

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4324 - L2 Version 3
Chandra X-Ray Center

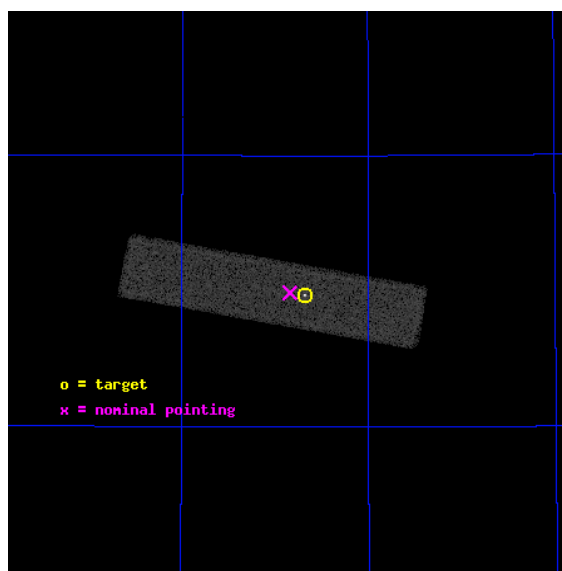
L2 Processing Date : Nov 2 2012

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1 Front

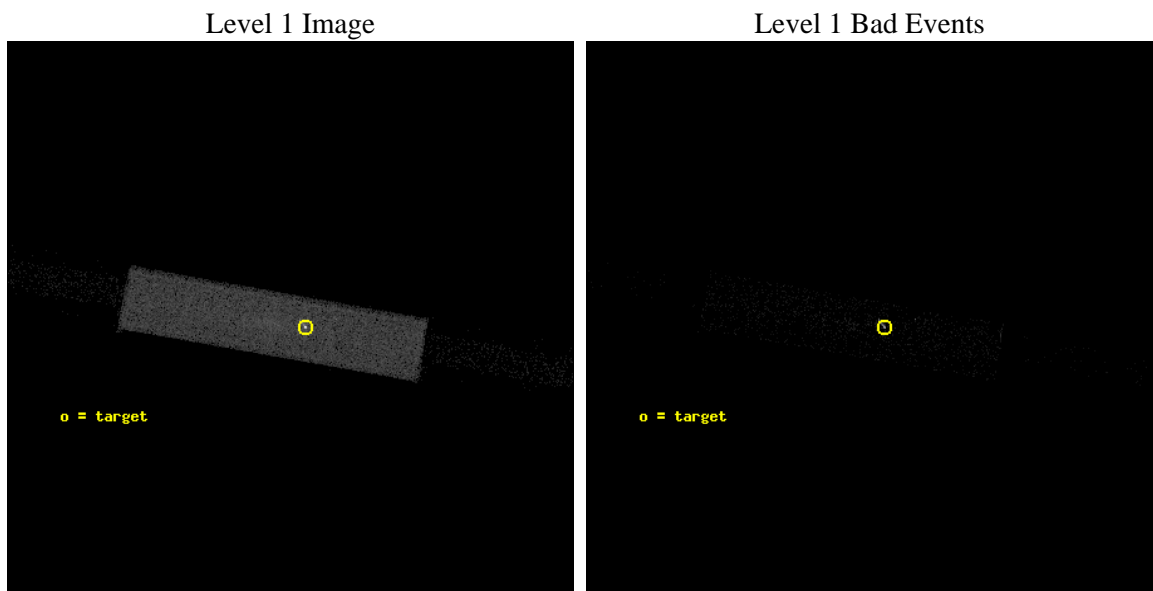
seq_num	290284	Sequence number
obs_id	4324	Observation id
title	AO4B CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.21030118955	Nominal RA [deg]
dec_nom	45.746951041253	Nominal Dec [deg]
roll_nom	189.91909163952	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1141.0812988579	[s]
livetime	1135.2979364085	Ontime multiplied by DTCOR
l2events	40899	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	1141.0812988579	[s]
caldbver	4.5.2	 	l1events	67731	Number of level 1 events
date	2012-11-02T16:33:24	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

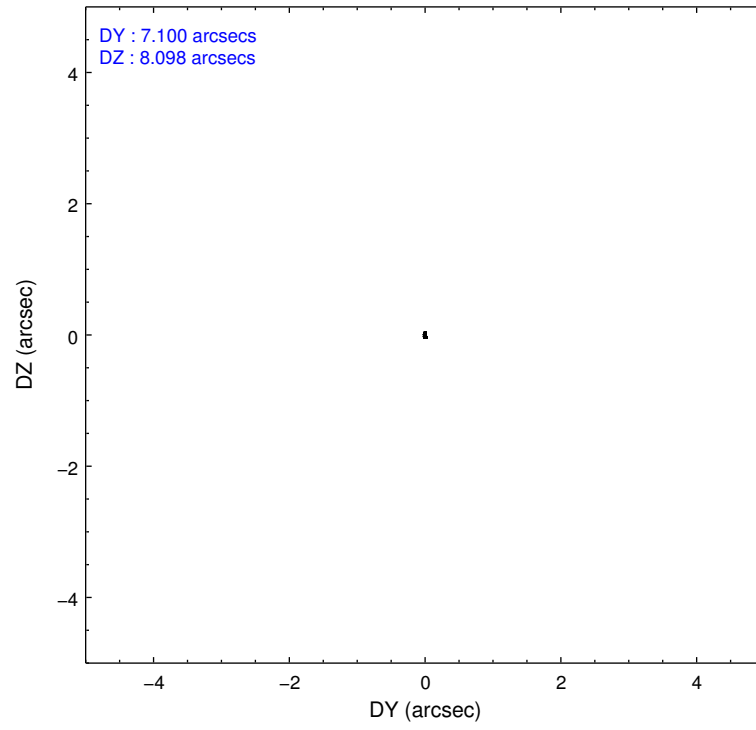
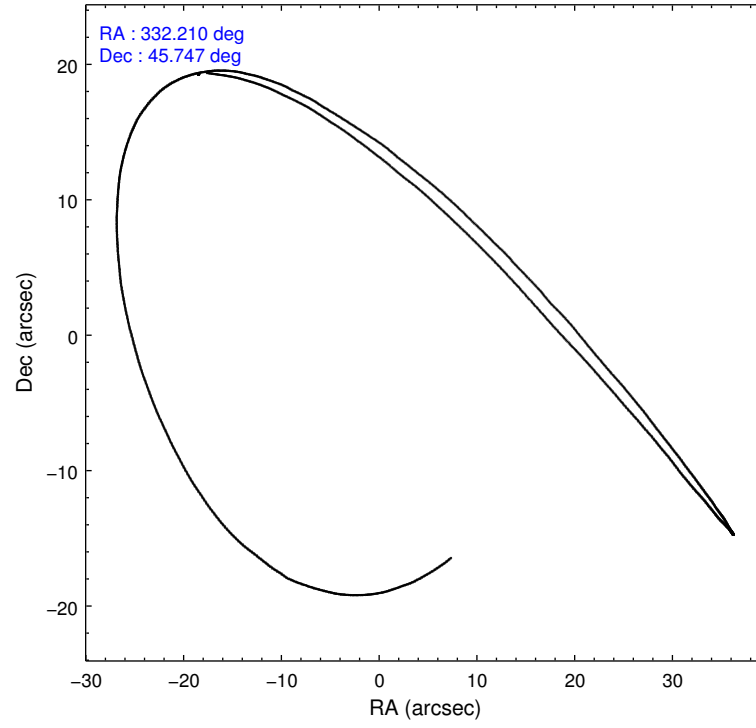
	segment 1	segment 2	segment 3
level 1 events	1109	65530	1092
rejected events	1109	15206	1092
rejected %	100%	23%	100%

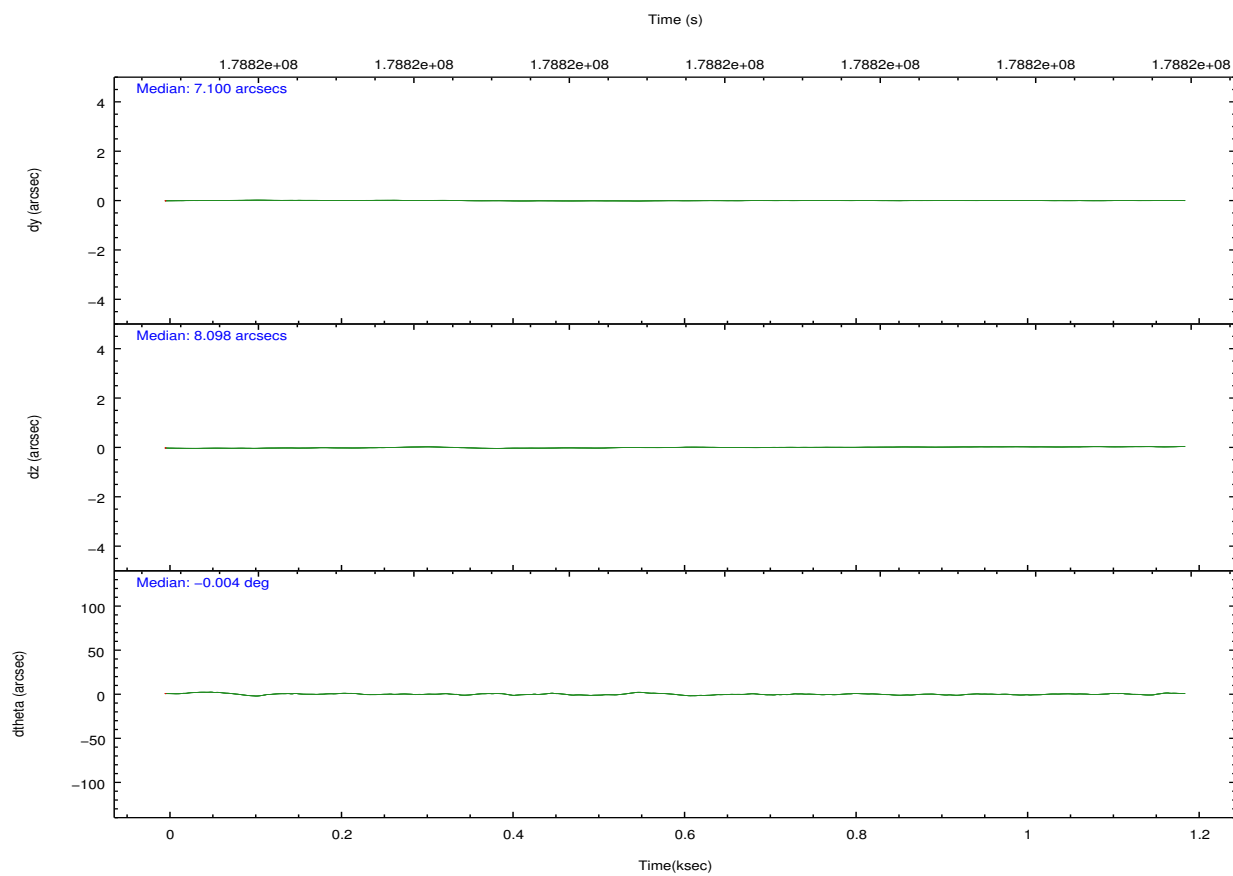
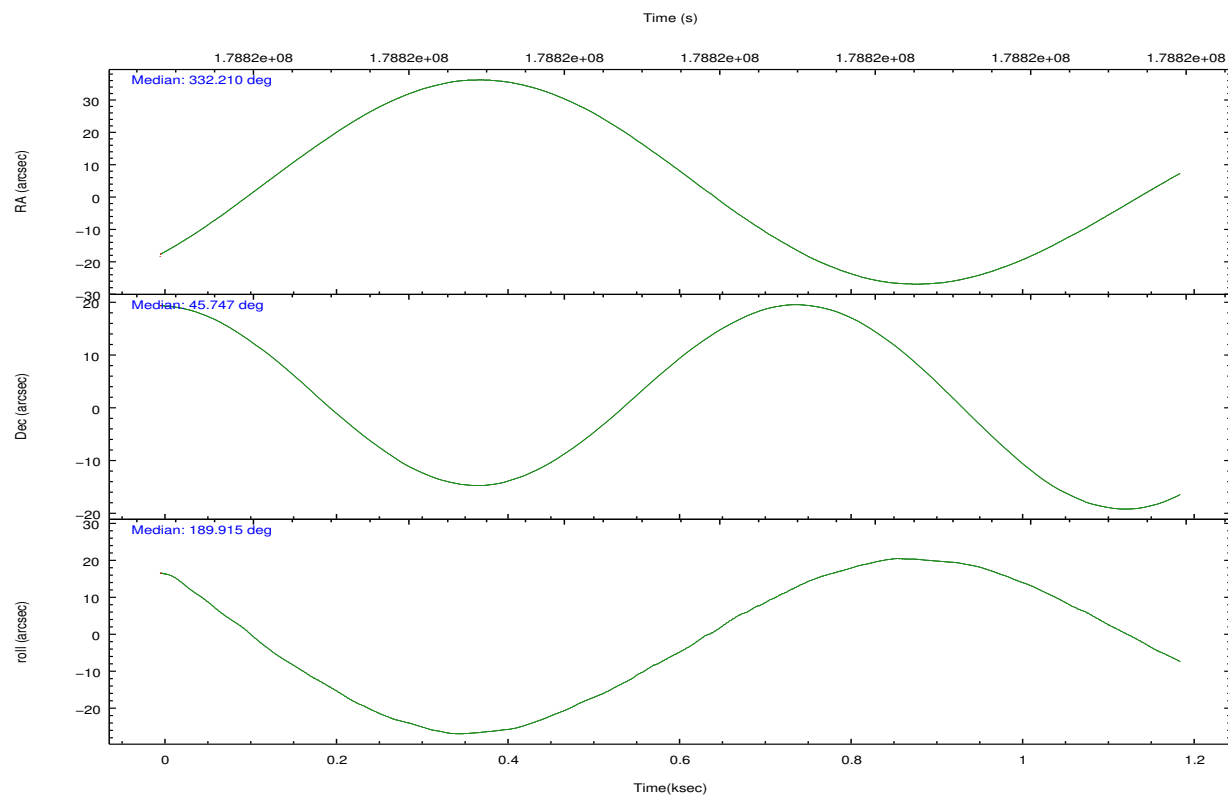
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.240519	332.2103011895481
[deg] Pointing Dec	45.766757	45.74695104125261
[deg] Pointing Roll	189.830028	189.9190916395202
[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)	178817528.184000	178817152.49537
Observation start date	2003-09-01T15:31:04	2003-09-01T15:25:52
[s] Observation end time (MET)	178818528.184000	178818662.32043
Observation end date	2003-09-01T15:47:44	2003-09-01T15:51:02

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

2.3 Aspect



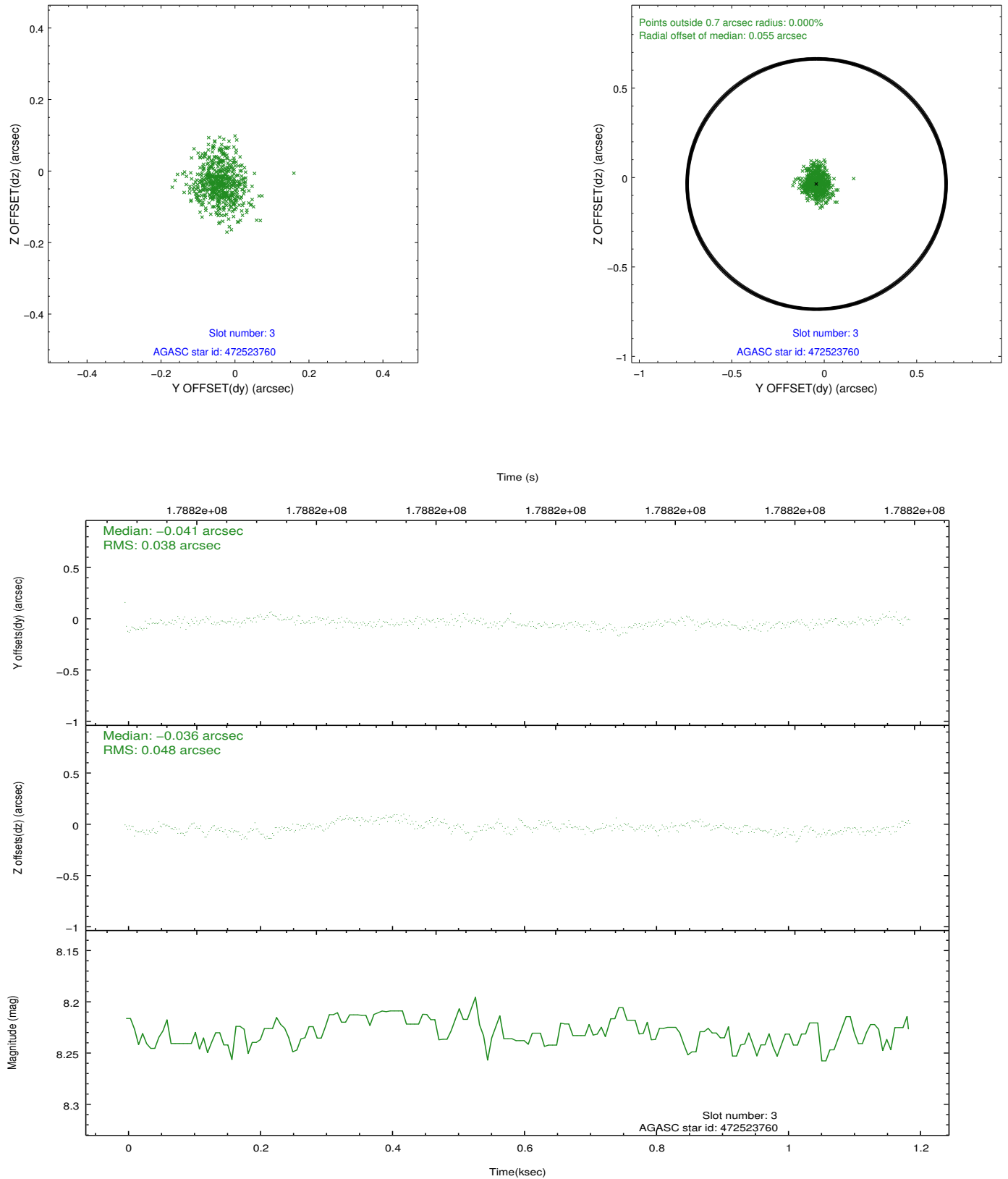


Slot Statistics

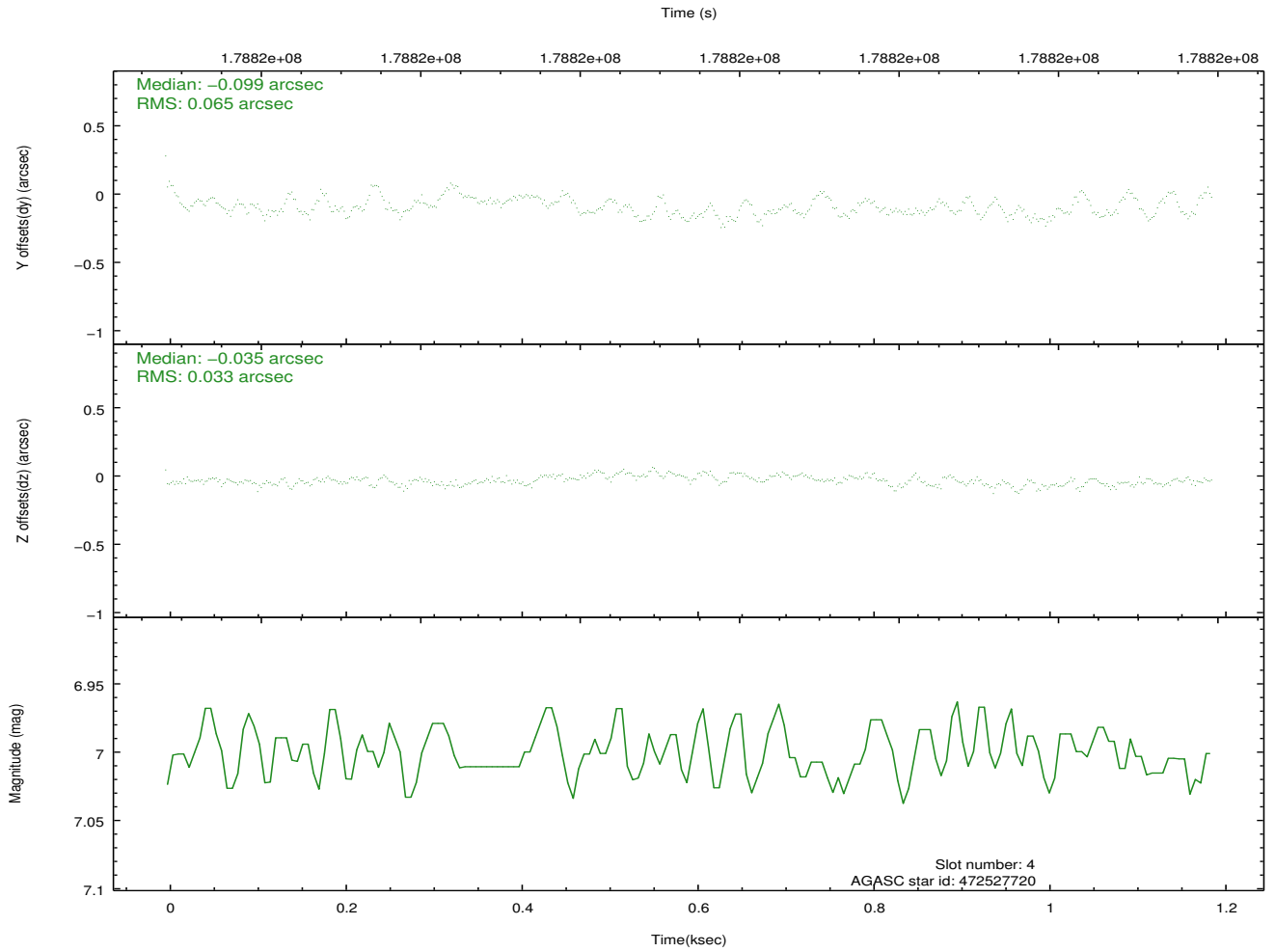
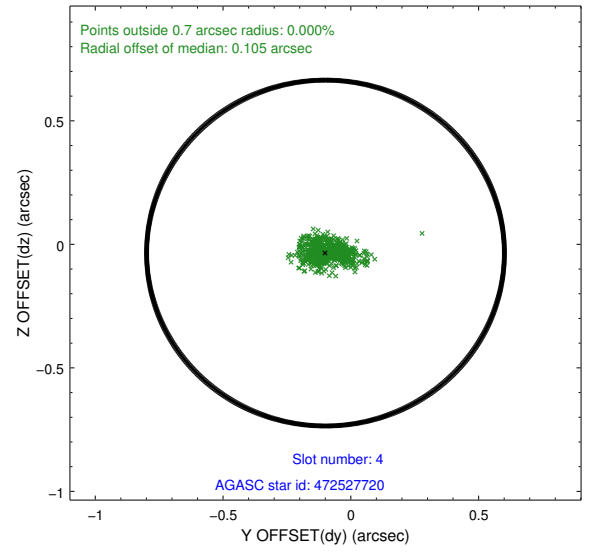
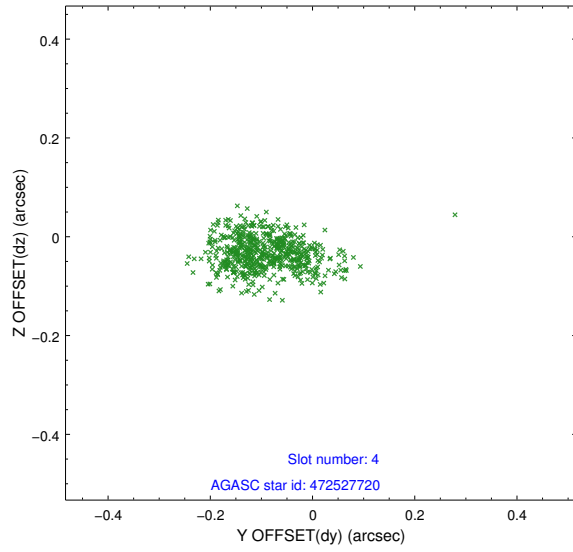
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	291	0.096	-0.122	0.005	0.009	0.000000	0.000000	-1161.29	-456.69
1	FID	HRC-S-2	7.02	291	0.127	-0.113	0.009	0.016	0.000000	0.000000	1234.44	-450.88
2	FID	HRC-S-4	6.98	291	0.180	-0.070	0.008	0.014	0.000000	0.000000	1241.29	573.91
3	GUIDE	472523760	8.23	580	-0.041	-0.036	0.066	0.109	331.645363	45.403260	1704.40	1025.98
4	GUIDE	472527720	7.00	581	-0.099	-0.035	0.074	0.121	331.460205	45.112509	2356.35	1973.59
5	GUIDE	472533912	9.16	581	-0.049	-0.006	0.096	0.162	331.791136	46.368695	733.41	-2326.58
6	GUIDE	472655152	9.44	580	0.127	0.035	0.099	0.156	332.504239	45.862991	-709.62	-234.72
7	GUIDE	472659832	9.46	579	0.056	0.018	0.093	0.153	332.780399	46.098139	-1533.68	-951.55

2.4 Star Slots

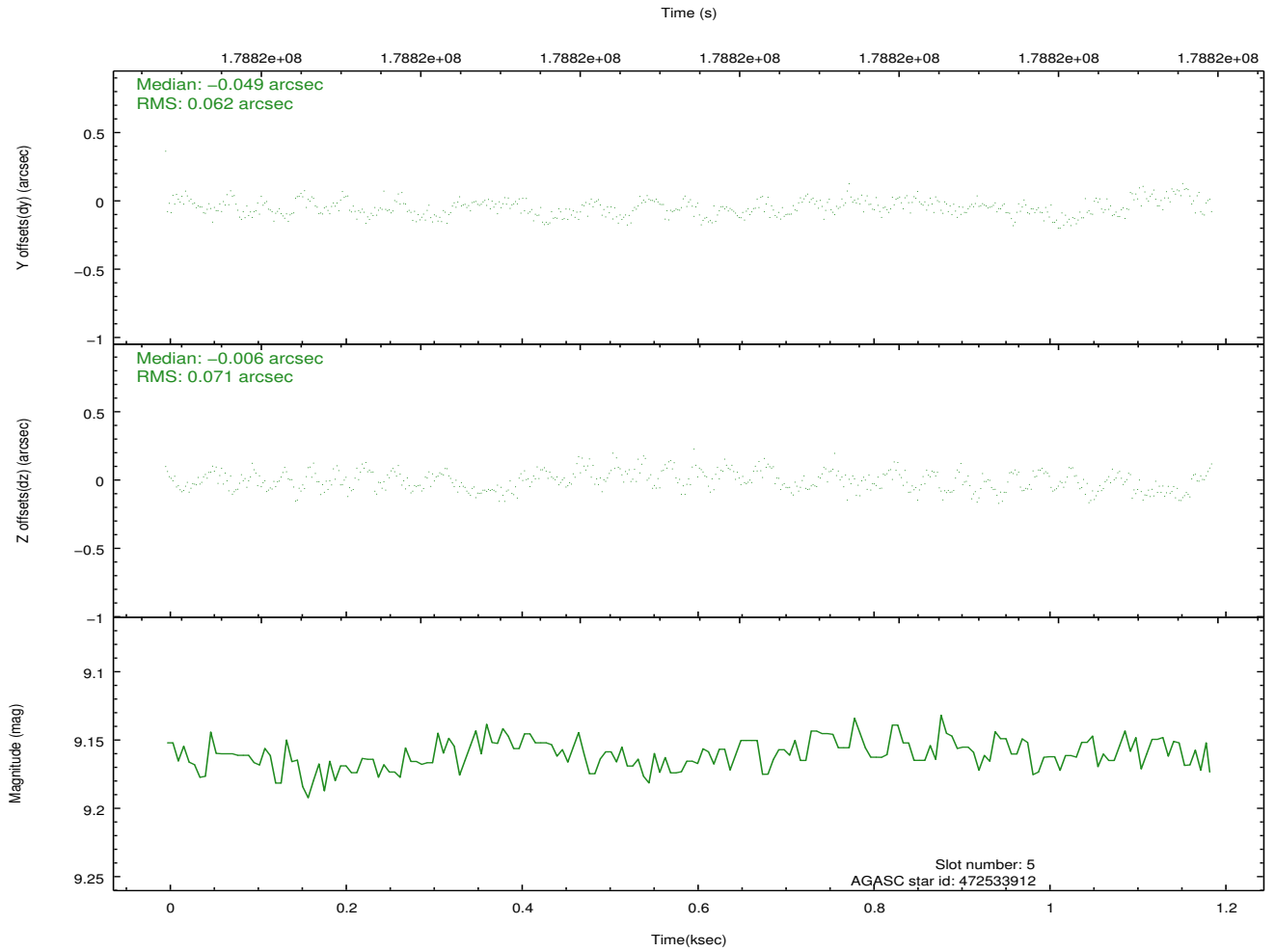
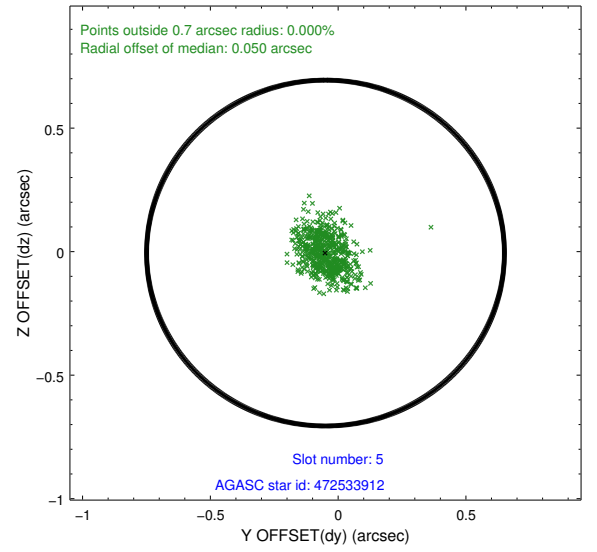
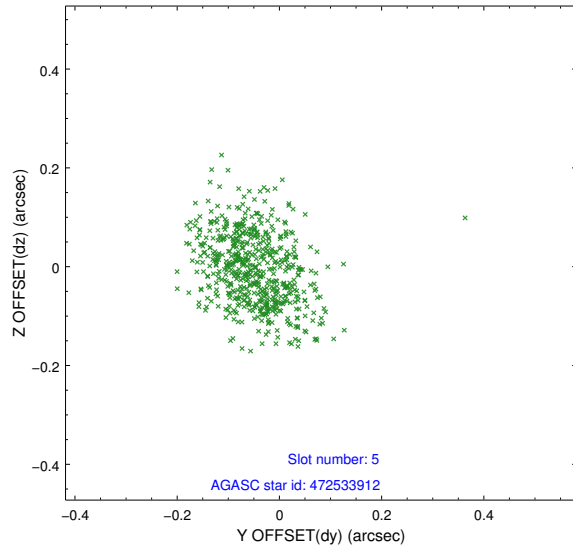
2.4.1 Slot 3



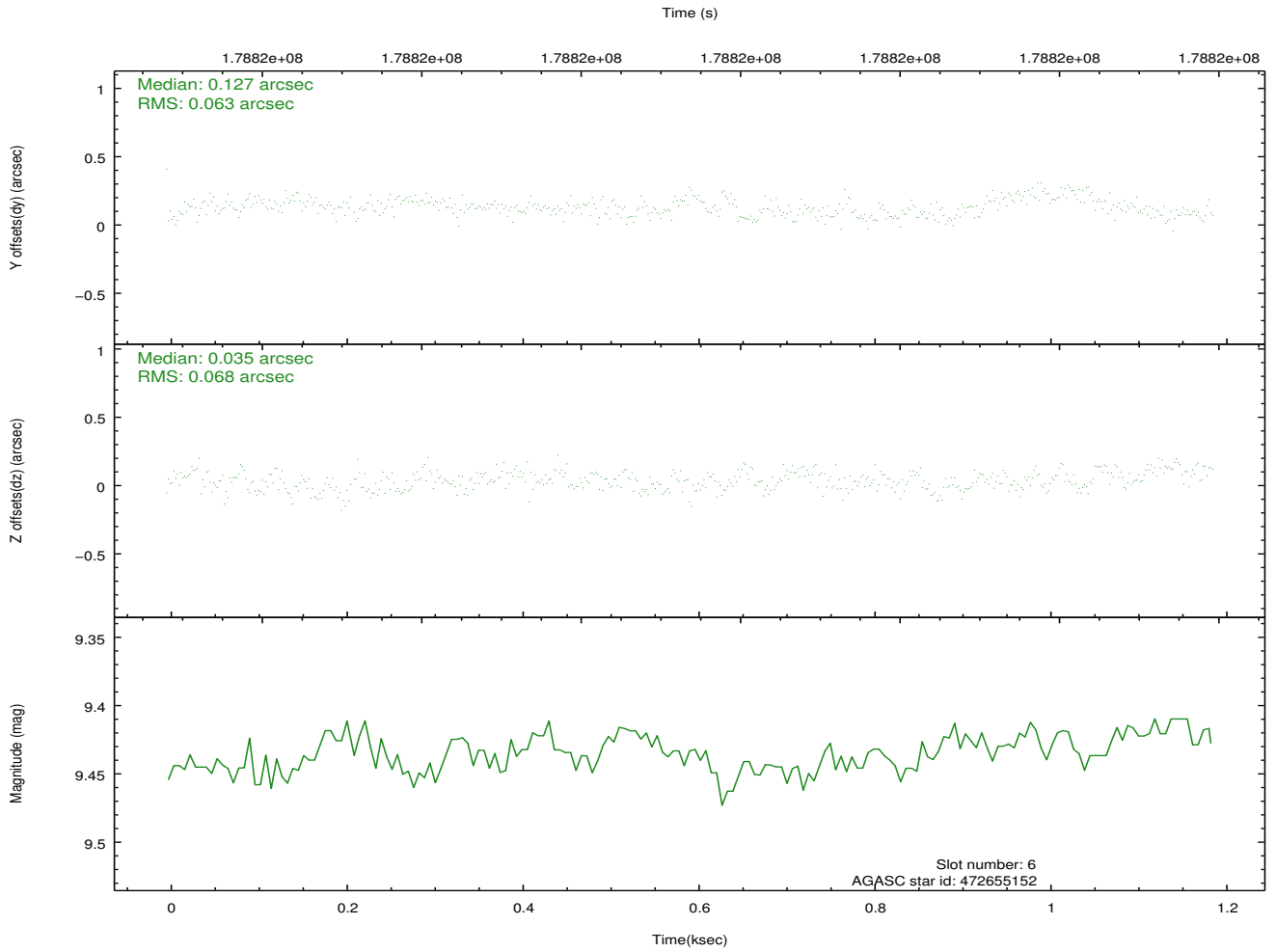
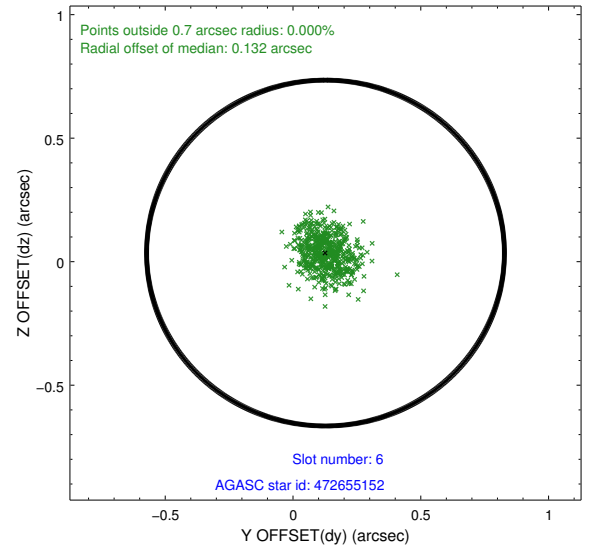
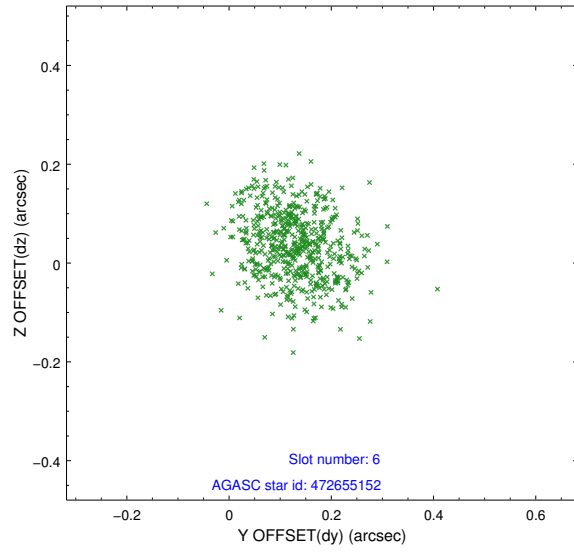
2.4.2 Slot 4



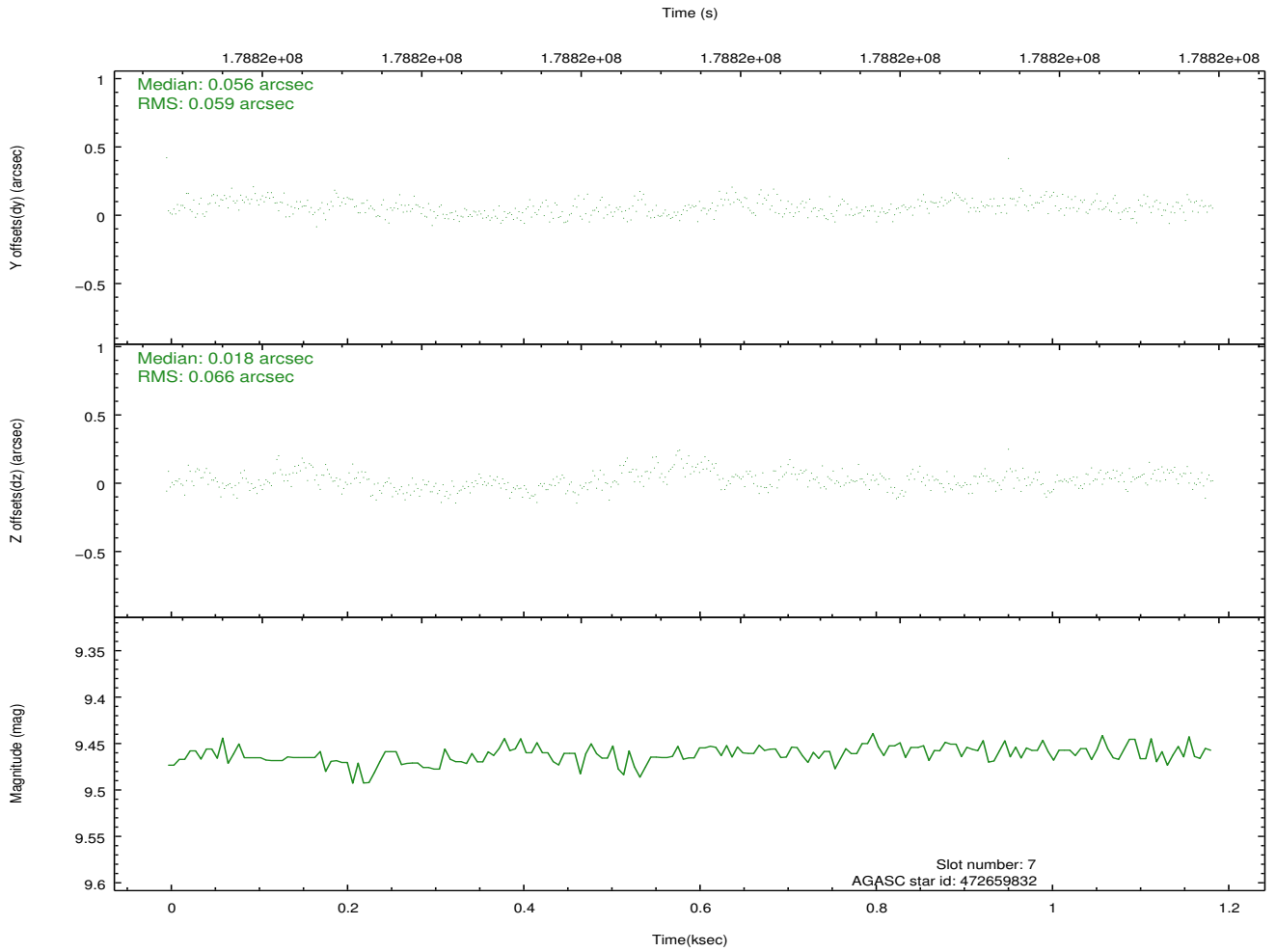
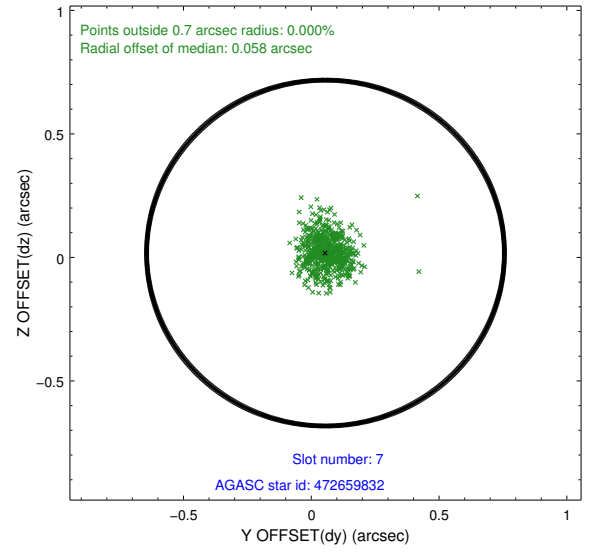
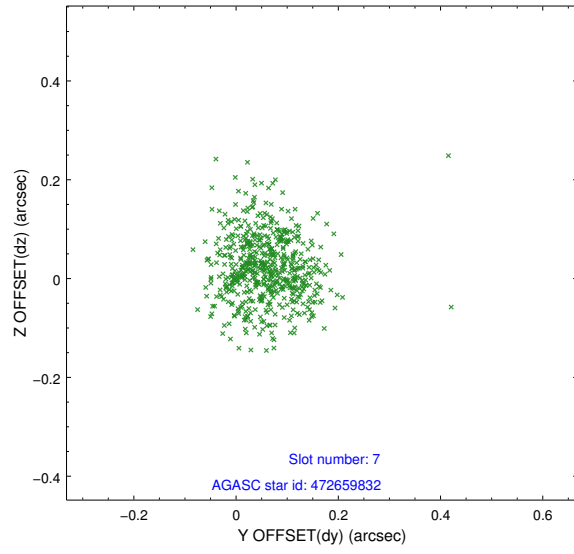
2.4.3 Slot 5



2.4.4 Slot 6

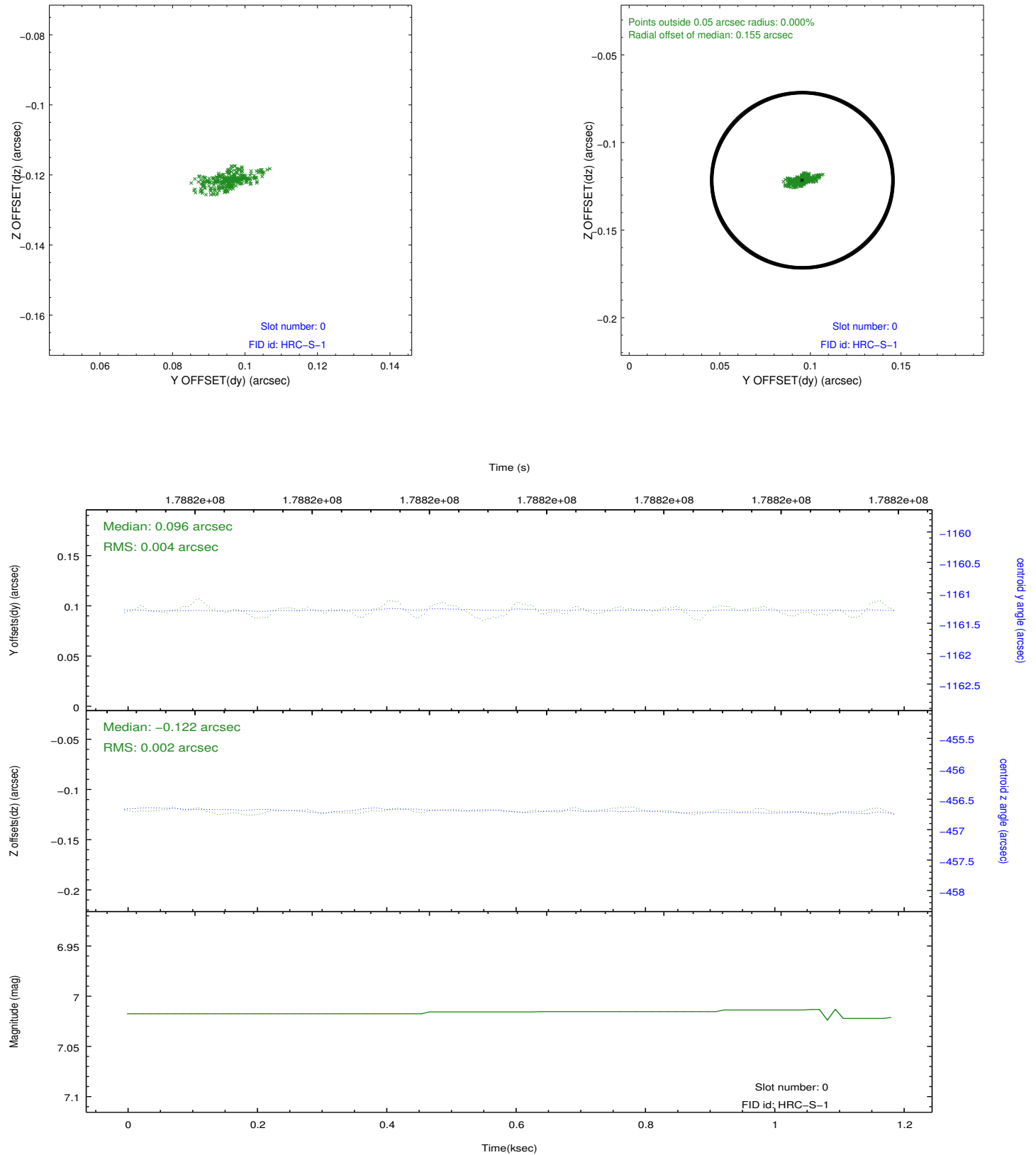


2.4.5 Slot 7

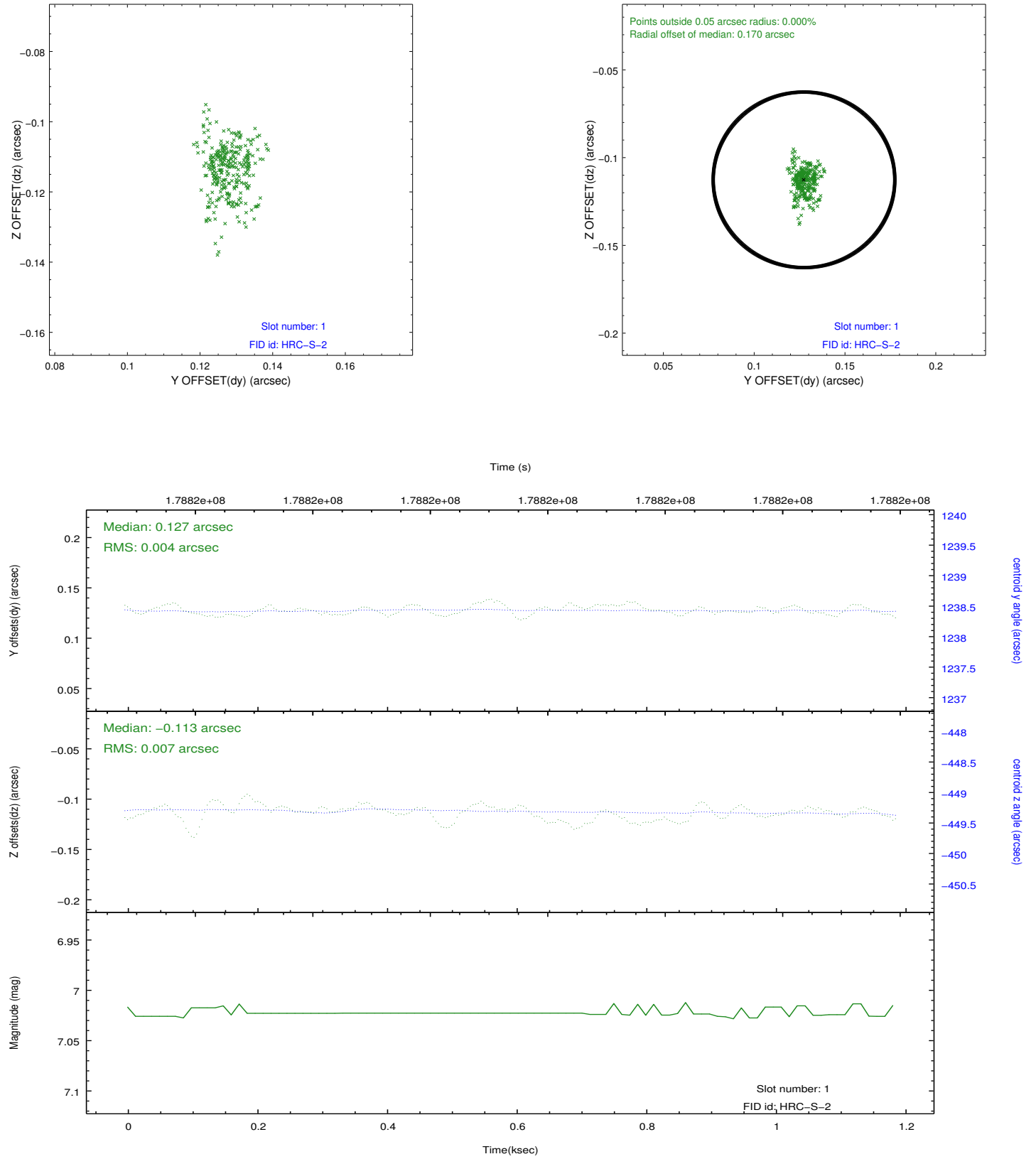


2.5 FID Slots

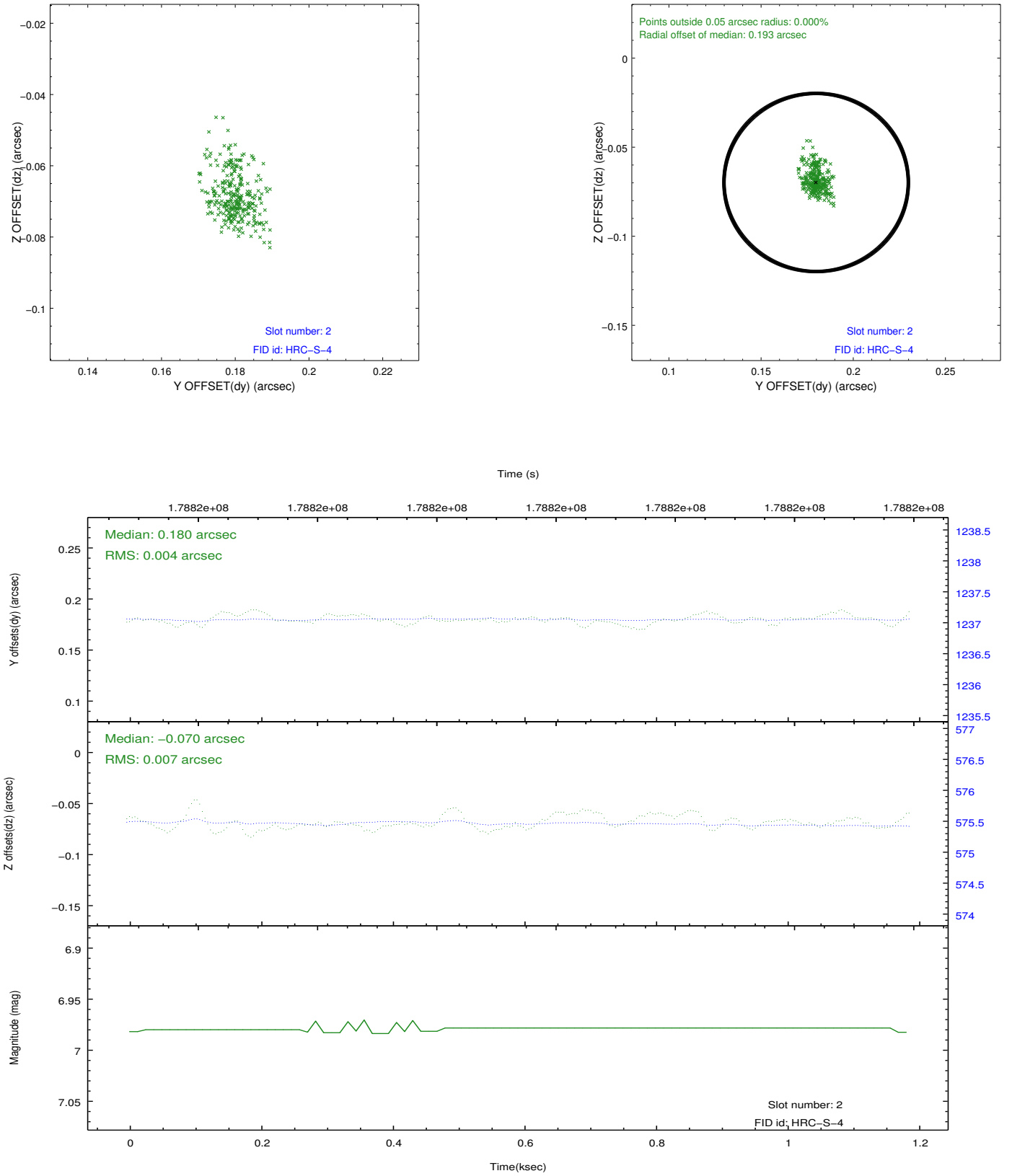
2.5.1 Slot 0



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)	2012.11.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.141

A.2 Comments