

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 6033 - L2 Version 3
Chandra X-Ray Center

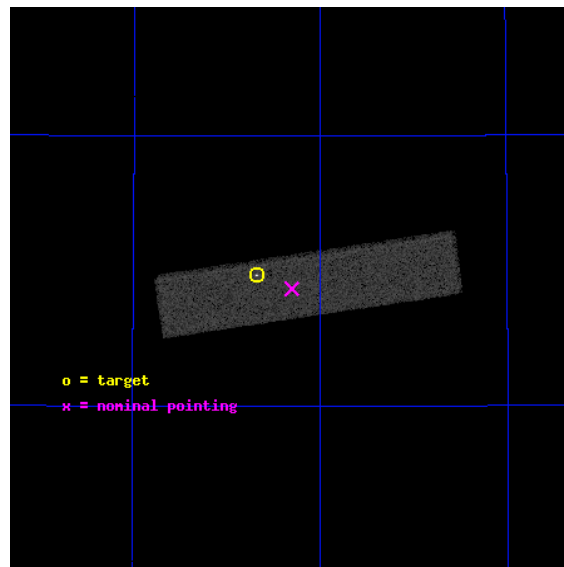
L2 Processing Date : Dec 17 2012

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1 Front

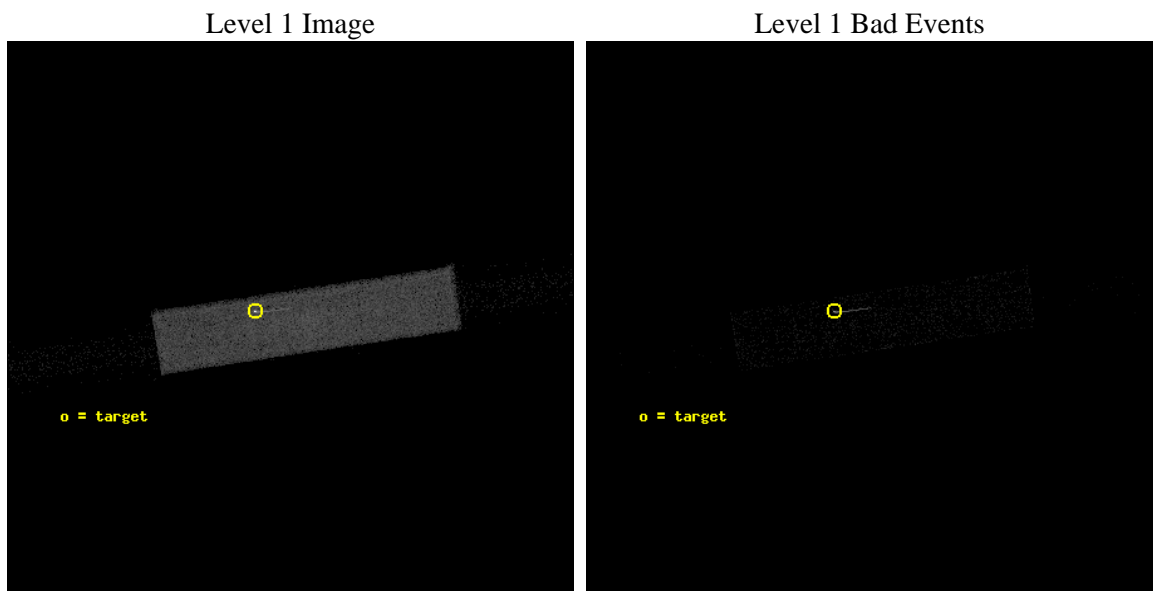
seq_num	290525	Sequence number
obs_id	6033	Observation id
title	AO6A Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.0753375805	Nominal RA [deg]
dec_nom	45.717392085143	Nominal Dec [deg]
roll_nom	351.46757345078	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1151.3313021064	[s]
livetime	1144.4917029252	Ontime multiplied by DTCOR
l2events	47650	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	Processing system revision	ontime	1151.3313021064	[s]
caldsver	4.5.5	 	l1events	77521	Number of level 1 events
date	2012-12-17T04:28:16	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

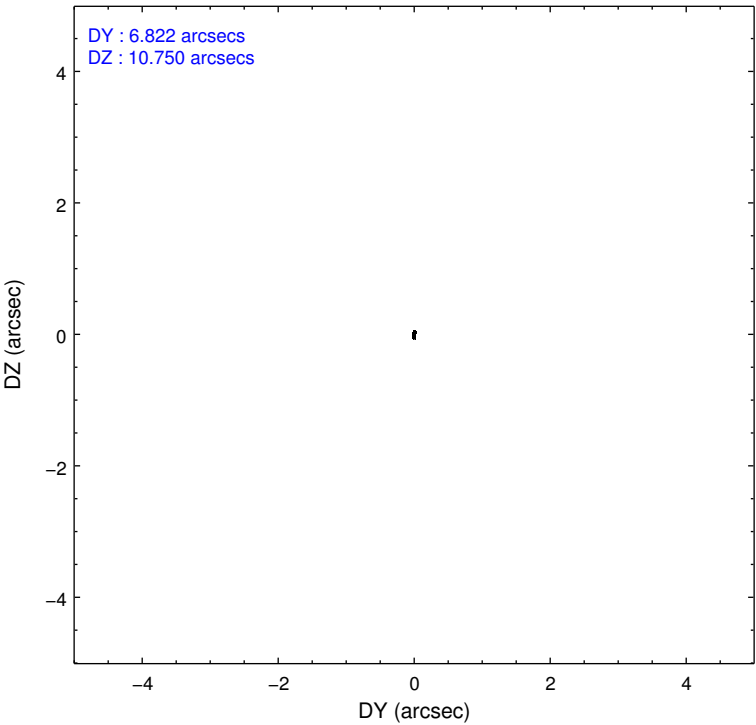
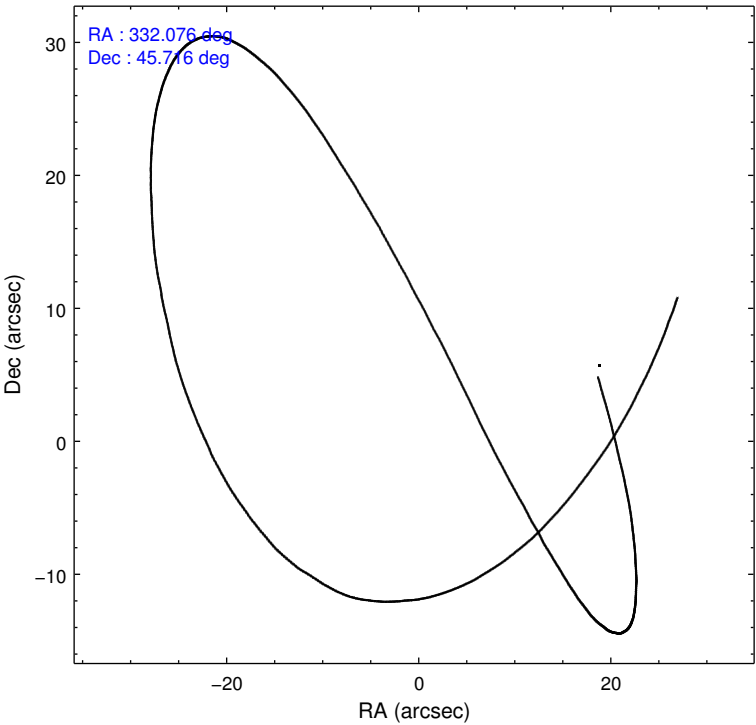
Level 1 Events

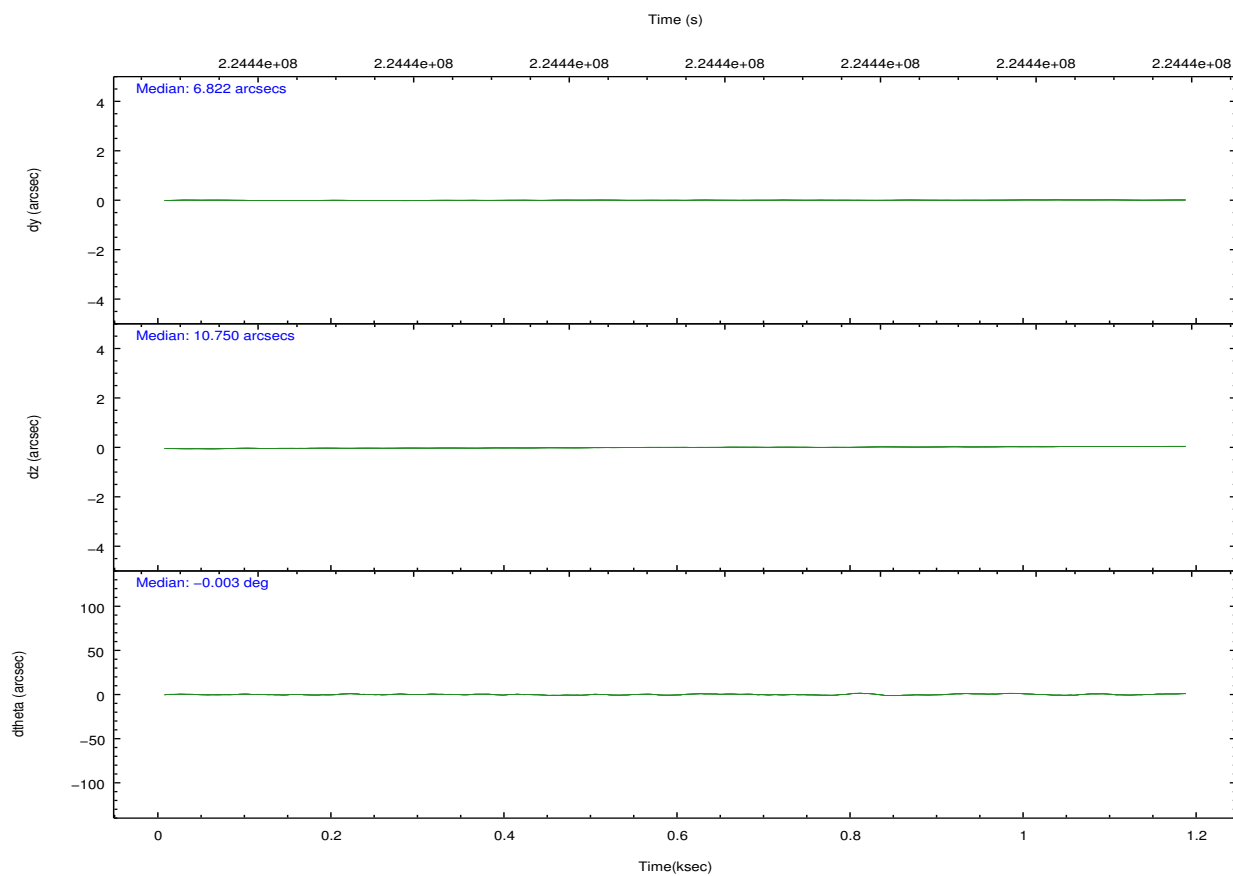
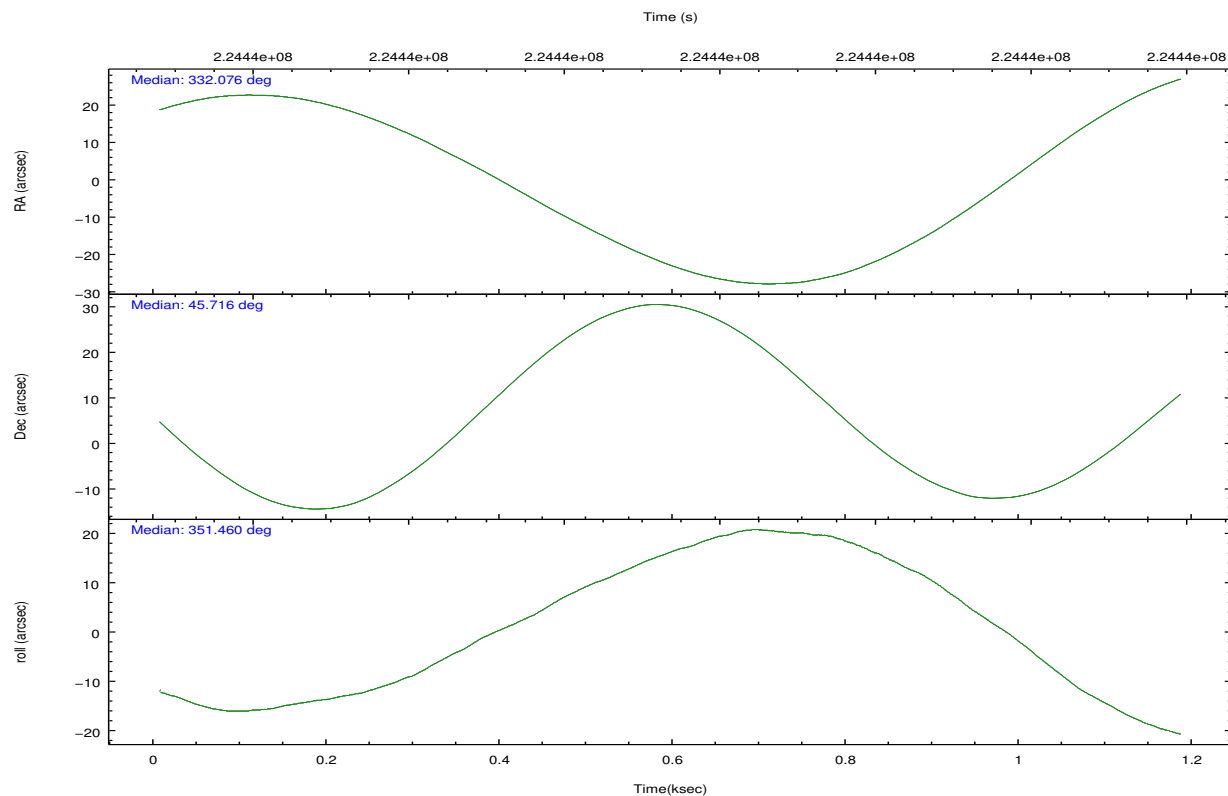
	segment 1	segment 2	segment 3
level 1 events	702	76090	729
rejected events	702	17518	728
rejected %	100%	23%	99%

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	332.037687	332.0753375805006			
[deg] Pointing Dec	45.706754	45.71739208514337			
[deg] Pointing Roll	351.427192	351.4675734507776			
[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)	224440333.184000	224439956.78319			
Observation start date	2005-02-10T16:31:09	2005-02-10T16:25:56			
[s] Observation end time (MET)	224441333.184000	224441466.60826			
Observation end date	2005-02-10T16:47:49	2005-02-10T16:51:06			

2.3 Aspect



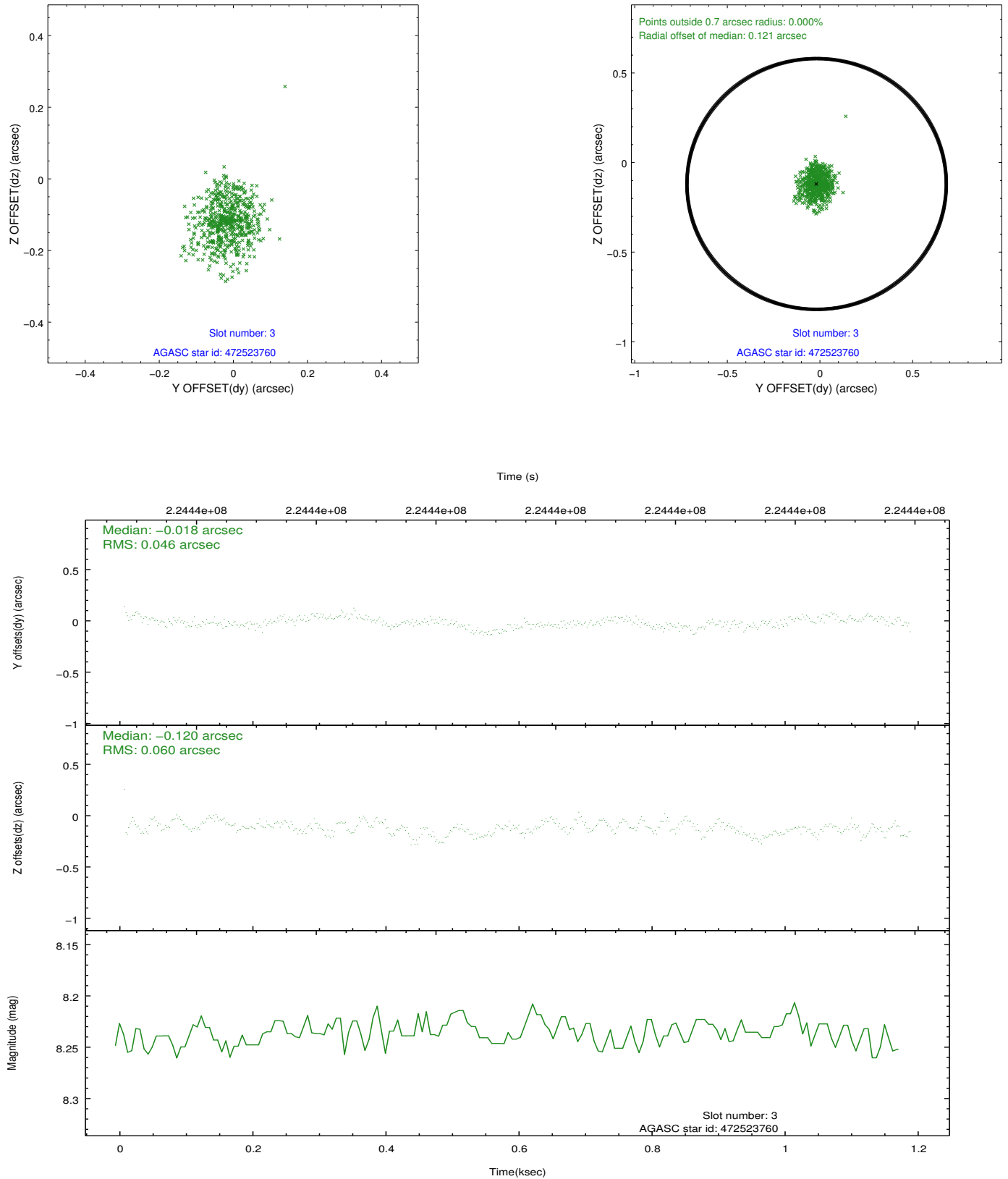


Slot Statistics

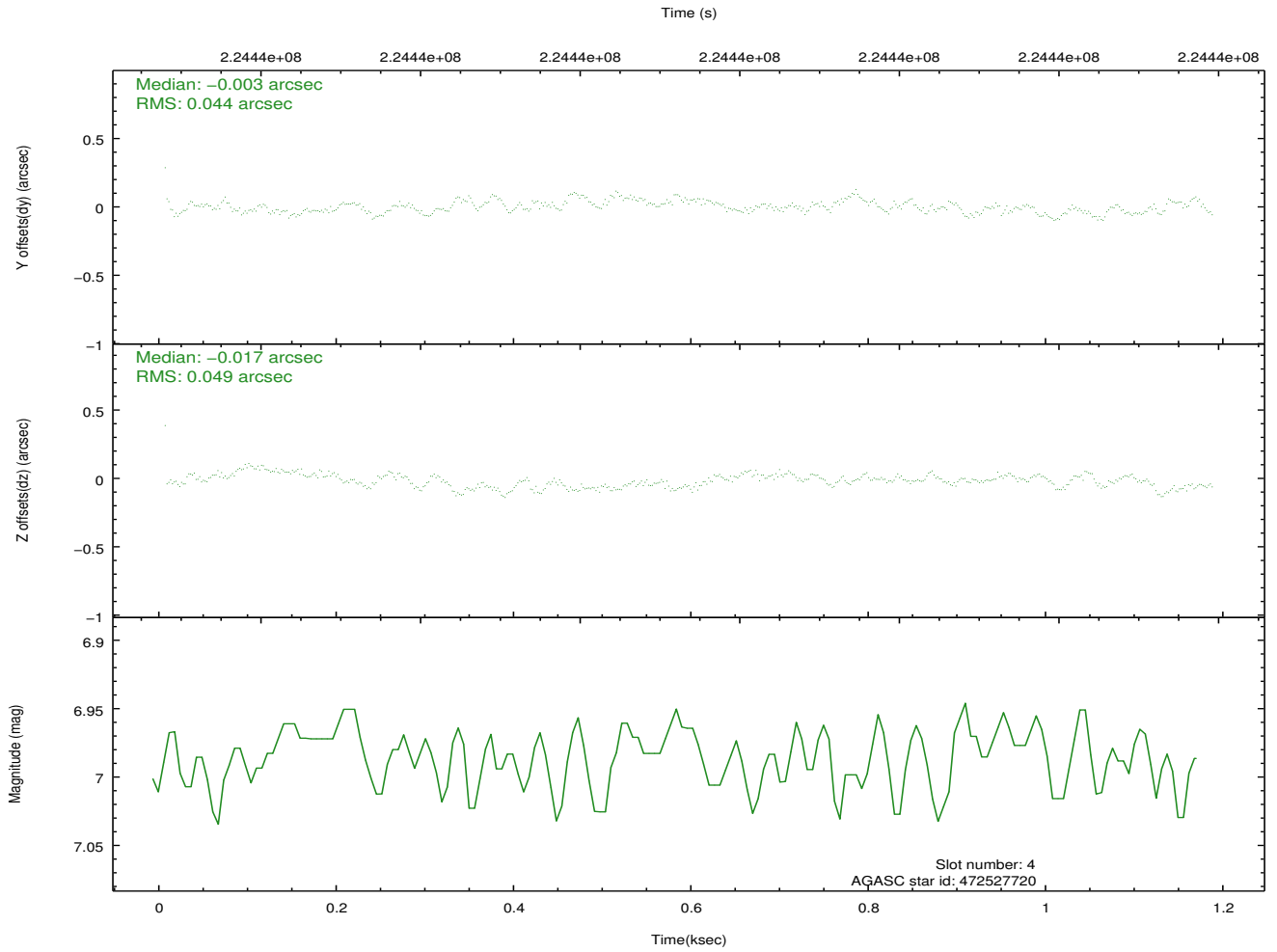
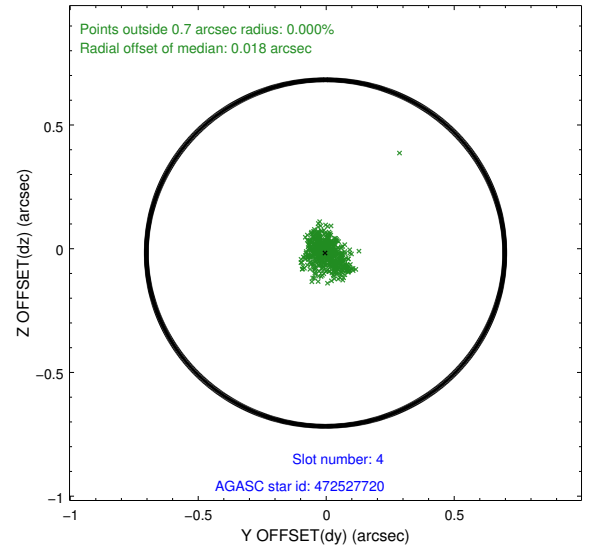
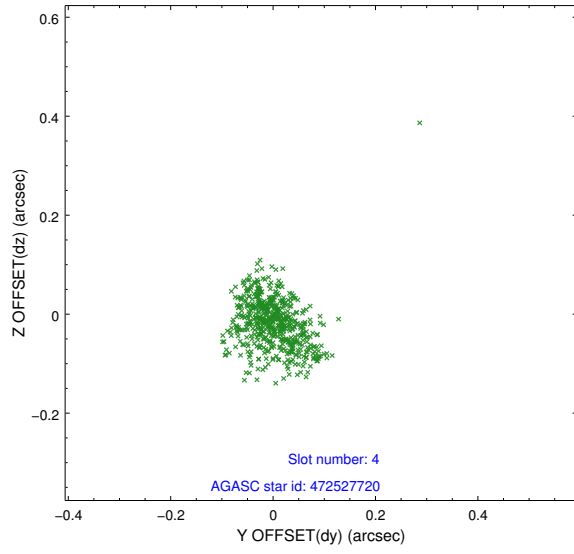
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.03	288	0.115	-0.176	0.007	0.011	0.000000	0.000000	-1160.98	-459.45
1	FID	HRC-S-2	7.02	288	0.181	-0.116	0.004	0.008	0.000000	0.000000	1234.74	-453.65
2	FID	HRC-S-3	7.04	288	0.094	-0.011	0.007	0.011	0.000000	0.000000	-1159.42	568.67
3	GUIDE	472523760	8.24	577	-0.018	-0.120	0.081	0.127	331.645363	45.403260	-819.24	-1221.84
4	GUIDE	472527720	6.98	577	-0.003	-0.017	0.069	0.111	331.460205	45.112509	-1135.09	-2326.96
5	GUIDE	472533912	9.17	577	0.083	0.058	0.111	0.173	331.791136	46.368695	-964.48	2266.14
6	GUIDE	472535576	7.86	577	-0.021	0.033	0.062	0.095	331.438373	46.291802	-1792.24	1873.94
7	GUIDE	472665256	9.02	576	-0.044	0.044	0.085	0.143	332.808125	46.195041	1630.40	2041.34

2.4 Star Slots

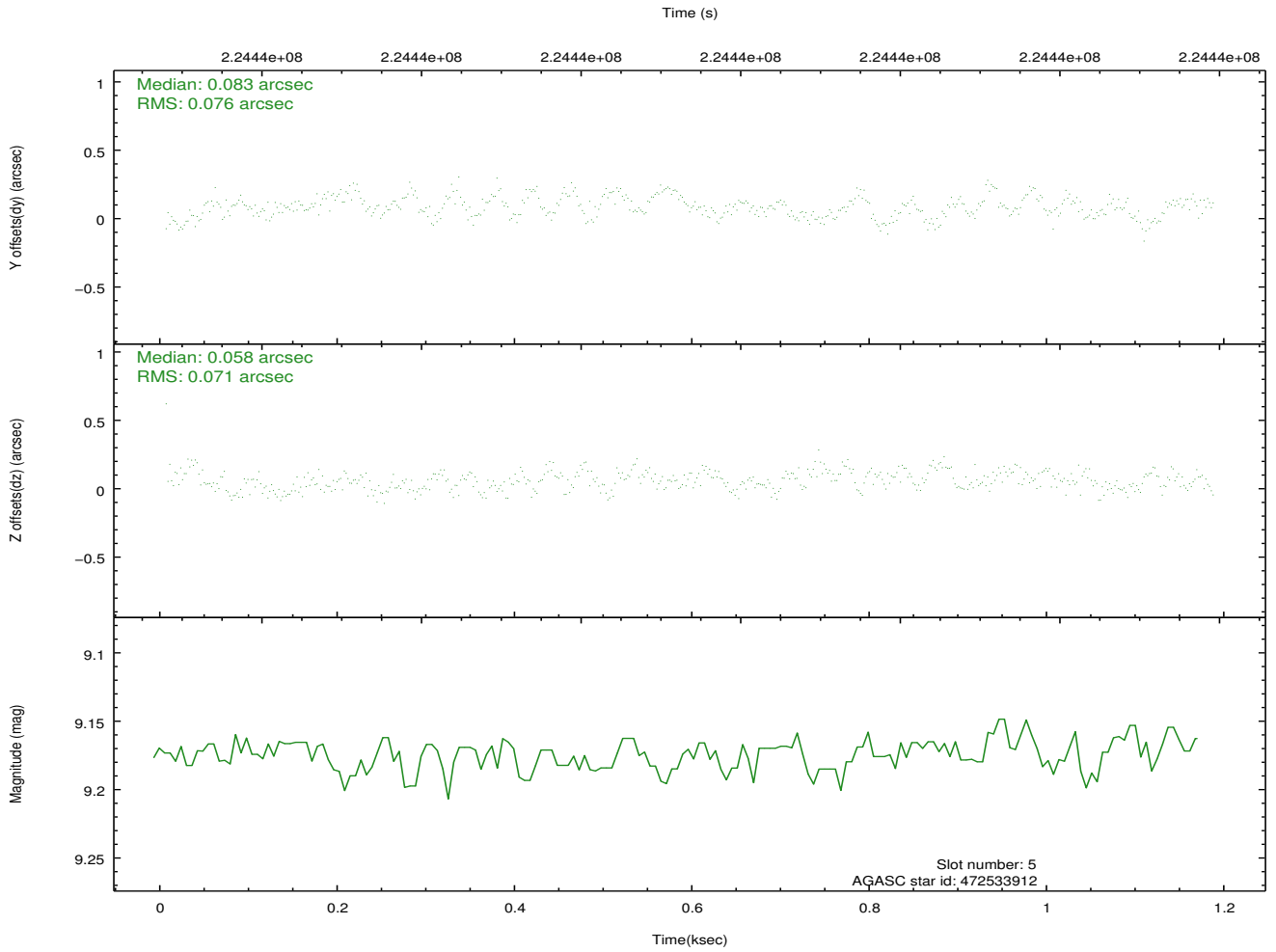
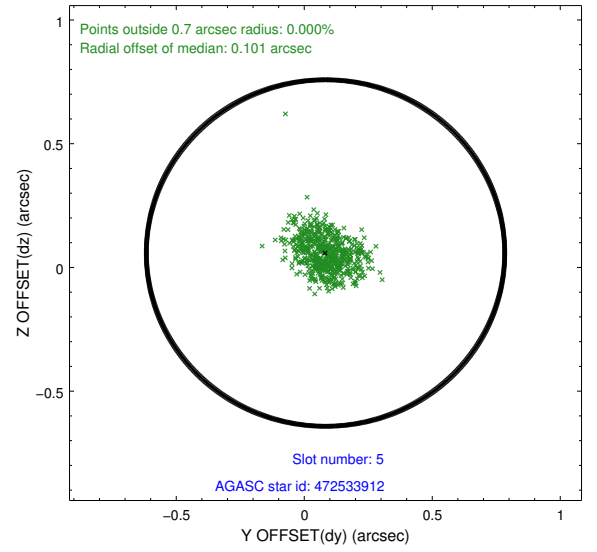
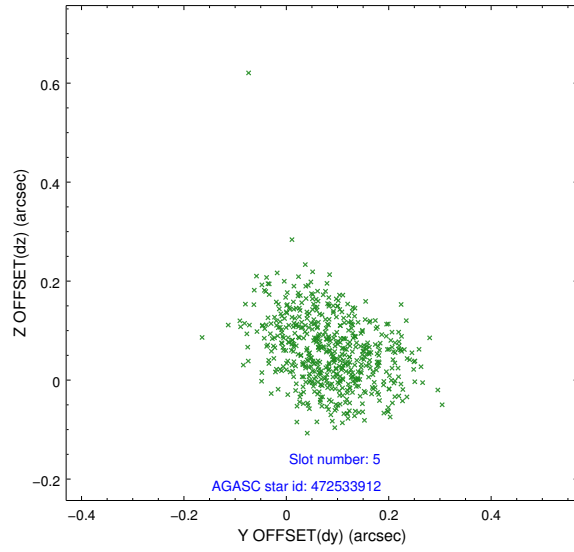
2.4.1 Slot 3



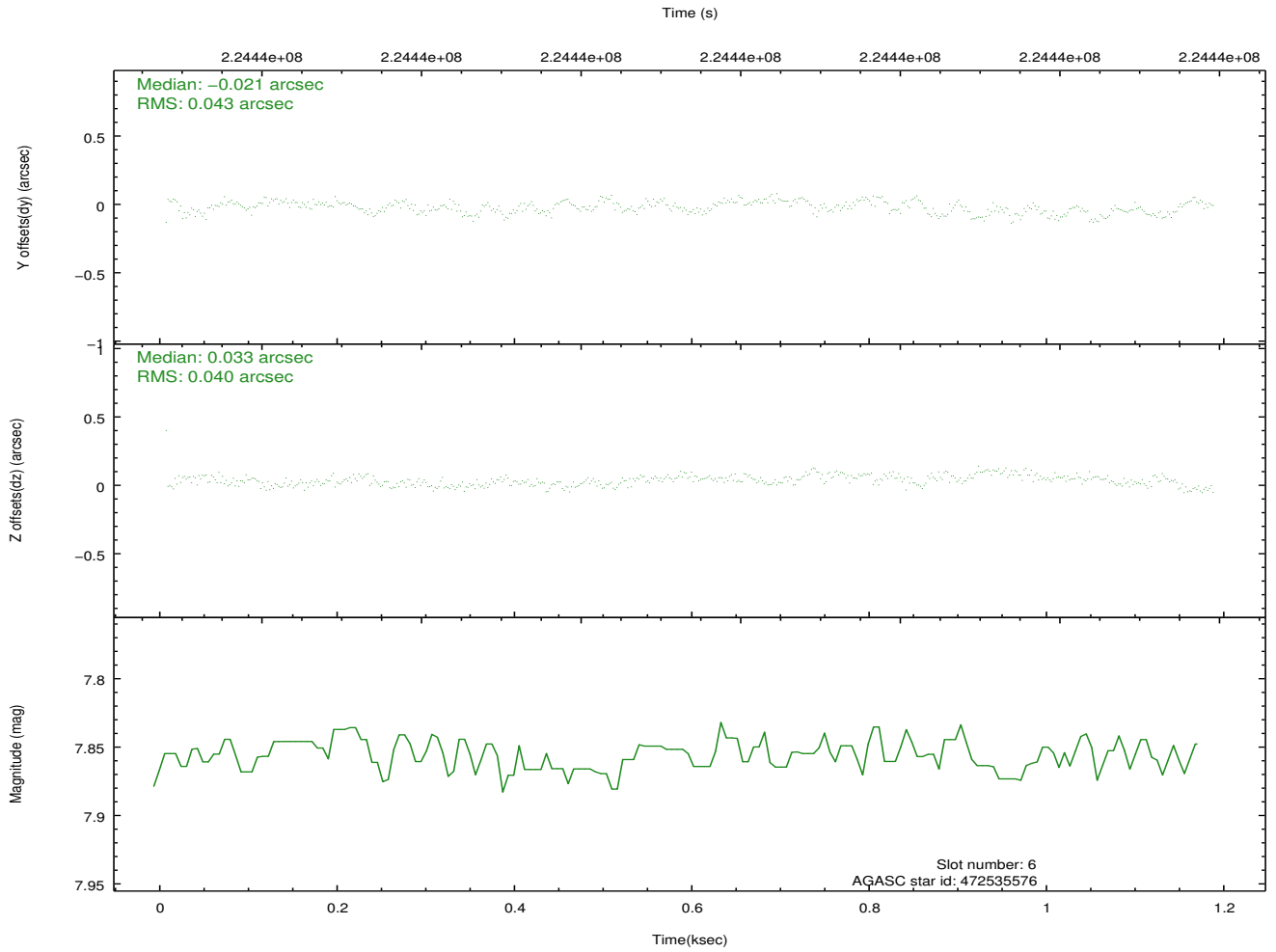
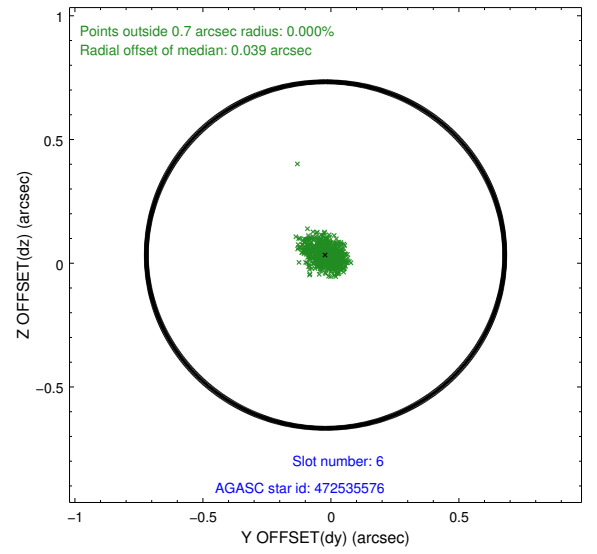
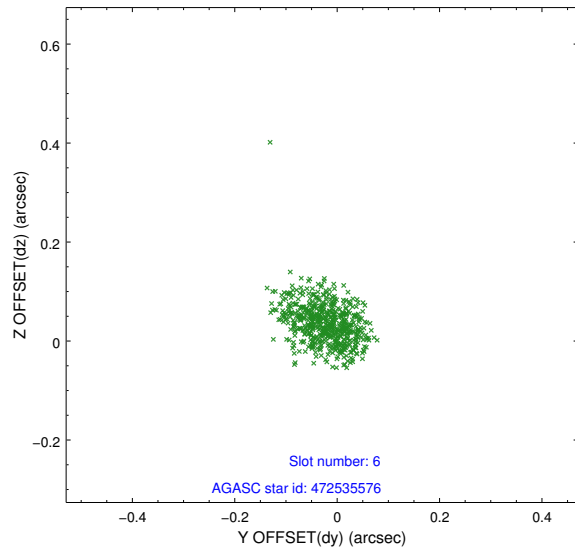
2.4.2 Slot 4



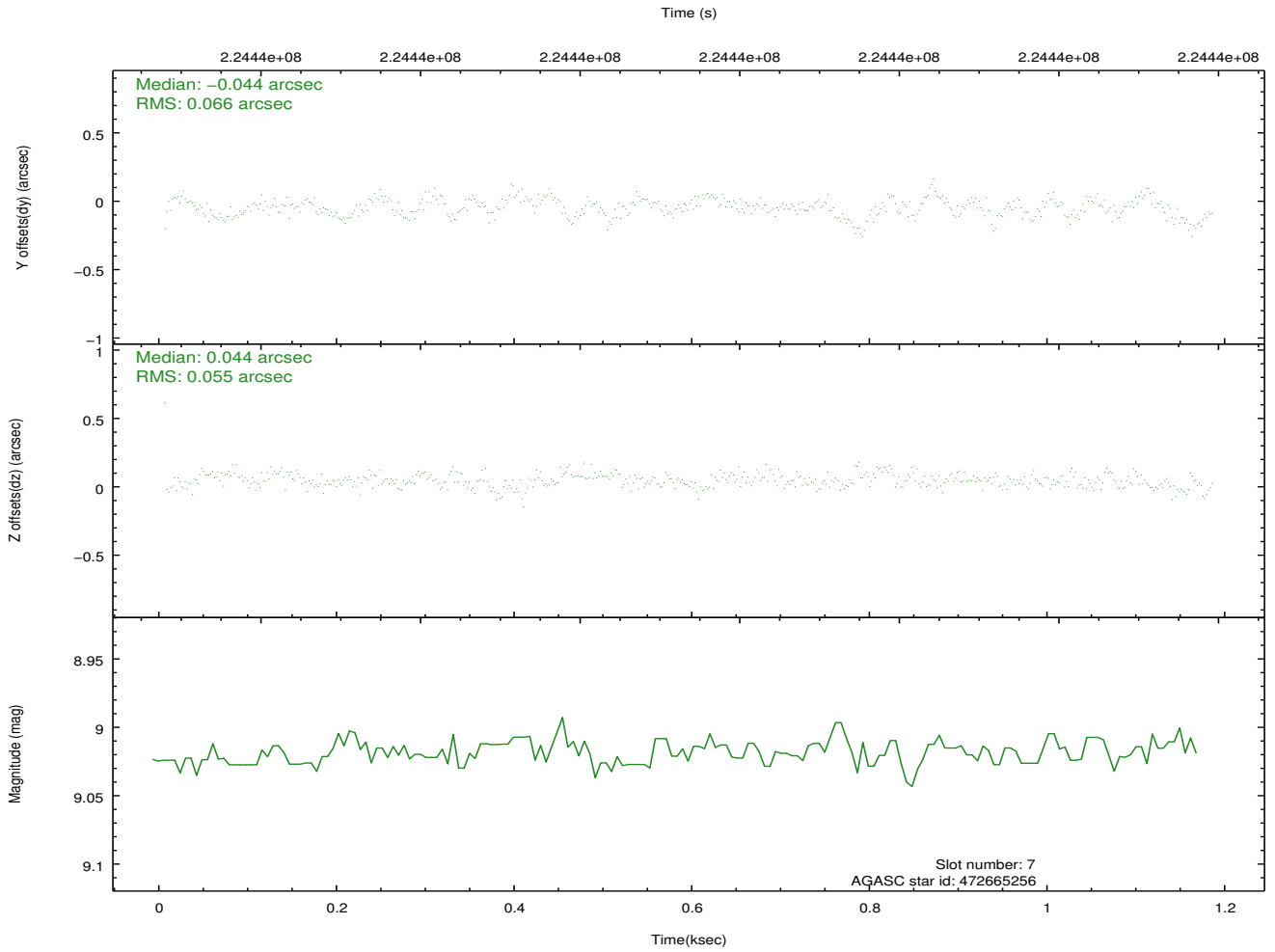
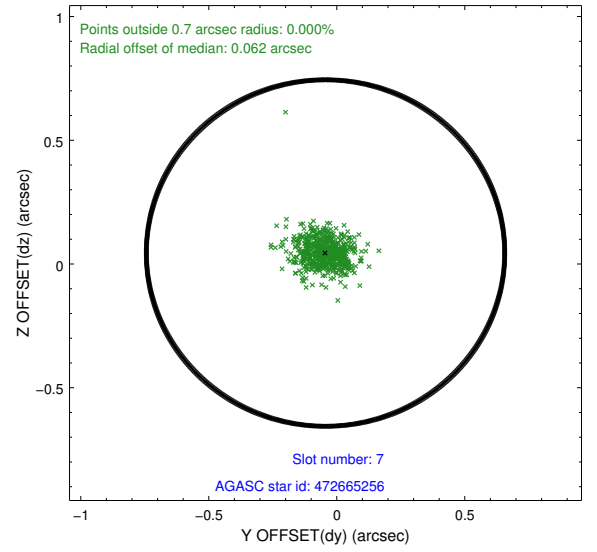
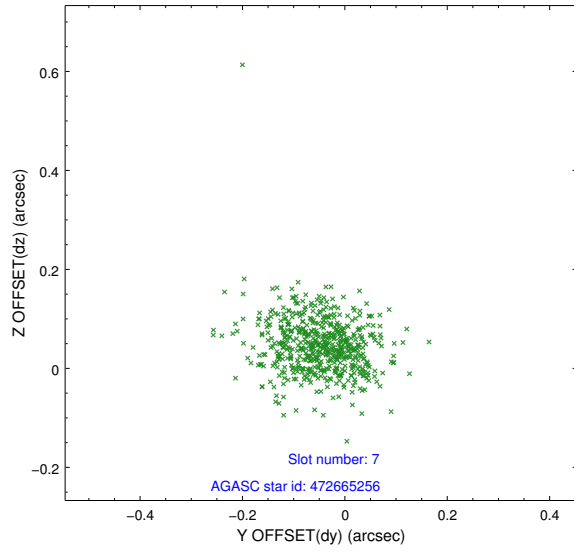
2.4.3 Slot 5



2.4.4 Slot 6

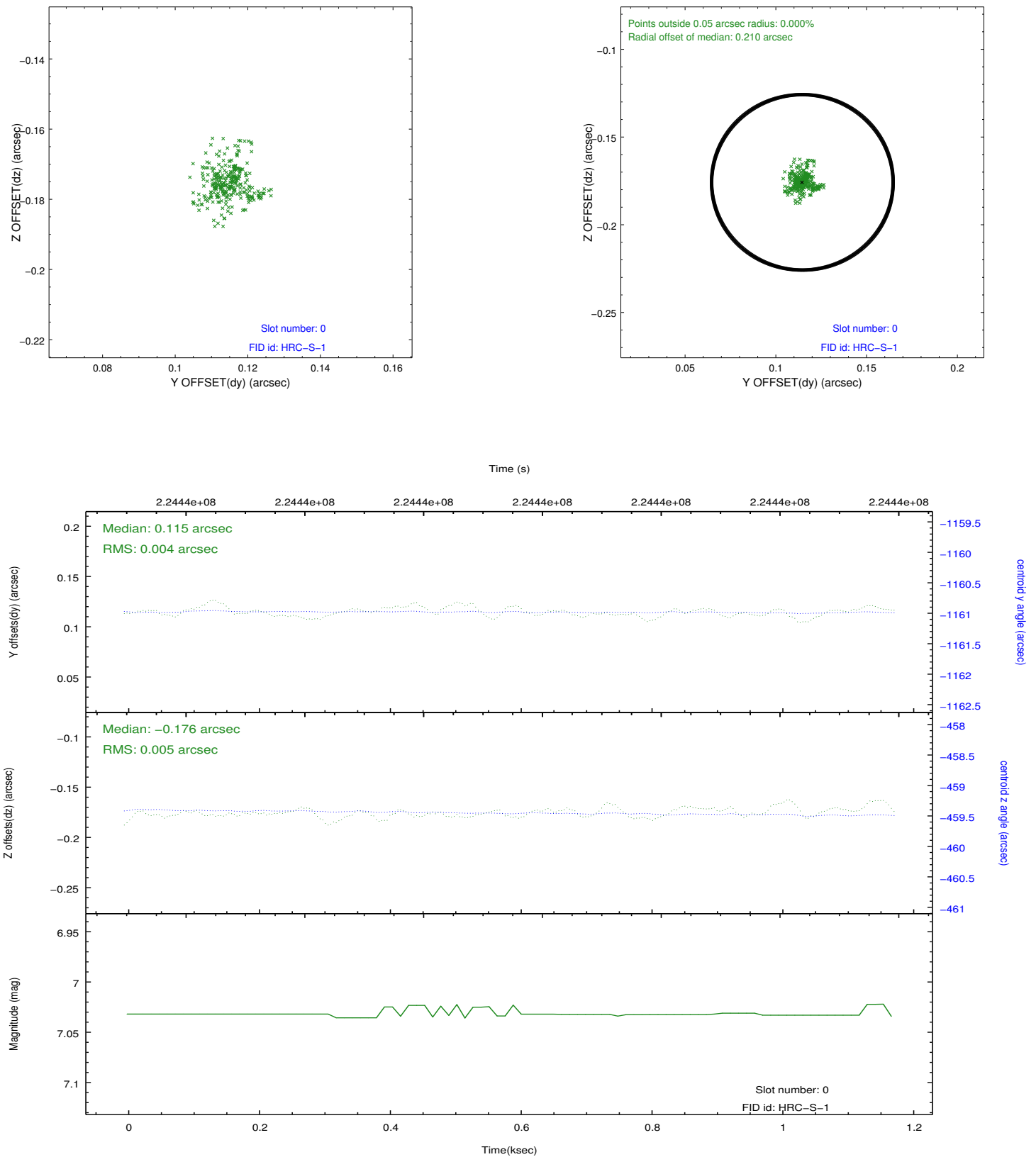


2.4.5 Slot 7

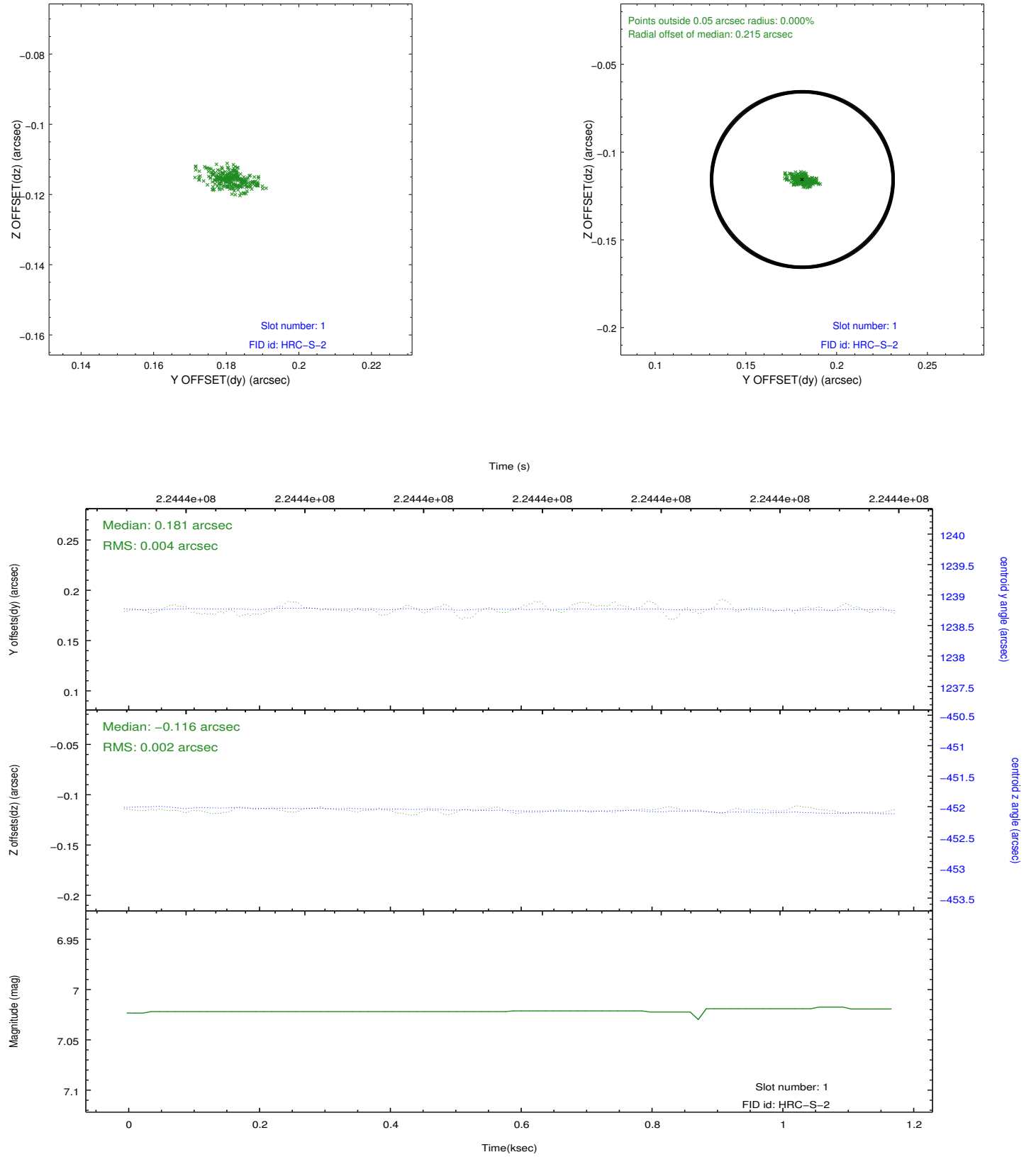


2.5 FID Slots

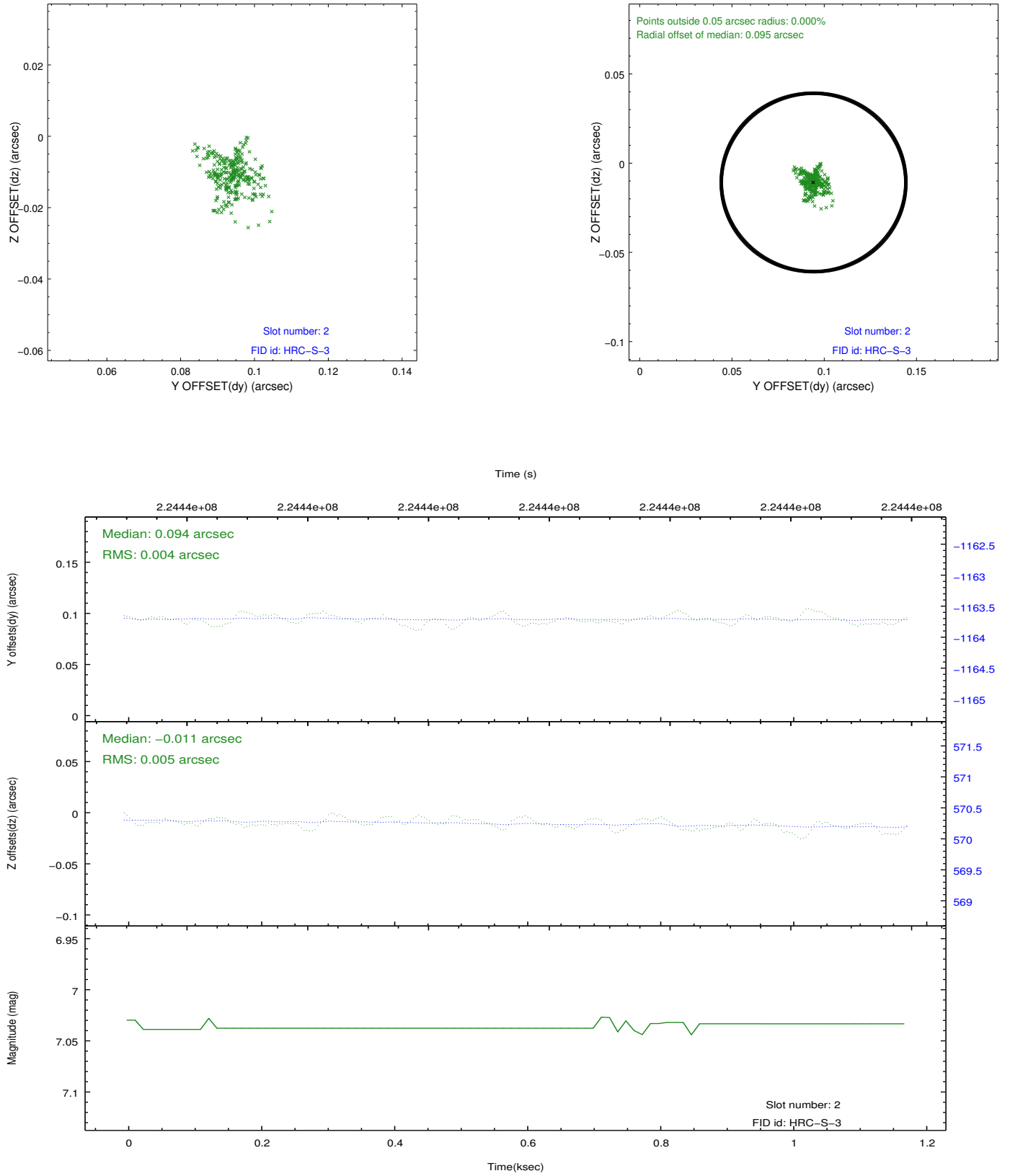
2.5.1 Slot 0



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)	2013.01.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.151075

A.2 Comments