

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6524 - L2 Version 4
Chandra X-Ray Center

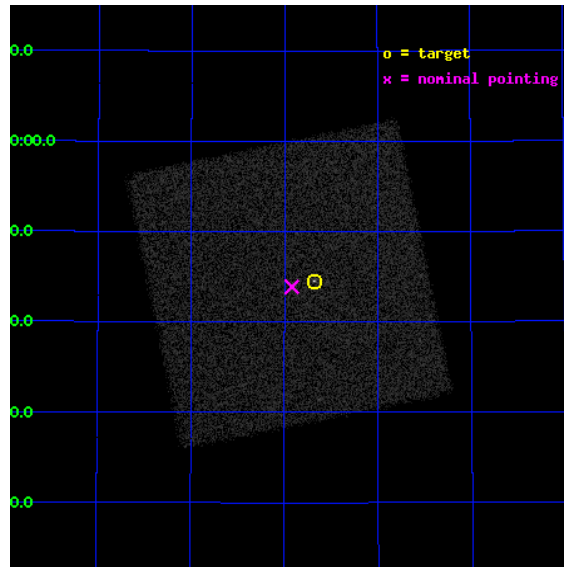
L2 Processing Date : Aug 11 2012

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1 Front

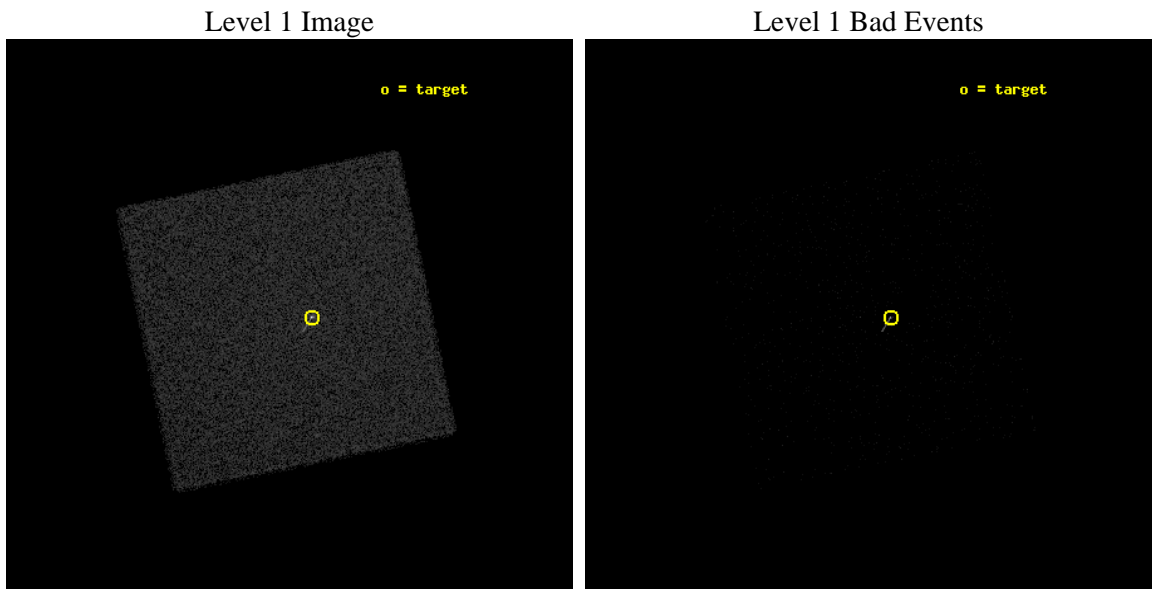
seq_num	290617	Sequence number
obs_id	6524	Observation id
title	AO7 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.22989453758	Nominal RA [deg]
dec_nom	45.731755058724	Nominal Dec [deg]
roll_nom	213.32079455762	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1180.0313054919	[s]
livetime	1169.123738192	Ontime multiplied by DTCOR
l2events	63398	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	1180.0313054919	[s]
caldbver	4.5.1.1	 	l1events	117758	Number of level 1 events
date	2012-08-11T11:28:51	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

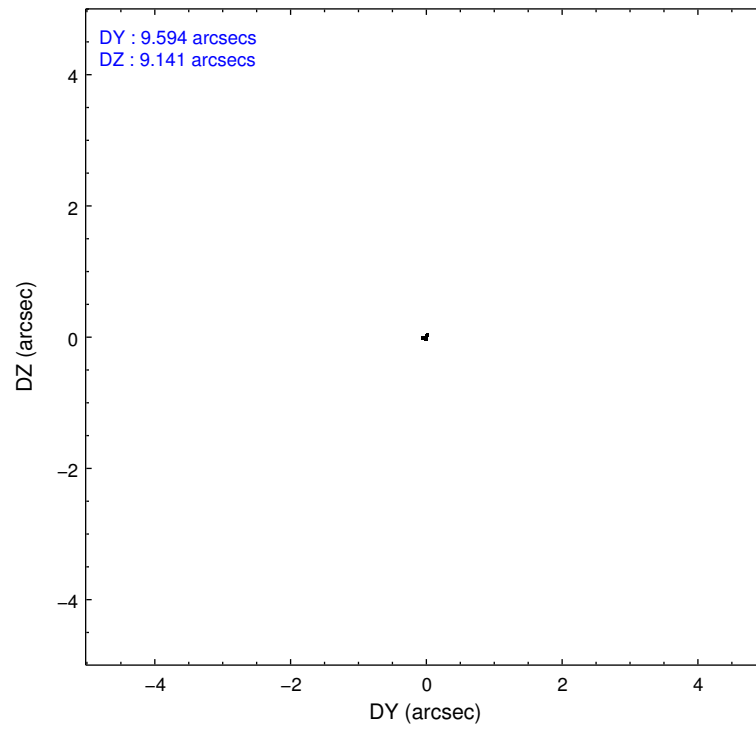
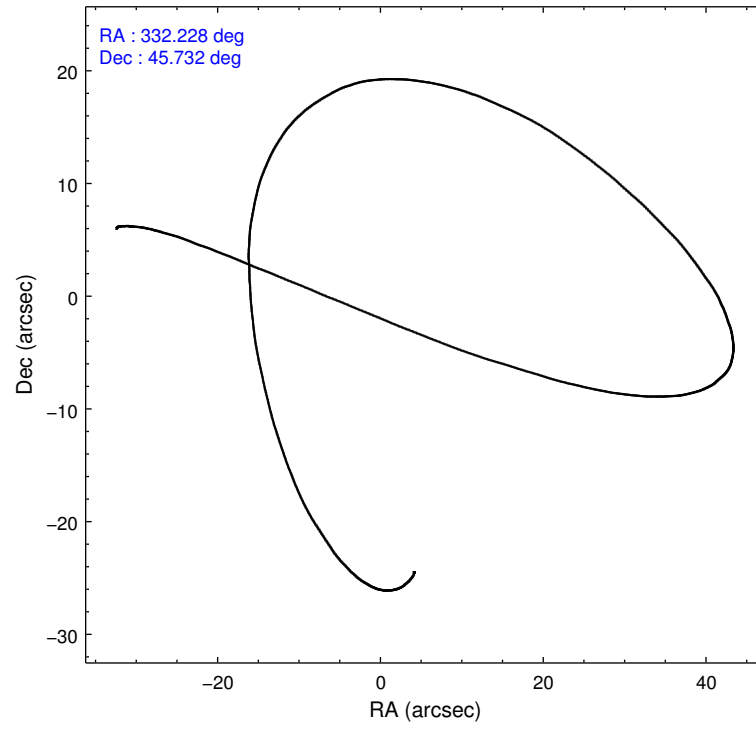
	segment 0
level 1 events	117758
rejected events	25563
rejected %	21%

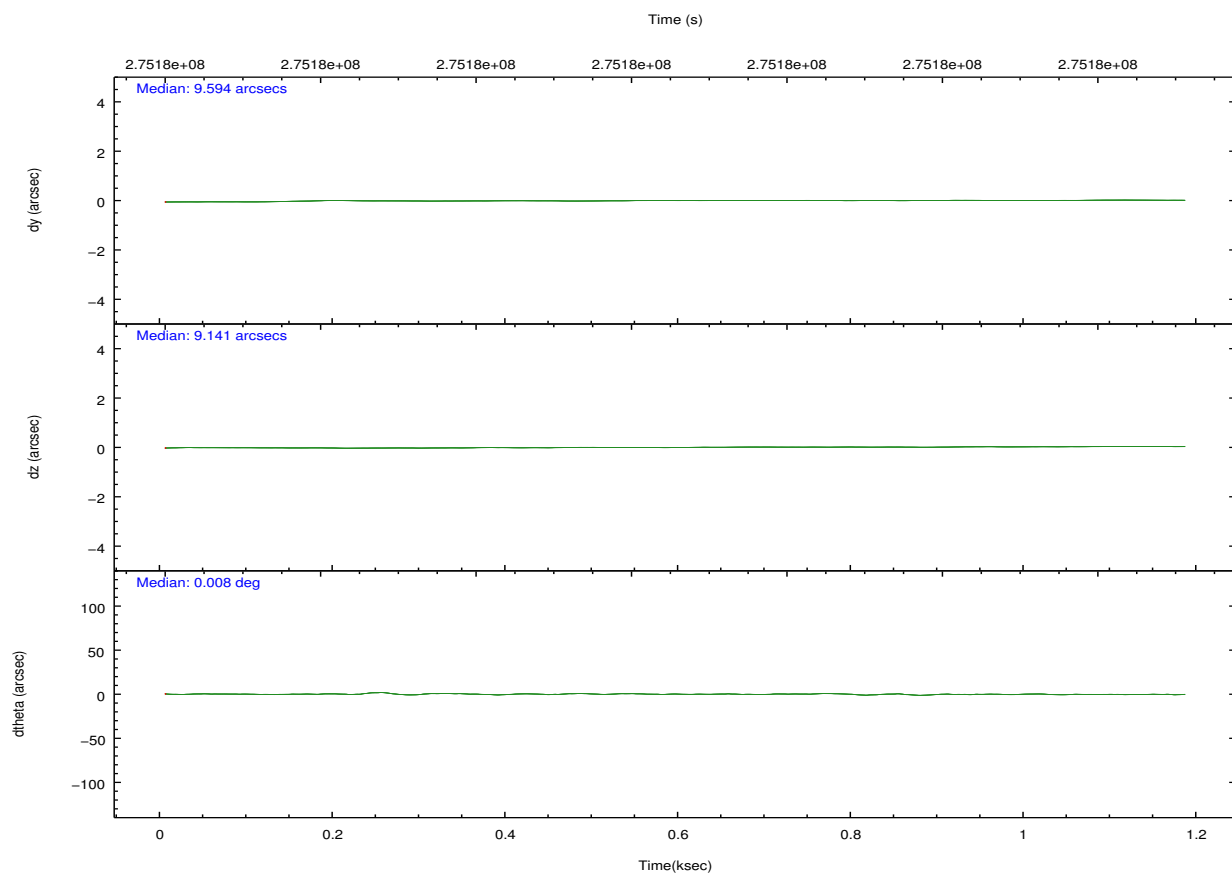
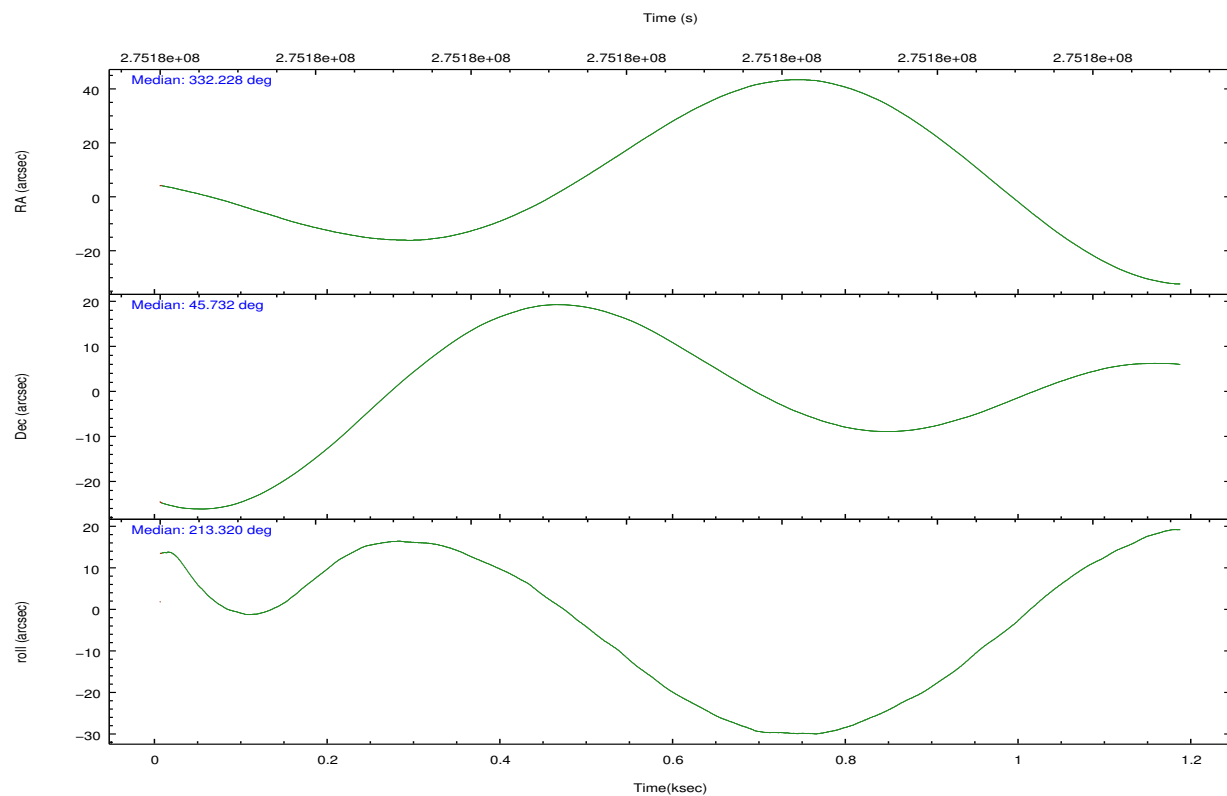
2.2 Compared Parameters

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	332.246939	332.2298945375791
[deg] Pointing Dec	45.756581	45.73175505872418
[deg] Pointing Roll	213.403857	213.3207945576183
[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)	275177852.184000	275177475.5262
Observation start date	2006-09-20T22:16:27	2006-09-20T22:11:15
[s] Observation end time (MET)	275178852.184000	275178986.37627
Observation end date	2006-09-20T22:33:07	2006-09-20T22:36:26

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

2.3 Aspect



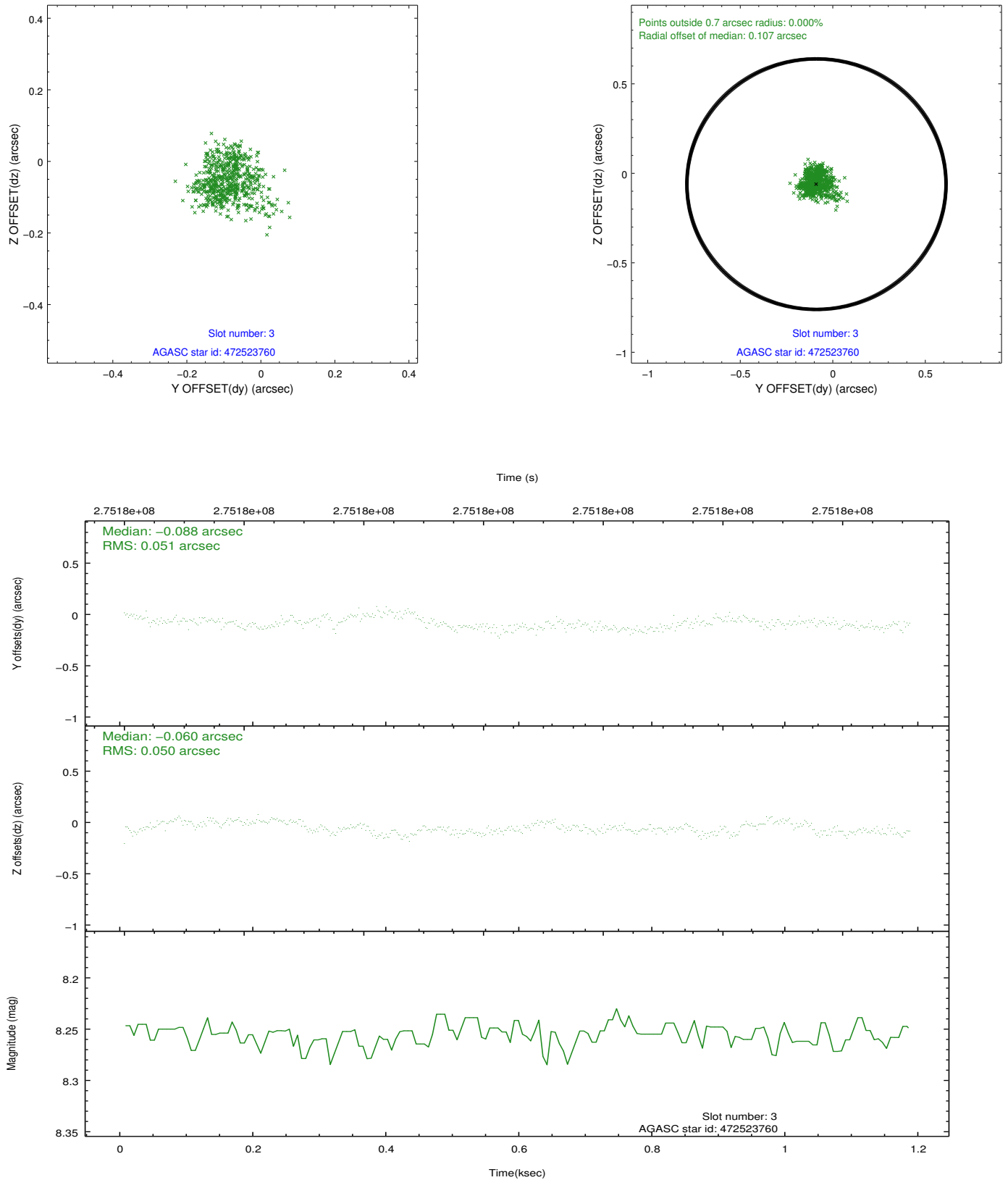


Slot Statistics

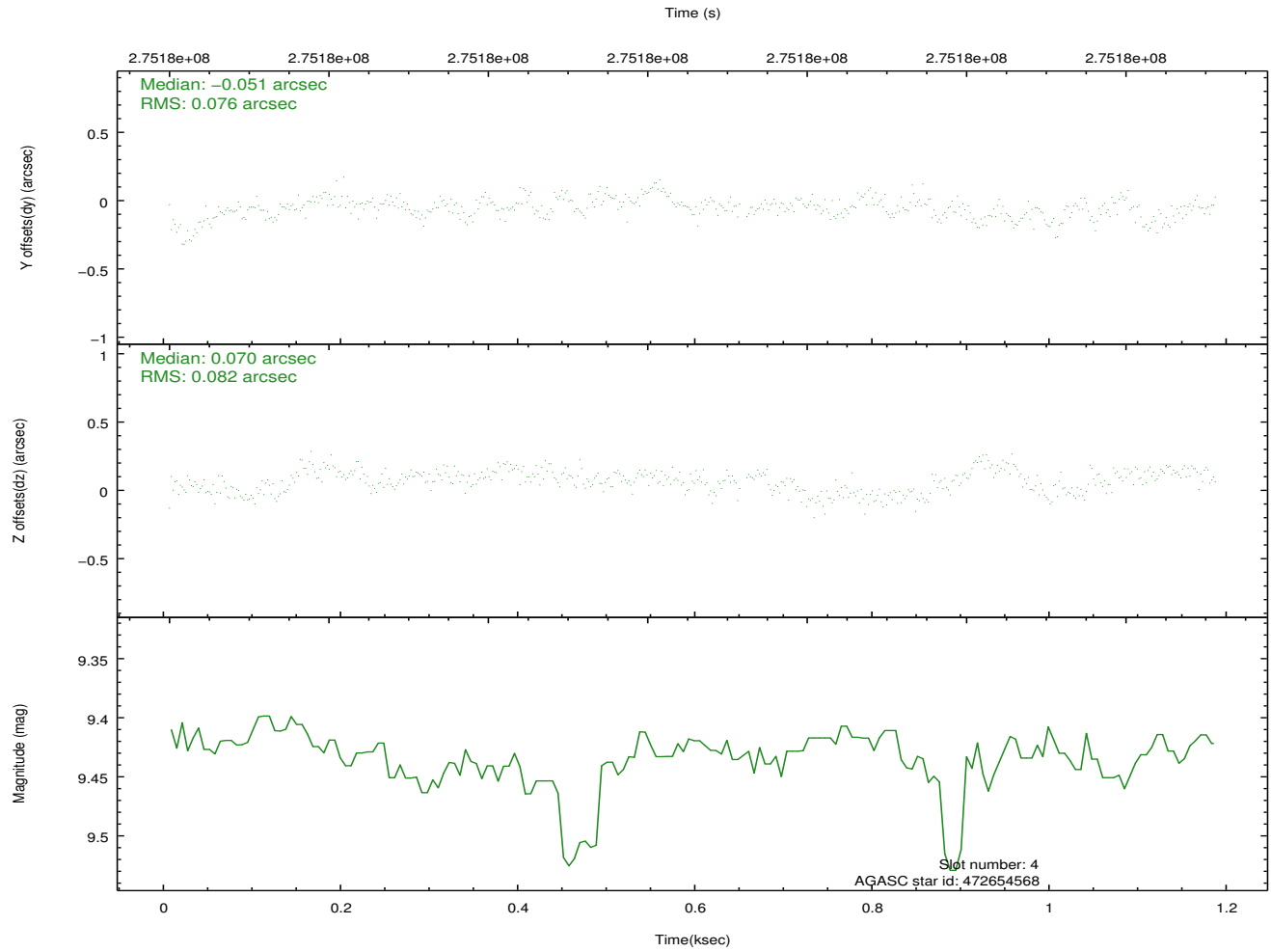
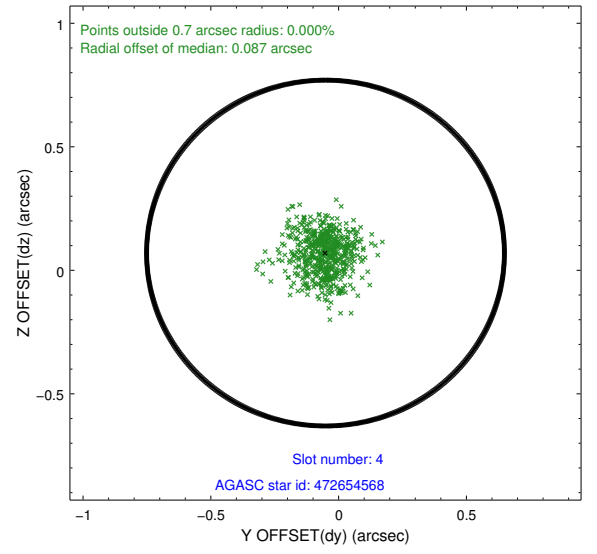
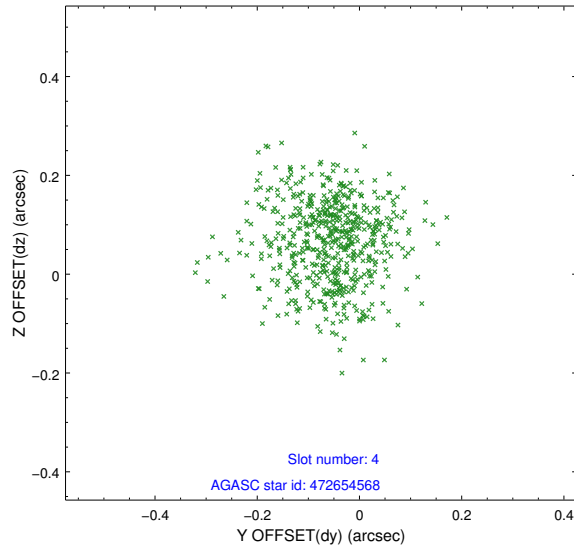
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	289	-0.016	0.050	0.009	0.017	0.000000	0.000000	-765.25	-1297.01
1	FID	HRC-I-2	7.01	289	0.139	-0.096	0.007	0.011	0.000000	0.000000	844.89	-1303.20
2	FID	HRC-I-3	7.06	289	-0.003	-0.042	0.007	0.010	0.000000	0.000000	-1190.81	1002.95
3	GUIDE	472523760	8.25	577	-0.088	-0.060	0.076	0.119	331.645363	45.403260	1965.31	219.70
4	GUIDE	472654568	9.43	574	-0.051	0.070	0.116	0.191	332.194449	45.063576	1486.99	2009.48
5	GUIDE	472655152	9.43	576	0.037	-0.140	0.110	0.198	332.504239	45.862991	-748.52	37.63
6	GUIDE	472665256	9.01	576	0.057	0.063	0.086	0.139	332.808125	46.195041	-2041.52	-552.14
7	GUIDE	472663080	9.41	575	0.051	0.089	0.113	0.225	332.652741	46.473840	-2267.55	-1605.06

2.4 Star Slots

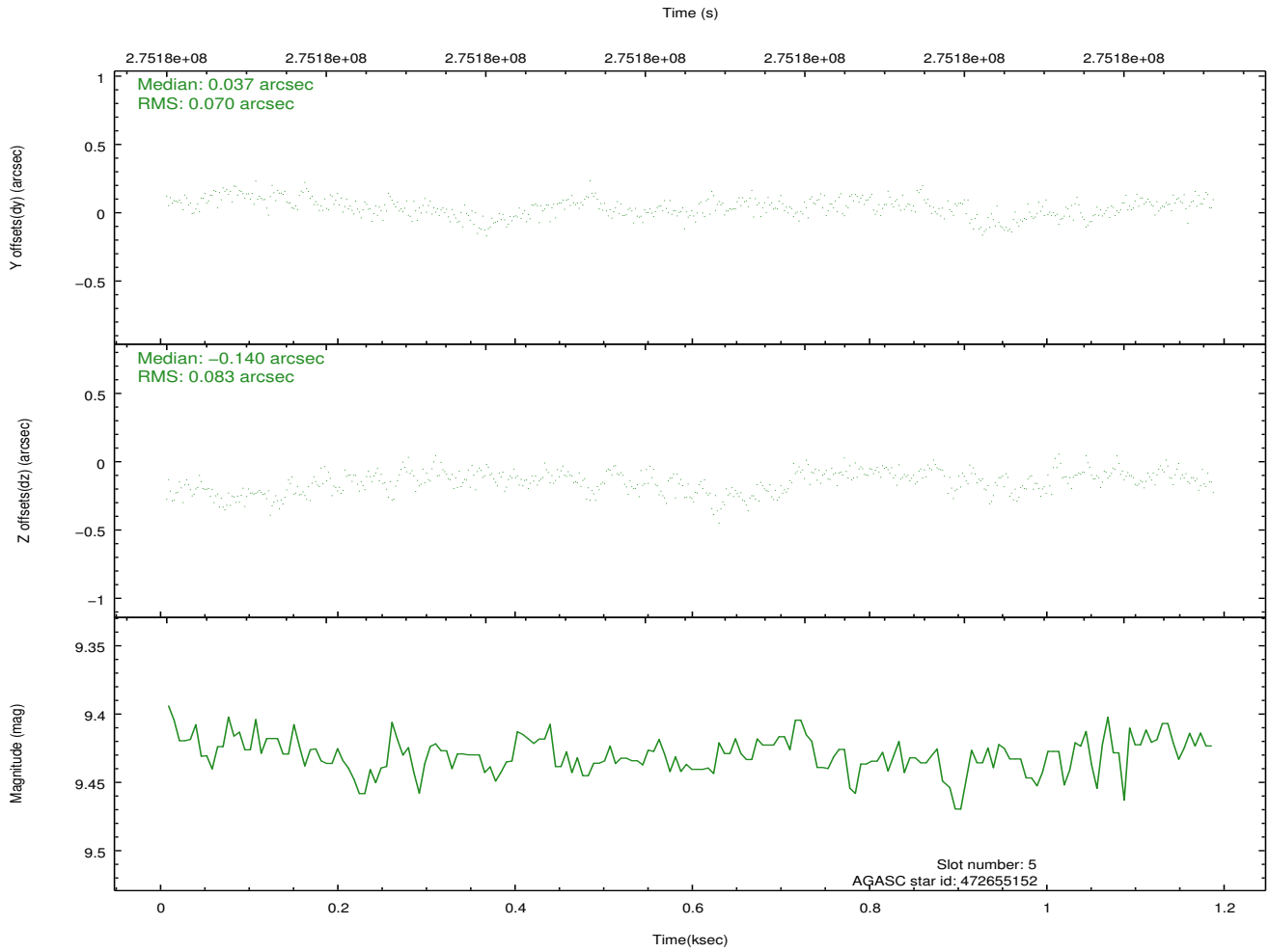
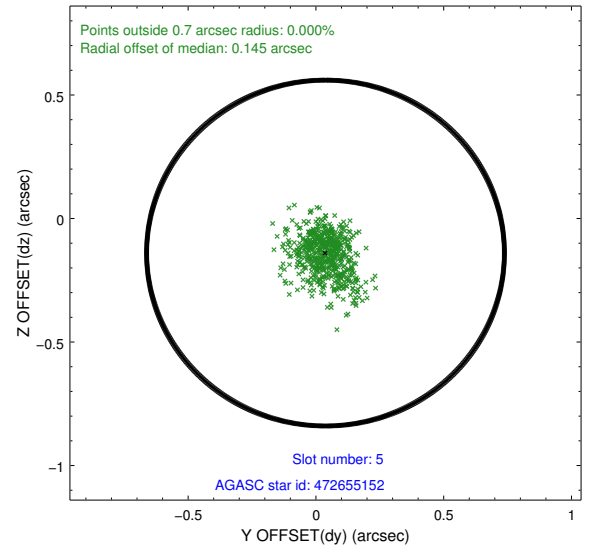
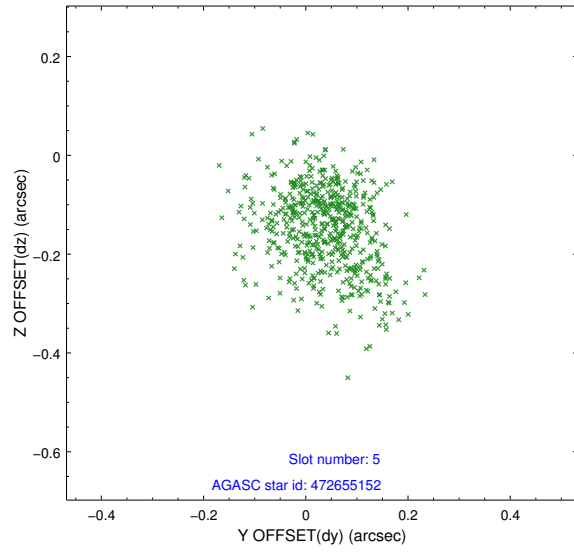
2.4.1 Slot 3



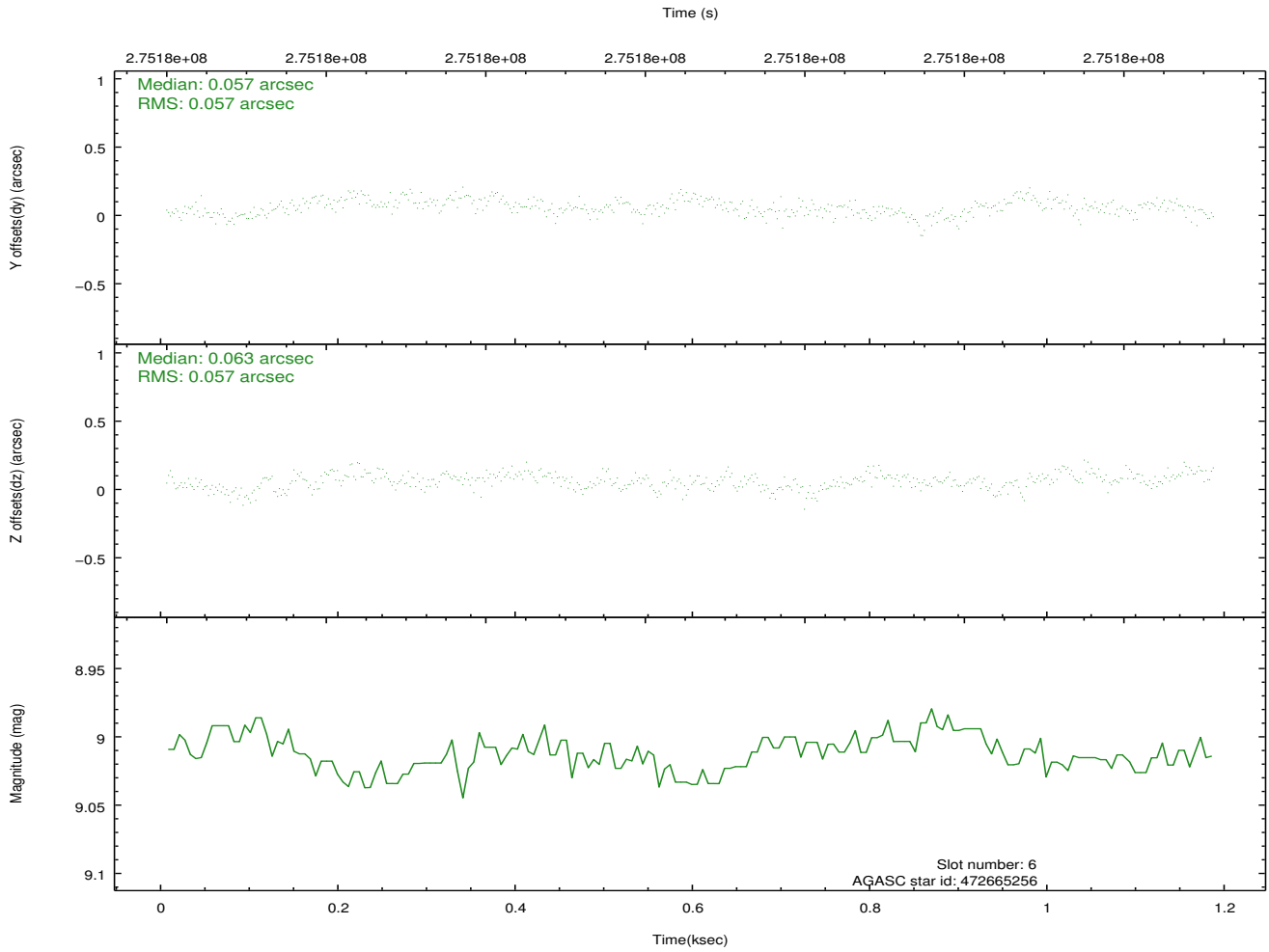
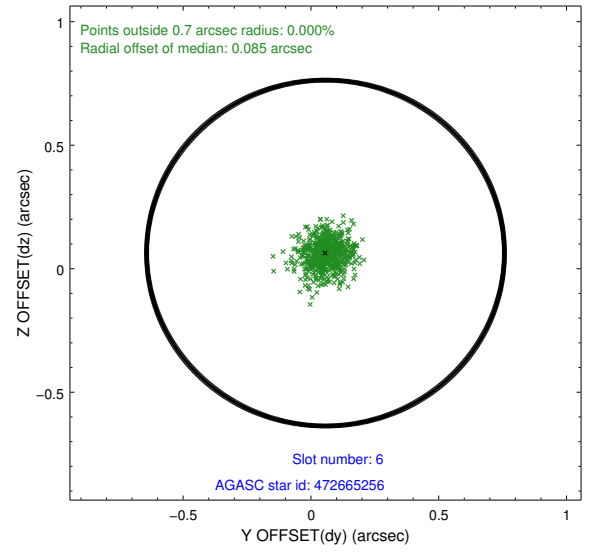
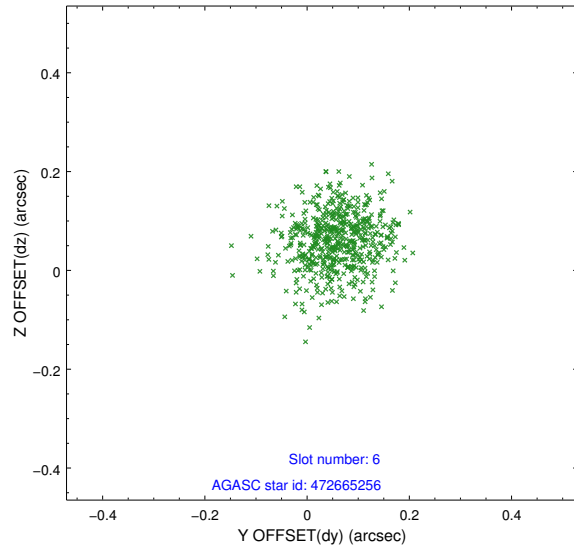
2.4.2 Slot 4



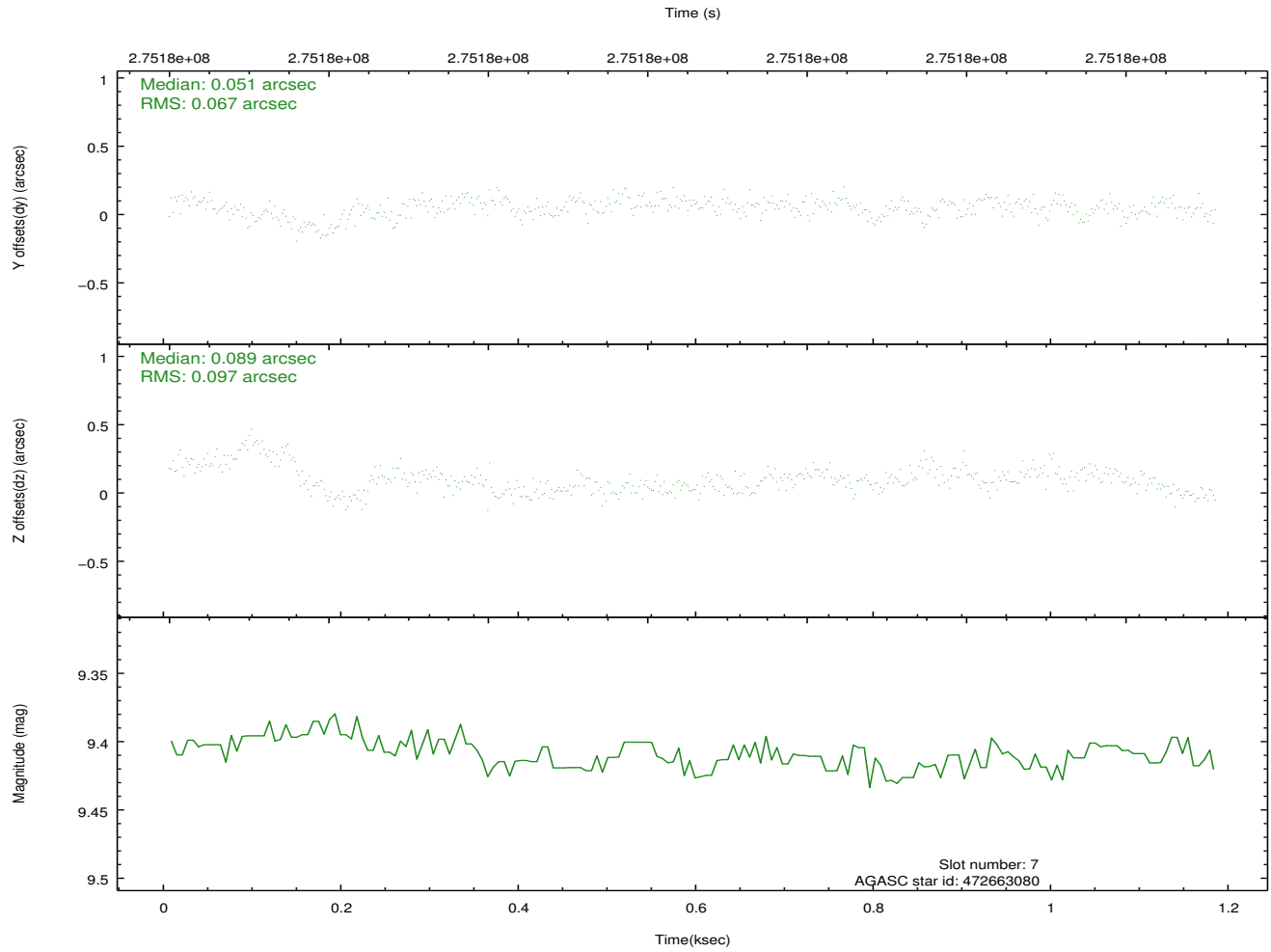
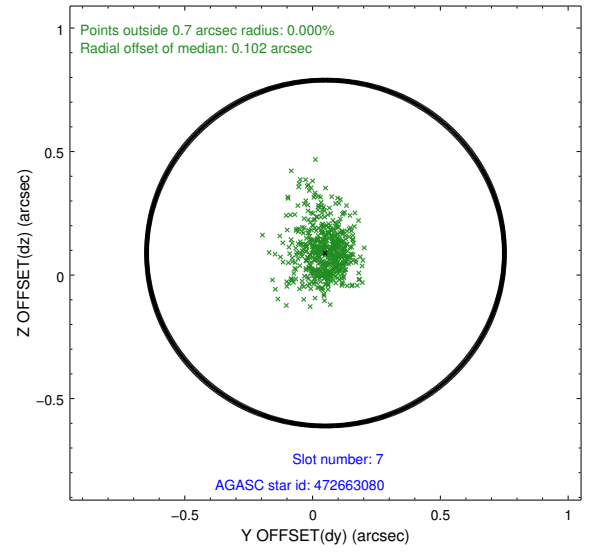
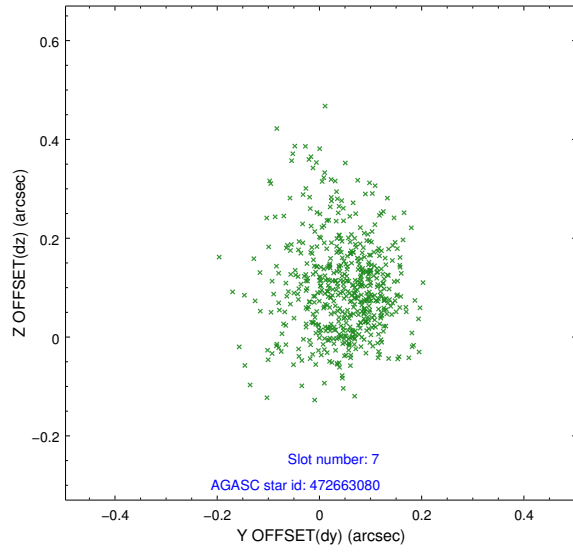
2.4.3 Slot 5



2.4.4 Slot 6

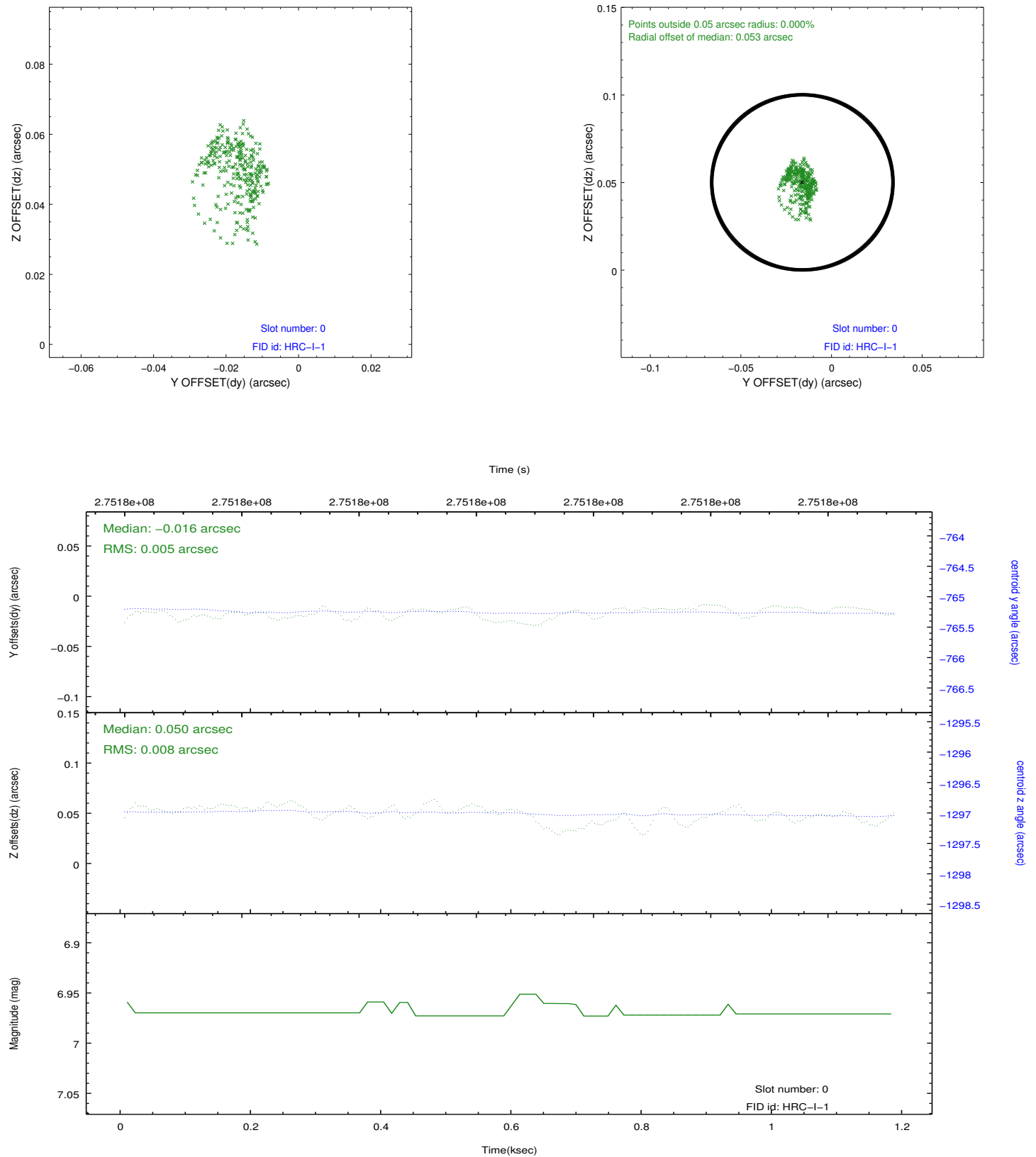


2.4.5 Slot 7

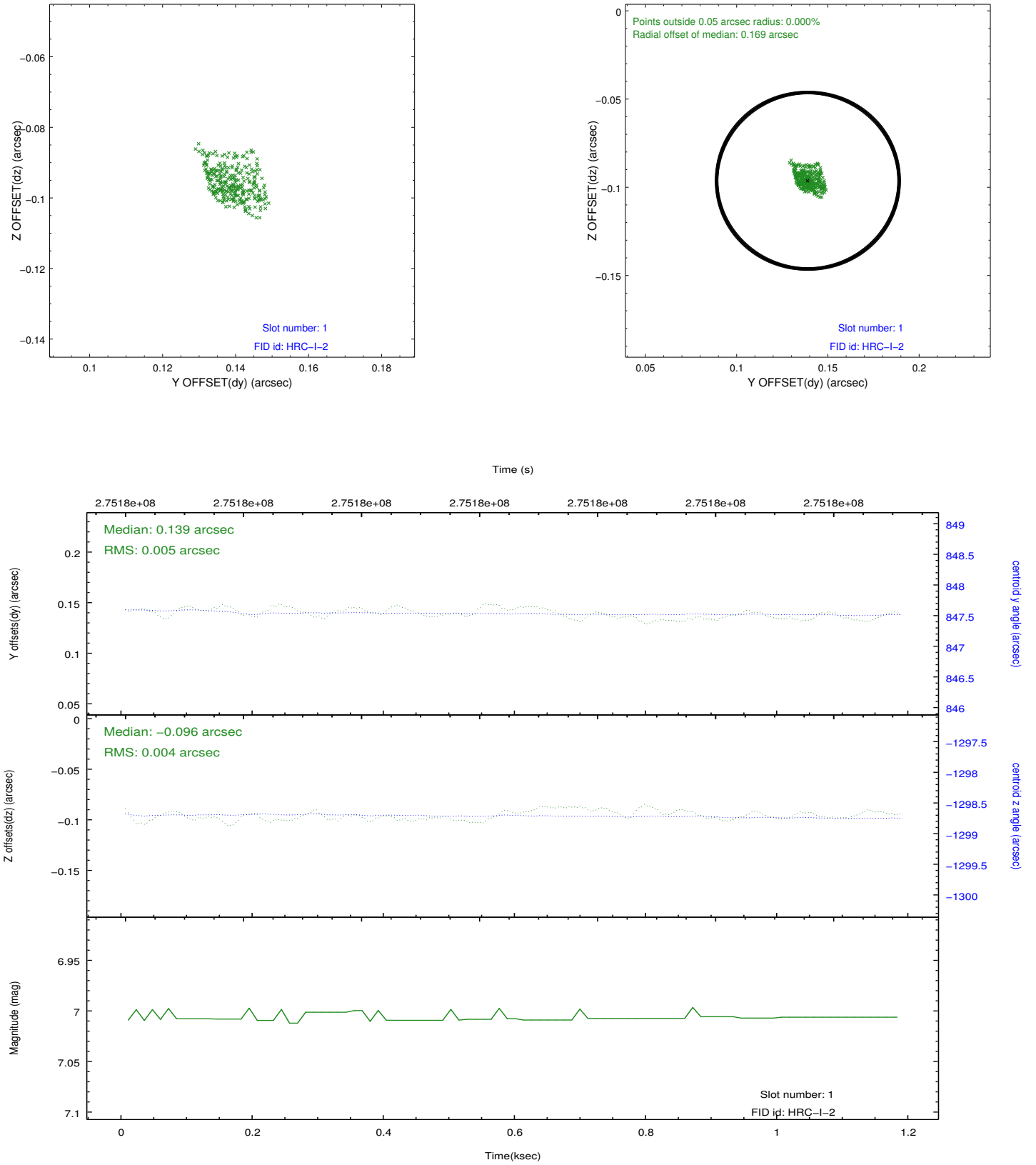


2.5 FID Slots

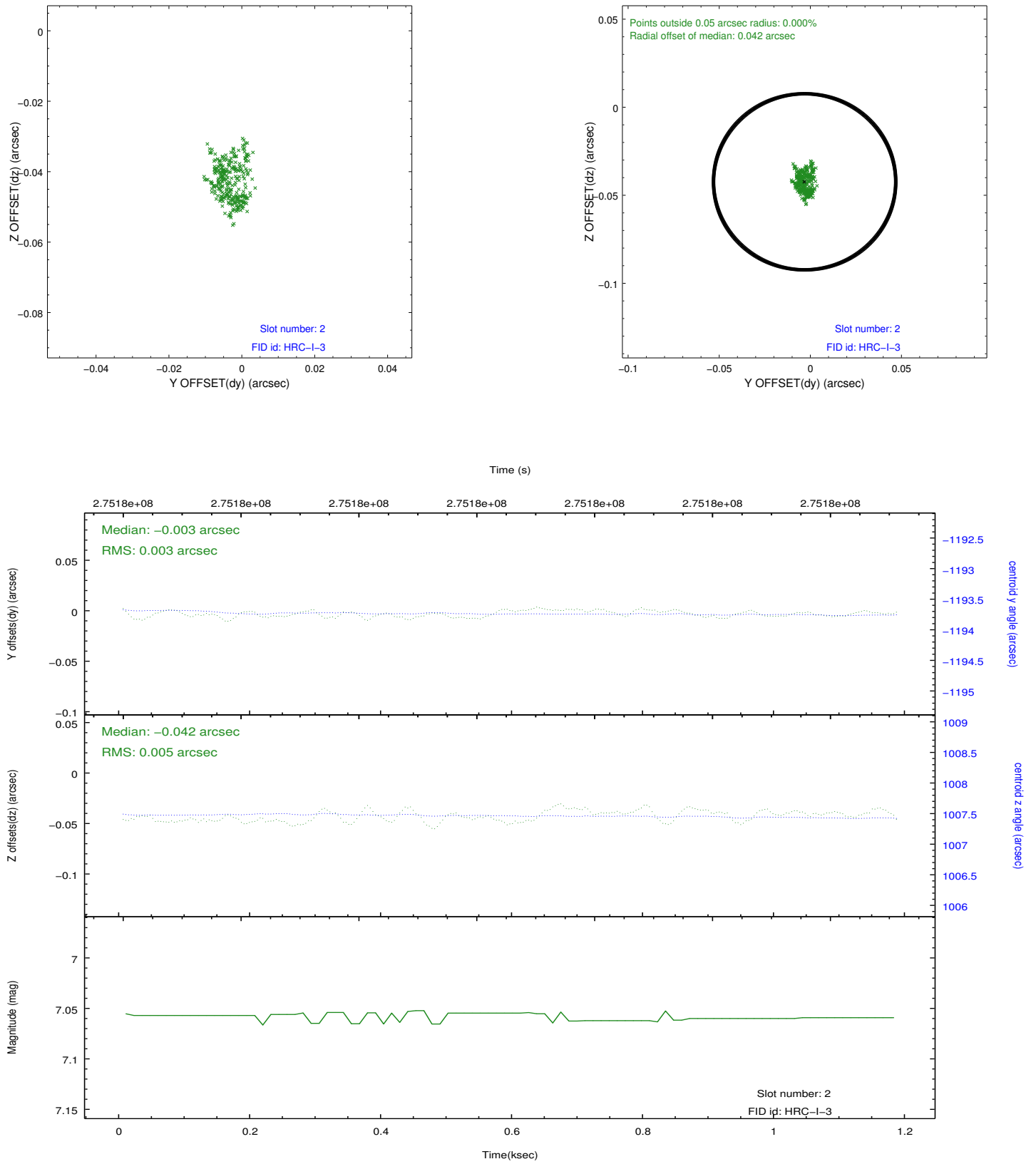
2.5.1 Slot 0



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)	2012.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1800313

A.2 Comments