

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 6020 - L2 Version 3
Chandra X-Ray Center

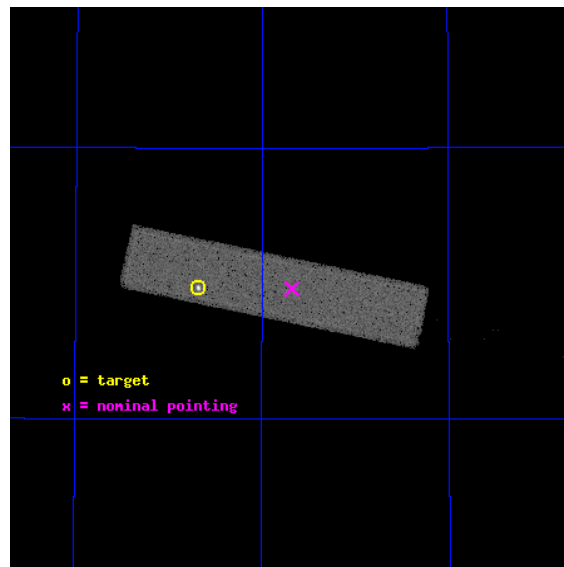
L2 Processing Date : Dec 28 2012

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1 Front

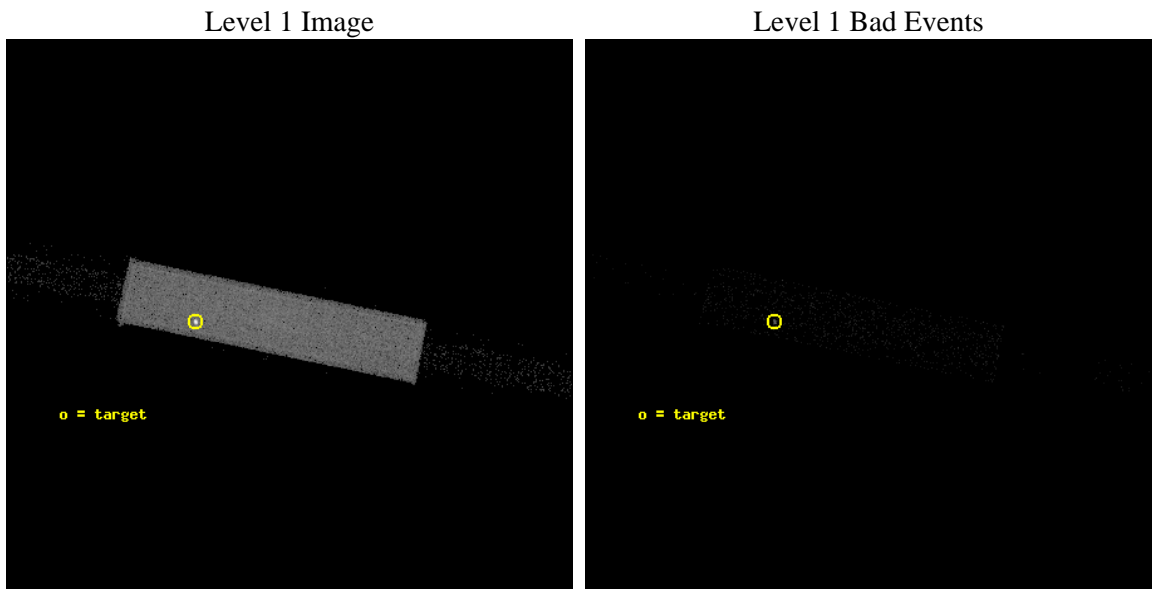
seq_num	290512	Sequence number
obs_id	6020	Observation id
title	AO6B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	331.9196553935	Nominal RA [deg]
dec_nom	45.740954393549	Nominal Dec [deg]
roll_nom	191.56654937904	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1159.5313032866	[s]
livetime	1151.3110657785	Ontime multiplied by DTCOR
l2events	58054	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	8.5.1.1	Processing system revision	ontime	1159.5313032866	[s]
caldsver	4.5.5	 	l1events	88661	Number of level 1 events
date	2012-12-28T18:51:48	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

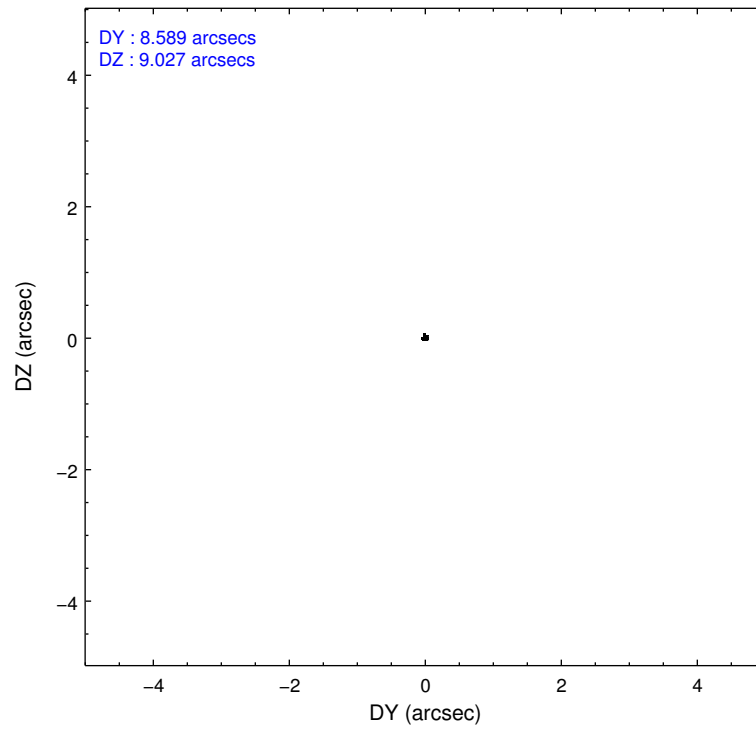
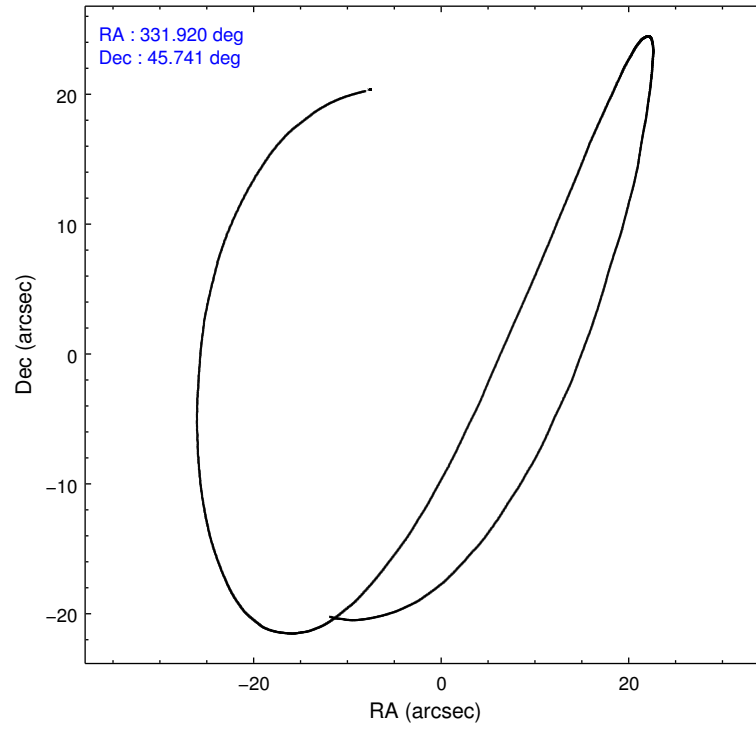
Level 1 Events

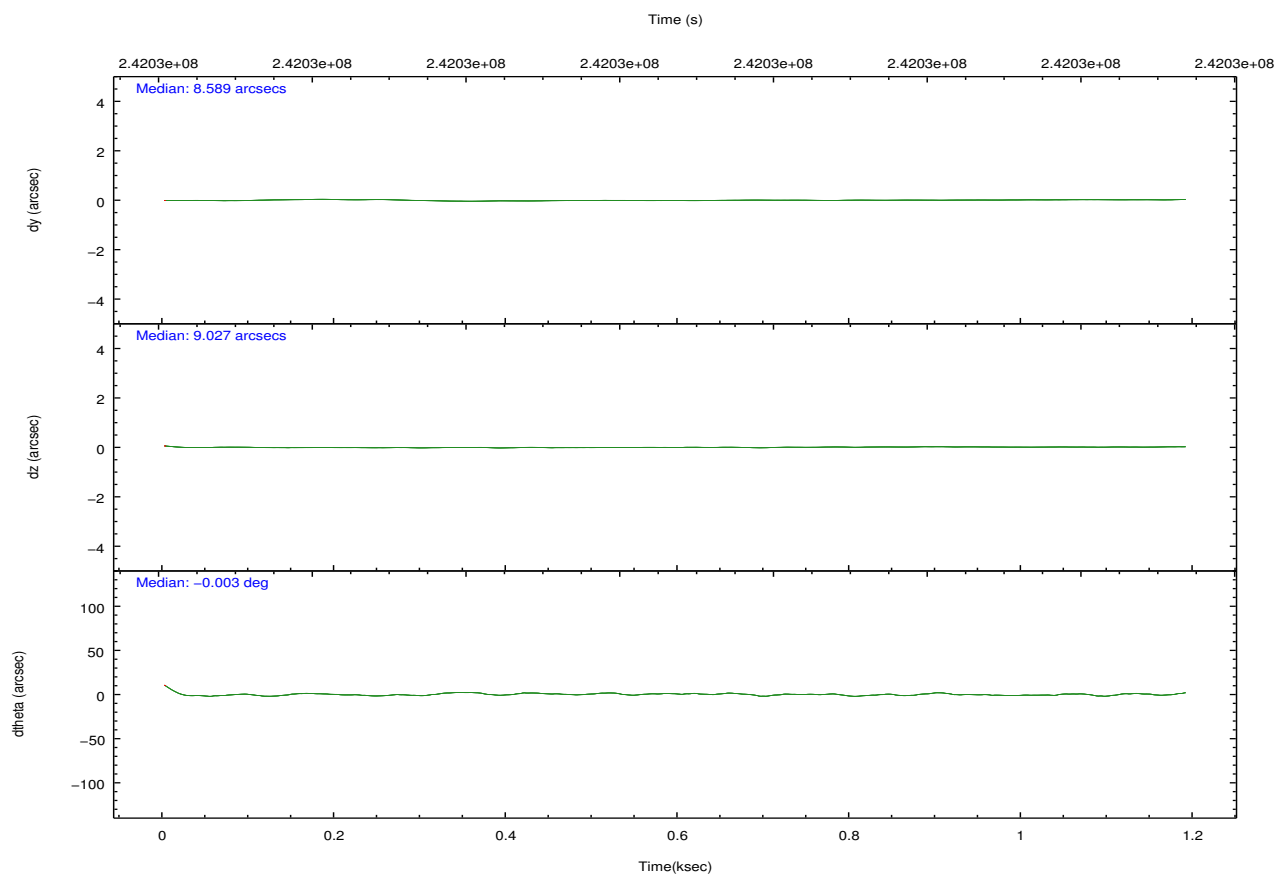
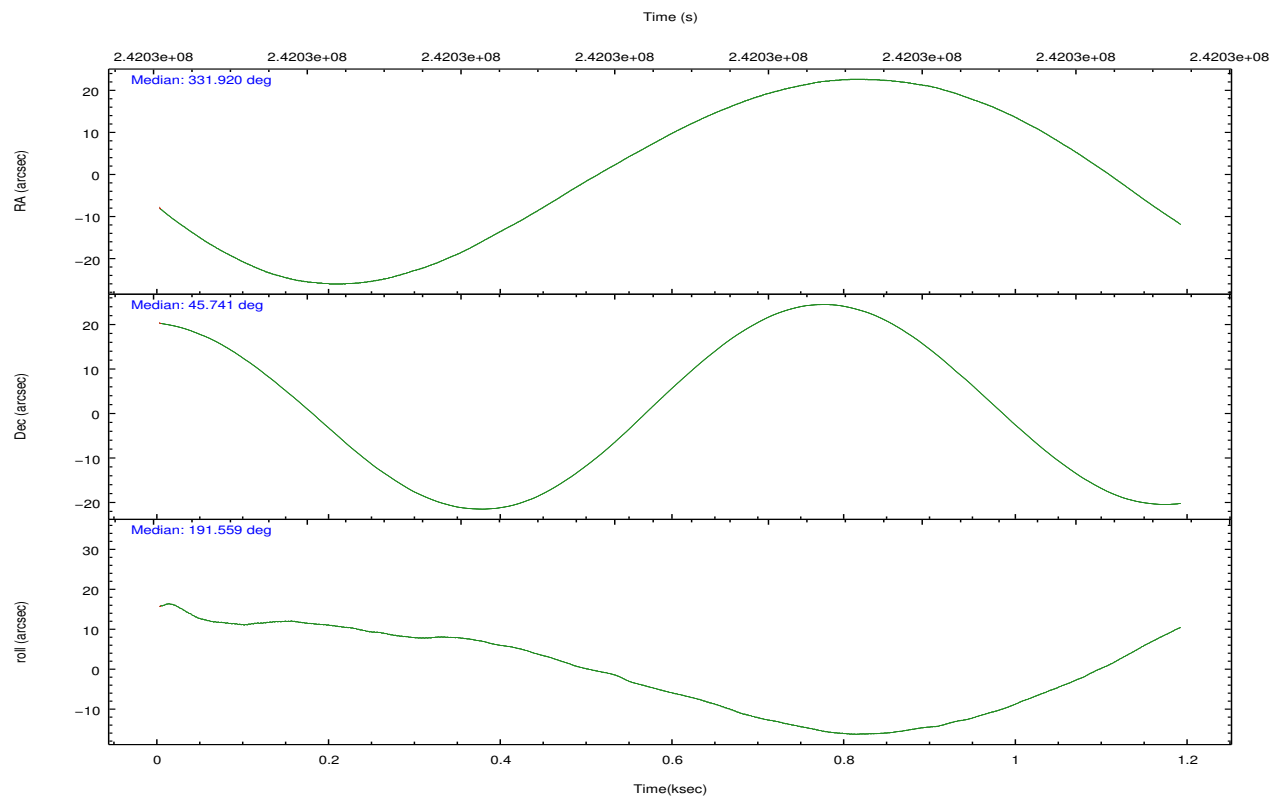
	segment 1	segment 2	segment 3
level 1 events	893	86931	837
rejected events	893	16519	829
rejected %	100%	19%	99%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	331.949136	331.9196553935035			
[deg] Pointing Dec	45.761223	45.74095439354924			
[deg] Pointing Roll	191.477998	191.5665493790376			
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	242028464.184000	242028088.38482			
Observation start date	2005-09-02T06:06:40	2005-09-02T06:01:28			
[s] Observation end time (MET)	242029464.184000	242030412.05993			
Observation end date	2005-09-02T06:23:20	2005-09-02T06:40:12			

2.3 Aspect



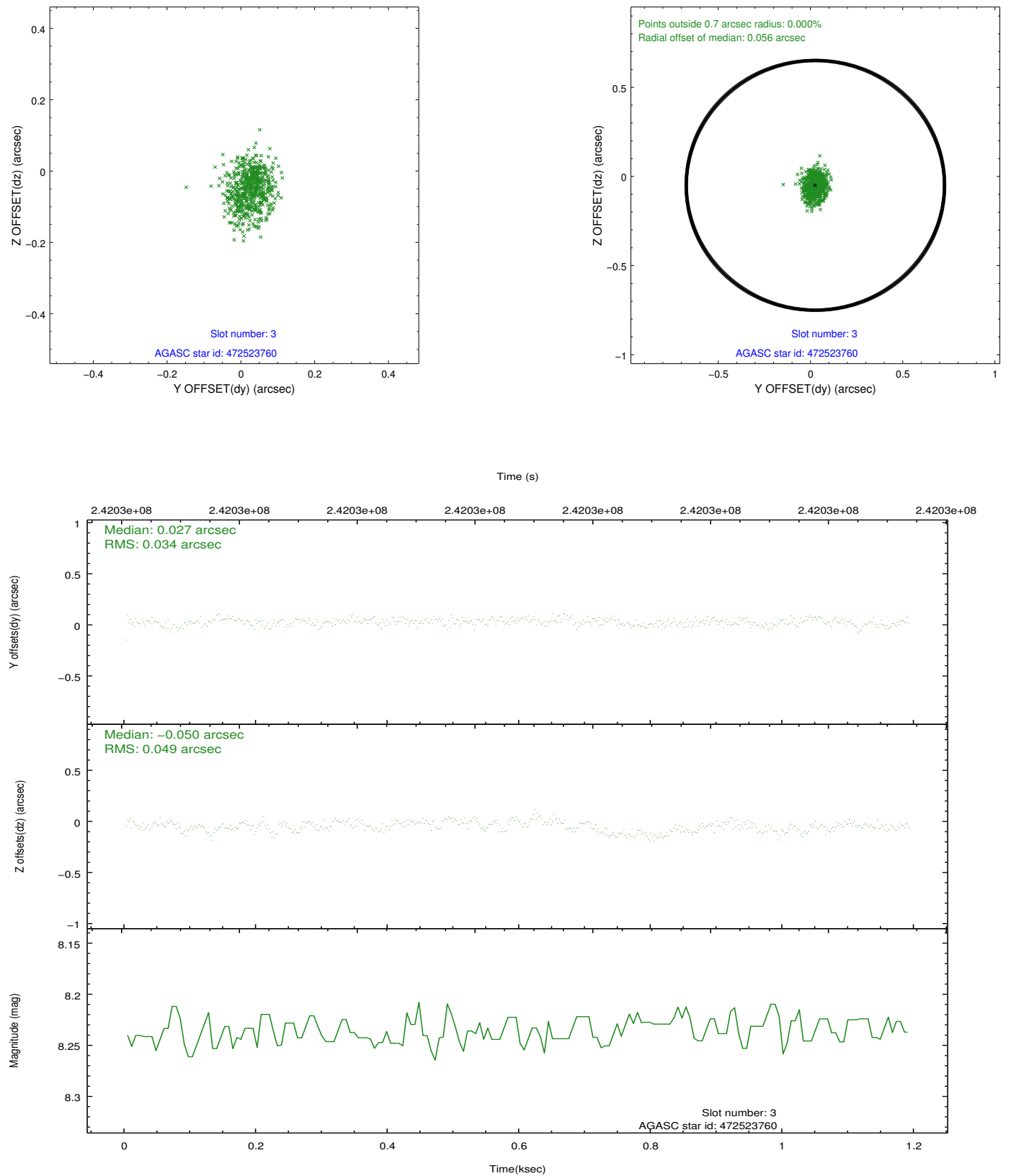


Slot Statistics

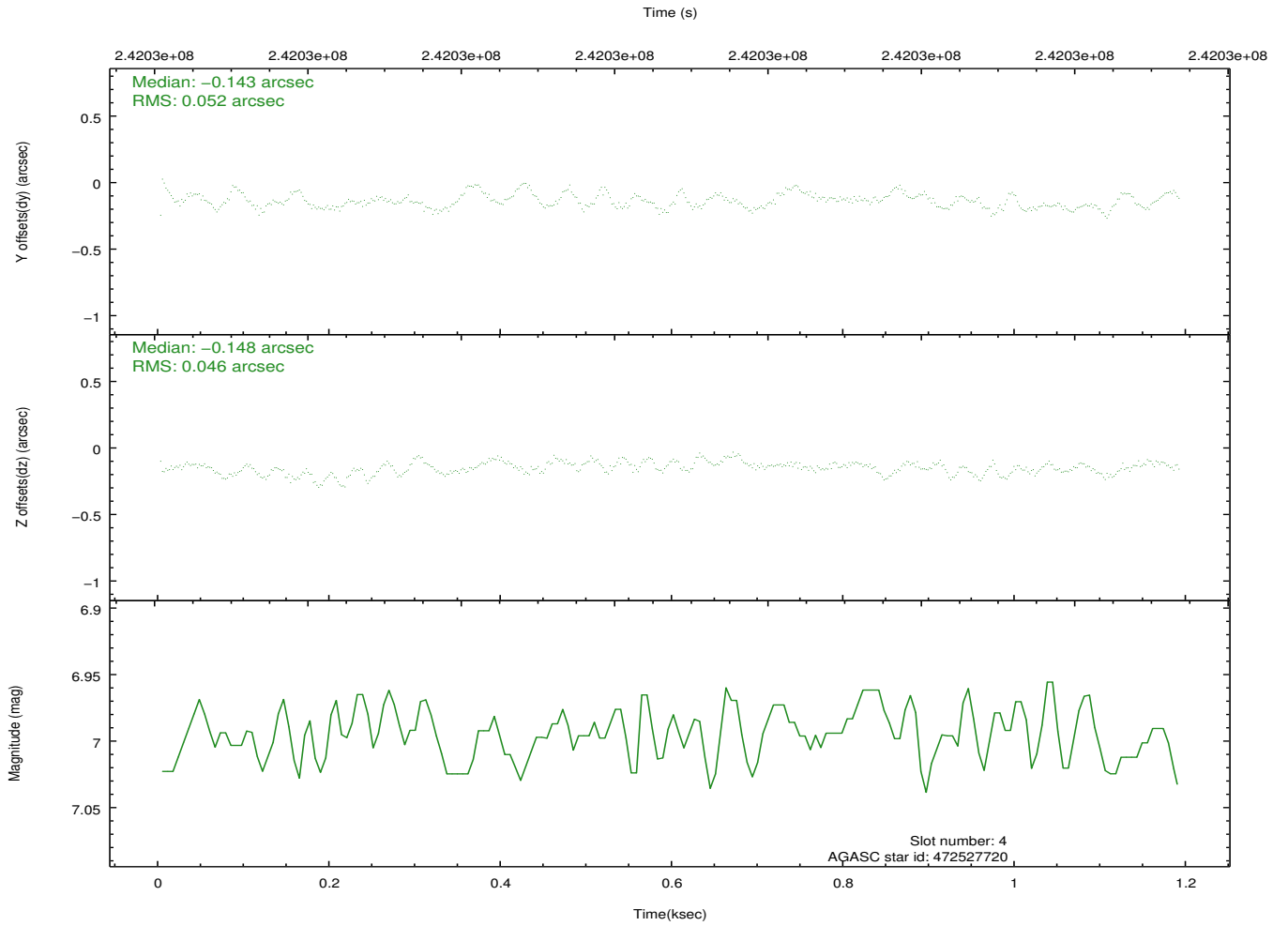
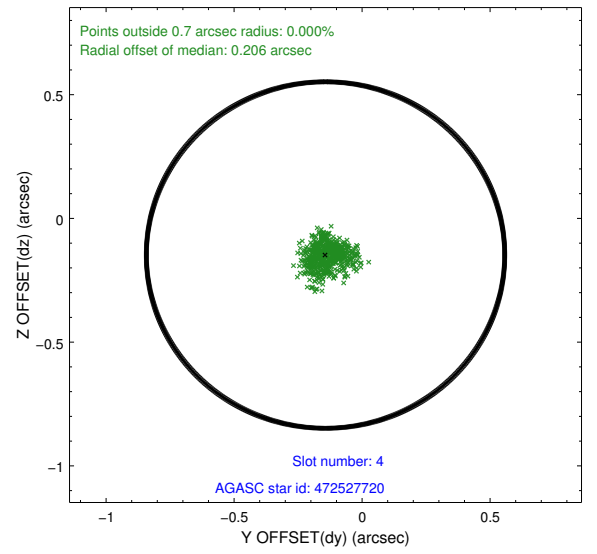
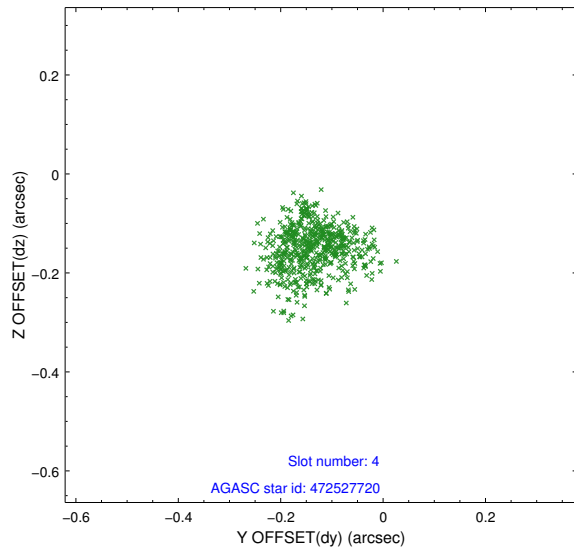
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.03	291	0.113	-0.189	0.007	0.012	0.000000	0.000000	-1162.80	-457.72
1	FID	HRC-S-3	7.05	291	0.064	-0.014	0.009	0.013	0.000000	0.000000	-1169.57	570.41
2	FID	HRC-S-4	7.01	291	0.210	-0.093	0.005	0.010	0.000000	0.000000	1231.54	576.42
3	GUIDE	472523760	8.24	581	0.027	-0.050	0.062	0.107	331.645363	45.403260	1008.14	1108.13
4	GUIDE	472527720	6.99	581	-0.143	-0.148	0.074	0.122	331.460205	45.112509	1682.27	2039.14
5	GUIDE	472533912	9.16	578	0.162	0.003	0.113	0.197	331.791136	46.368695	-47.75	-2218.89
6	GUIDE	472535576	7.86	581	-0.158	0.130	0.060	0.105	331.438373	46.291802	863.92	-2132.95
7	GUIDE	472655152	9.44	579	0.105	0.060	0.107	0.163	332.504239	45.862991	-1436.42	-91.26

2.4 Star Slots

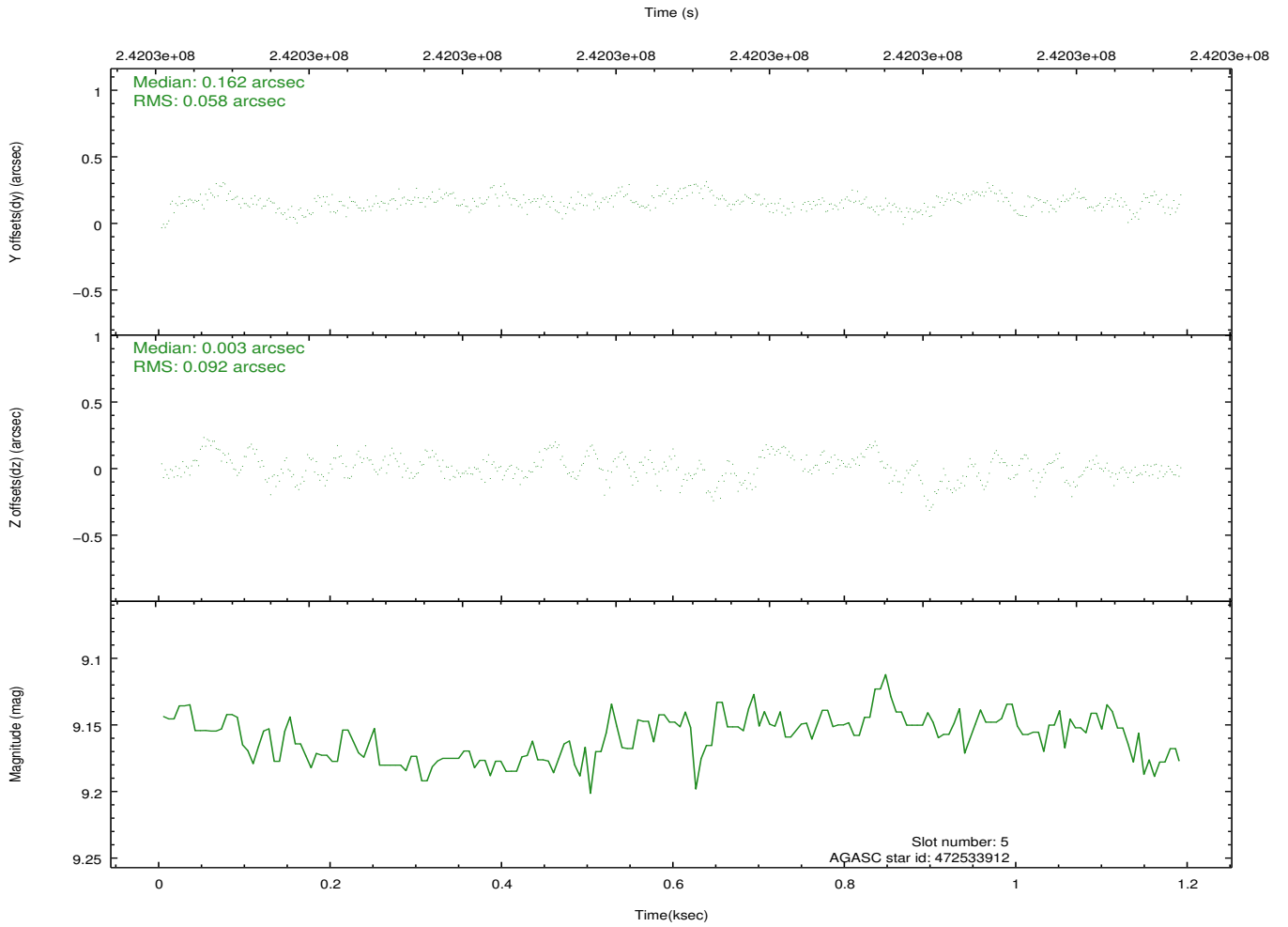
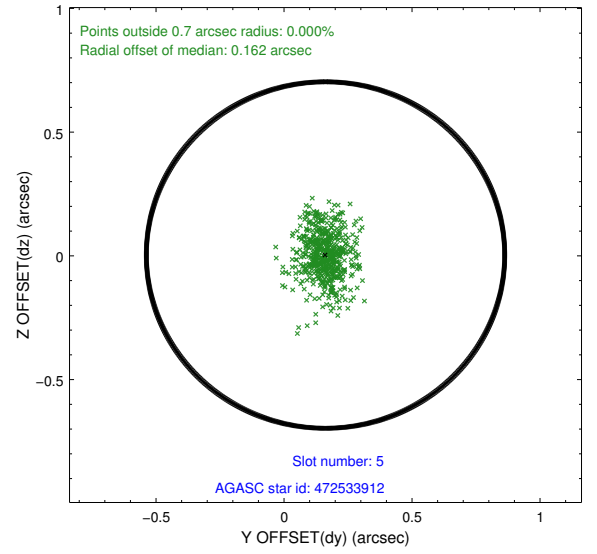
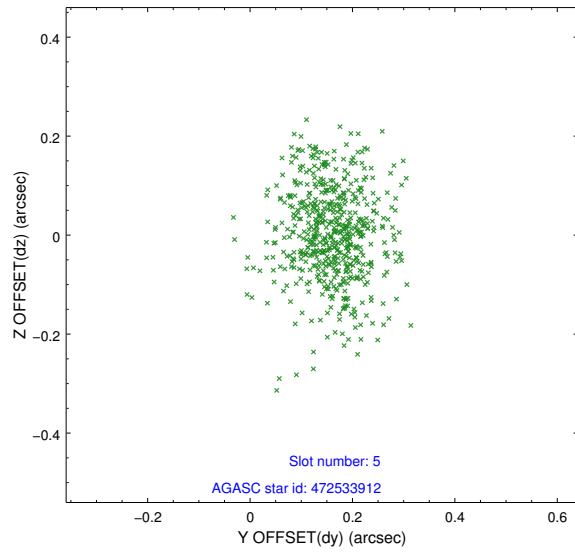
2.4.1 Slot 3



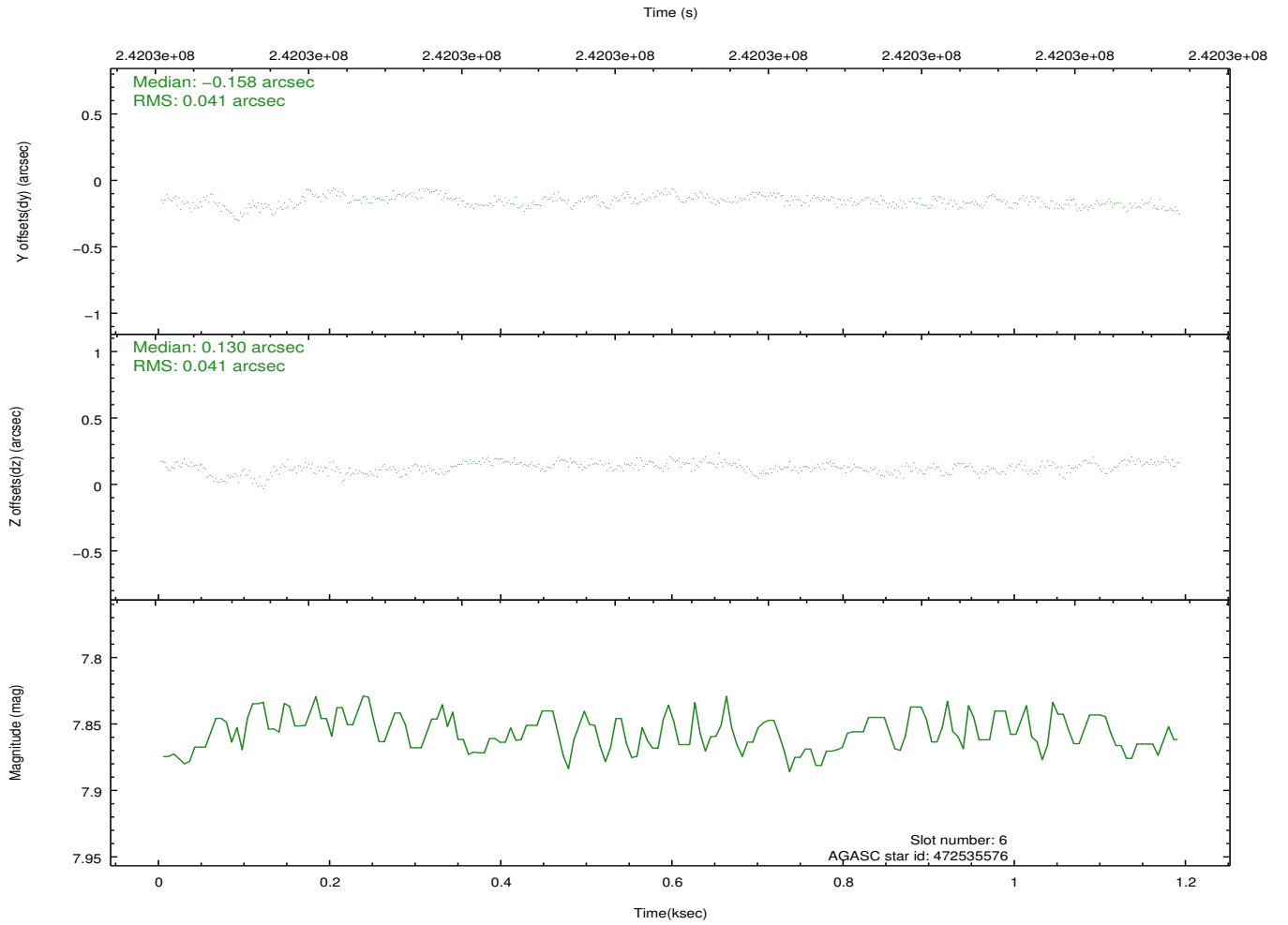
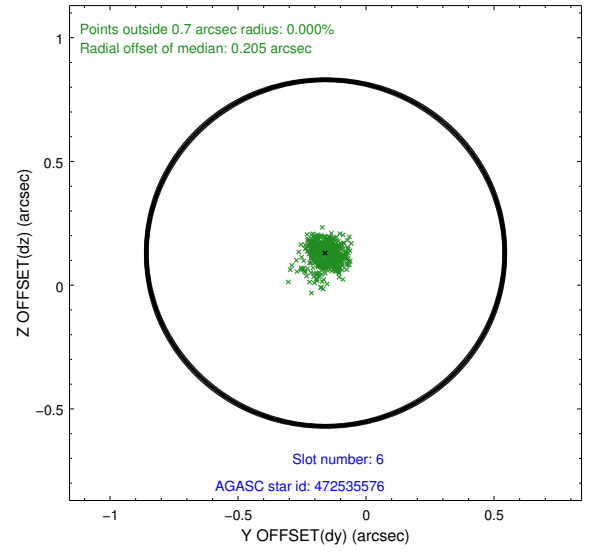
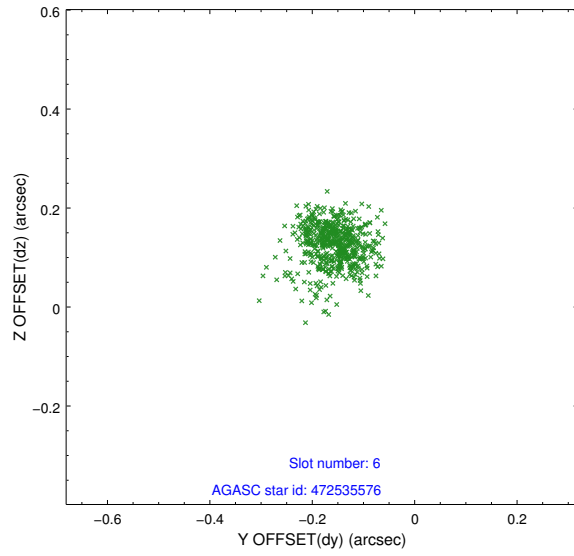
2.4.2 Slot 4



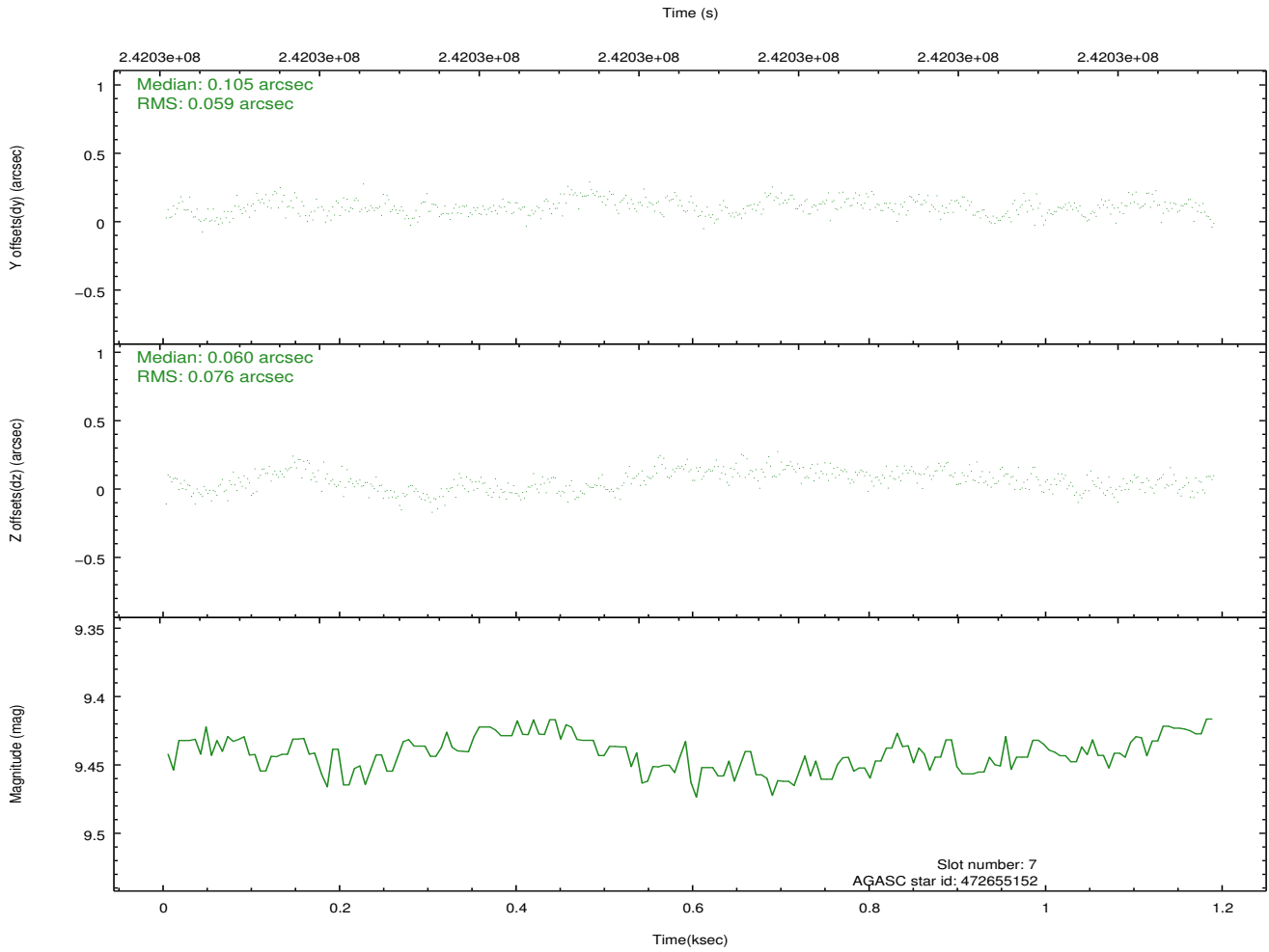
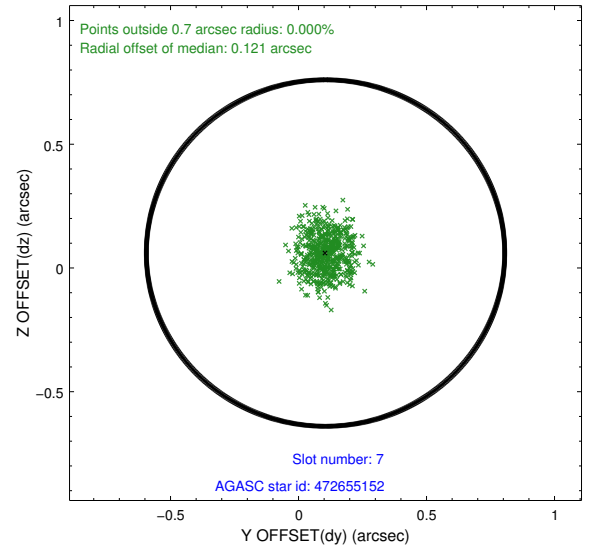
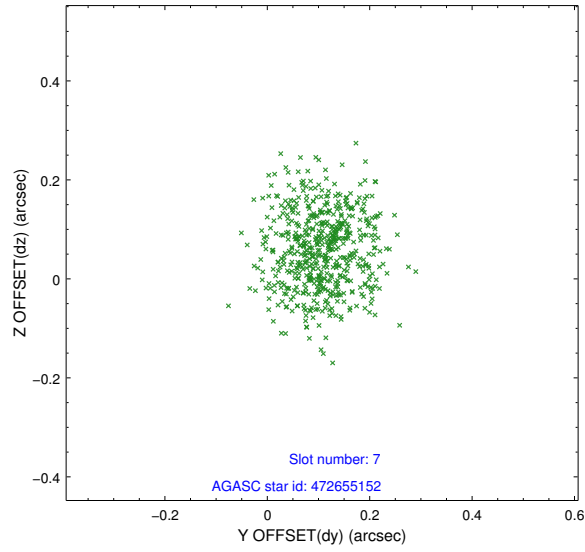
2.4.3 Slot 5



2.4.4 Slot 6

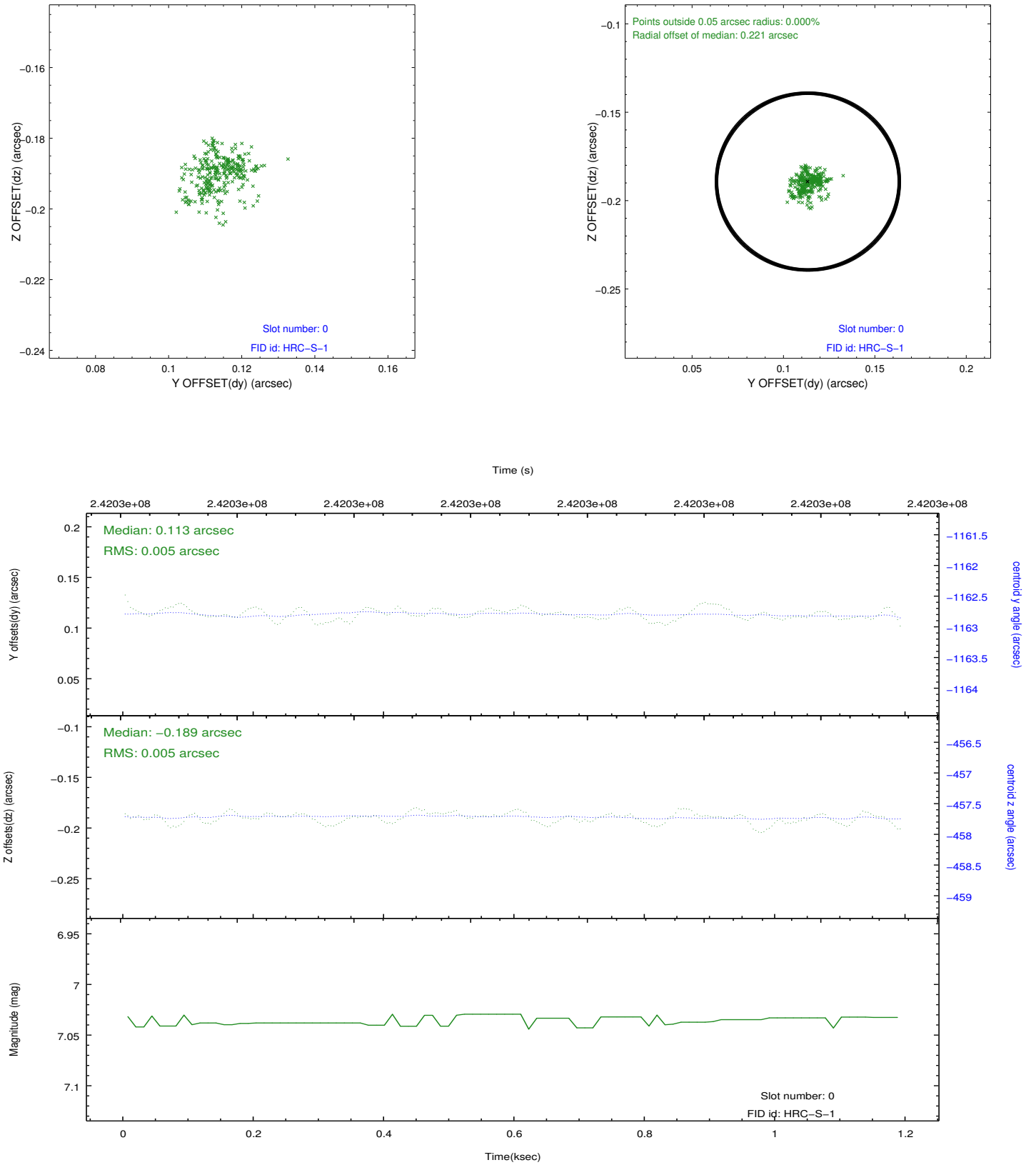


2.4.5 Slot 7

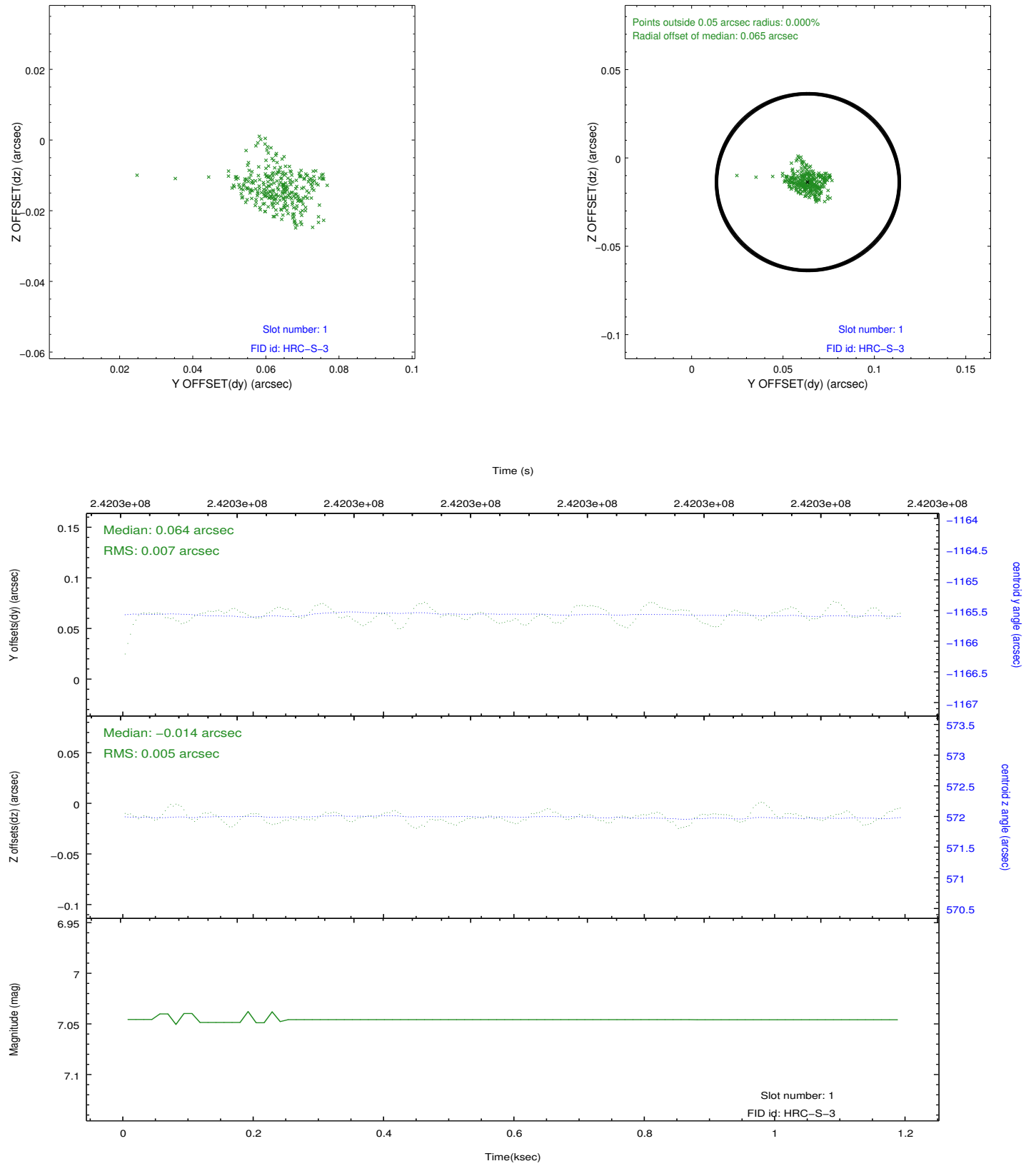


2.5 FID Slots

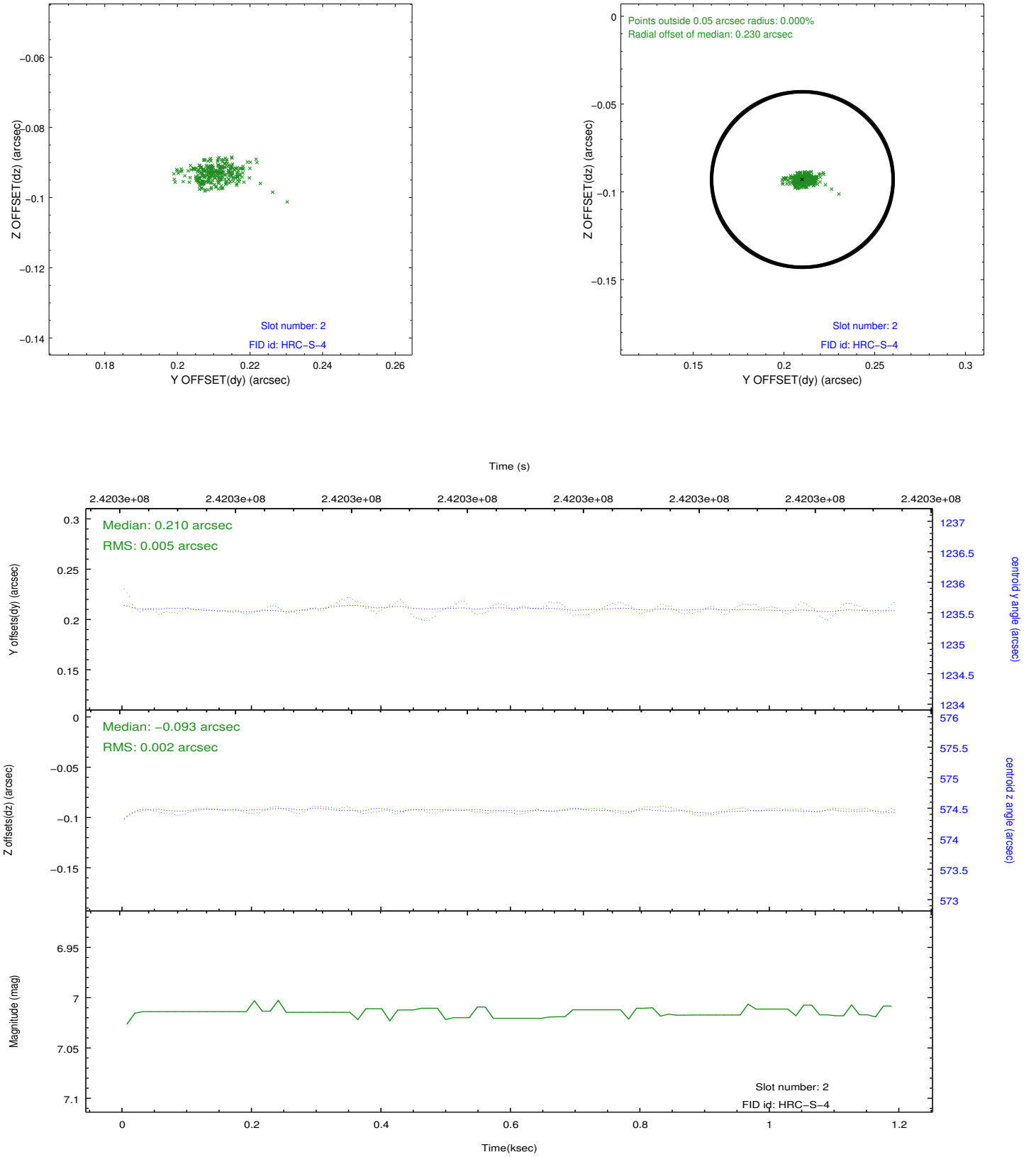
2.5.1 Slot 0



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)	2013.01.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.159531

A.2 Comments