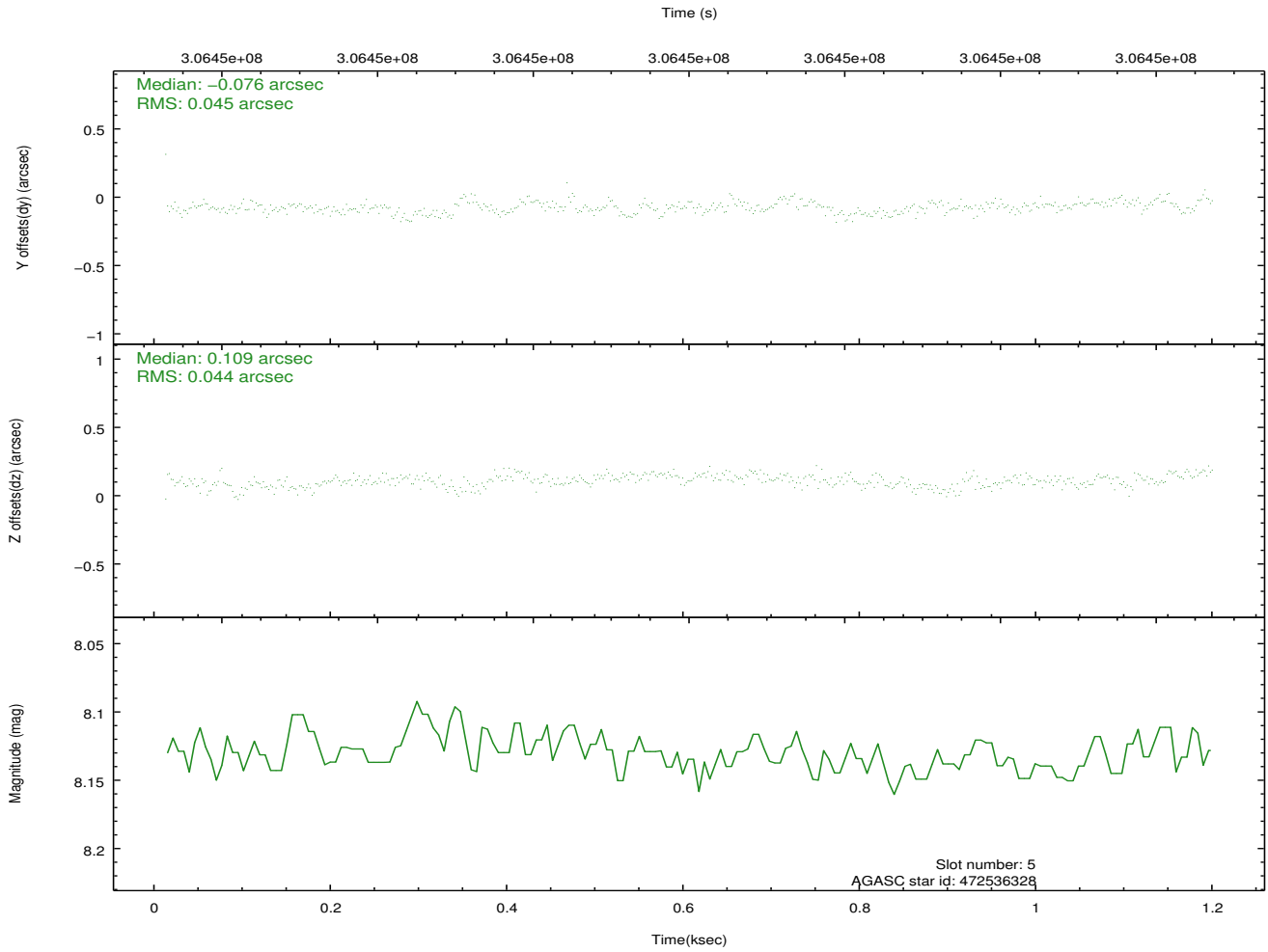
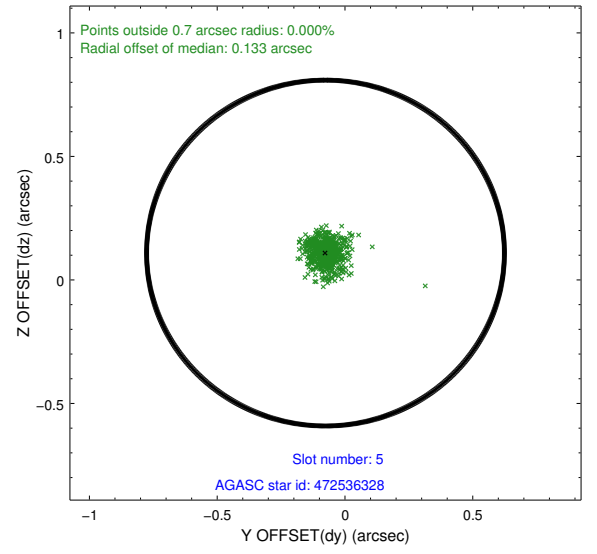
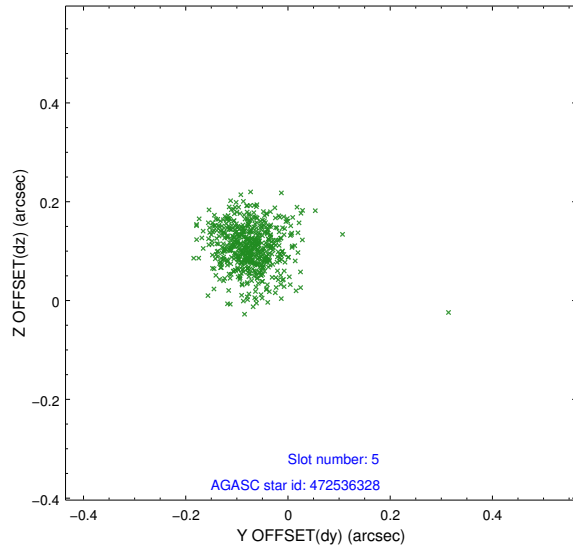
2.4.1 Slot 3



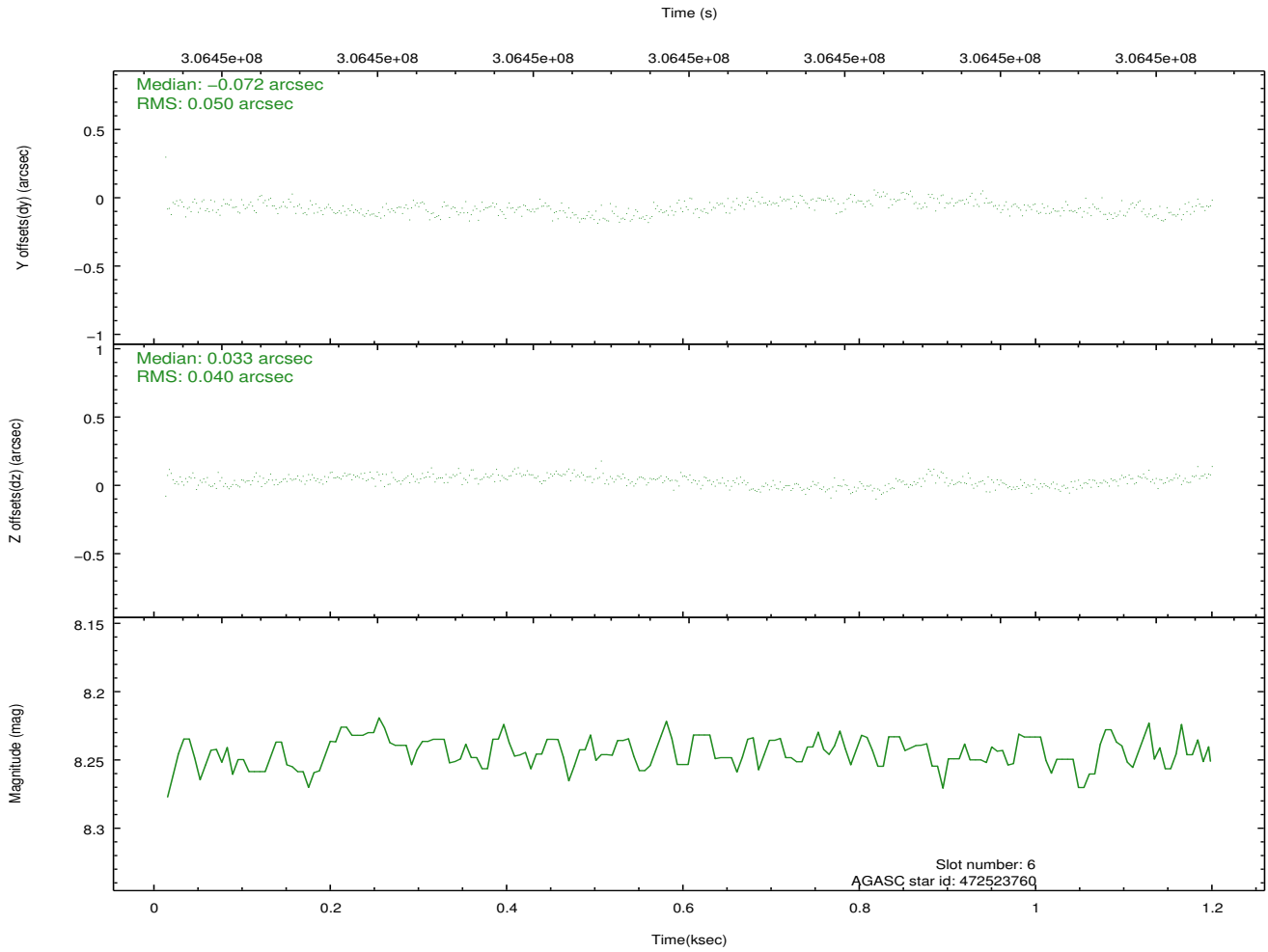
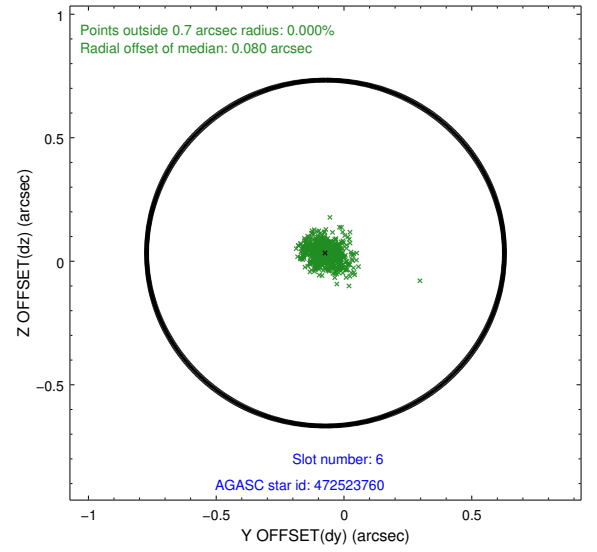
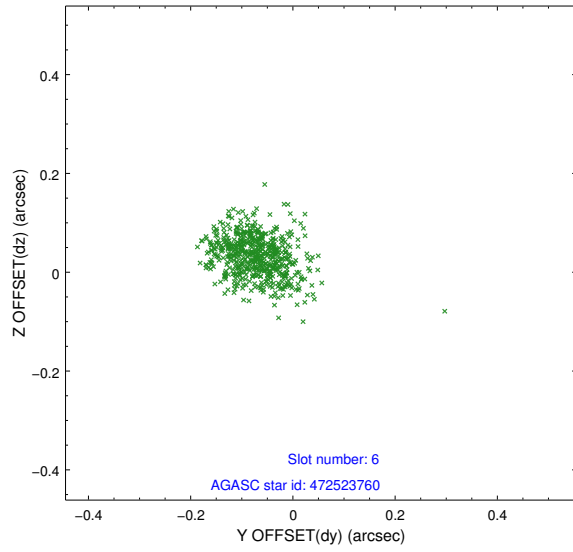
2.4.2 Slot 4



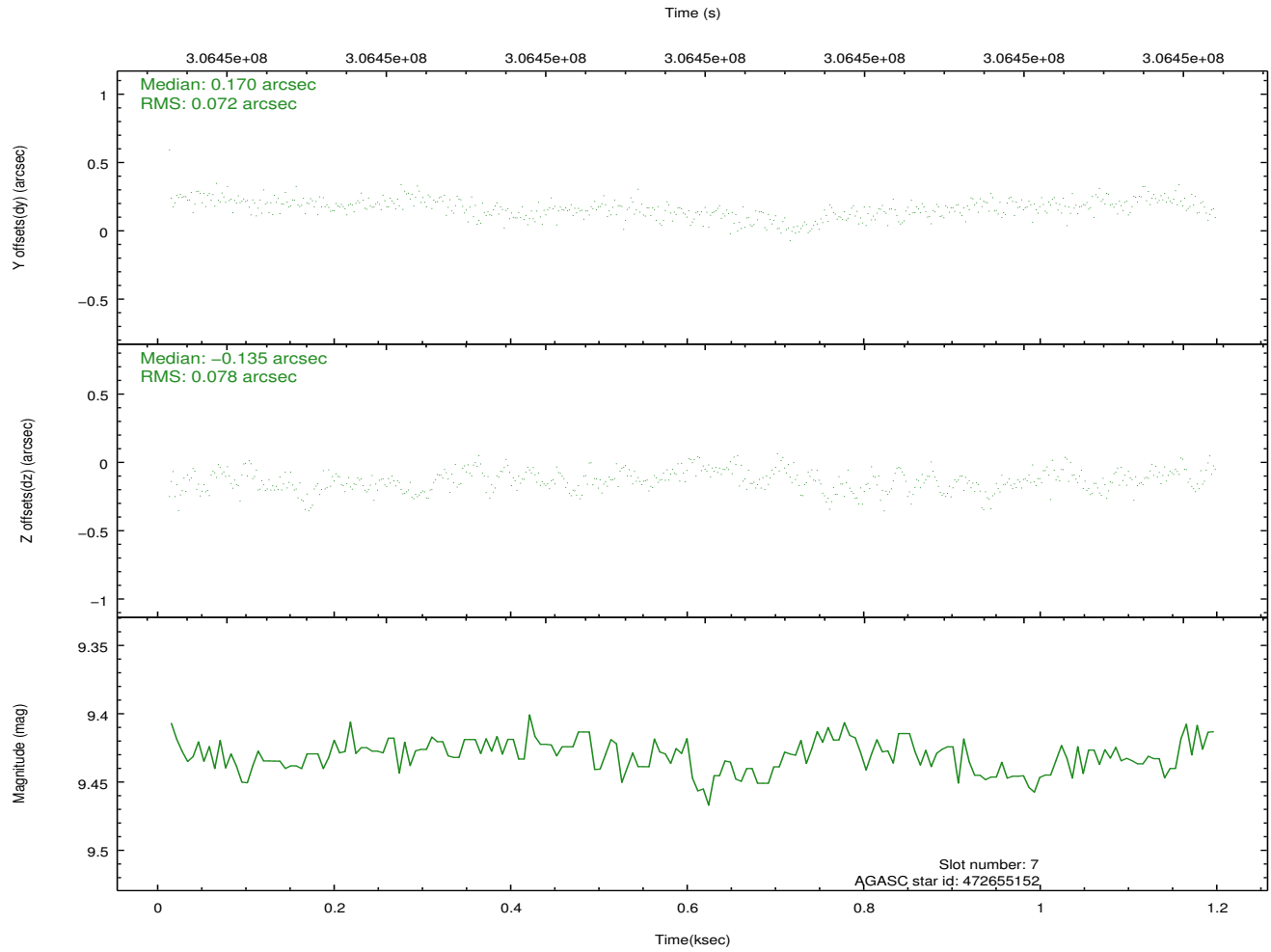
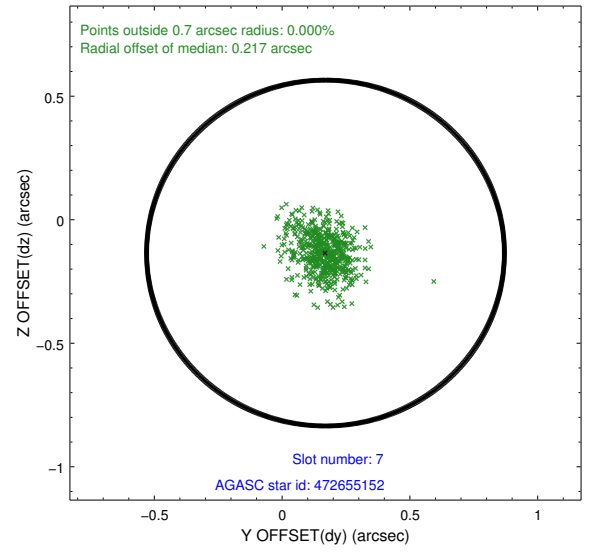
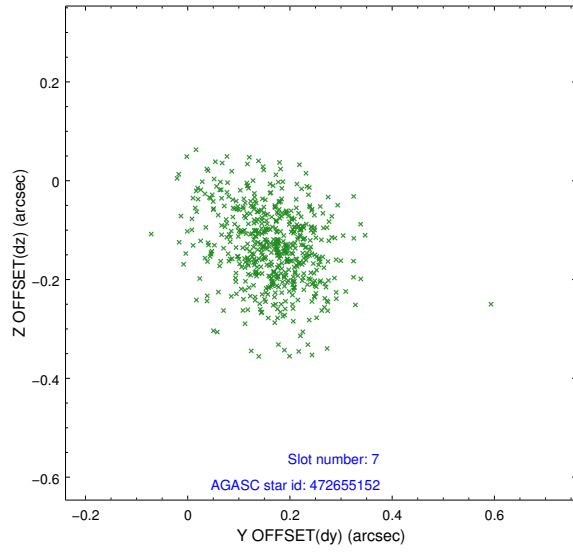
2.4.3 Slot 5



2.4.4 Slot 6

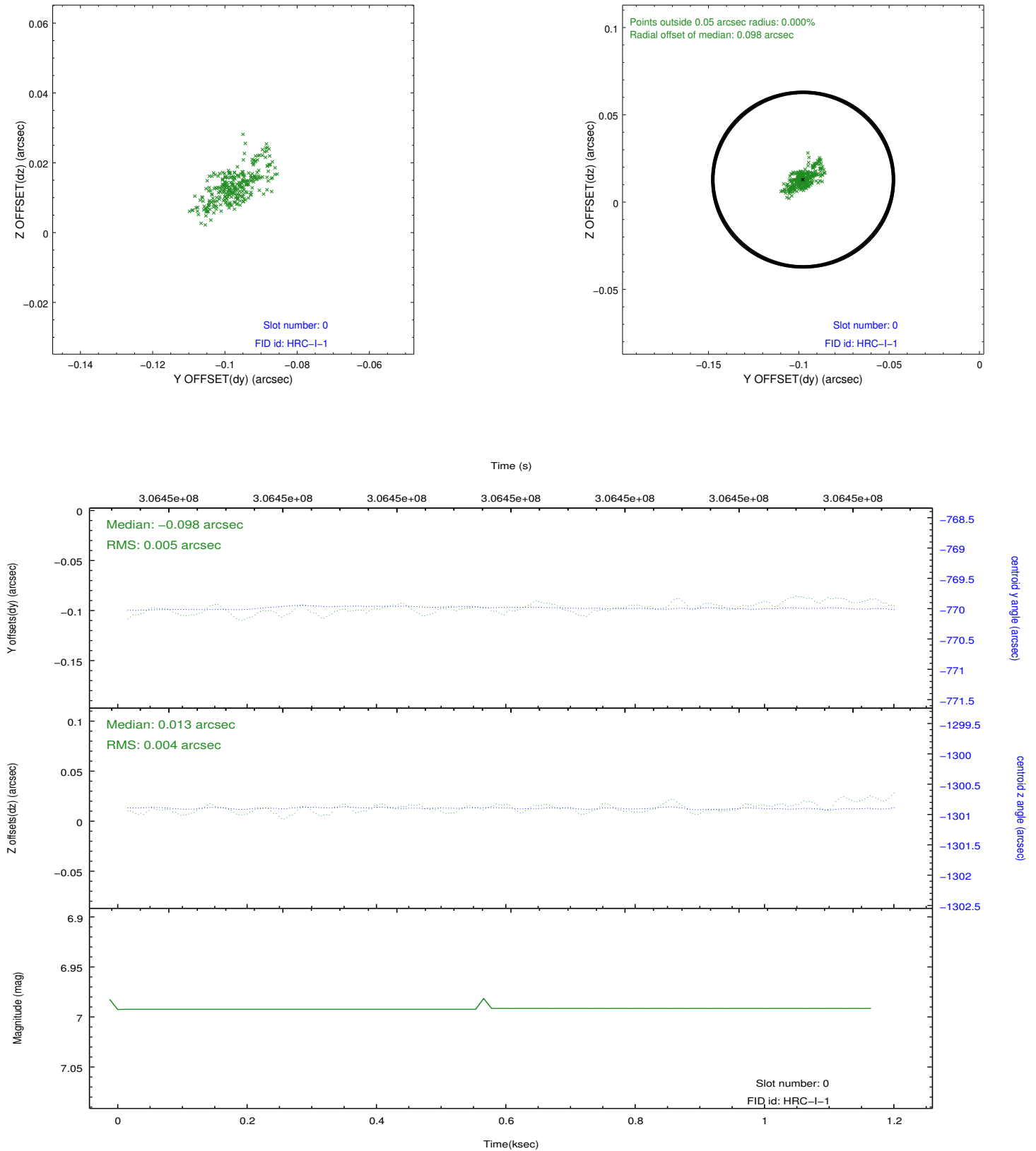


2.4.5 Slot 7

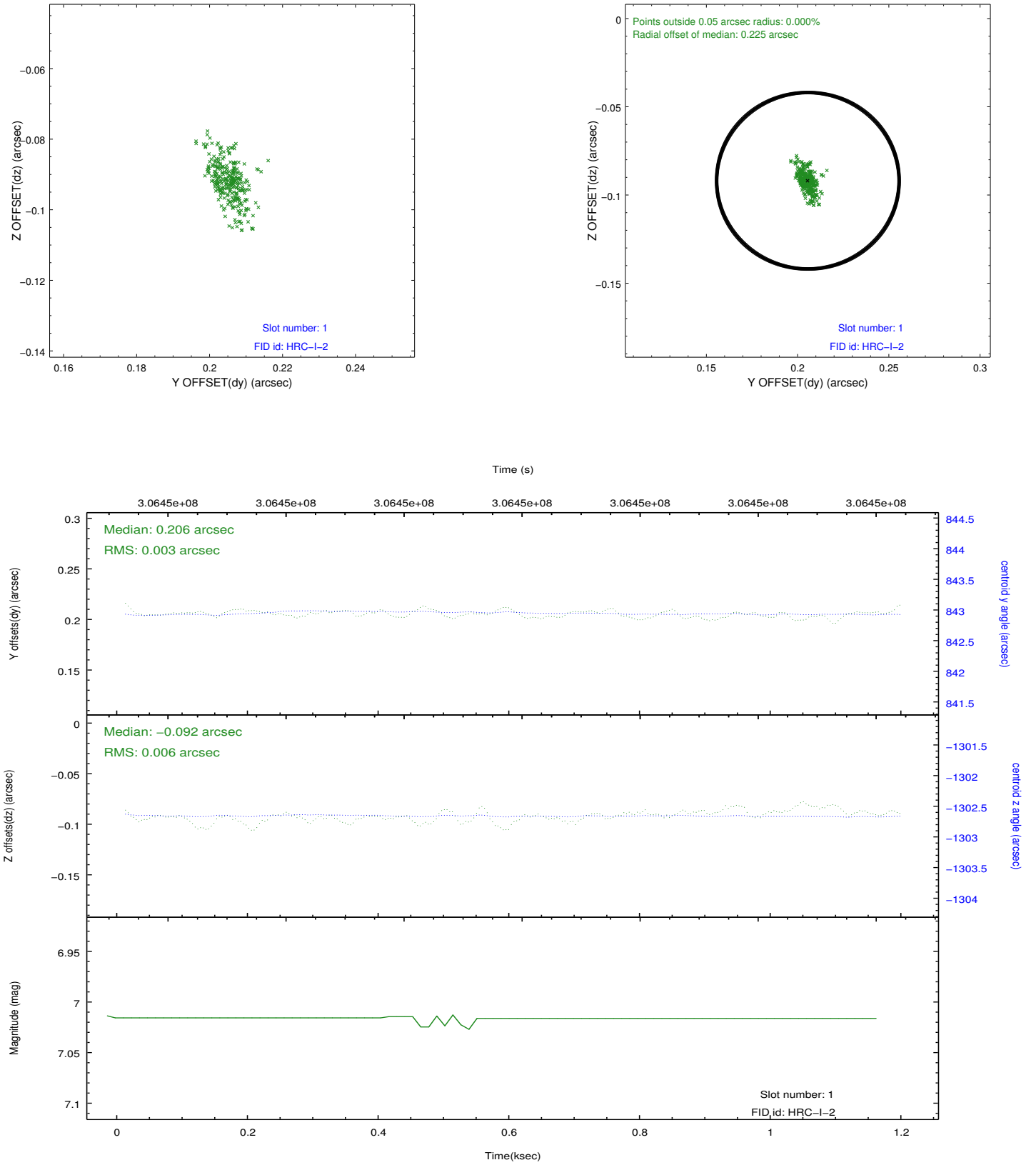


2.5 FID Slots

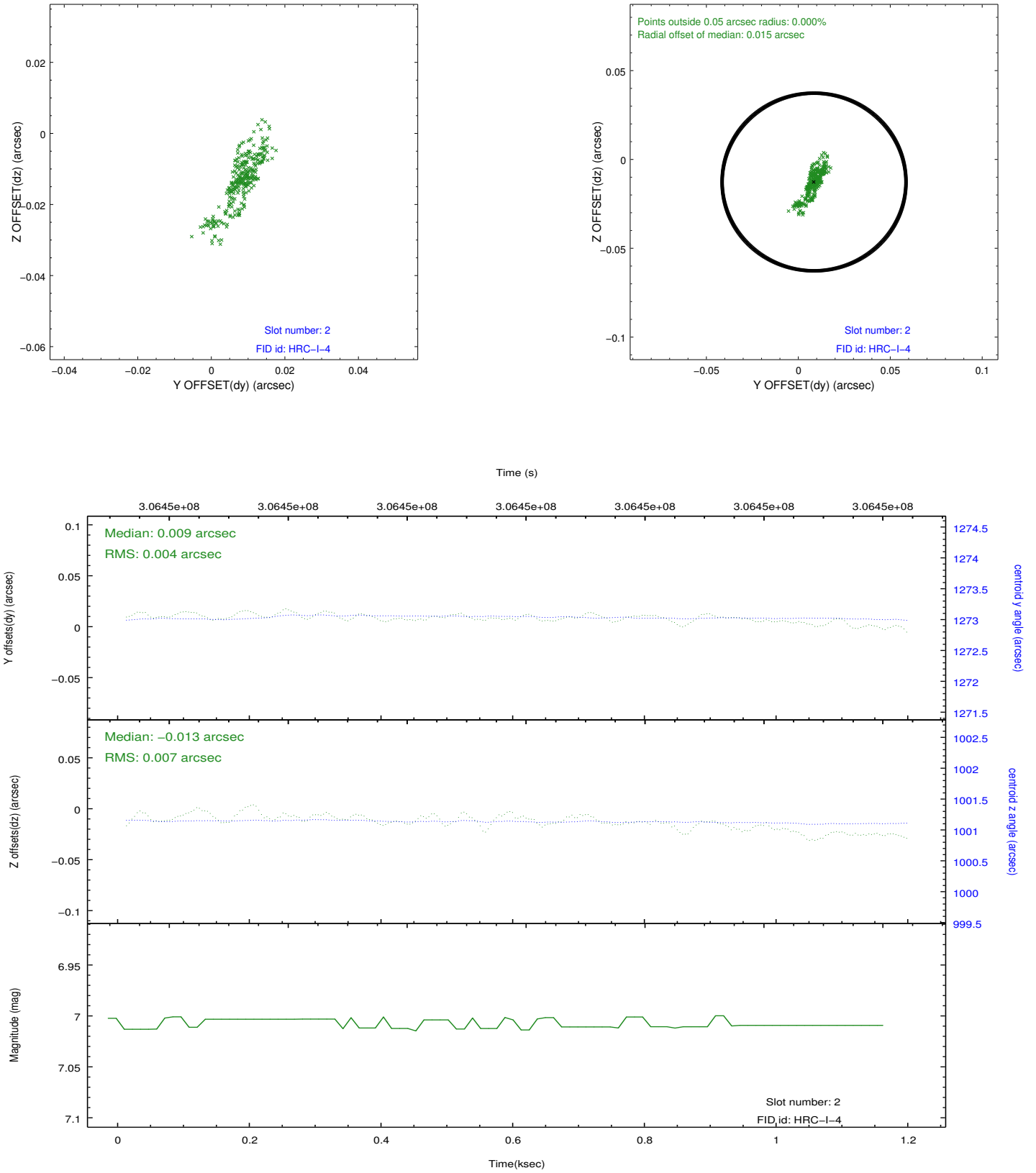
2.5.1 Slot 0



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)	2012.08.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1861813

A.2 Comments

Target is near the edge of the chip.