

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8304 - L2 Version 4
Chandra X-Ray Center

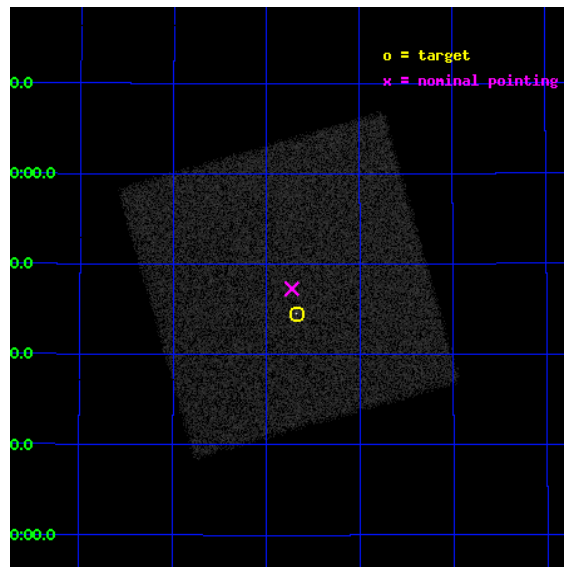
L2 Processing Date : Aug 11 2012

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1 Front

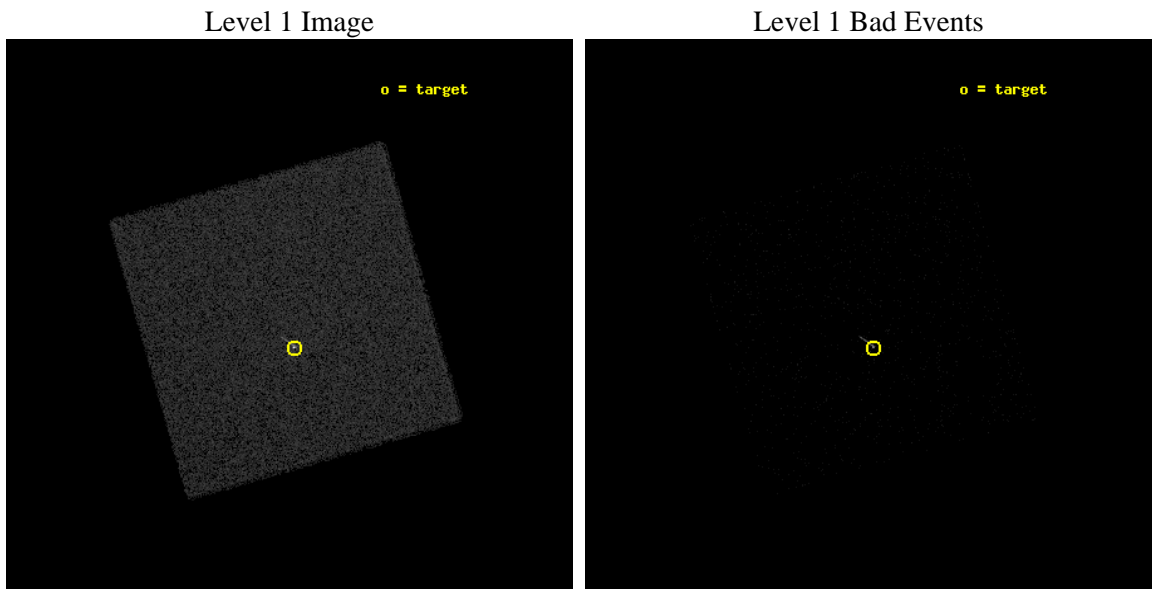
seq_num	290683	Sequence number
obs_id	8304	Observation id
title	AO8 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.18179769186	Nominal RA [deg]
dec_nom	45.788024262727	Nominal Dec [deg]
roll_nom	209.03541891102	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1183.875056982	[s]
livetime	1171.4432260962	Ontime multiplied by DTCOR
l2events	74217	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	1183.875056982	[s]
caldbver	4.5.1.1	 	l1events	136886	Number of level 1 events
date	2012-08-12T01:40:54	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

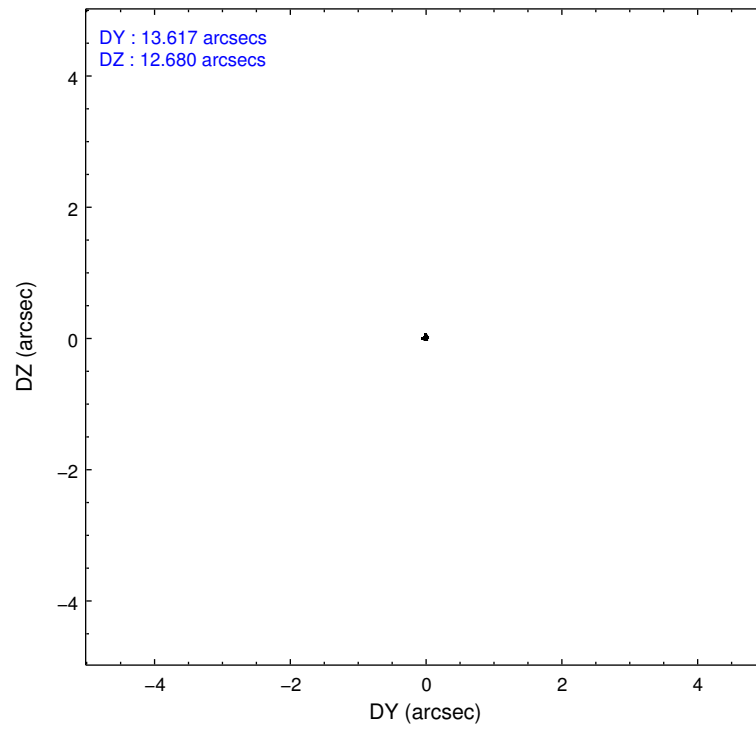
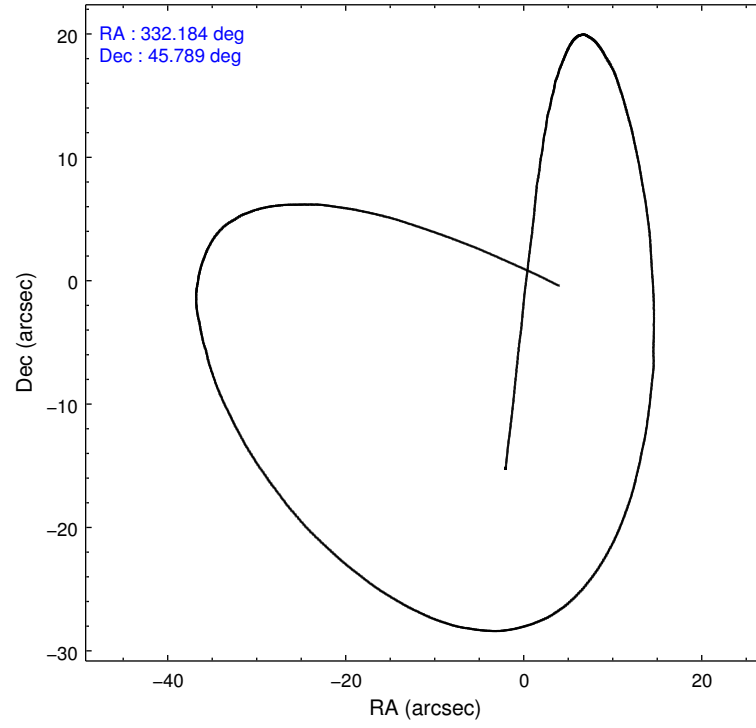
	segment 0
level 1 events	136886
rejected events	29323
rejected %	21%

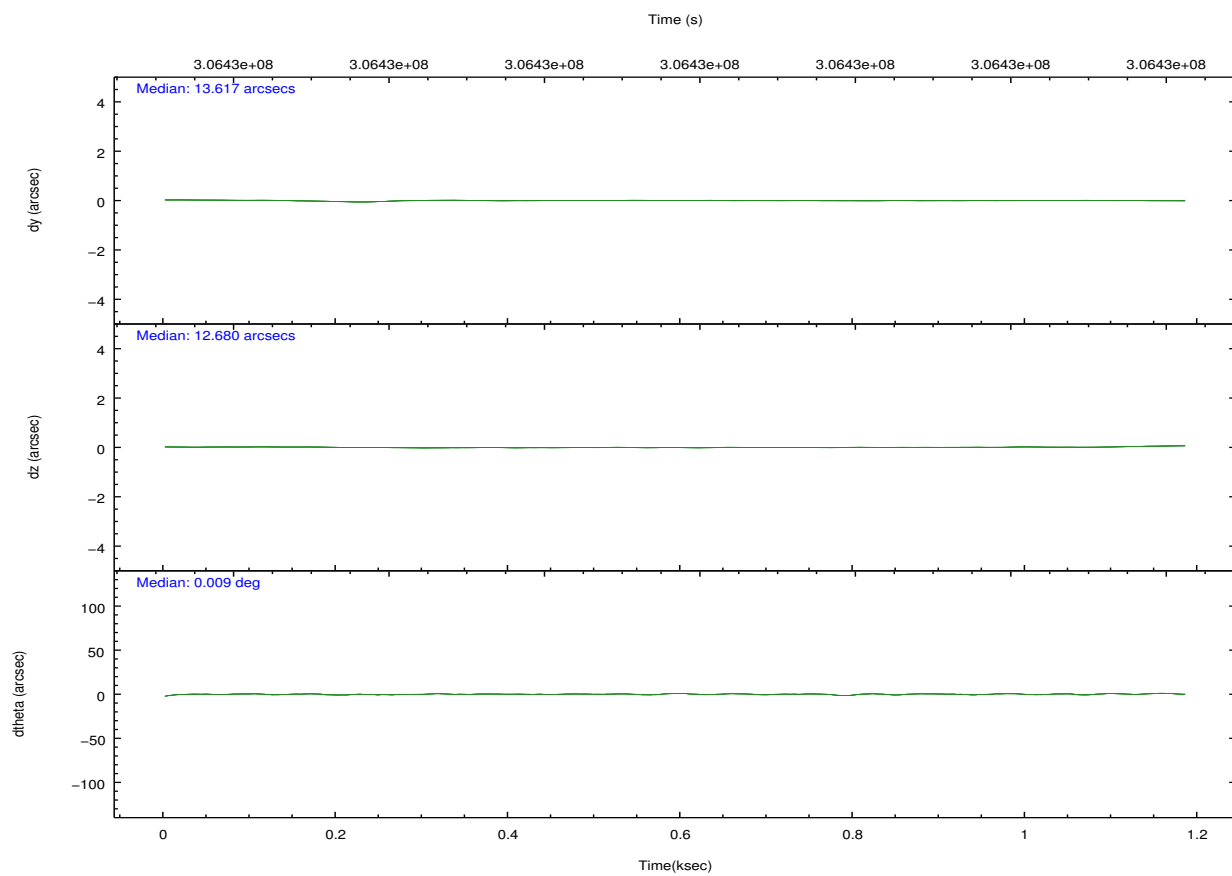
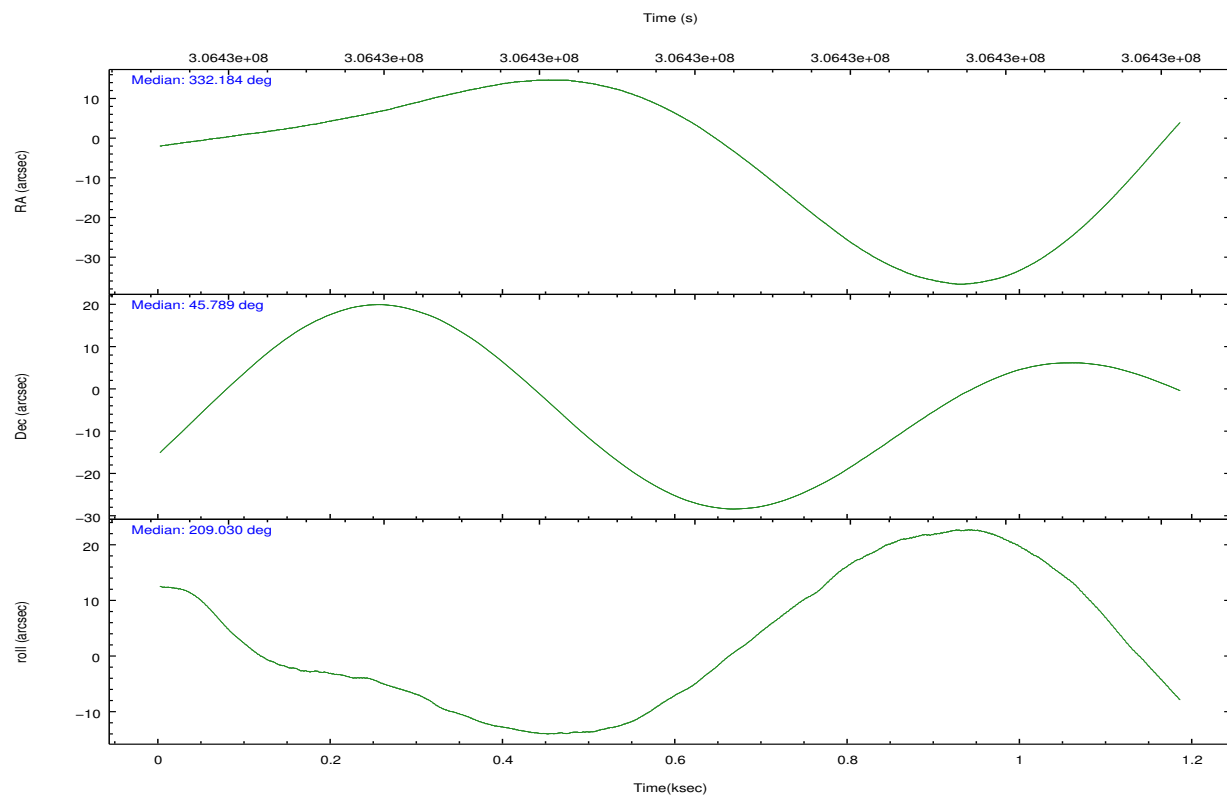
2.2 Compared Parameters

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	332.201763	332.1817976918634
[deg] Pointing Dec	45.810739	45.78802426272657
[deg] Pointing Roll	209.116504	209.0354189110189
[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)	306433562.184000	306433186.38862
Observation start date	2007-09-17T16:24:57	2007-09-17T16:19:46
[s] Observation end time (MET)	306434562.184000	306434696.21369
Observation end date	2007-09-17T16:41:37	2007-09-17T16:44:56

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

2.3 Aspect



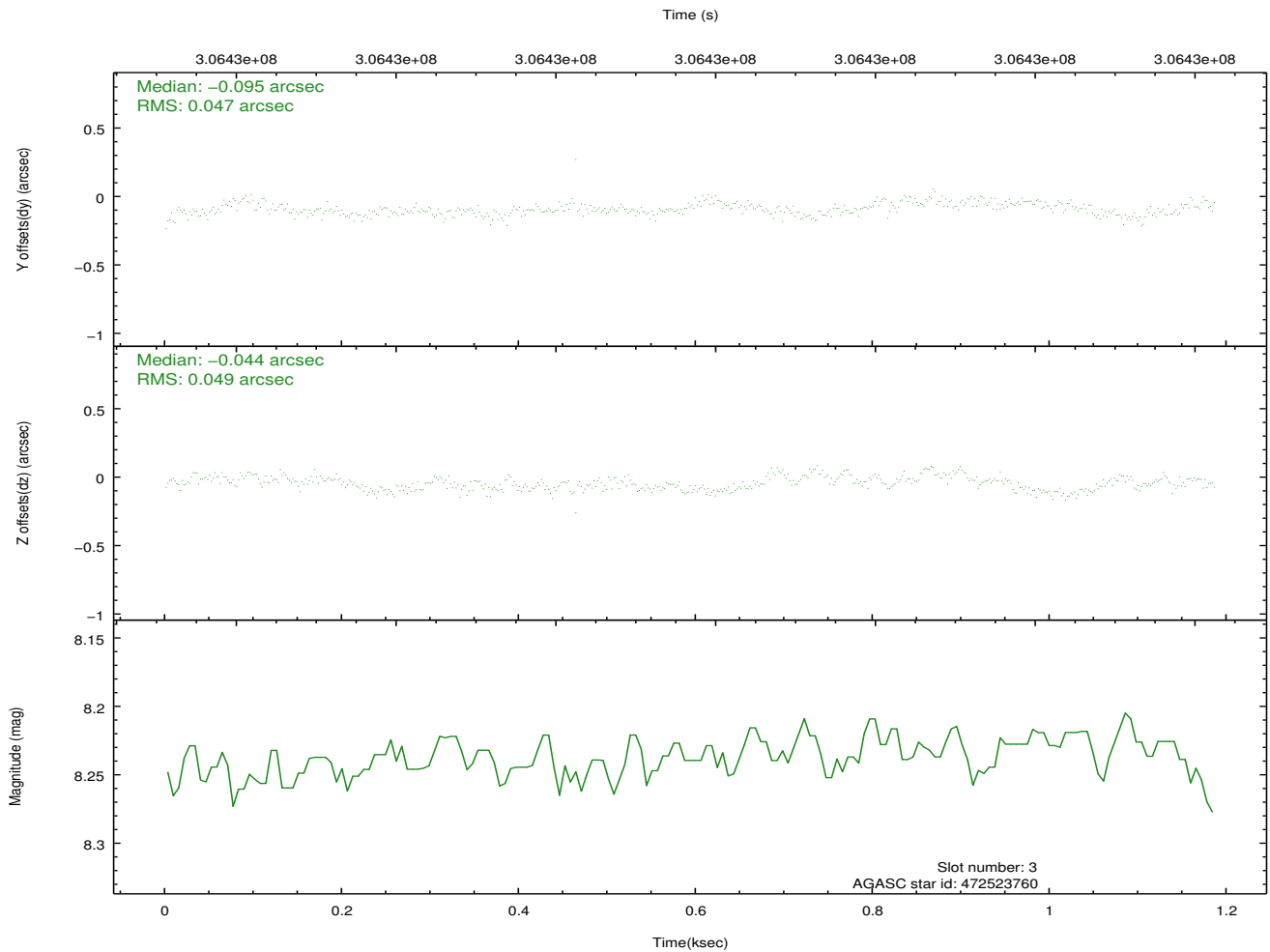
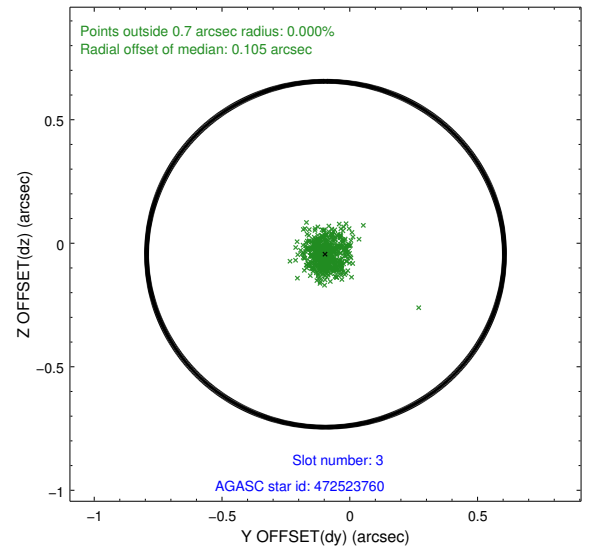
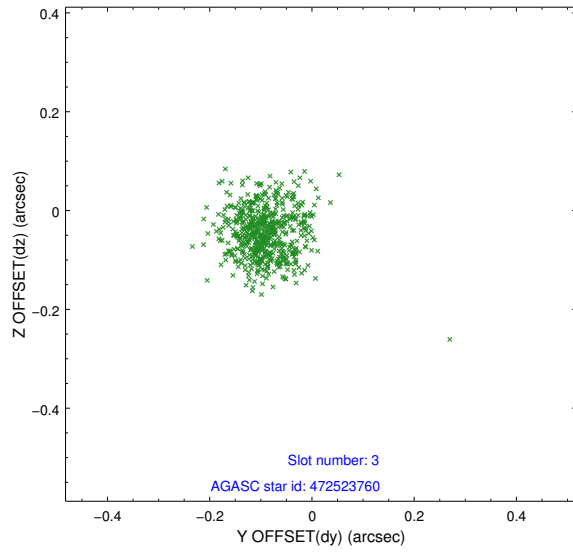


Slot Statistics

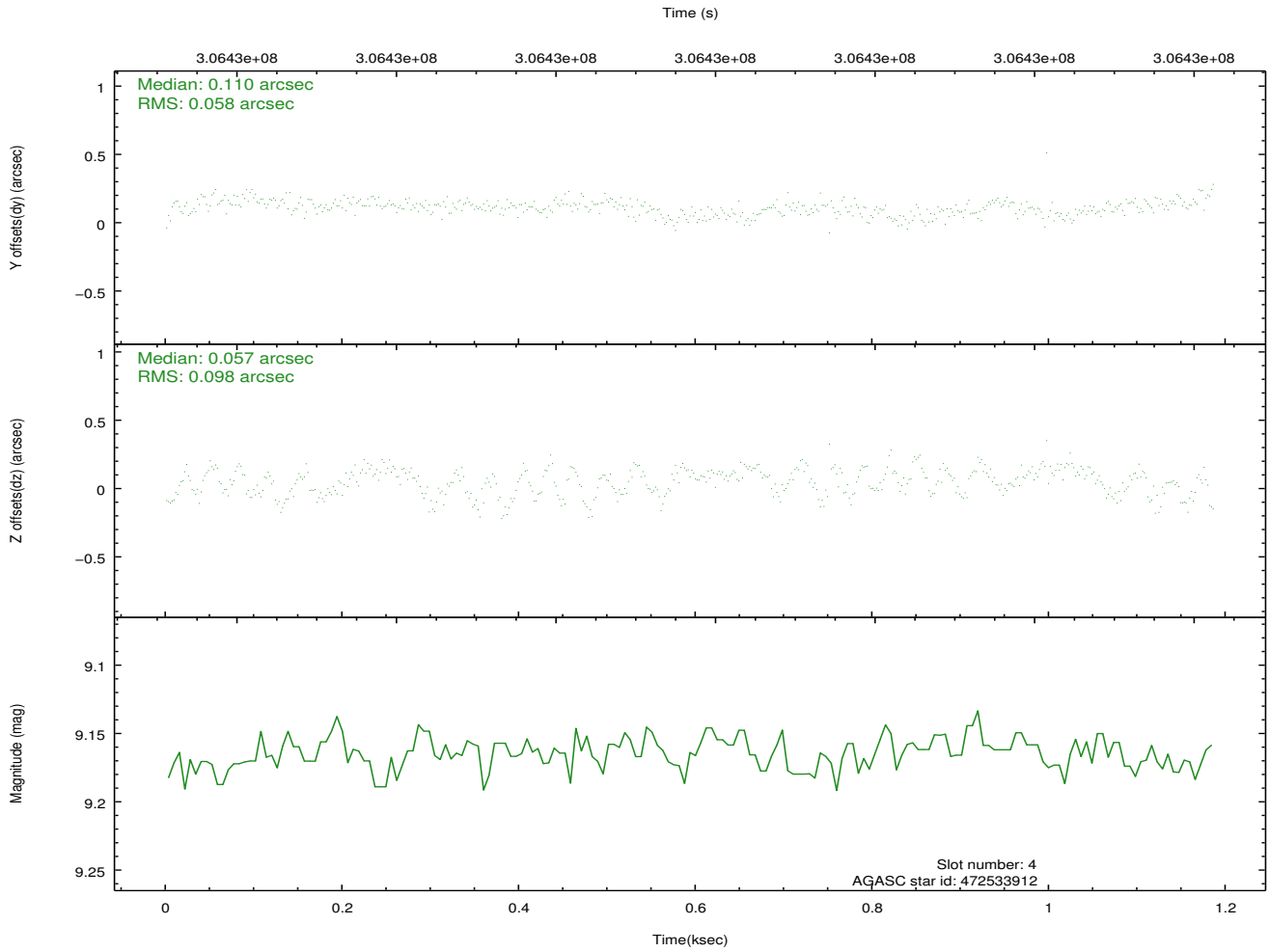
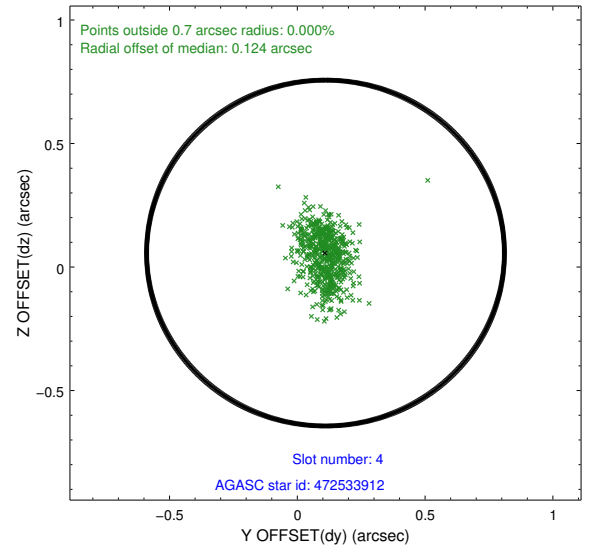
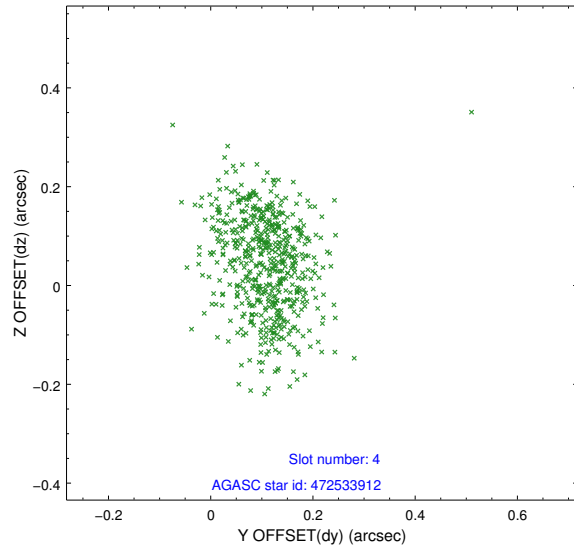
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	289	-0.058	0.033	0.006	0.010	0.000000	0.000000	-769.44	-1300.72
1	FID	HRC-I-2	7.02	289	0.242	-0.162	0.006	0.009	0.000000	0.000000	840.83	-1306.98
2	FID	HRC-I-3	7.07	289	-0.065	0.040	0.006	0.010	0.000000	0.000000	-1195.02	999.33
3	GUIDE	472523760	8.24	579	-0.095	-0.044	0.072	0.113	331.645363	45.403260	1940.62	597.15
4	GUIDE	472533912	9.17	579	0.110	0.057	0.119	0.198	331.791136	46.368695	-83.28	-2248.32
5	GUIDE	472655152	9.42	579	0.047	-0.201	0.111	0.182	332.504239	45.862991	-754.21	203.40
6	GUIDE	472665256	9.01	579	0.112	0.050	0.081	0.142	332.808125	46.195041	-1996.60	-474.15
7	GUIDE	472535576	7.86	577	-0.171	0.152	0.062	0.100	331.438373	46.291802	809.08	-2441.47

2.4 Star Slots

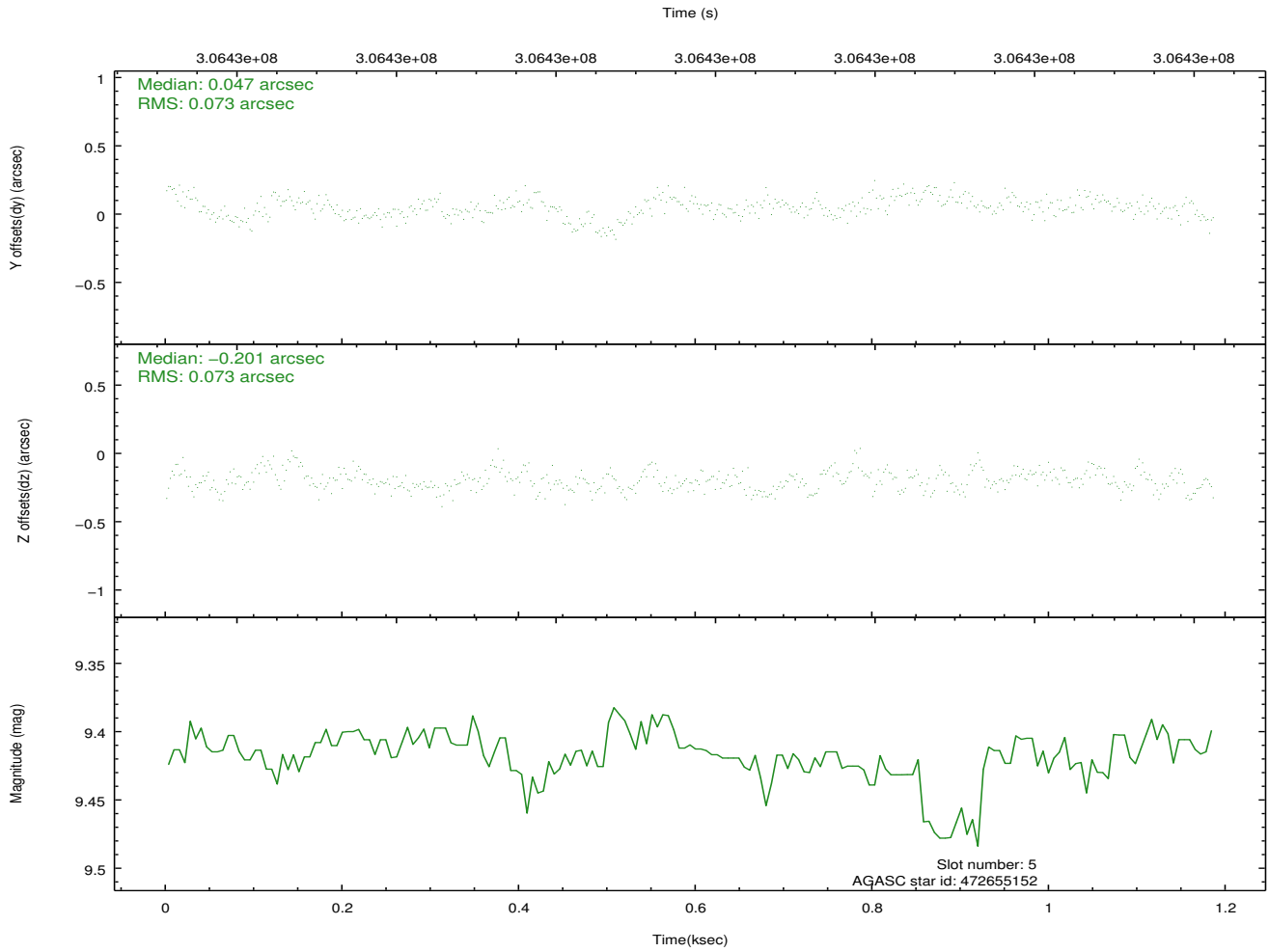
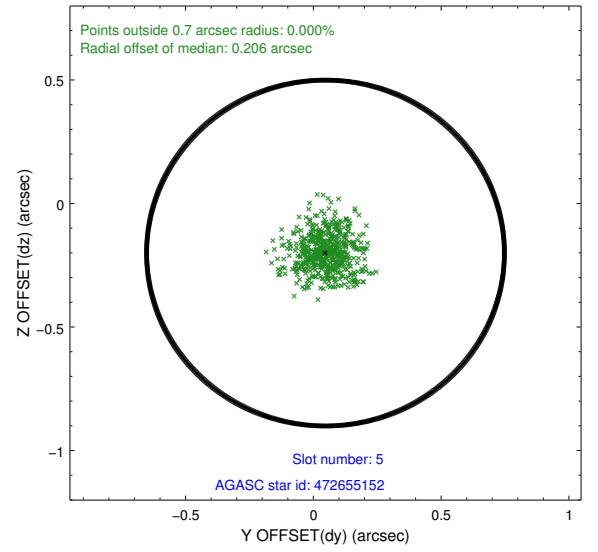
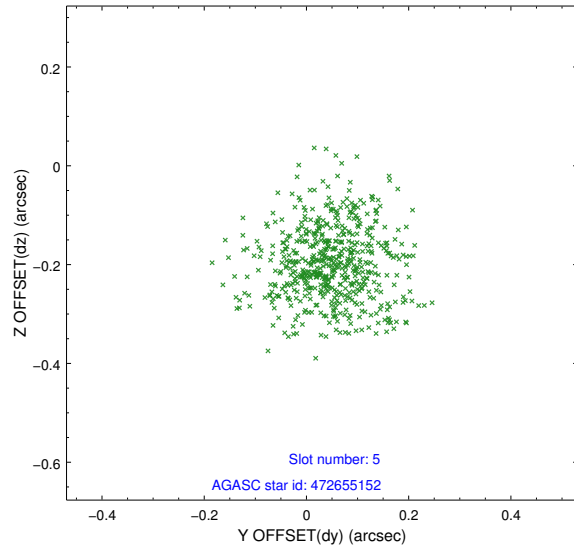
2.4.1 Slot 3



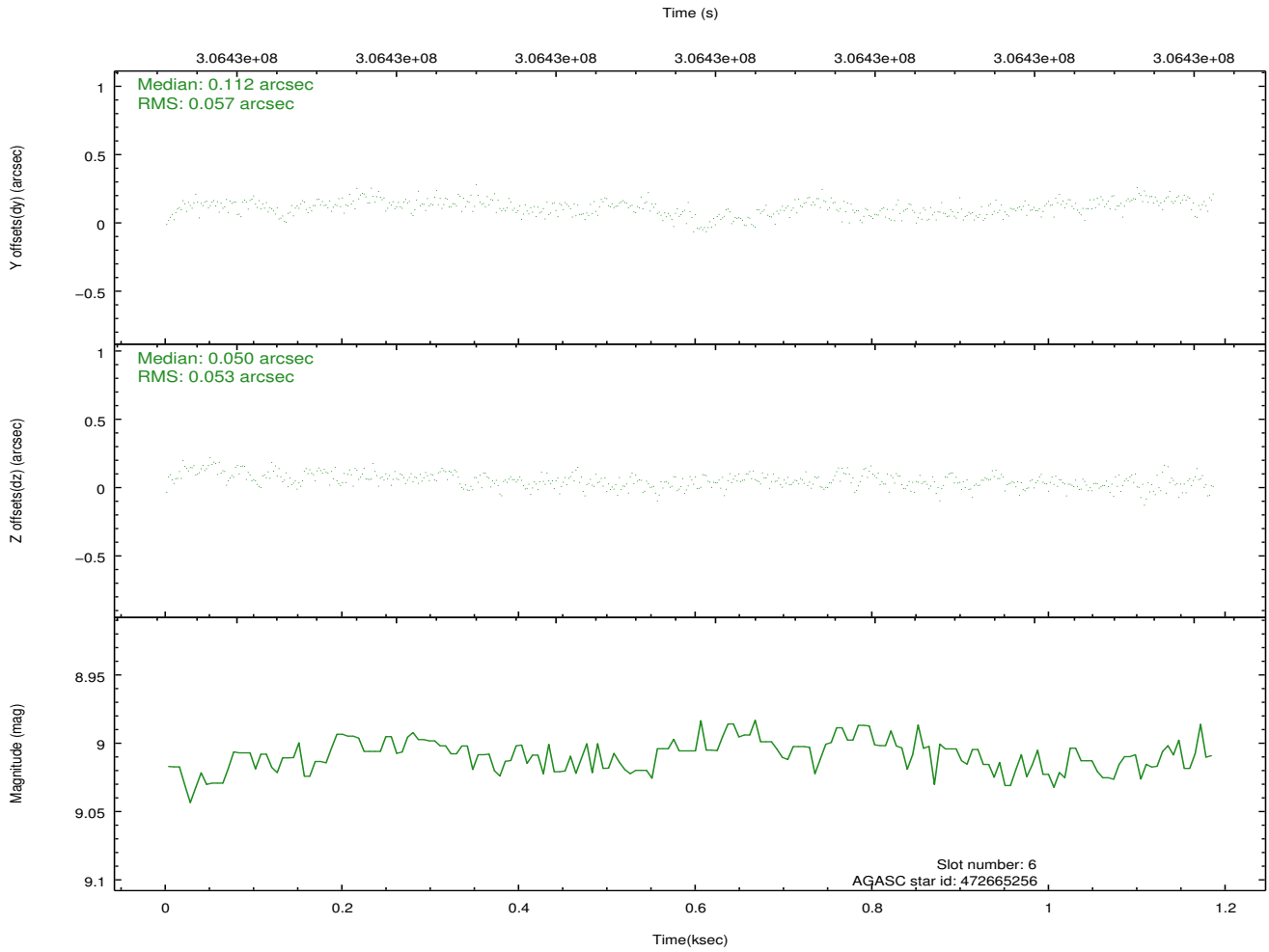
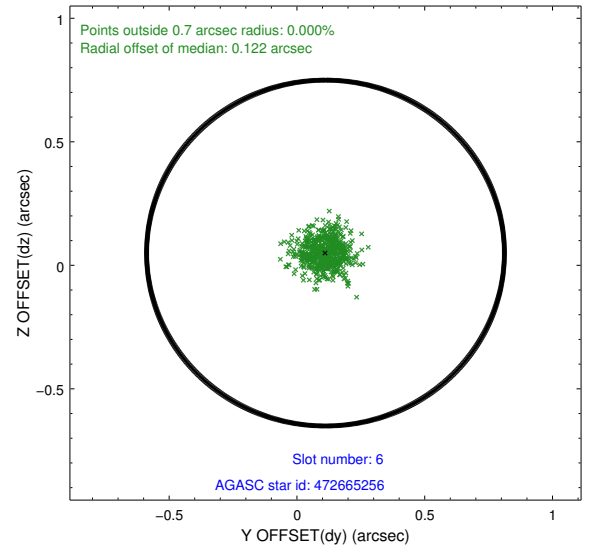
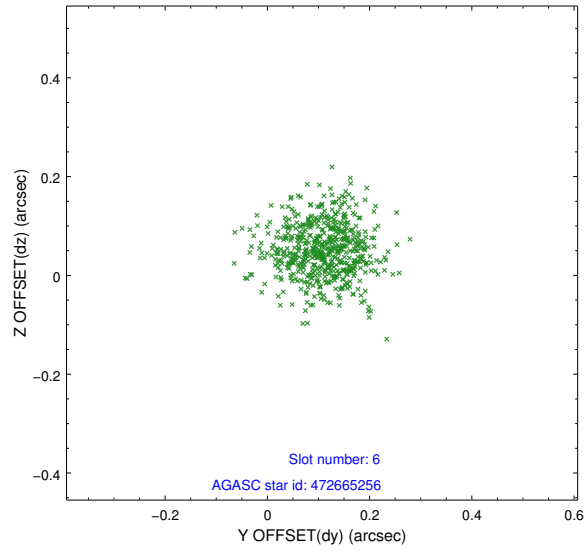
2.4.2 Slot 4



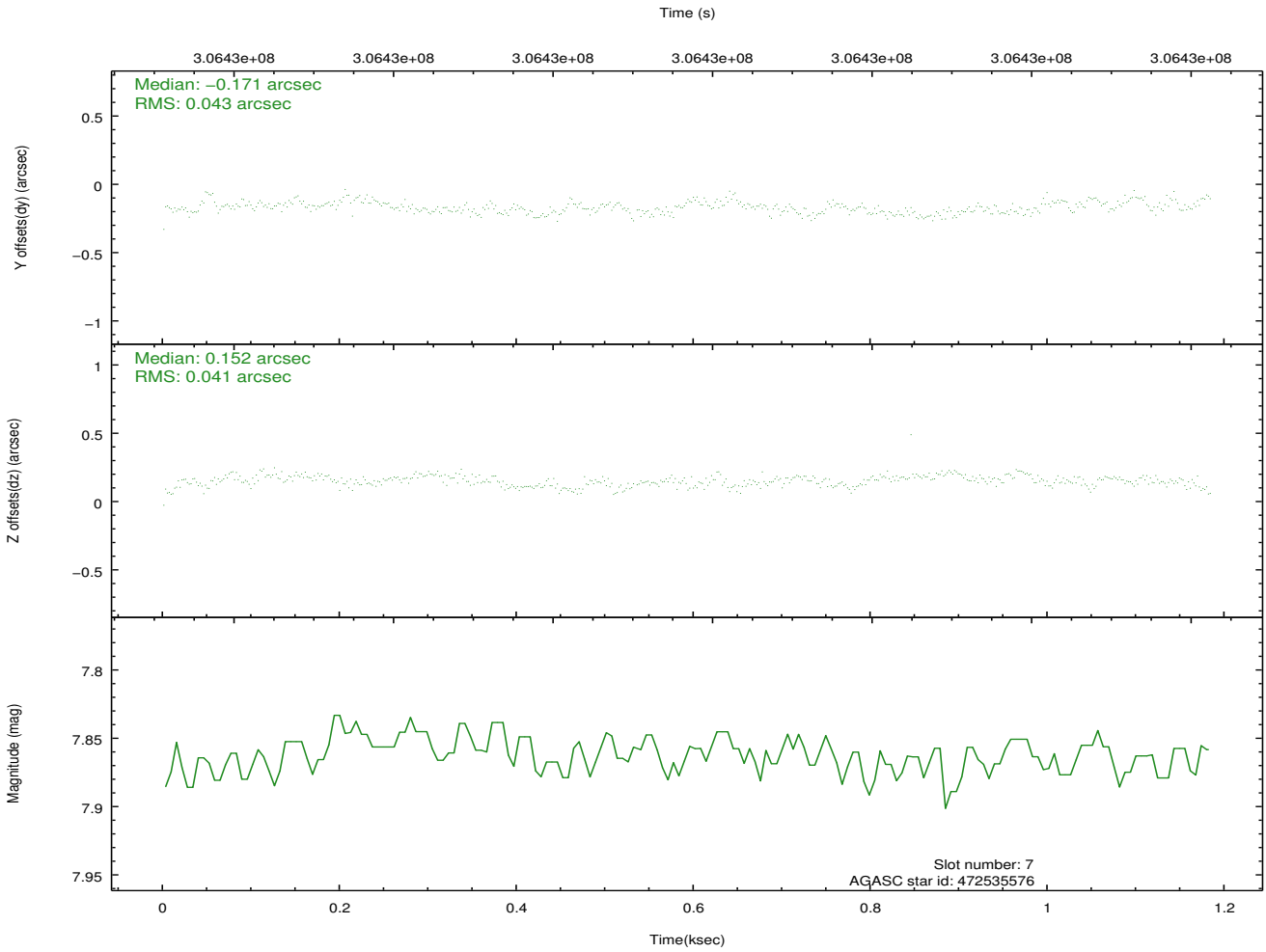
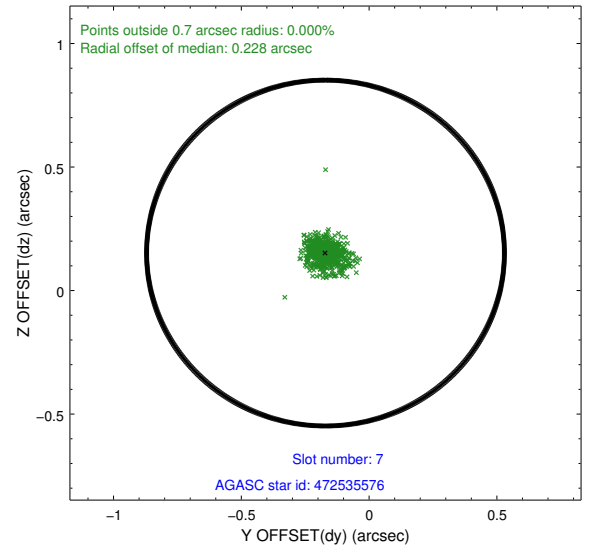
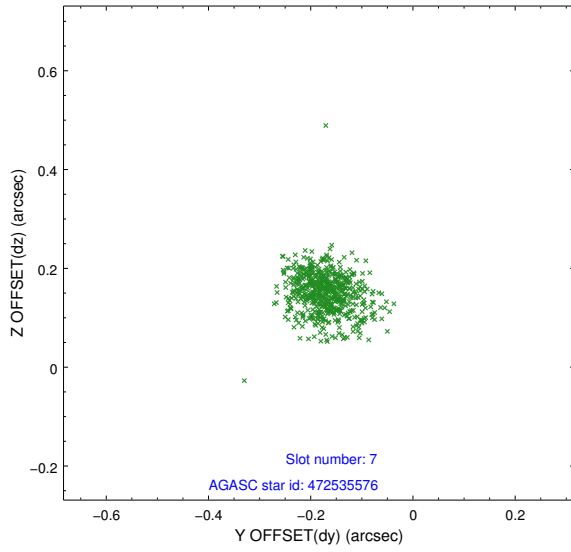
2.4.3 Slot 5



2.4.4 Slot 6

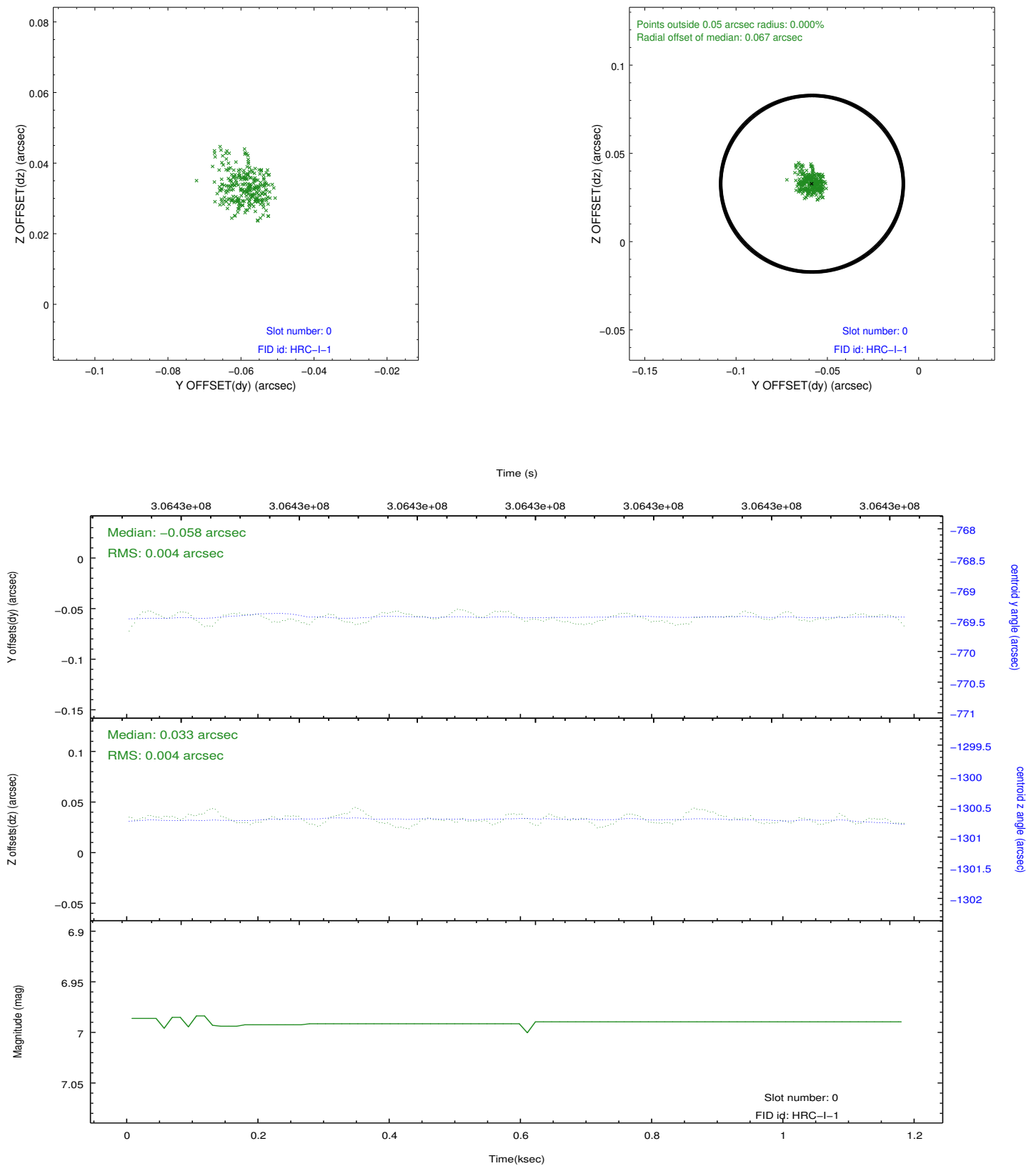


2.4.5 Slot 7

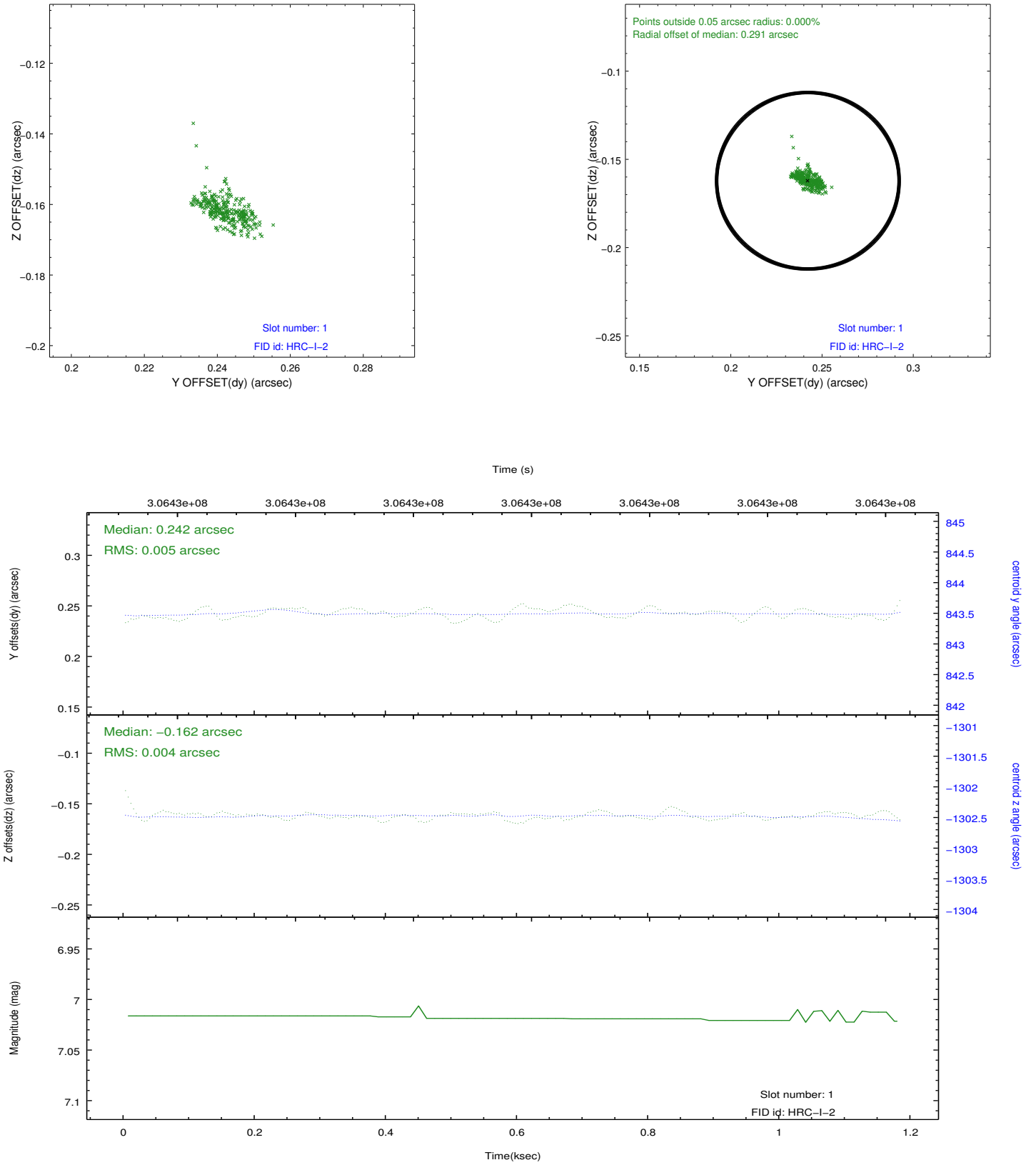


2.5 FID Slots

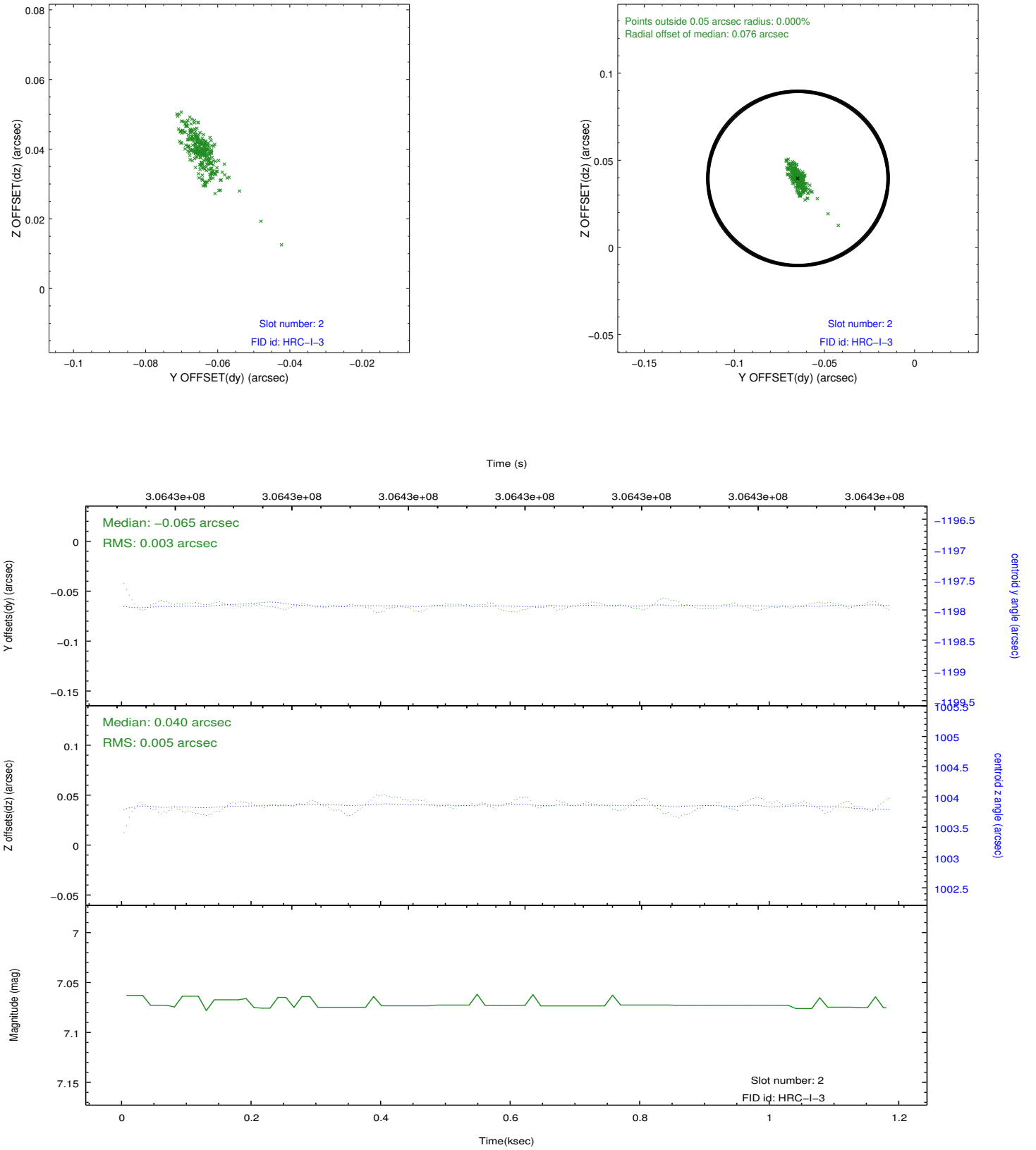
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1841313

A.2 Comments