

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9646 - L2 Version 3
Chandra X-Ray Center

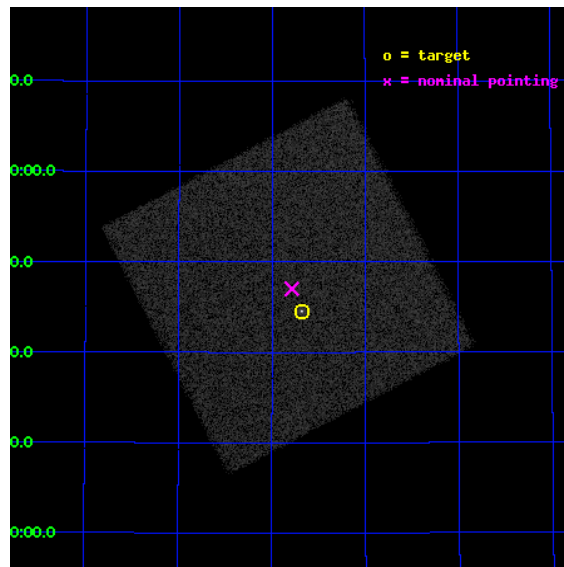
L2 Processing Date : Aug 12 2012

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1 Front

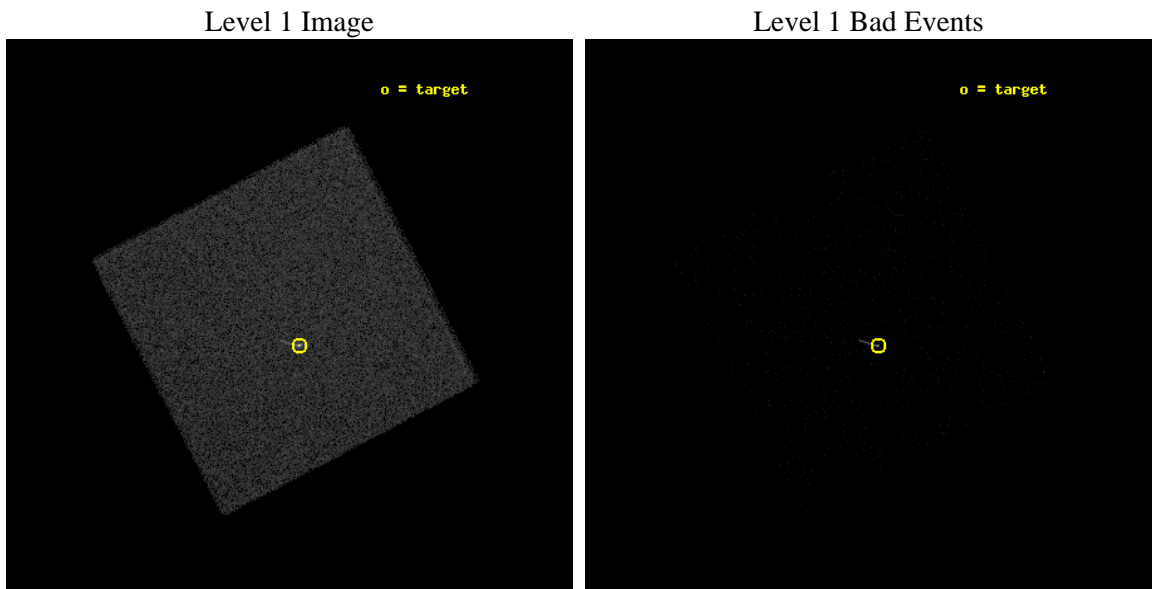
seq_num	290769	Sequence number
obs_id	9646	Observation id
title	AO9 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.19644829469	Nominal RA [deg]
dec_nom	45.784088130148	Nominal Dec [deg]
roll_nom	197.5368340174	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1368.6313172579	[s]
livetime	1353.7239192333	Ontime multiplied by DTCOR
l2events	92992	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	1180.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1368.6313172579	[s]
caldbver	4.5.1.1	 	l1events	164683	Number of level 1 events
date	2012-08-12T18:24:10	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

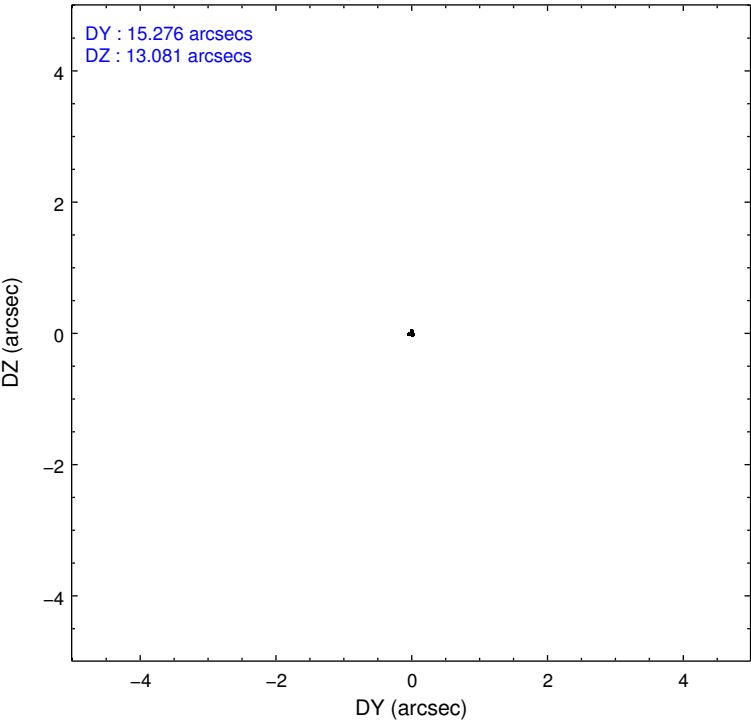
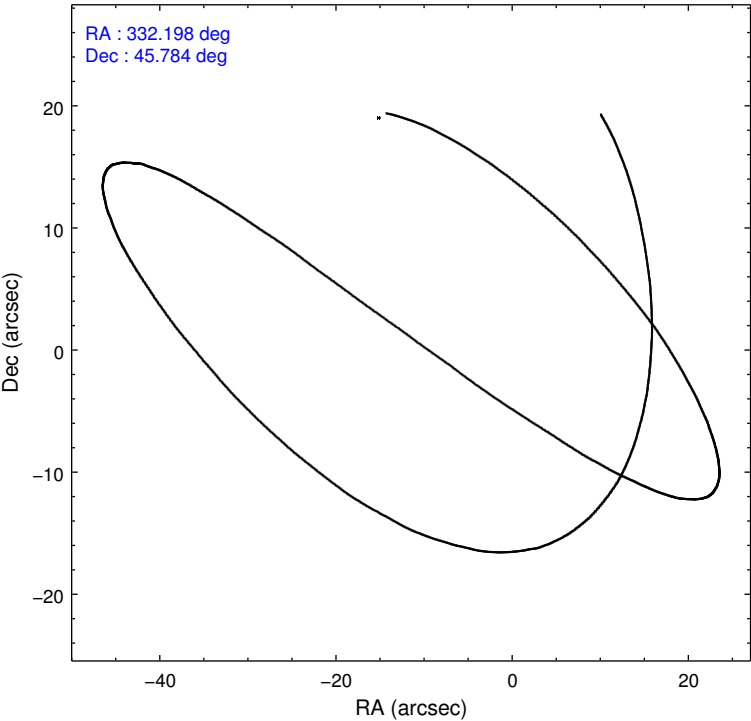
	segment 0
level 1 events	164683
rejected events	31185
rejected %	18%

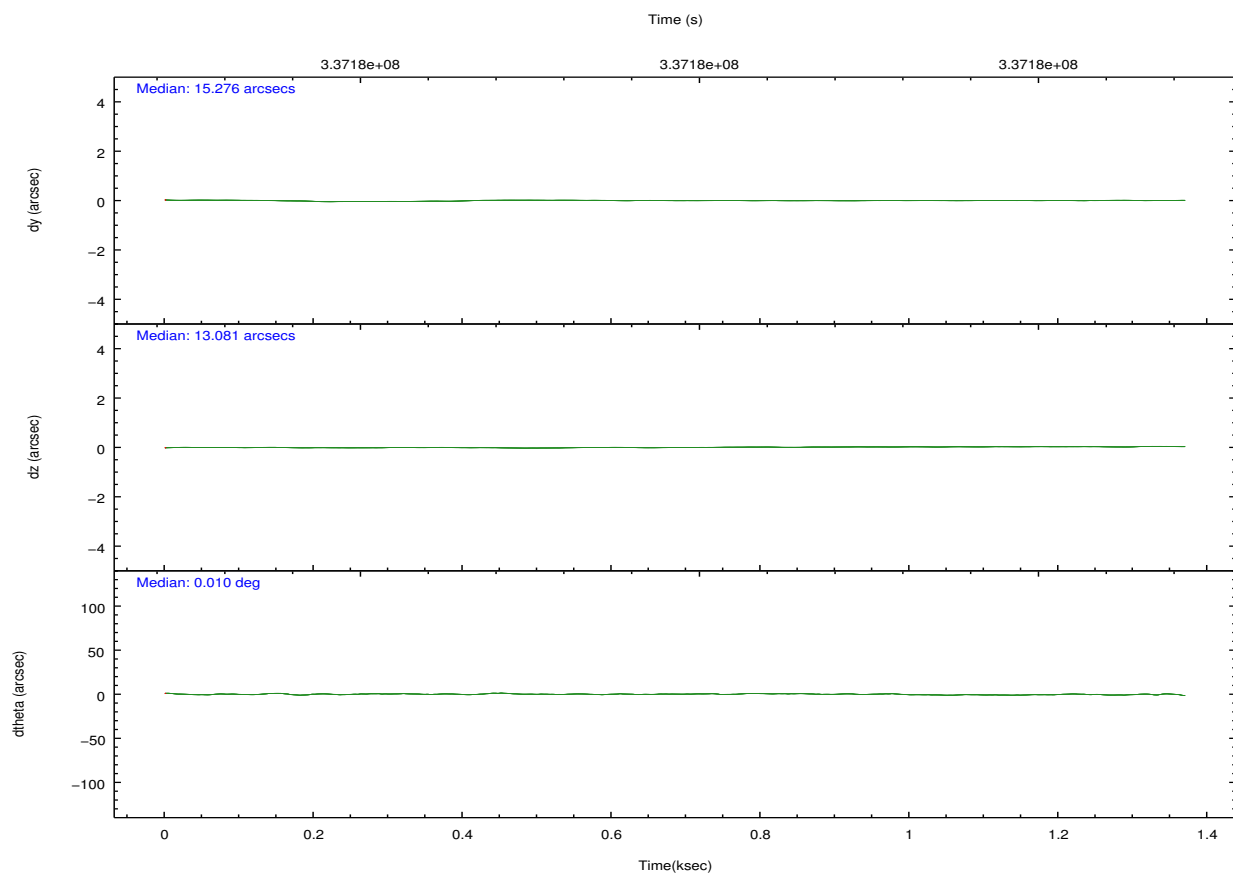
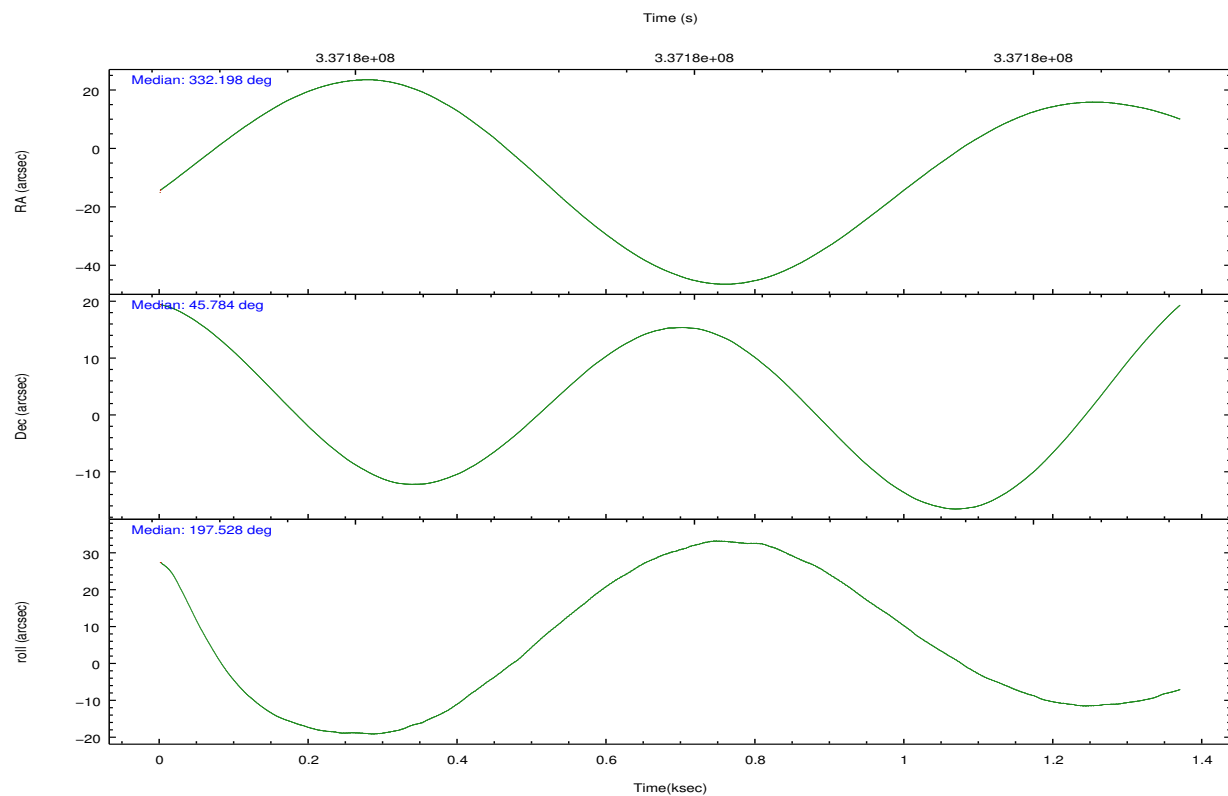
2.2 Compared Parameters

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	332.220677	332.1964482946851
[deg] Pointing Dec	45.804955	45.78408813014848
[deg] Pointing Roll	197.614783	197.5368340173989
[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)	337179967.184000	337179590.93068
Observation start date	2008-09-07T13:05:02	2008-09-07T12:59:50
[s] Observation end time (MET)	337181147.184000	337181280.64327
Observation end date	2008-09-07T13:24:42	2008-09-07T13:28:00

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

2.3 Aspect



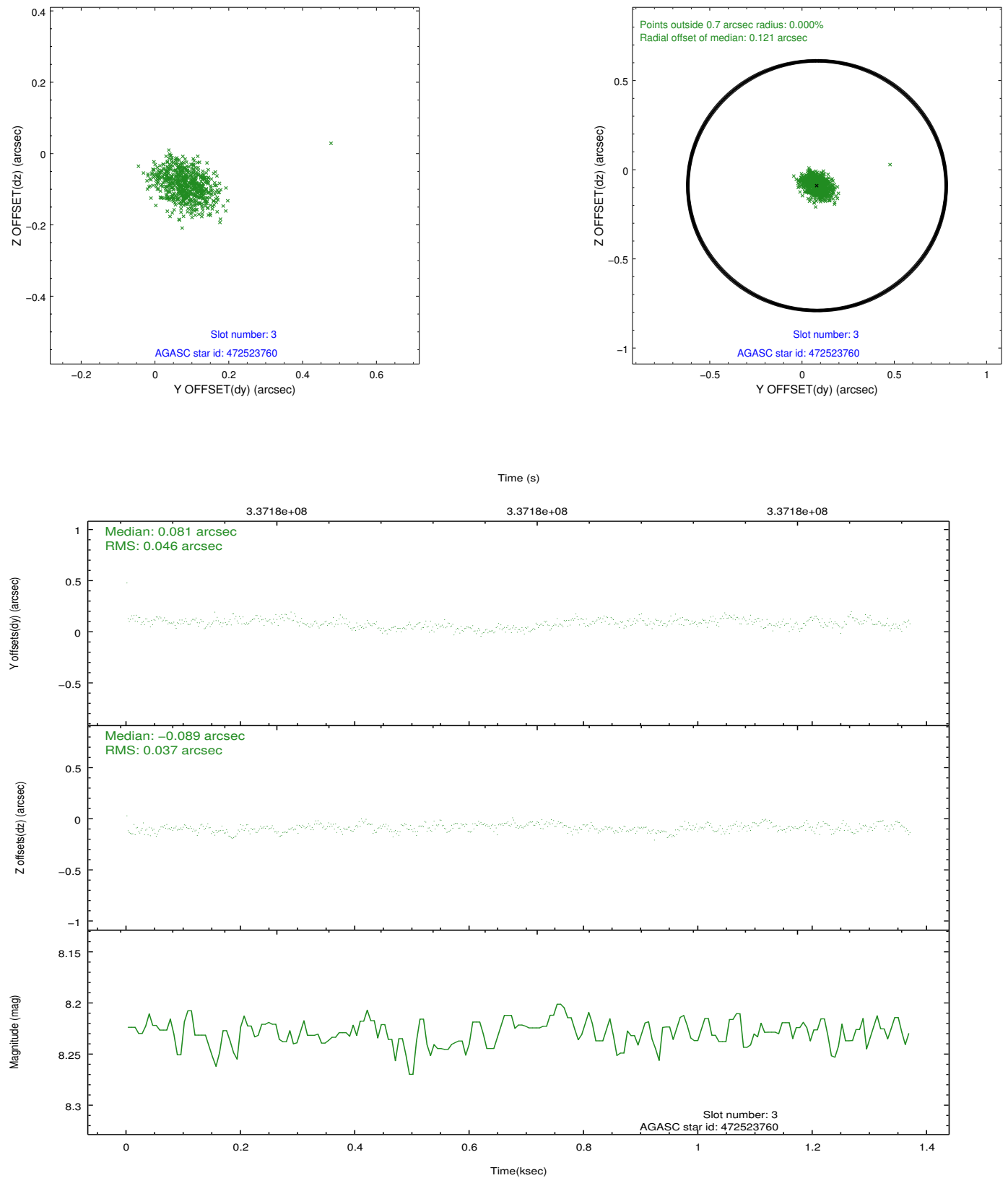


Slot Statistics

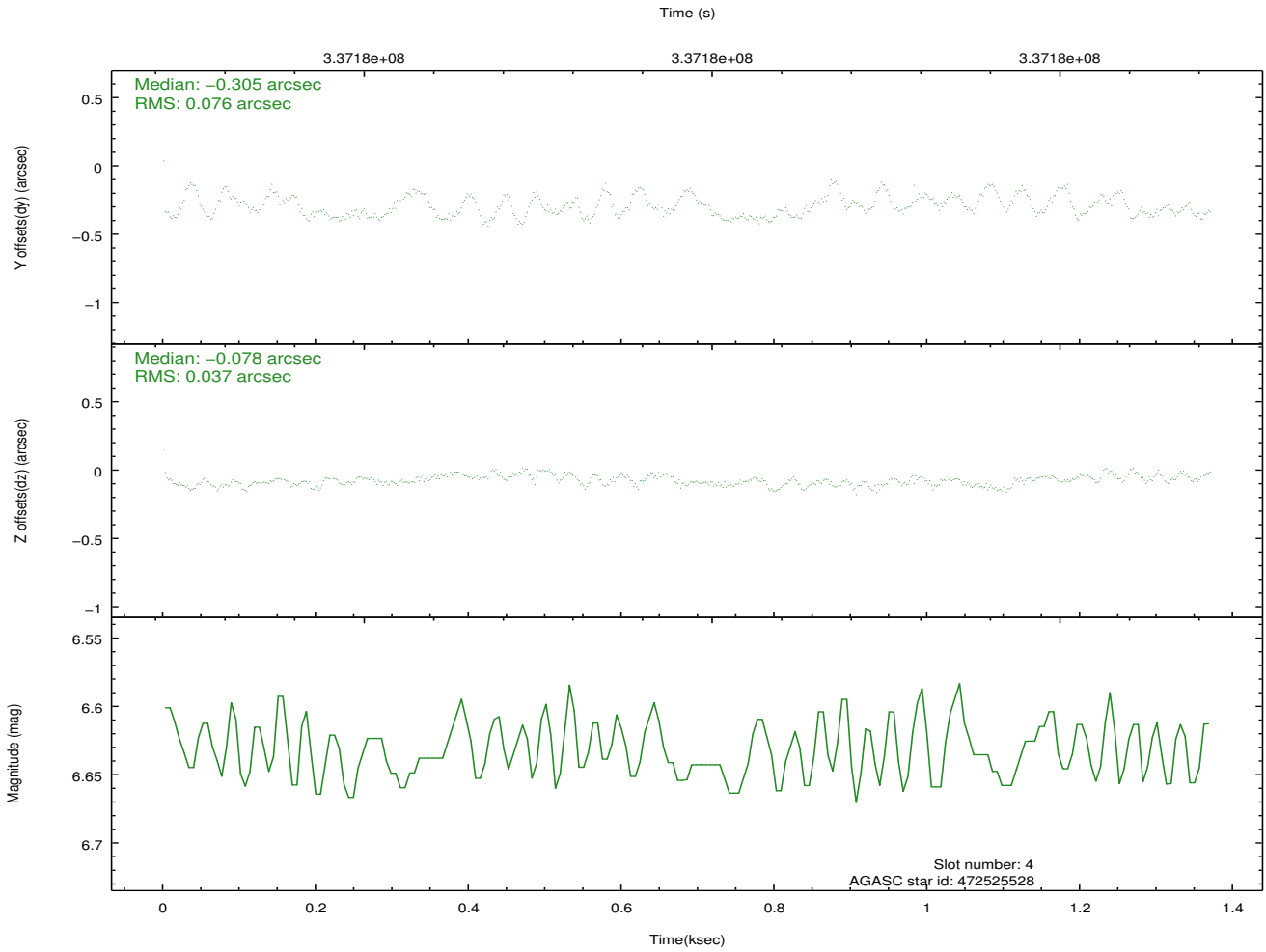
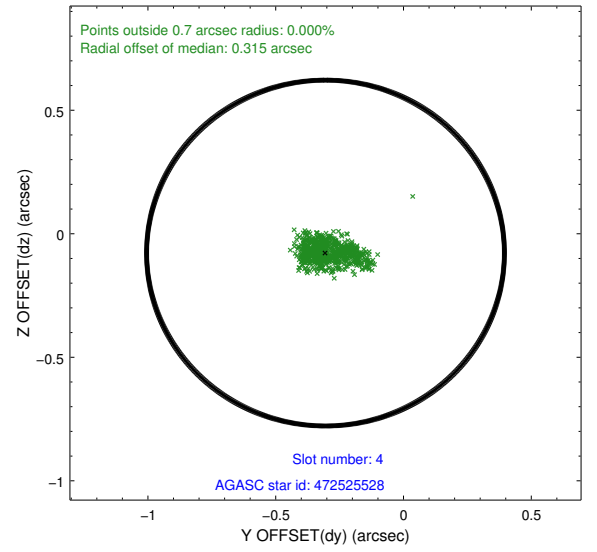
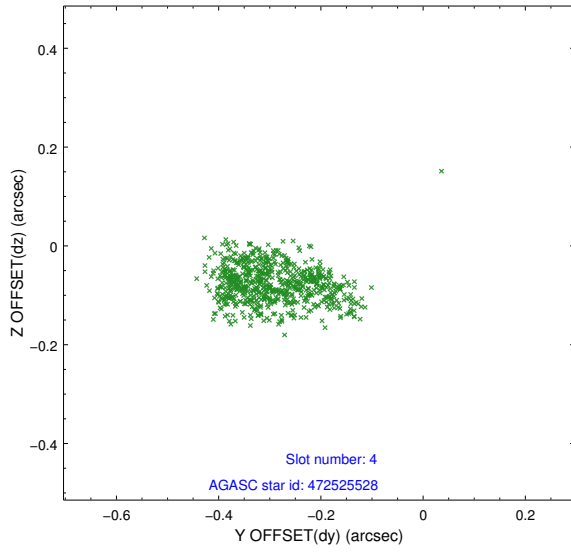
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	335	-0.060	0.020	0.008	0.015	0.000000	0.000000	-771.17	-1301.08
1	FID	HRC-I-2	7.03	335	0.239	-0.153	0.006	0.011	0.000000	0.000000	839.46	-1306.74
2	FID	HRC-I-3	7.08	335	-0.059	0.045	0.006	0.012	0.000000	0.000000	-1197.10	999.62
3	GUIDE	472523760	8.23	669	0.081	-0.089	0.061	0.096	331.645363	45.403260	1825.44	931.22
4	GUIDE	472525528	6.63	669	-0.305	-0.078	0.087	0.151	331.551102	45.248694	2226.98	1387.75
5	GUIDE	472533912	9.15	669	0.040	-0.017	0.110	0.183	331.791136	46.368695	408.99	-2260.07
6	GUIDE	472535576	7.87	669	-0.083	0.065	0.063	0.100	331.438373	46.291802	1325.71	-2273.88
7	GUIDE	472665256	9.02	668	0.257	0.117	0.080	0.133	332.808125	46.195041	-1816.18	-906.40

2.4 Star Slots

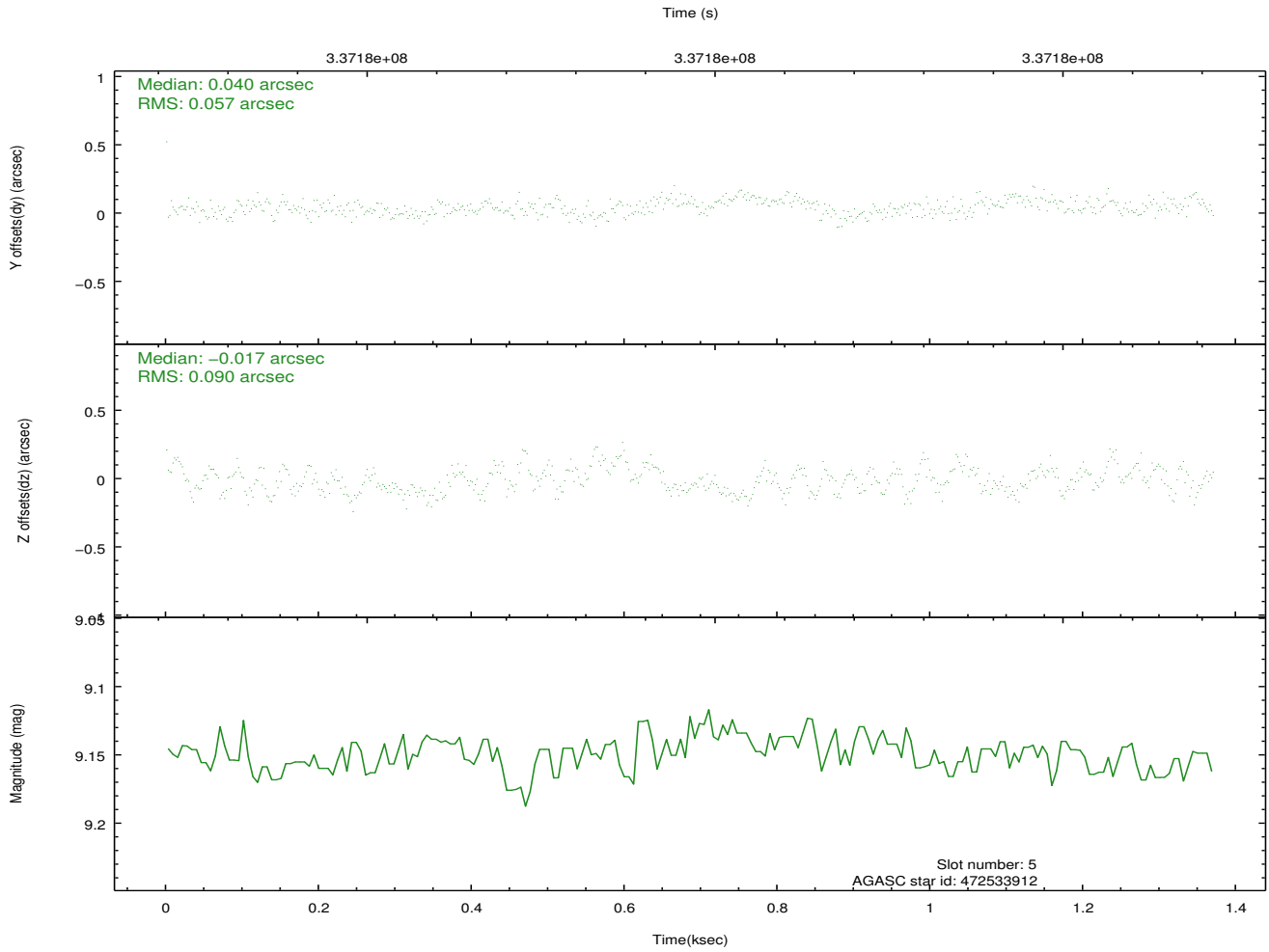
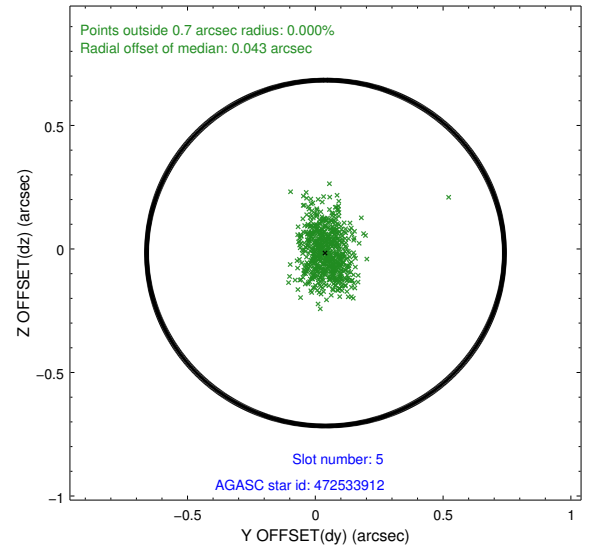
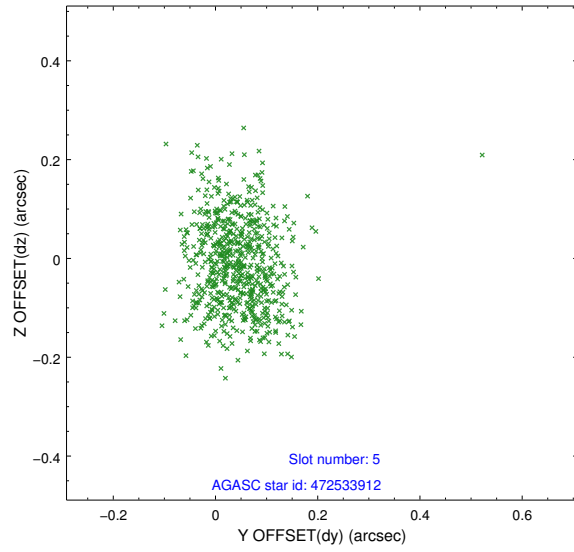
2.4.1 Slot 3



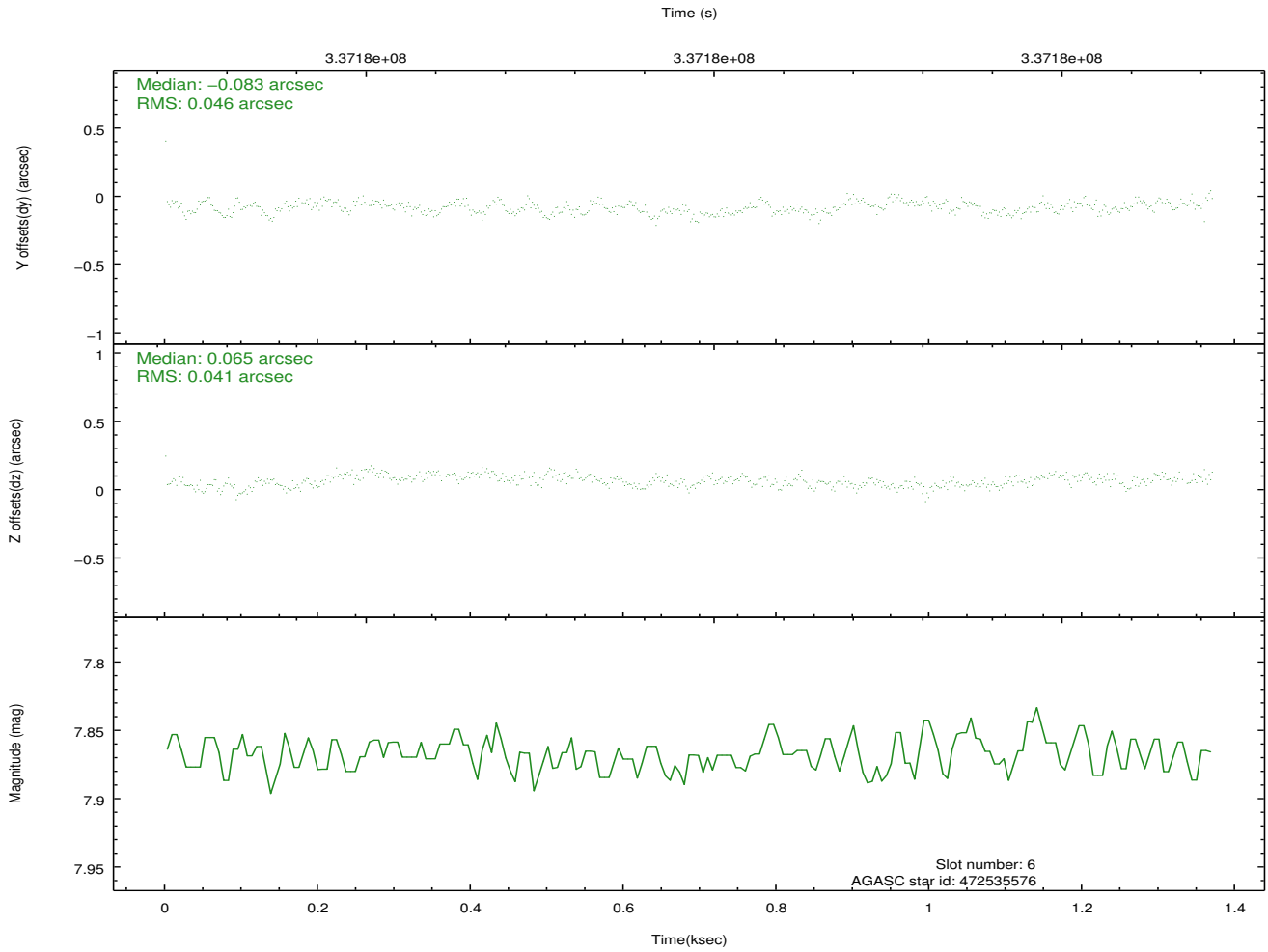
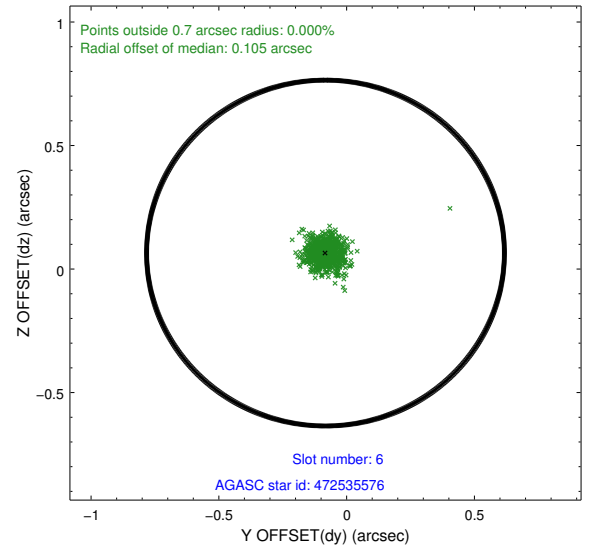
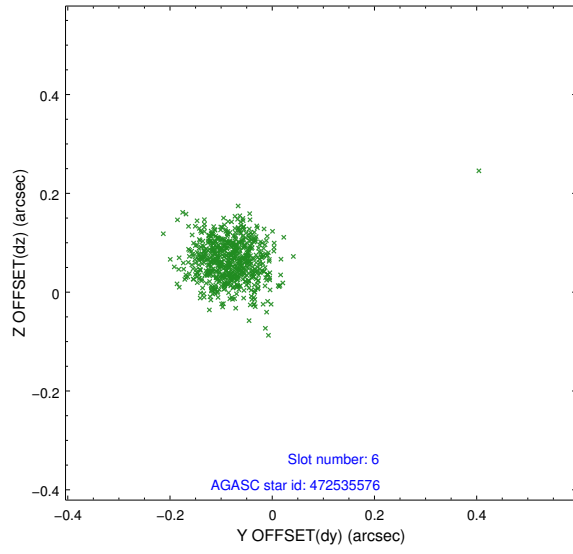
2.4.2 Slot 4



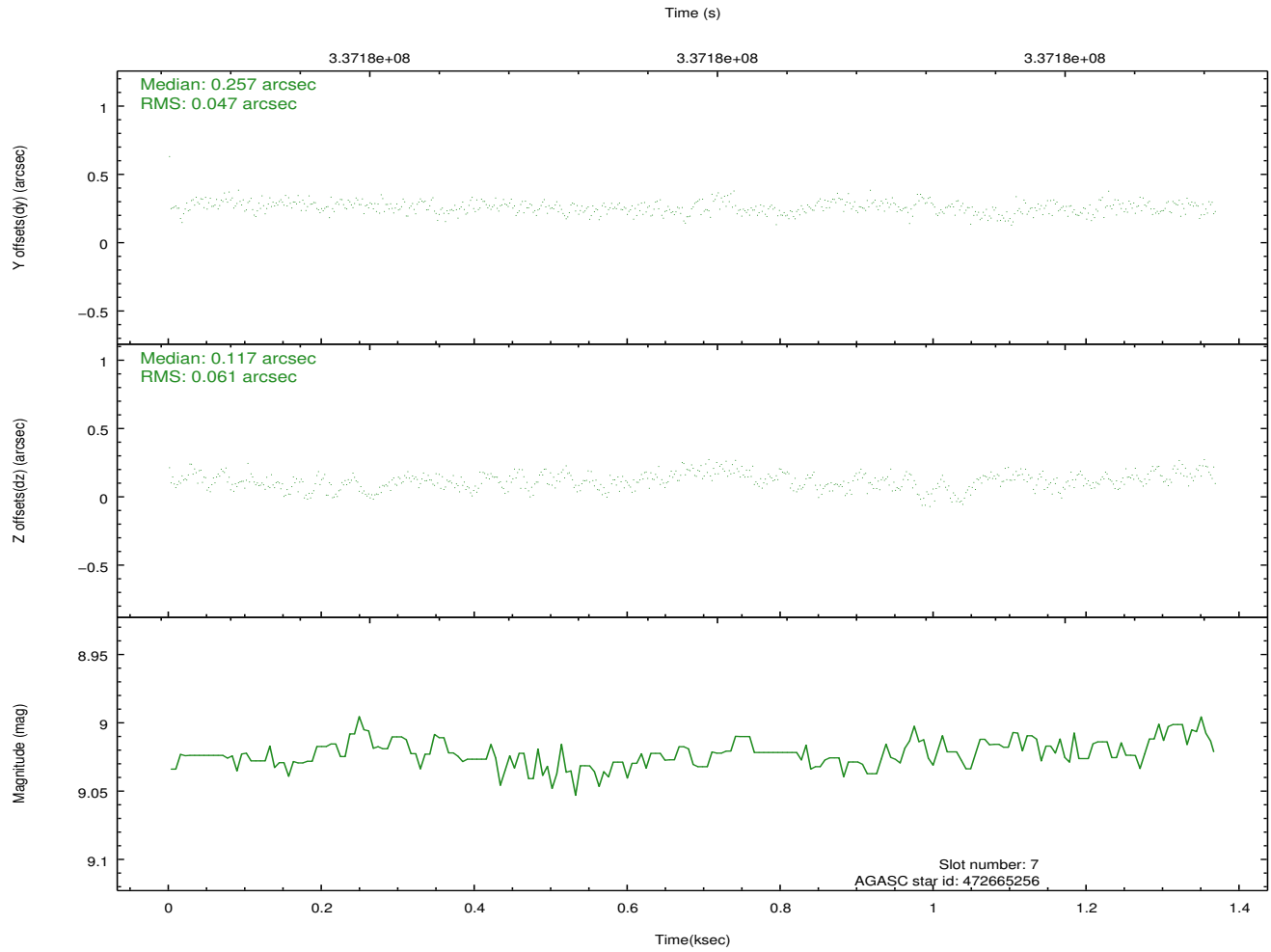
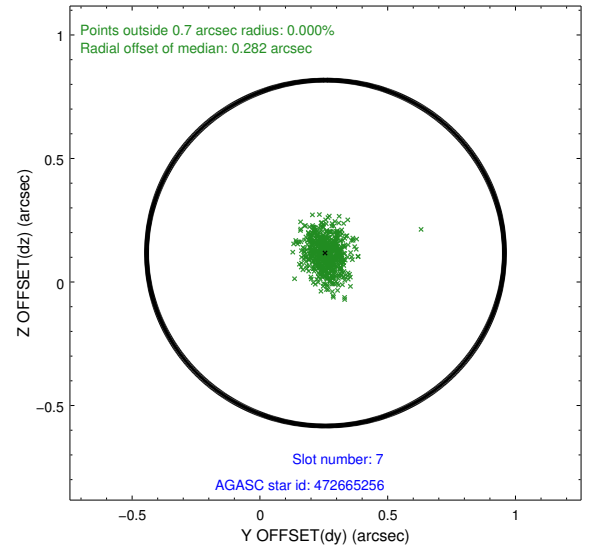
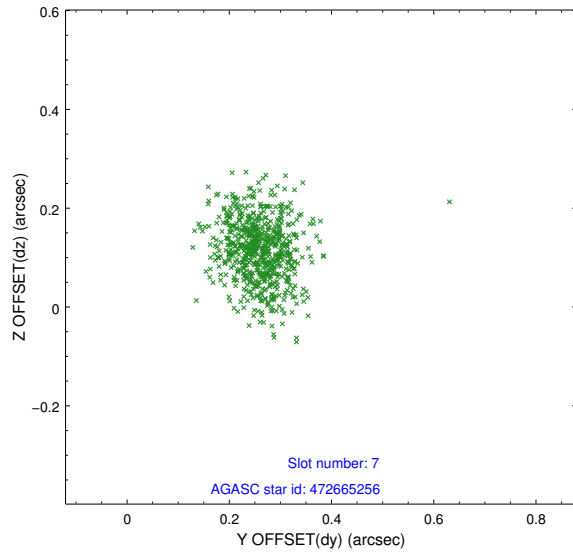
2.4.3 Slot 5



2.4.4 Slot 6

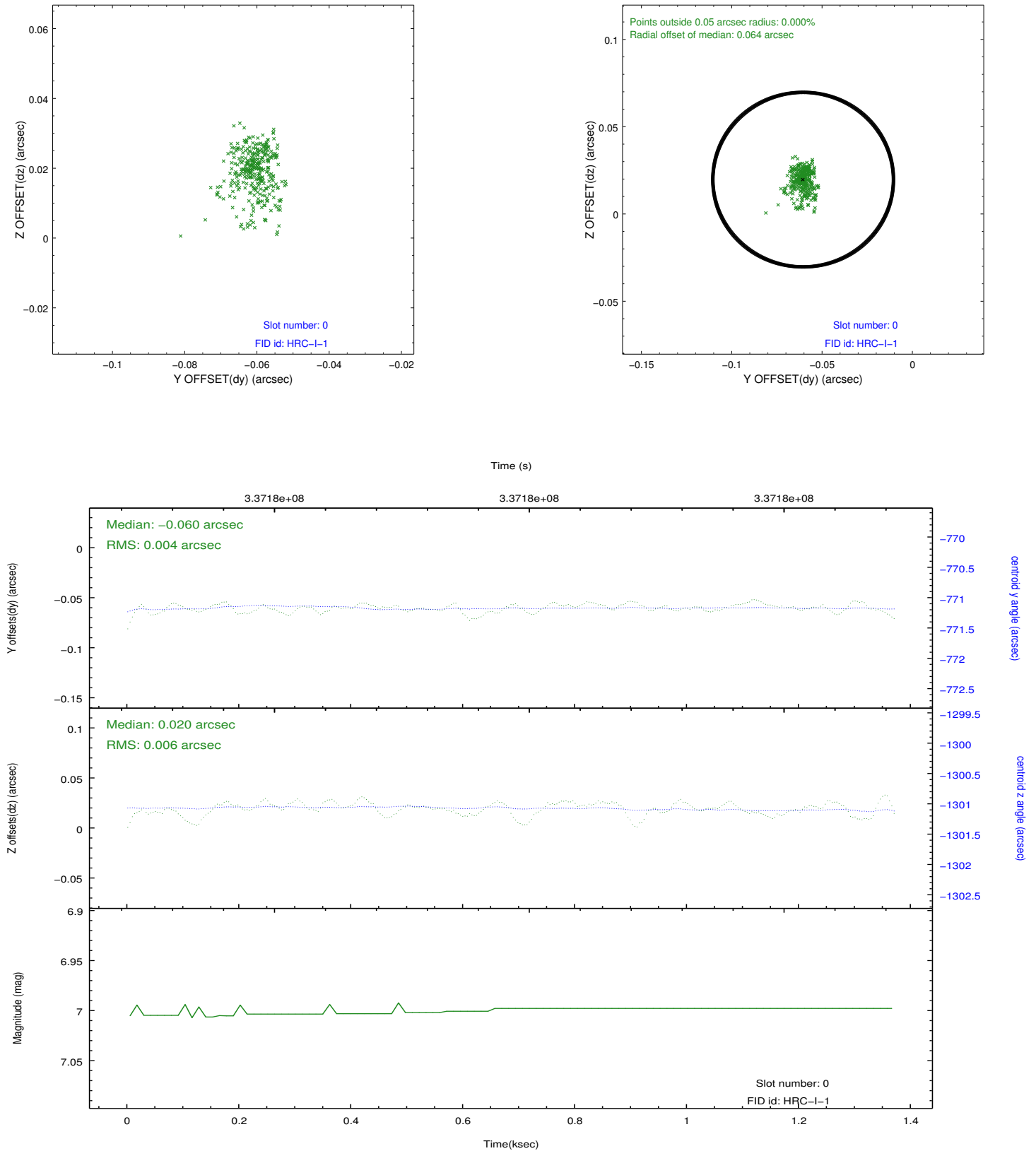


2.4.5 Slot 7

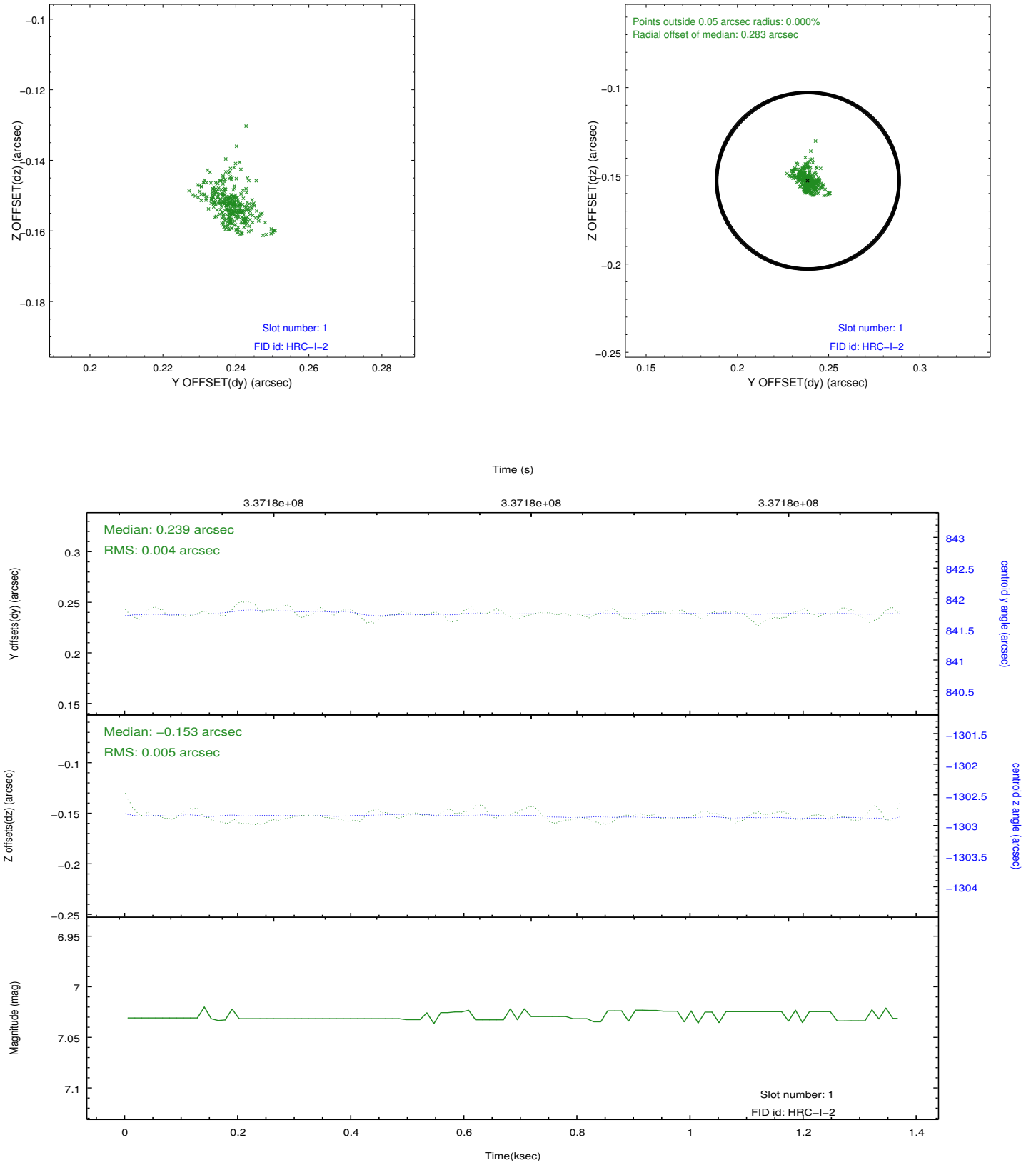


2.5 FID Slots

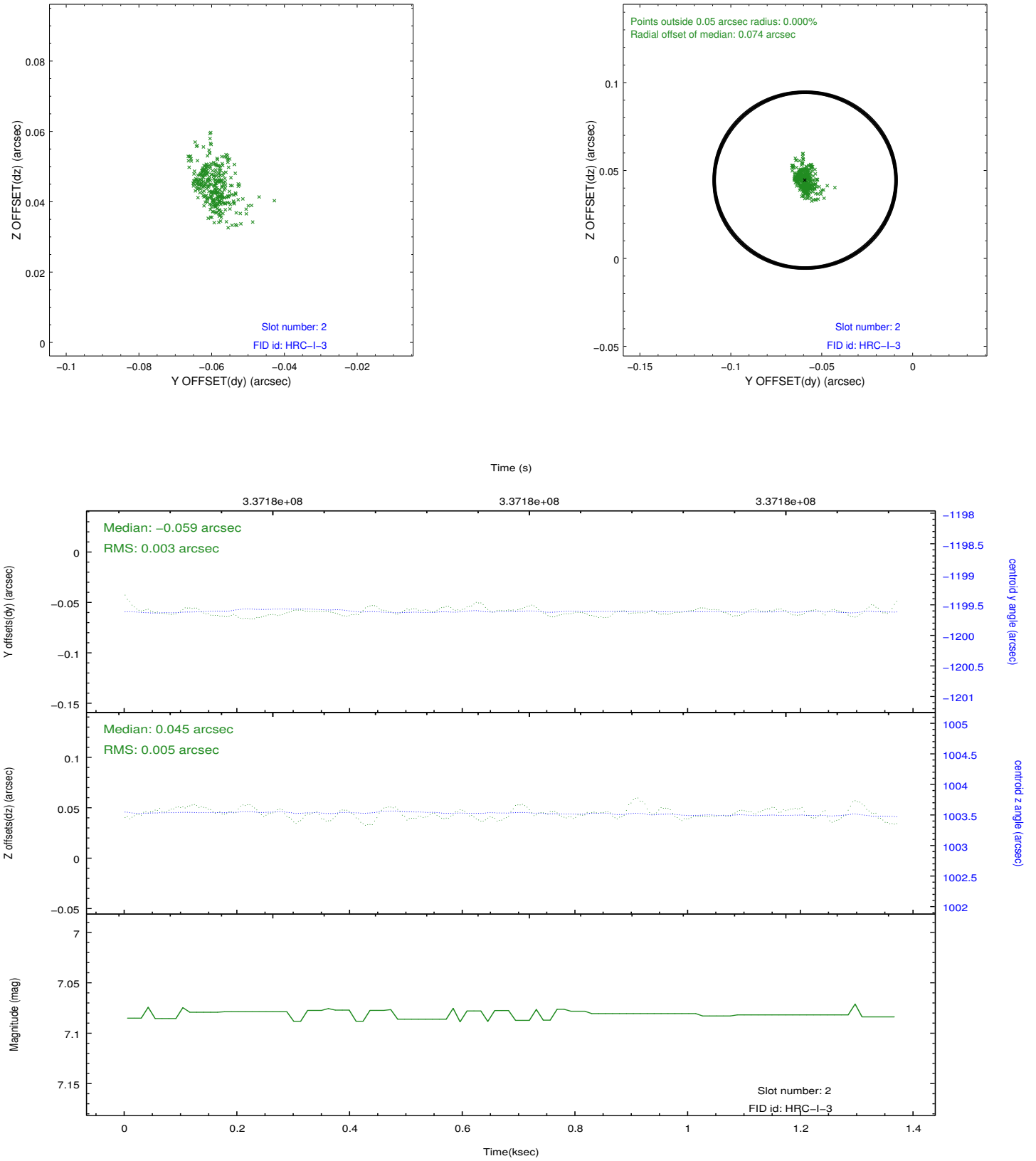
2.5.1 Slot 0



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)	2012.08.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.36863131

A.2 Comments