

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2363 - L2 Version 5
Chandra X-Ray Center

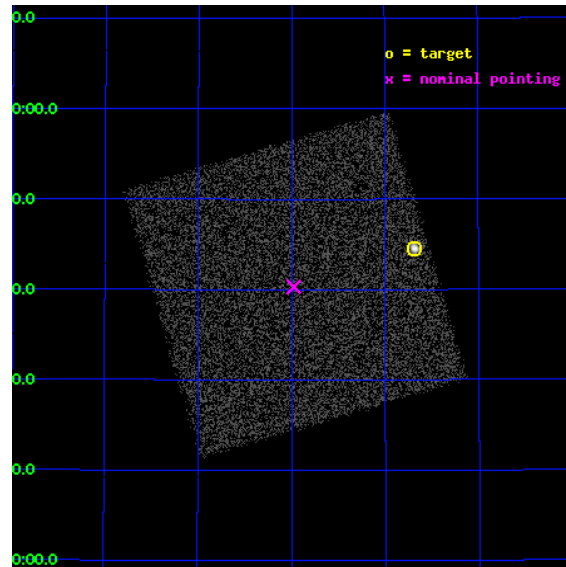
L2 Processing Date : Sep 4 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

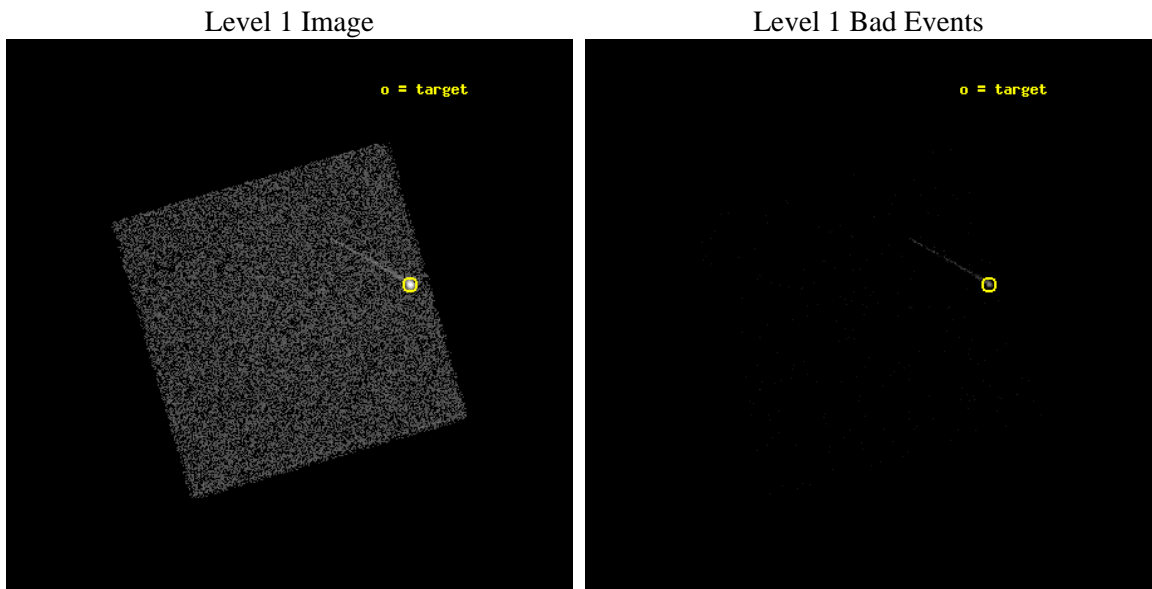
seq_num	290110	Sequence number
obs_id	2363	Observation id
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC,HRC-I,AO2A	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.49365062804	Nominal RA [deg]
dec_nom	45.671915790421	Nominal Dec [deg]
roll_nom	298.62199550384	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1192.3312955946	[s]
livetime	1186.5660869341	Ontime multiplied by DTCOR
l2events	33060	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	1192.3312955946	[s]
caldbver	4.5.1.1	 	l1events	58587	Number of level 1 events
date	2012-09-04T06:21:14	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

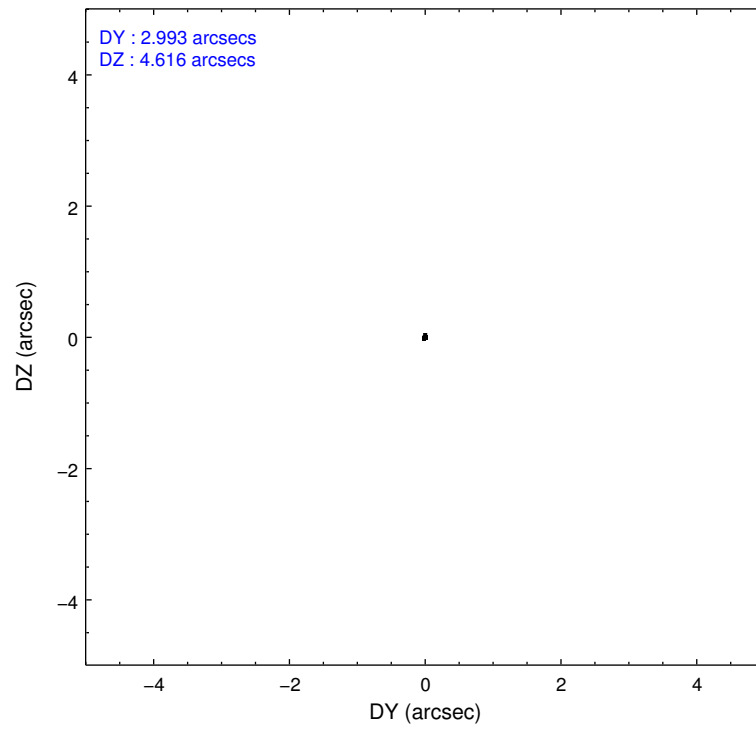
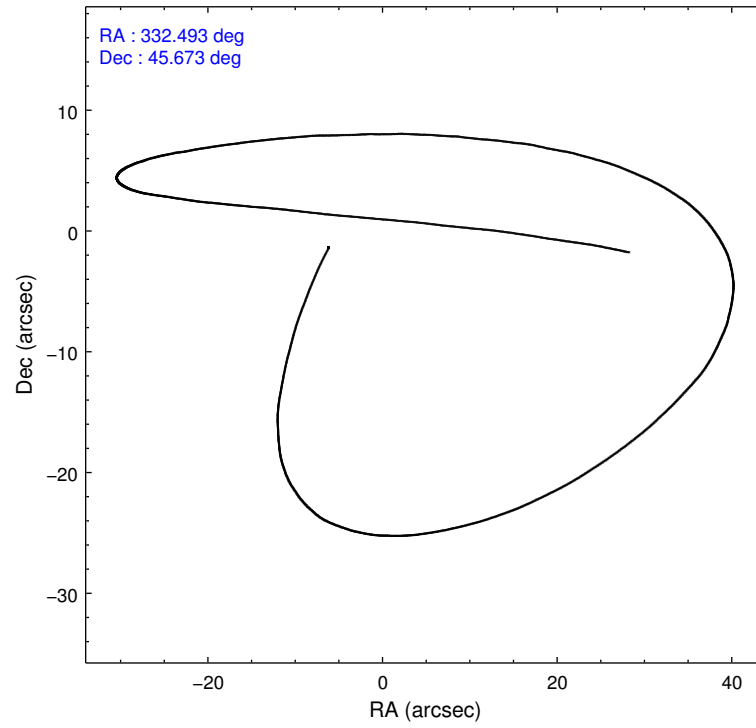
	segment 0
level 1 events	58587
rejected events	12286
rejected %	20%

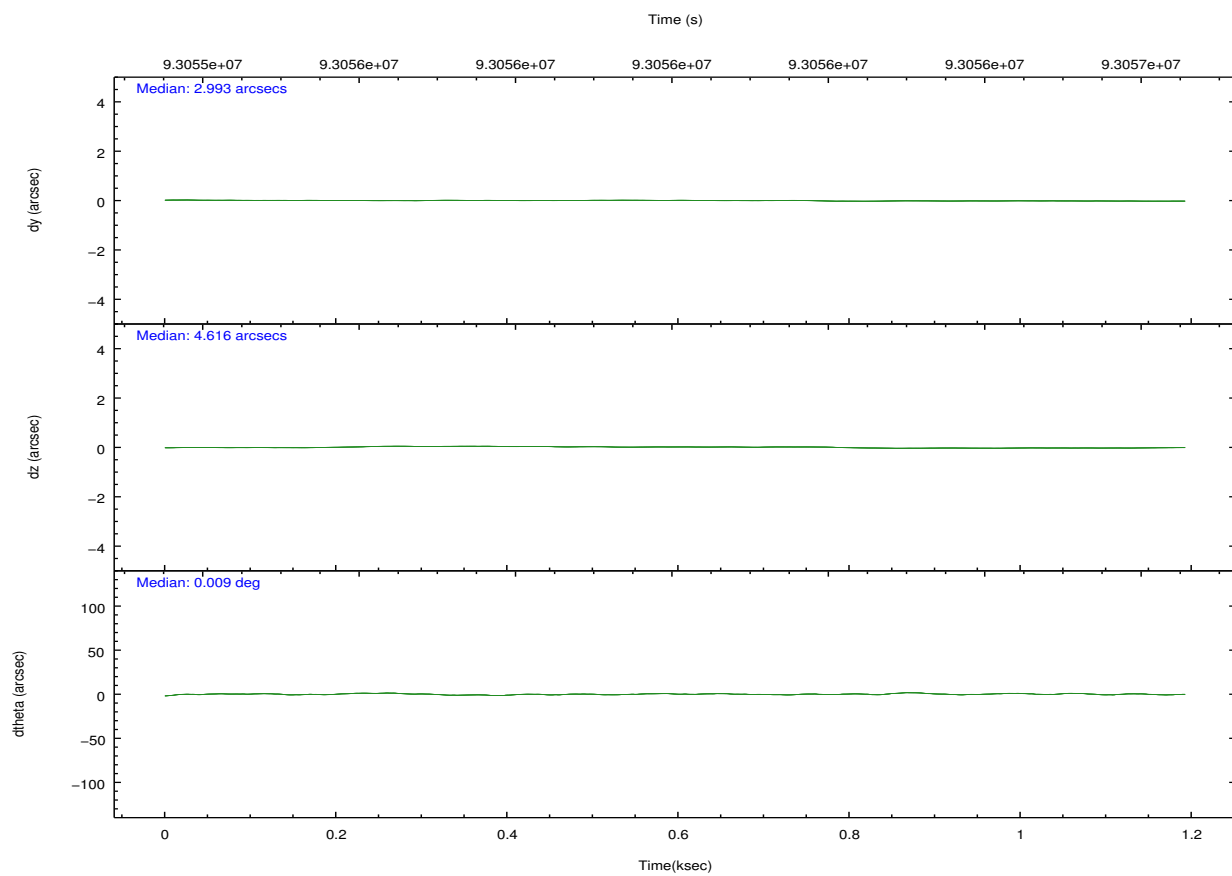
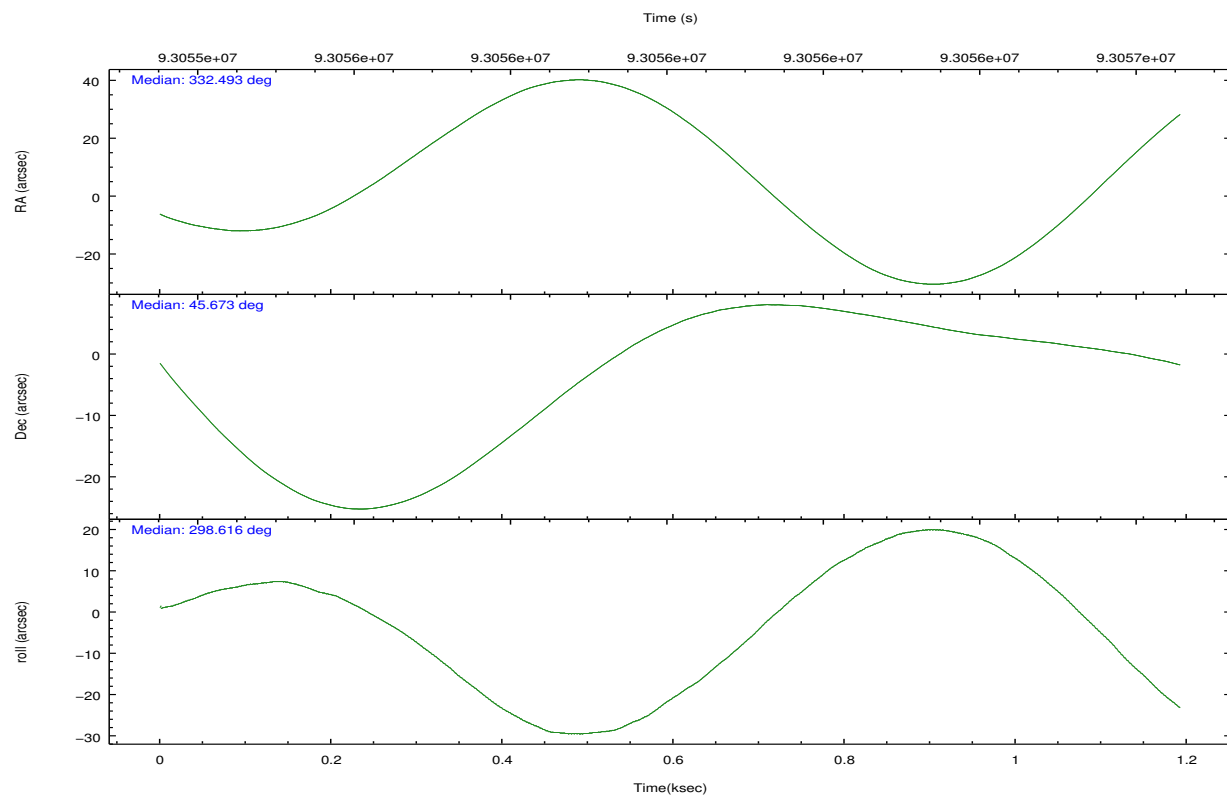
2.2 Compared Parameters

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	332.461223	332.4936506280439
[deg] Pointing Dec	45.686104	45.67191579042068
[deg] Pointing Roll	298.740672	298.6219955038423
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9854943052878
[mm] SIM translation stage offset	0	-5.413686238853188e-06
[s] Observation start time (MET)	93055601.184000	93055224.76355
Observation start date	2000-12-13T00:45:37	2000-12-13T00:40:24
[s] Observation end time (MET)	93056601.184000	93056734.588608
Observation end date	2000-12-13T01:02:17	2000-12-13T01:05:34

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

2.3 Aspect



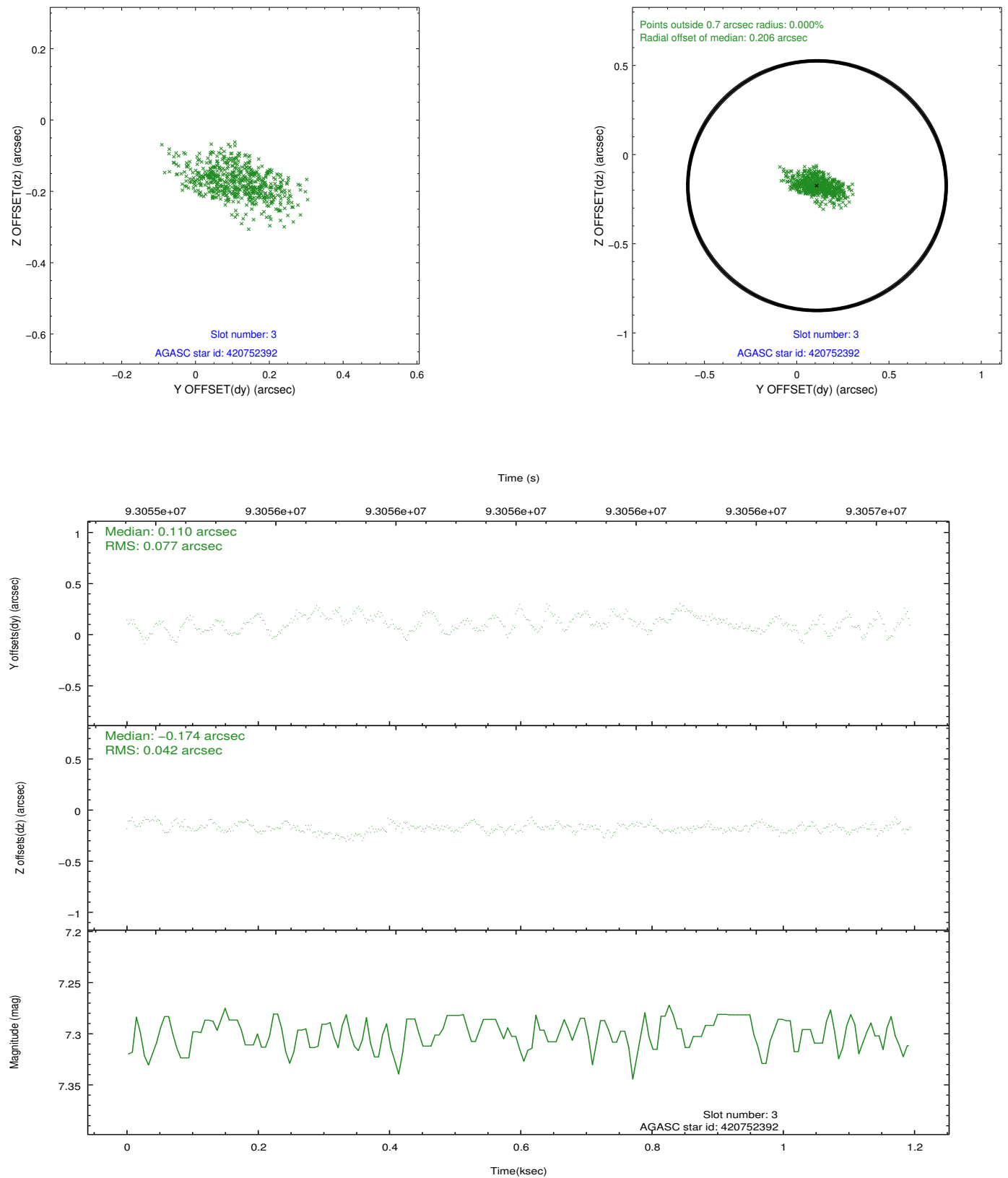


Slot Statistics

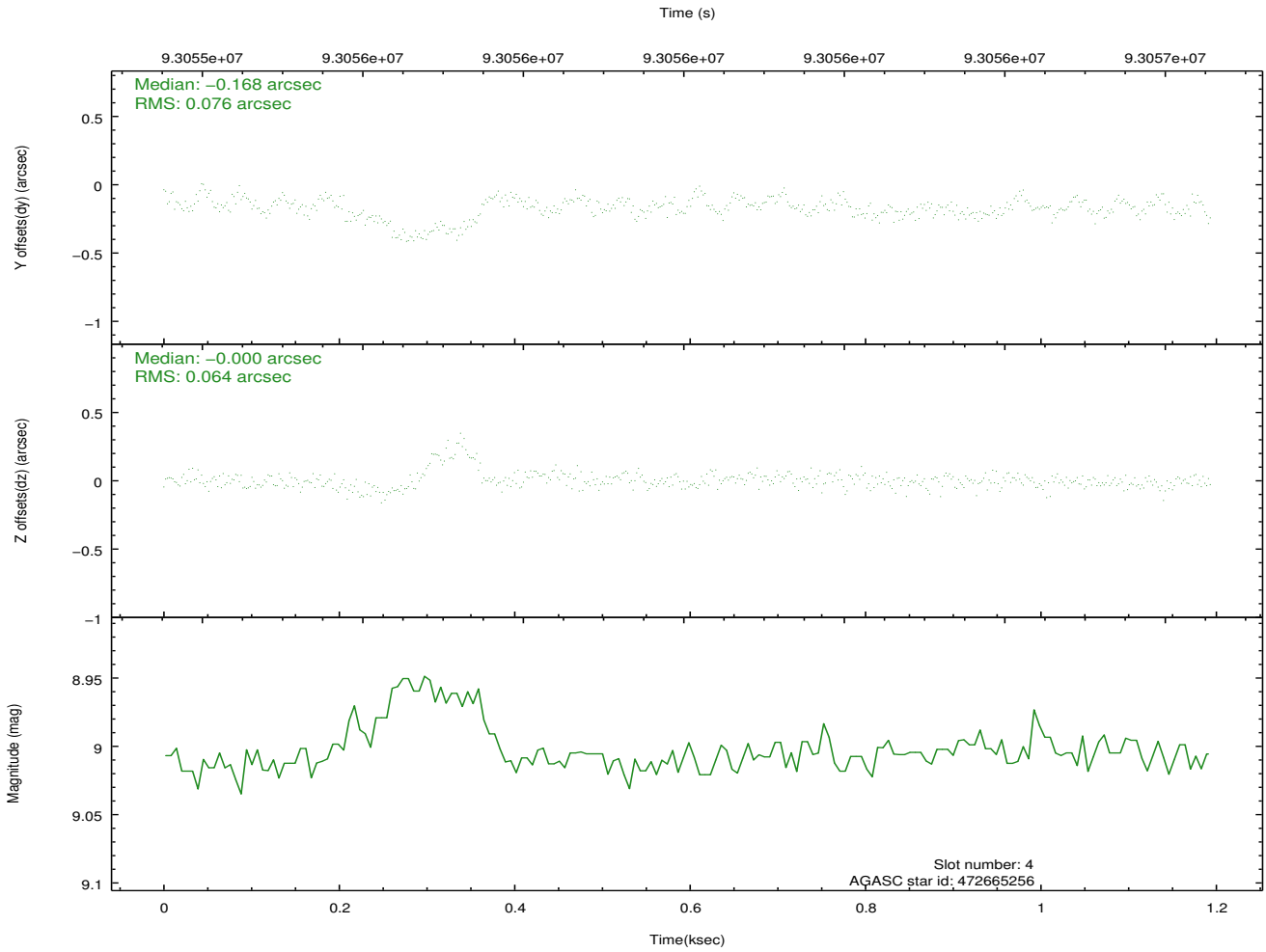
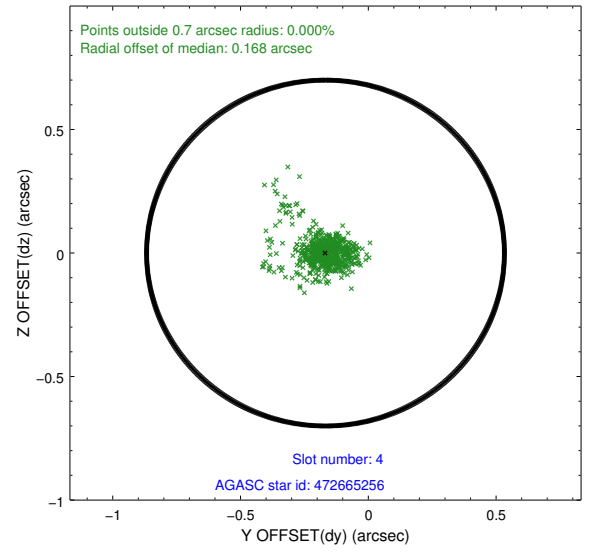
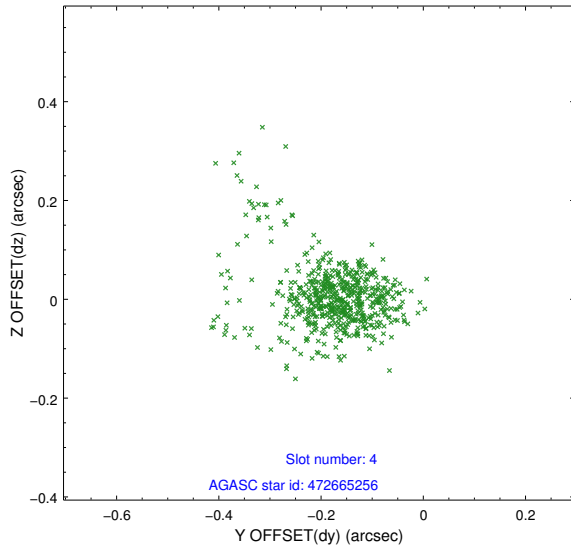
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	291	0.045	0.064	0.009	0.014	0.000000	0.000000	-758.43	-1292.38
1	FID	HRC-I-3	7.05	291	0.034	-0.100	0.009	0.018	0.000000	0.000000	-1189.52	1007.59
2	FID	HRC-I-4	6.98	291	0.036	-0.054	0.007	0.015	0.000000	0.000000	1280.28	1013.12
3	GUIDE	420752392	7.30	583	0.110	-0.174	0.092	0.161	332.271848	44.854756	2392.00	-1859.89
4	GUIDE	472665256	9.01	583	-0.168	-0.000	0.085	0.223	332.808125	46.195041	-1188.36	1639.25
5	GUIDE	472659832	9.46	583	-0.021	0.090	0.094	0.151	332.780399	46.098139	-920.74	1418.12
6	GUIDE	472655152	9.43	583	-0.019	-0.007	0.098	0.153	332.504239	45.862991	-507.80	405.82
7	GUIDE	472646552	9.61	582	0.095	0.082	0.094	0.150	333.120915	45.571877	1153.39	1266.83

2.4 Star Slots

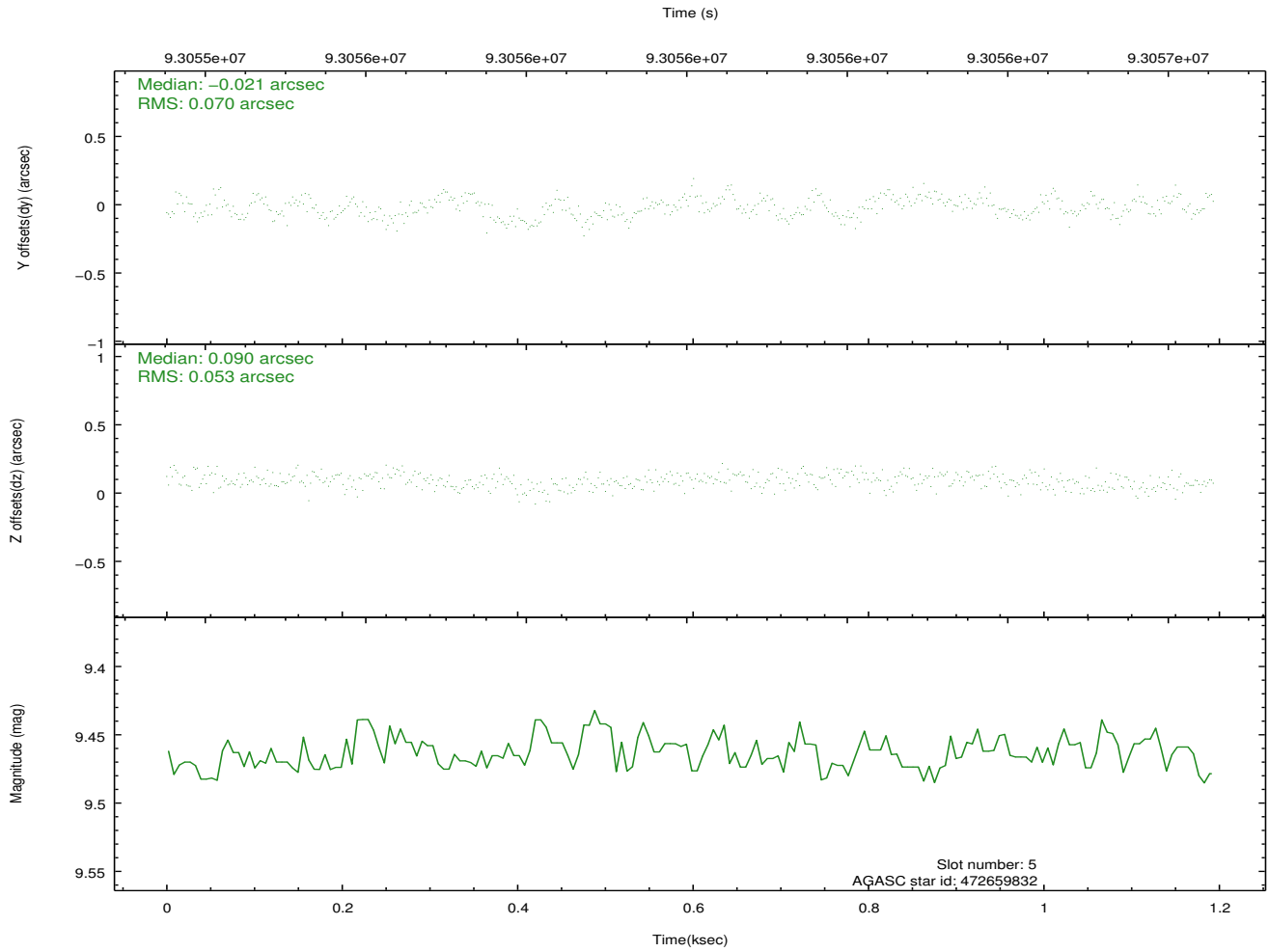
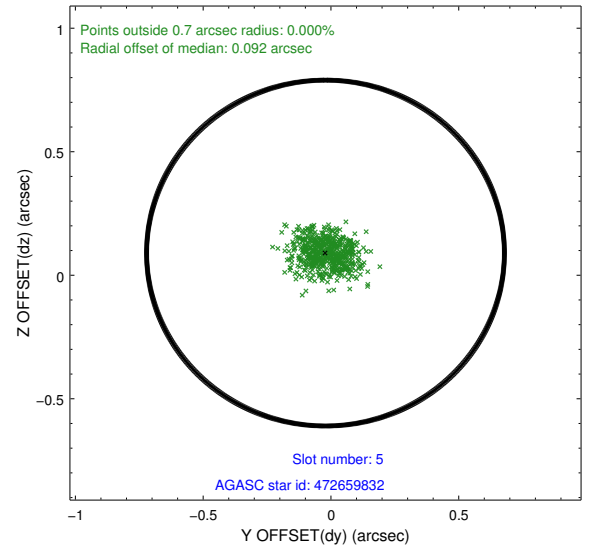
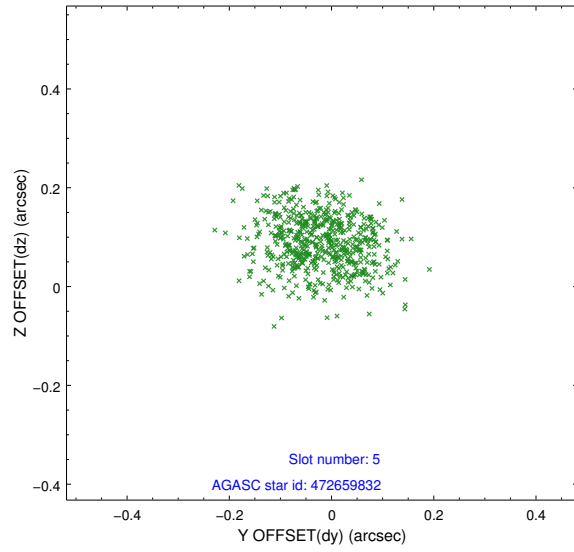
2.4.1 Slot 3



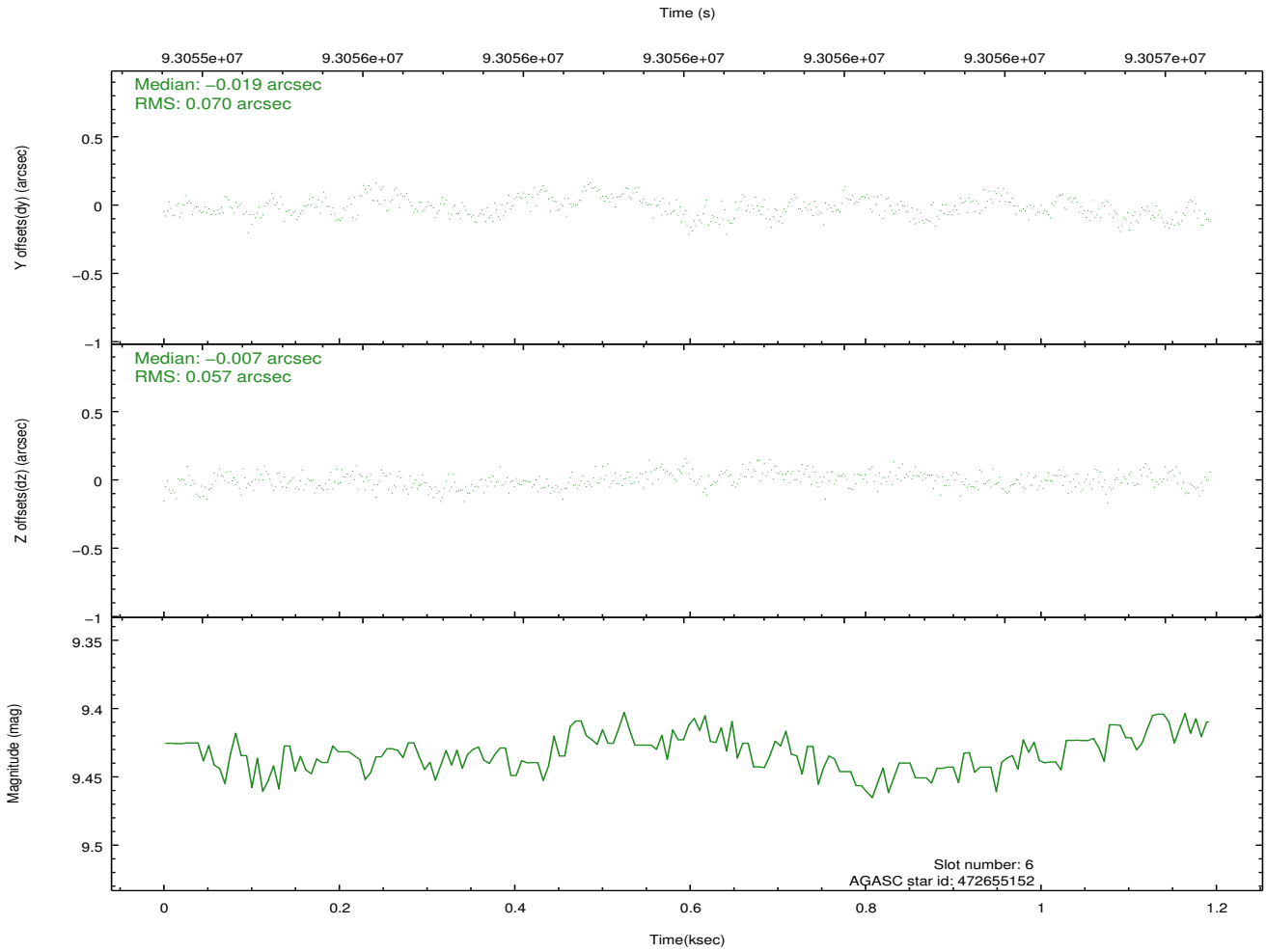
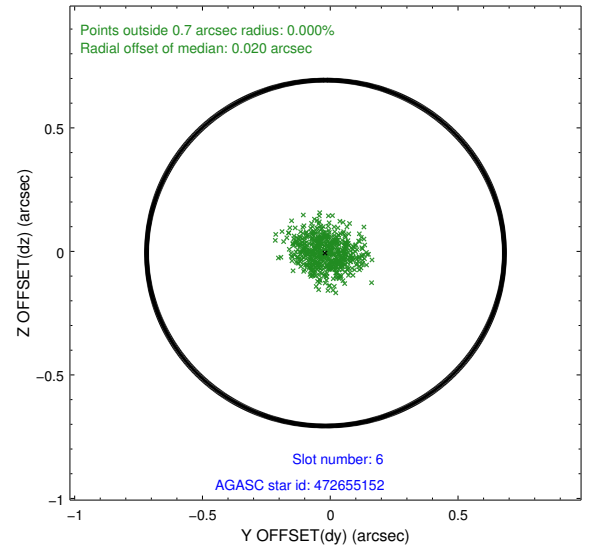
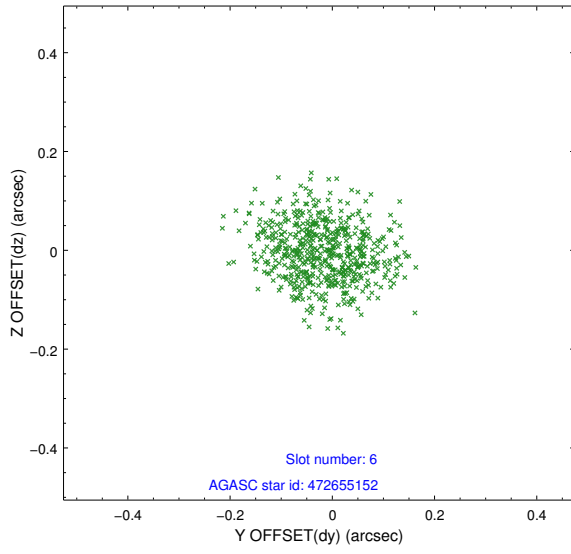
2.4.2 Slot 4



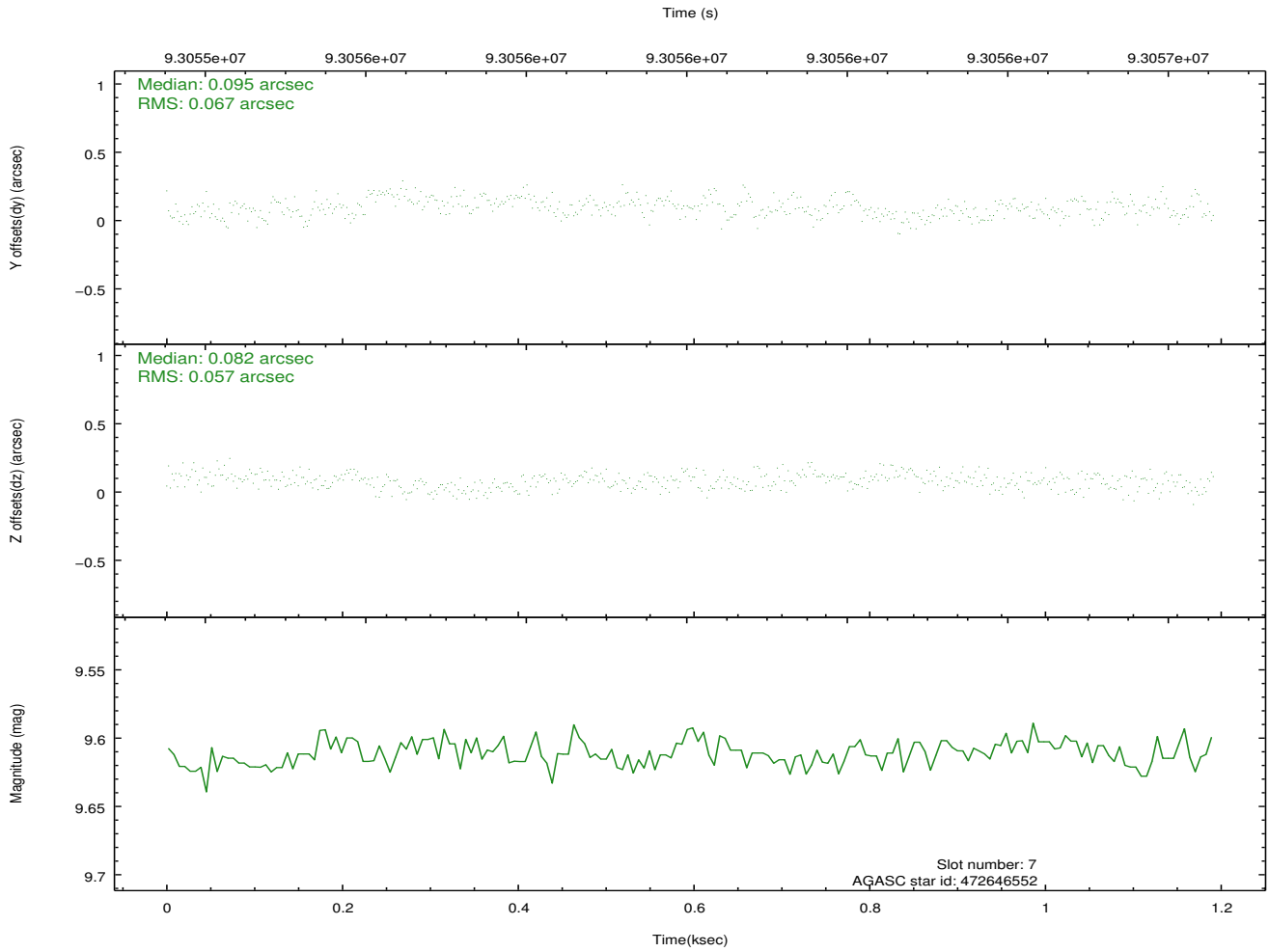
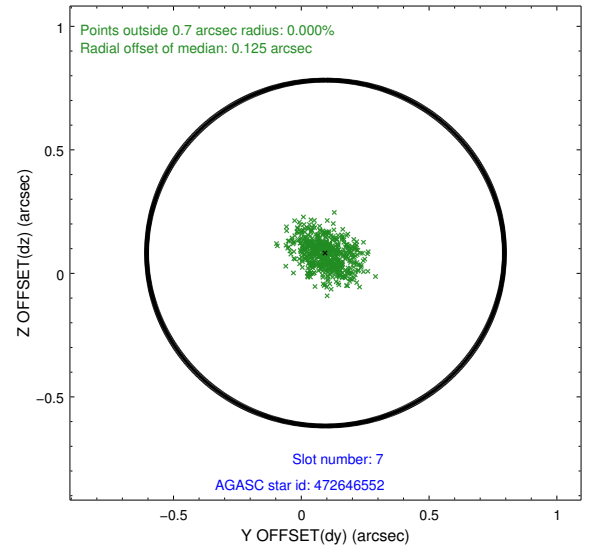
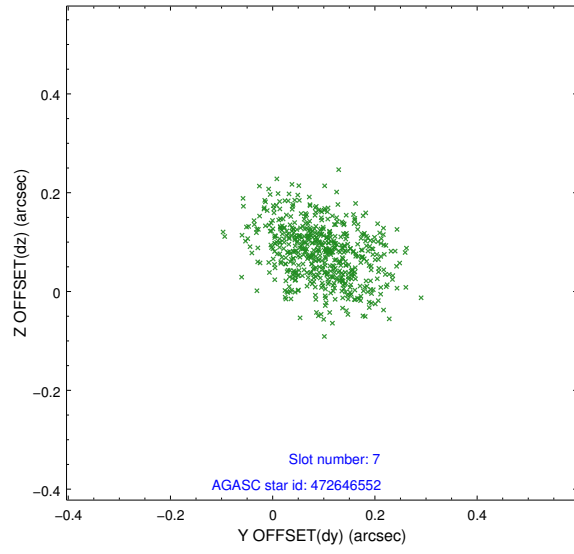
2.4.3 Slot 5



2.4.4 Slot 6

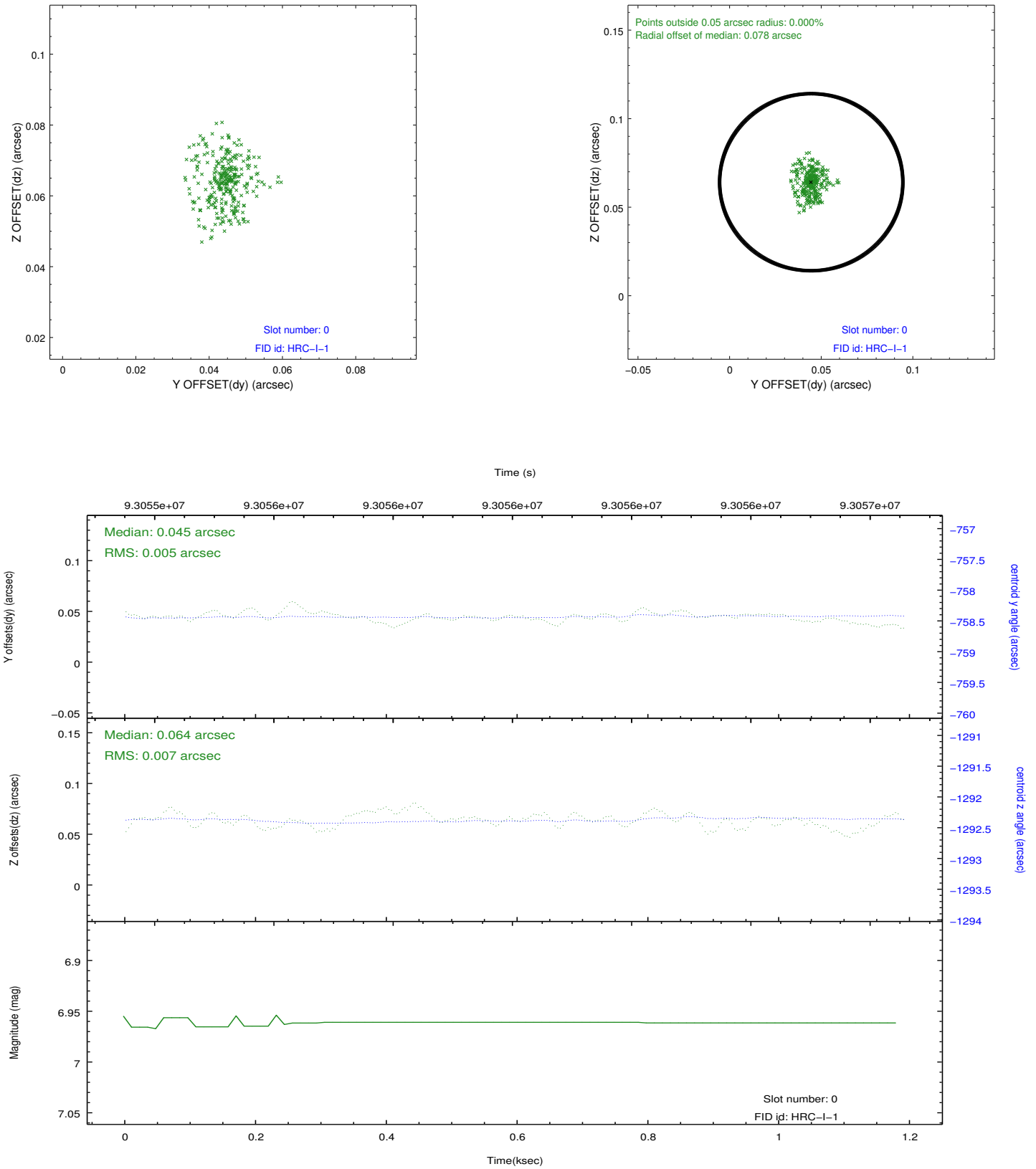


2.4.5 Slot 7

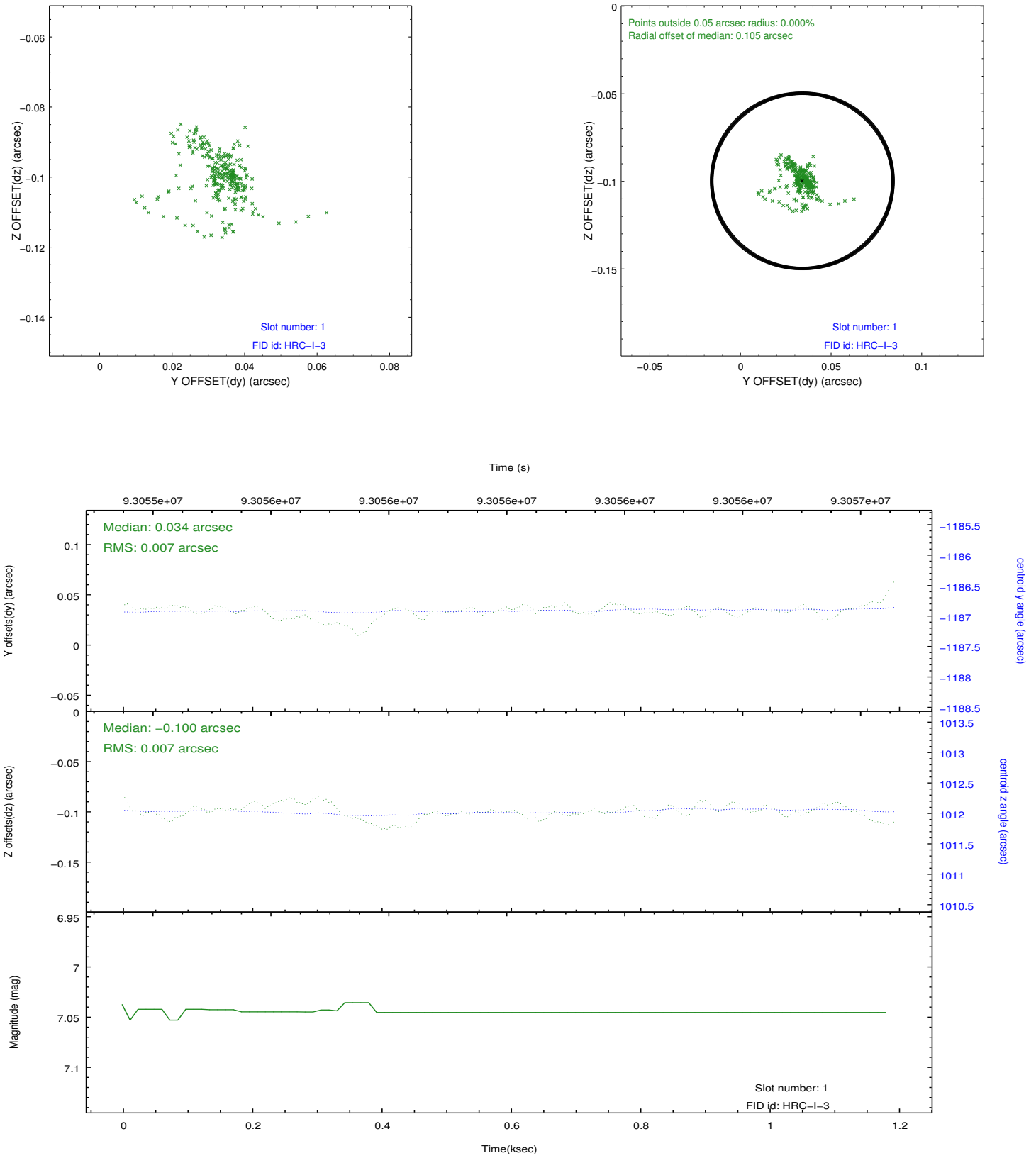


2.5 FID Slots

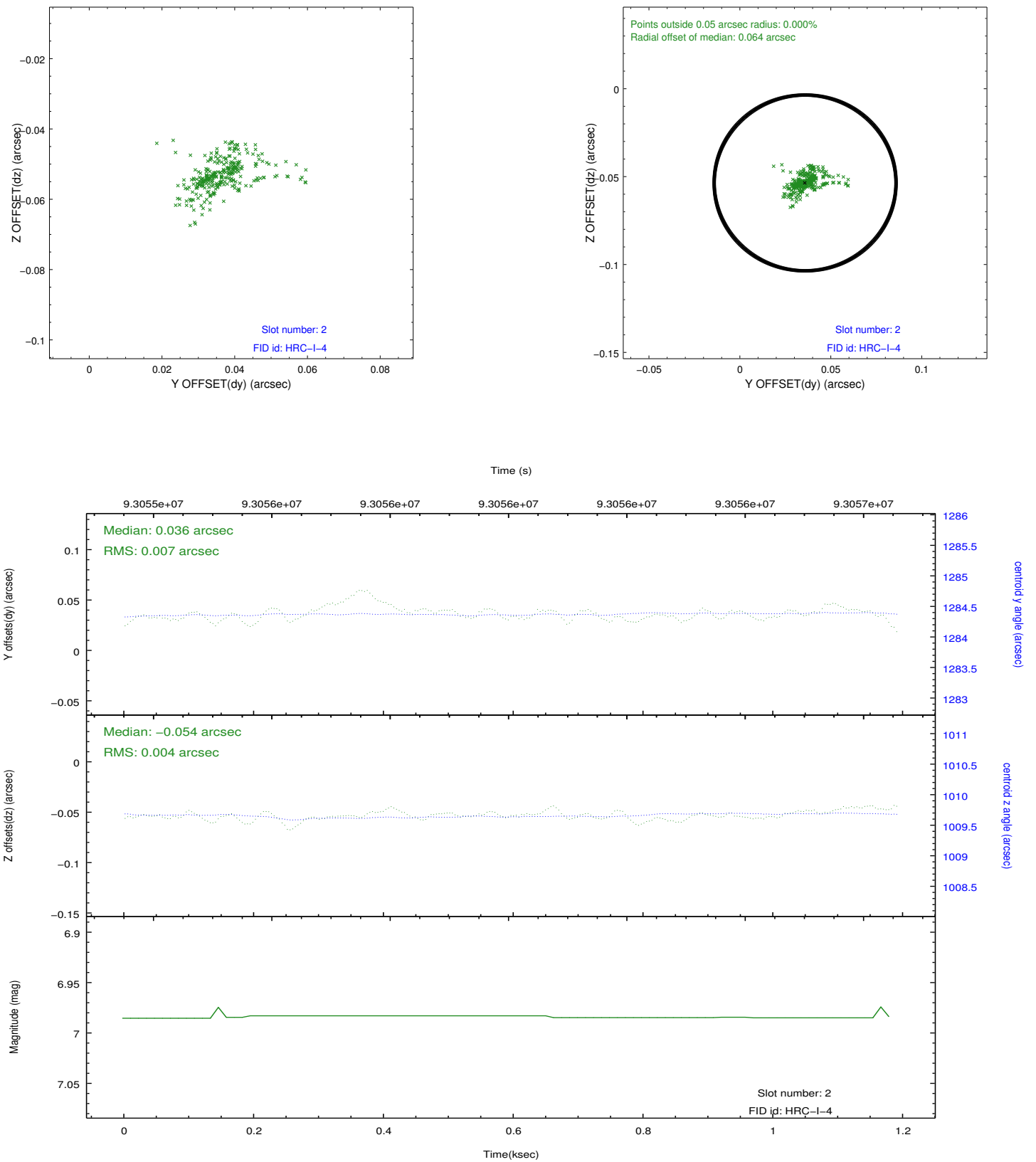
2.5.1 Slot 0



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)	2012.09.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.192

A.2 Comments