

V&V Reference Report

L2 ASCDS Version : 10.7.1

Observation 22069 - L2 Version 1
Chandra X-Ray Center

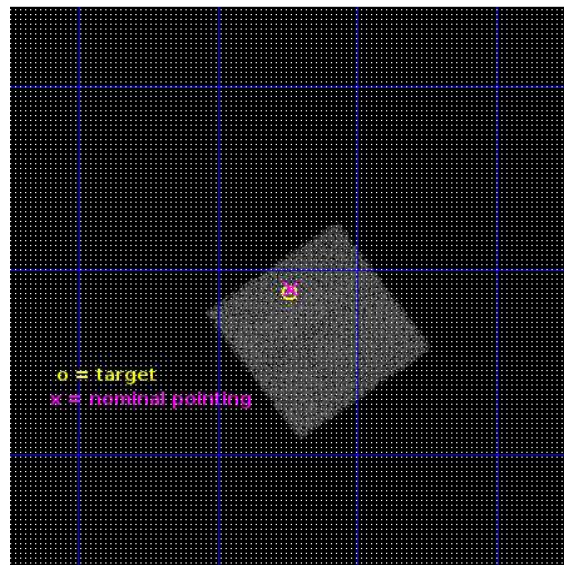
L2 Processing Date : Jan 28 2019

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1 Front

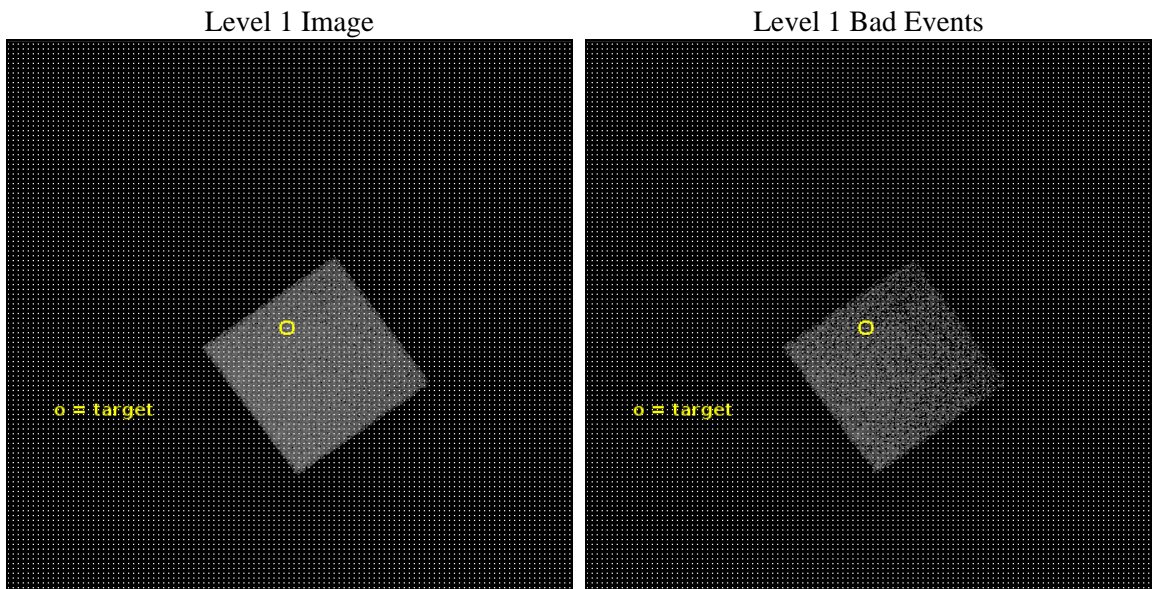
seq_num	703858	Sequence number
obs_id	22069	Observation id
title	C-BASS: A Chandra Legacy Survey of AGN at the Highest Spatial Resolutions	Proposal title
observer	Michael Koss	Principal investigator
object	1RXS J174645.6+131844	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	266.685852	Observer's specified target RA [deg]
dec_targ	13.312924	Observer's specified target Dec [deg]
ra_nom	266.68413716482	Nominal RA [deg]
dec_nom	13.316791269229	Nominal Dec [deg]
roll_nom	54.372595275424	Nominal Roll [deg]
revision	1	Processing version of data
ontime	10091.197095275	Sum of GTIs [s]
livetime	9955.0125239474	Livetime [s]
ontime7	10091.197095275	Sum of GTIs [s]
l2events	42631	Number of level 2 events



2 OBI

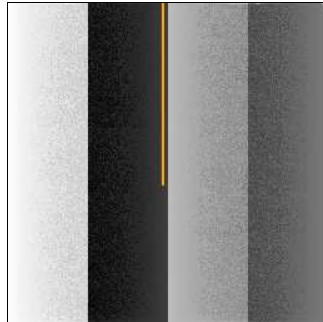
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	10.7.1	Processing system revision	ontime	10091.197095275	Sum of GTIs [s]
caldsver	4.8.2	 	ontime7	10091.197095275	Sum of GTIs [s]
date	2019-01-28T06:18:12	Date and time of file creation	l1events	98861	Number of level 1 events
revision	1	Processing version of data			

2.1.4 Events

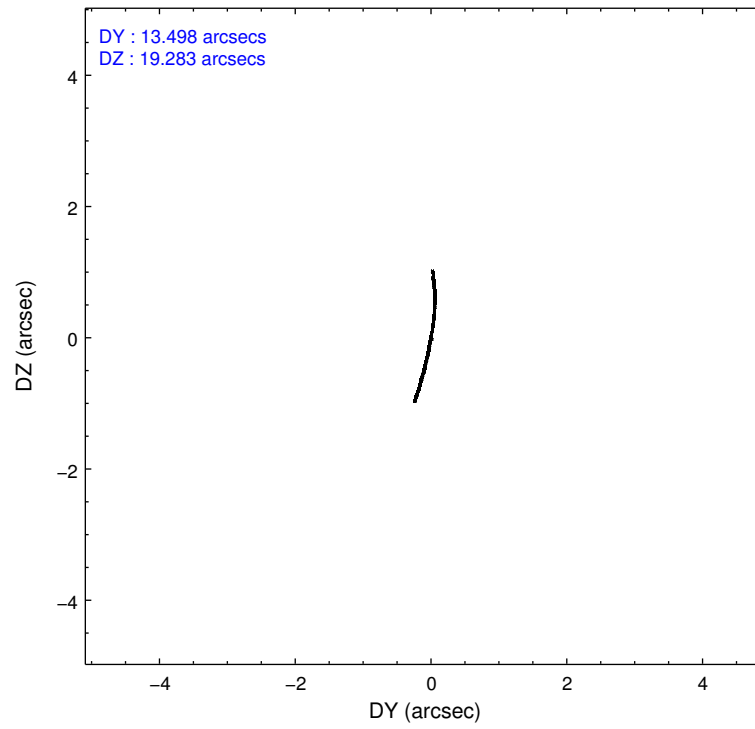
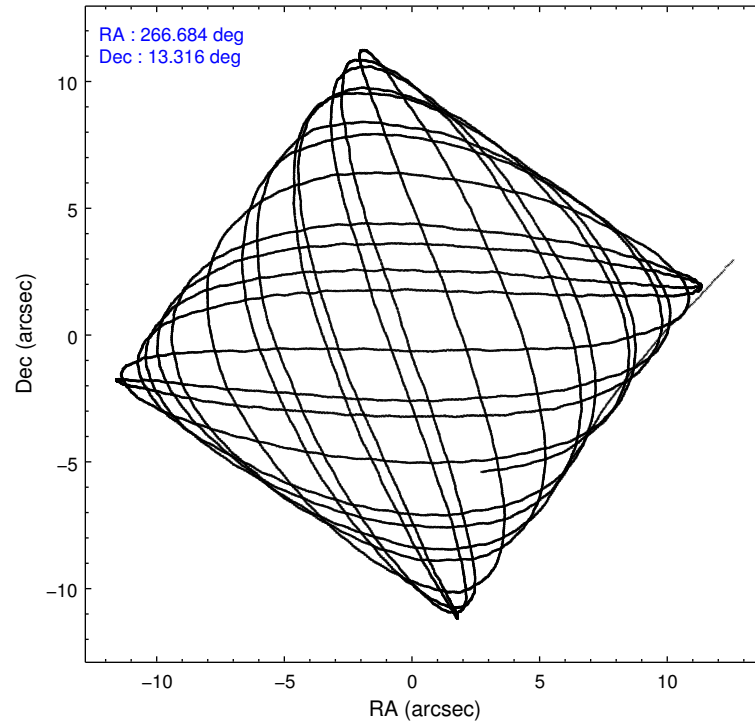
	ccd 7
level 1 events	98861
rejected events	55114
rejected %	55%

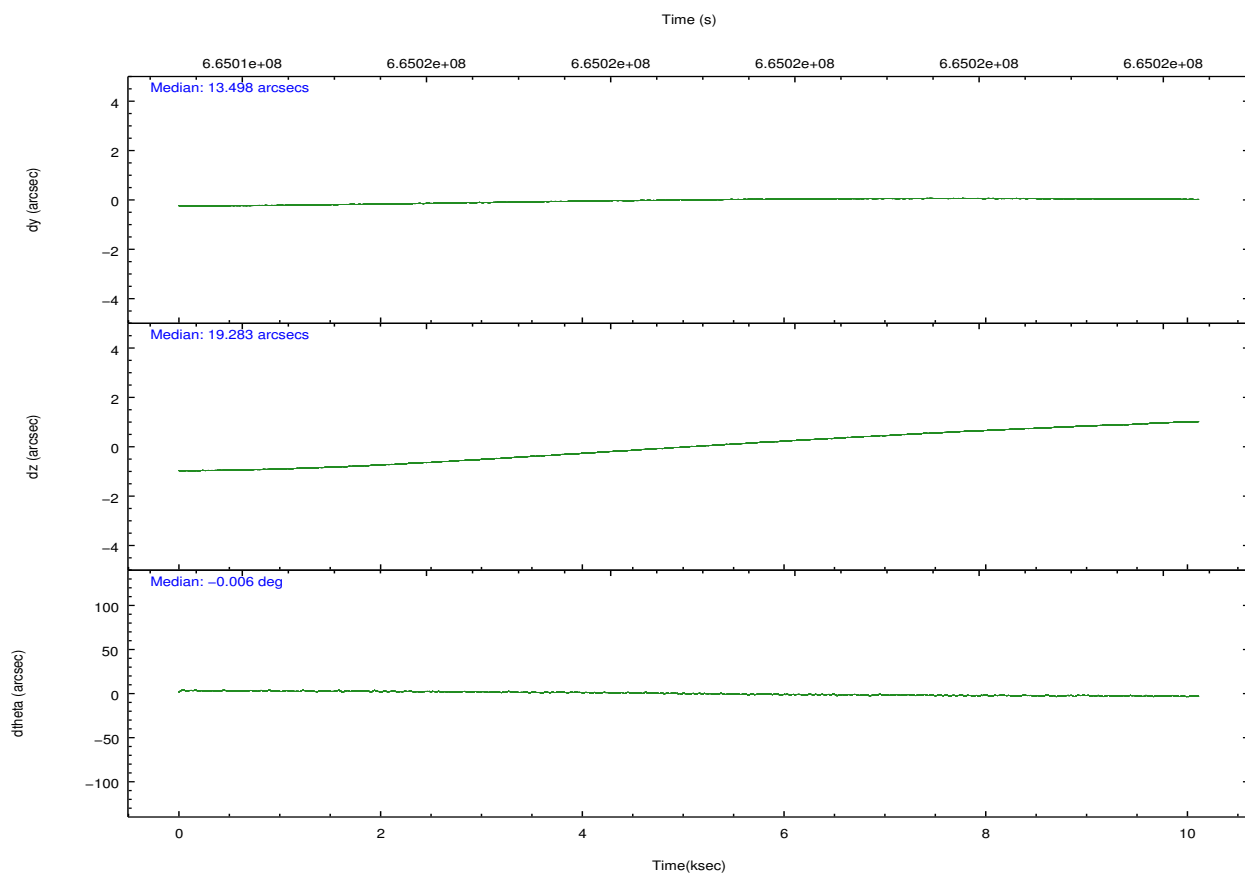
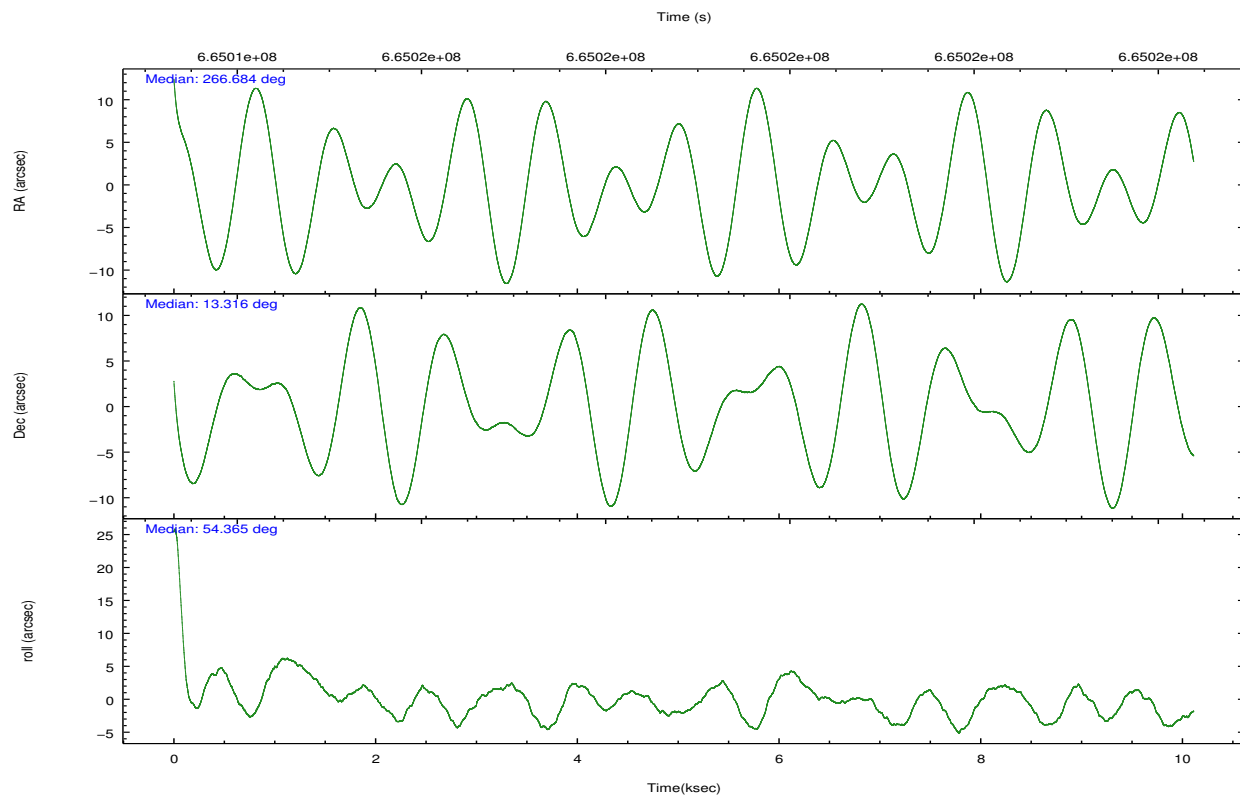
	ccd 7
grade 0 events	3863
	3%
grade 1 events	153
	0%
grade 2 events	9062
	9%
grade 3 events	3435
	3%
grade 4 events	3525
	3%
grade 5 events	9373
	9%
grade 6 events	23891
	24%
grade 7 events	45559
	46%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	266.681707	266.6841371648181	Subarray requested	NONE	NONE
[deg] Pointing Dec	13.289460	13.31679126922891	Alternating exposures requested	N	N
[deg] Pointing Roll	54.216495	54.37259527542386	[s] Primary exposure time	0.000000	3
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	665013901.184000	665012713.93846			
Observation start date	2019-01-27T22:03:52	2019-01-27T21:45:13			
[s] Observation end time (MET)	665023901.184000	665024751.02668			
Observation end date	2019-01-28T00:50:32	2019-01-28T01:05:51			
Read mode	TIMED	TIMED			

2.3 Aspect



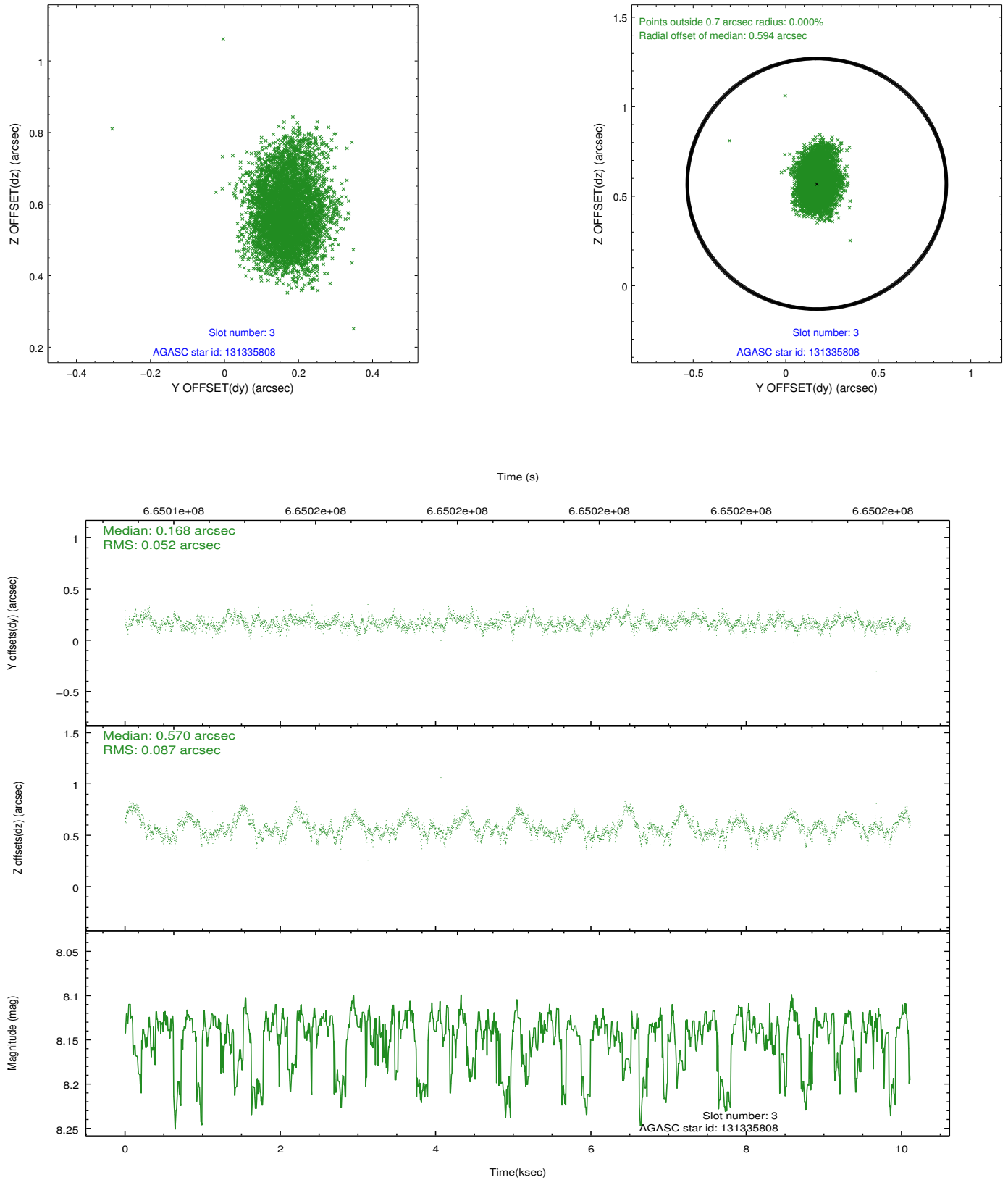


Slot Statistics

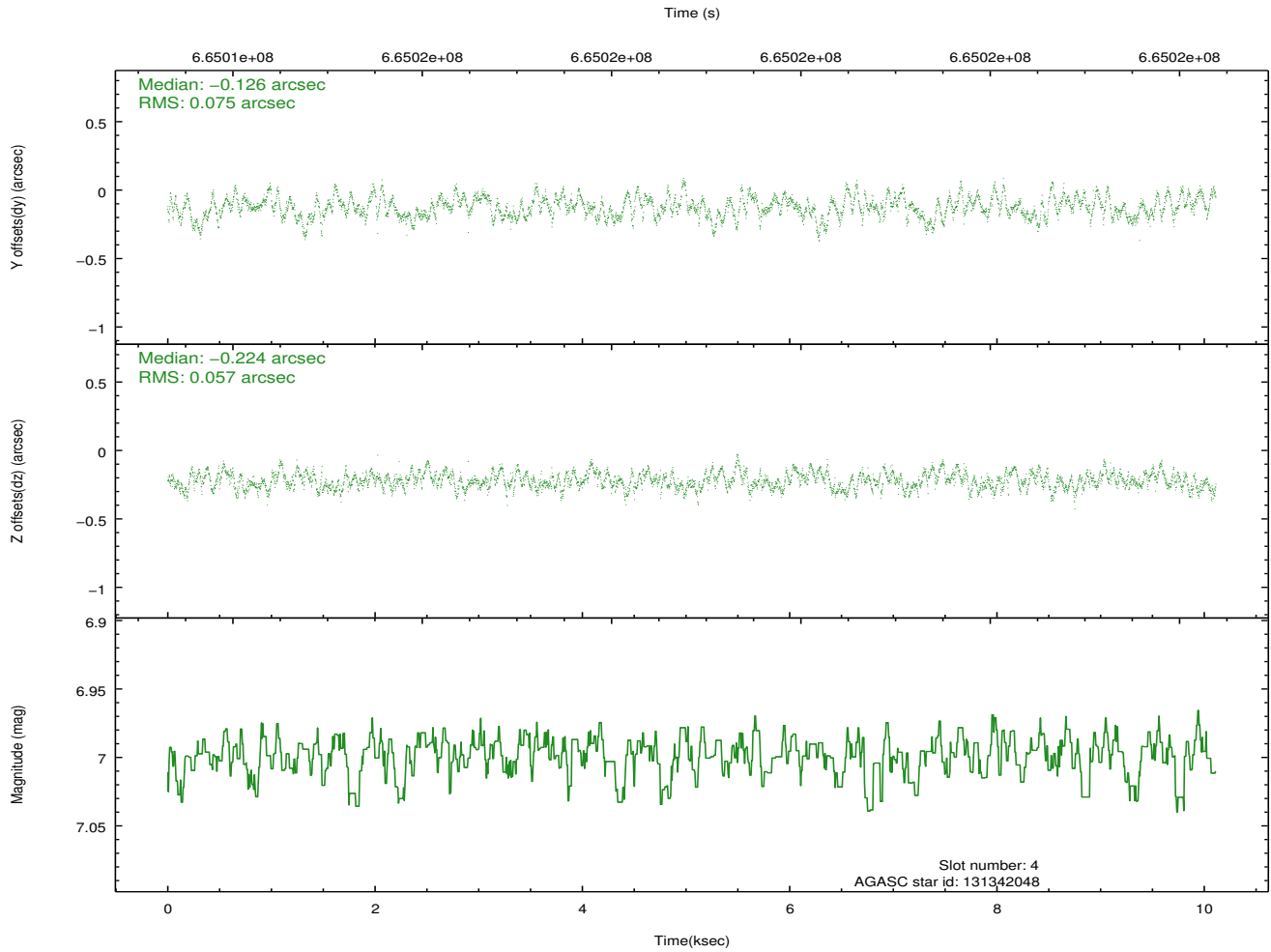
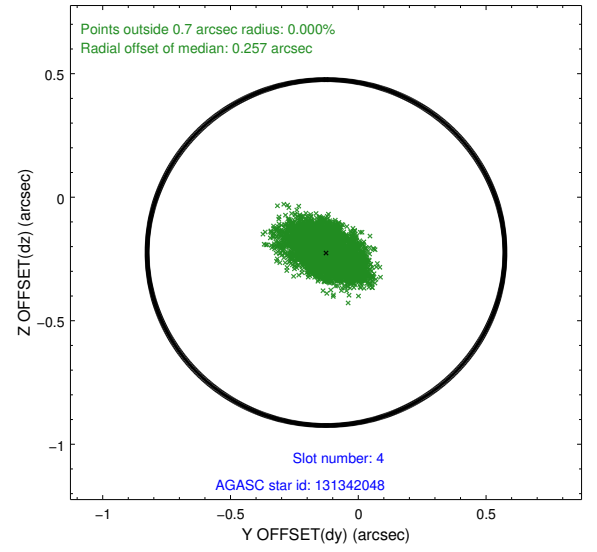
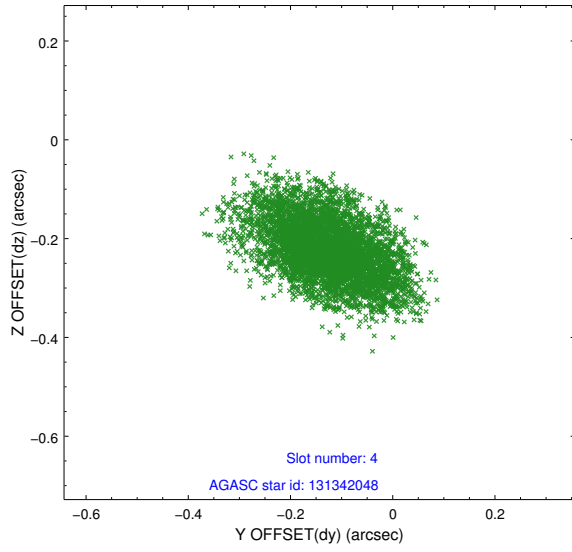
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		ACIS-S-3	7.42	2466	1.000	-0.222	-0.238	0.026	0.034	0.000000	0.000000	46.66	-1870
1	FID		ACIS-S-4	7.28	2465	1.000	0.764	0.229	0.019	0.028	0.000000	0.000000	2147.75	167
2	FID		ACIS-S-5	7.26	2467	1.000	-0.569	0.018	0.011	0.020	0.000000	0.000000	-1819.12	161
3	GUIDE	used	131335808	8.14	4931	1.000	0.168	0.570	0.107	0.180	266.583911	12.662113	-2031.97	-1040
4	GUIDE	used	131342048	7.00	4934	1.000	-0.126	-0.224	0.101	0.168	266.383019	13.019537	-1399.93	282
5	GUIDE	used	131344864	8.44	4929	1.000	0.121	0.387	0.100	0.168	267.220346	12.878811	-91.31	-2395
6	GUIDE	used	131346336	7.67	4934	1.000	-0.030	-0.135	0.086	0.148	266.251786	13.024768	-1652.45	667
7	GUIDE	used	131867256	8.01	4933	1.000	-0.133	-0.608	0.093	0.146	266.405808	13.485032	7.07	1195

2.4 Star Slots

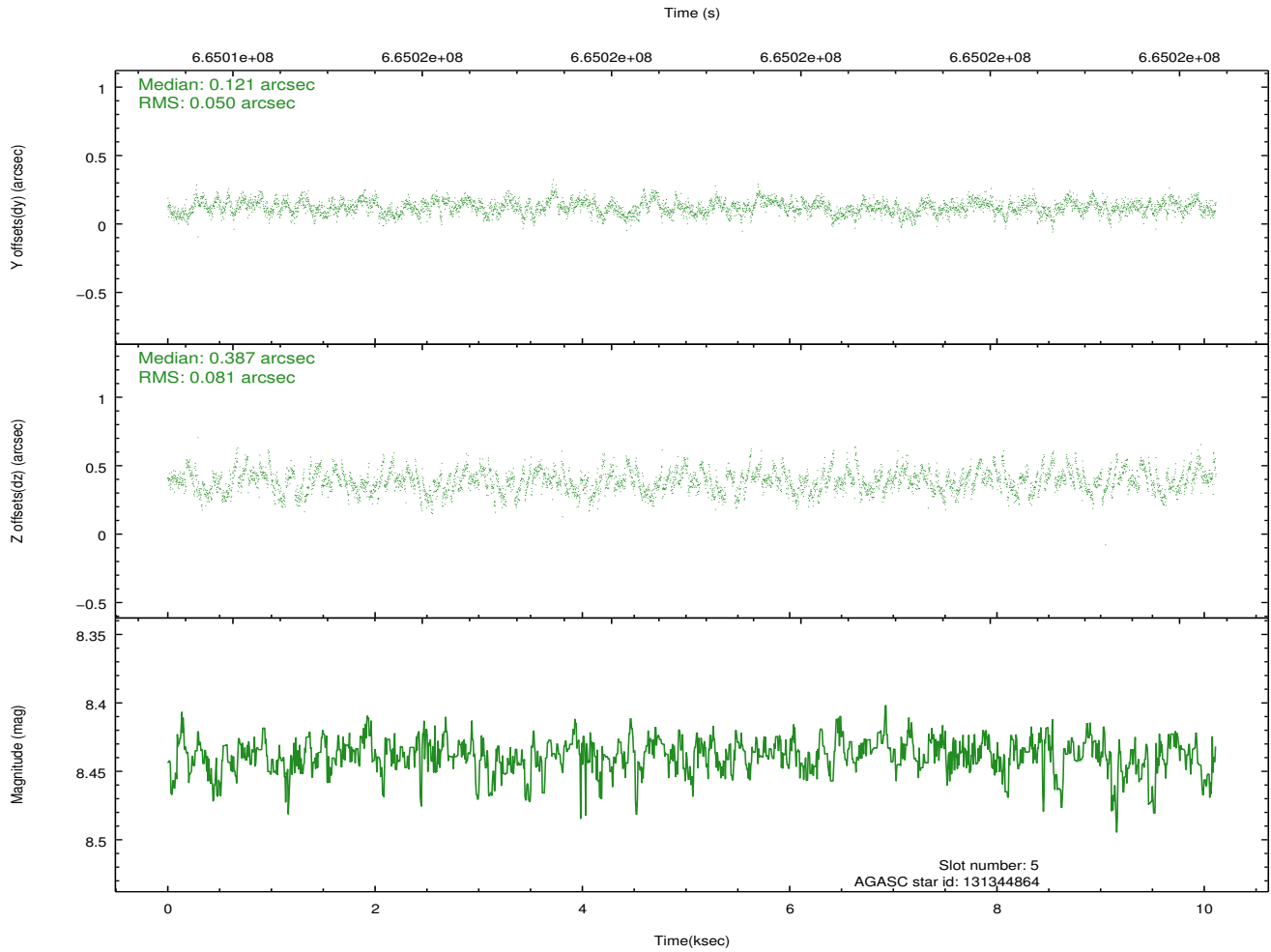
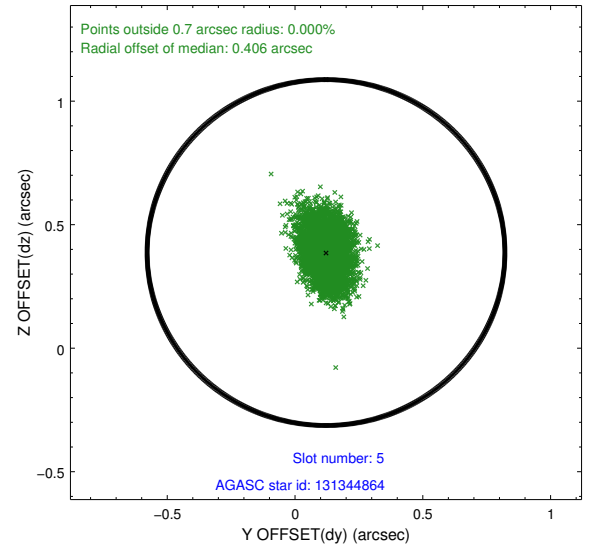
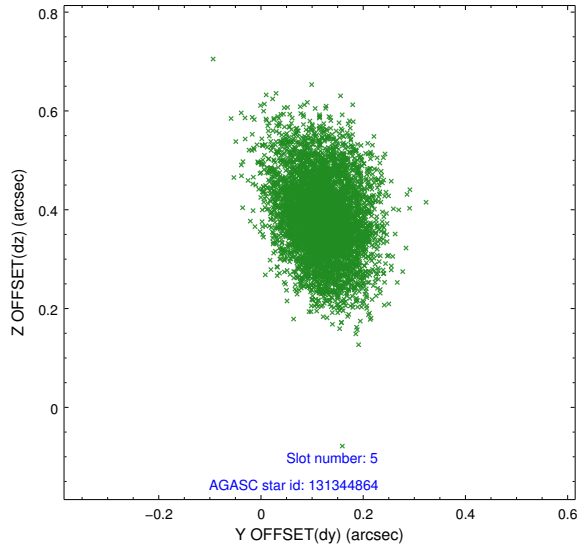
2.4.1 Slot 3



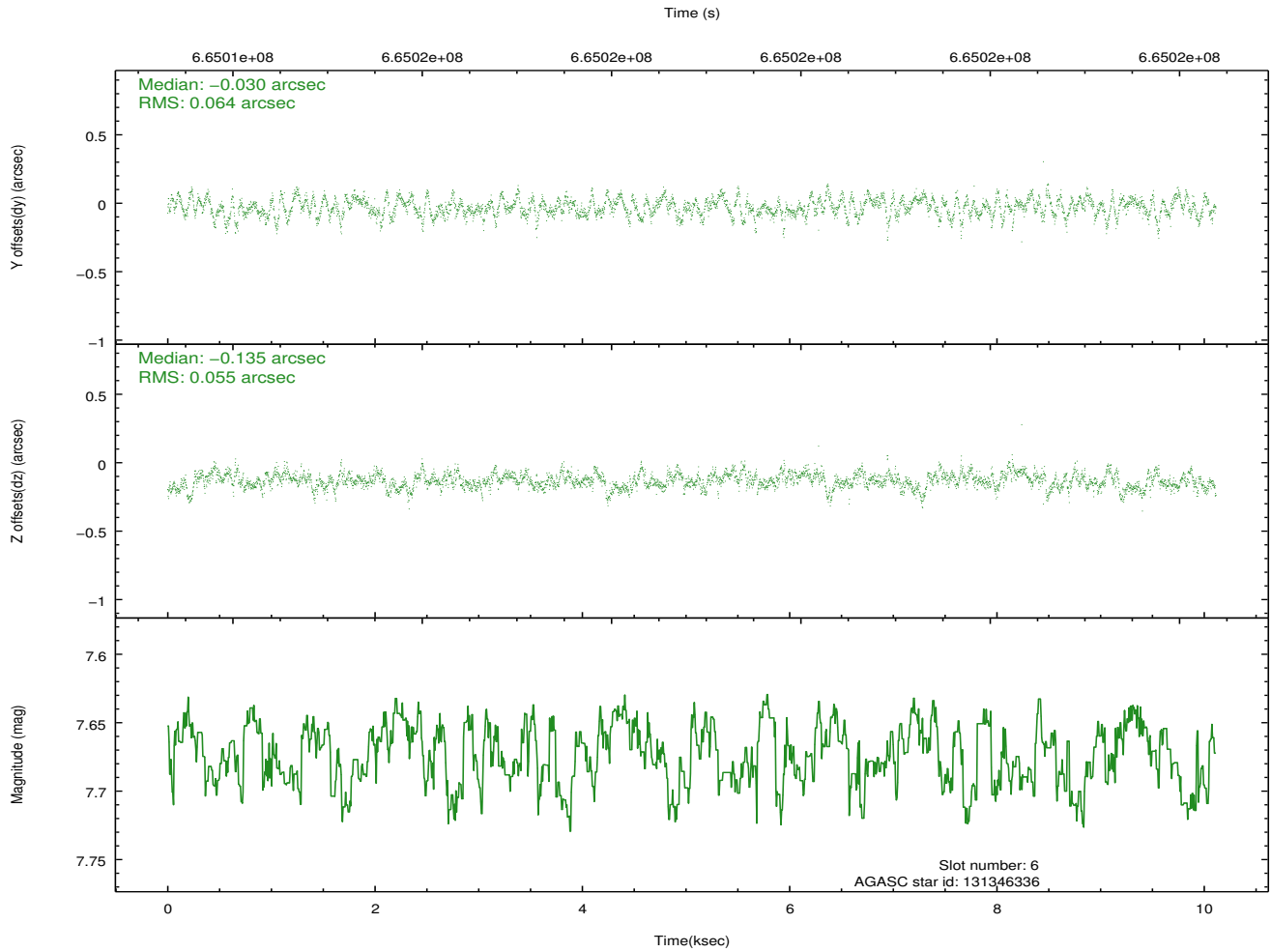
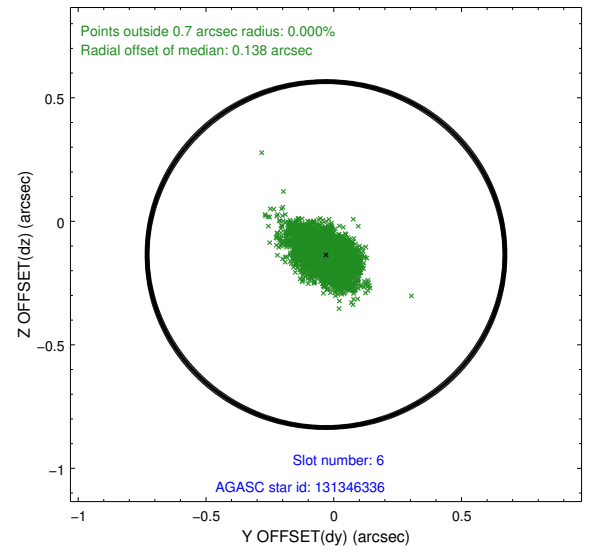
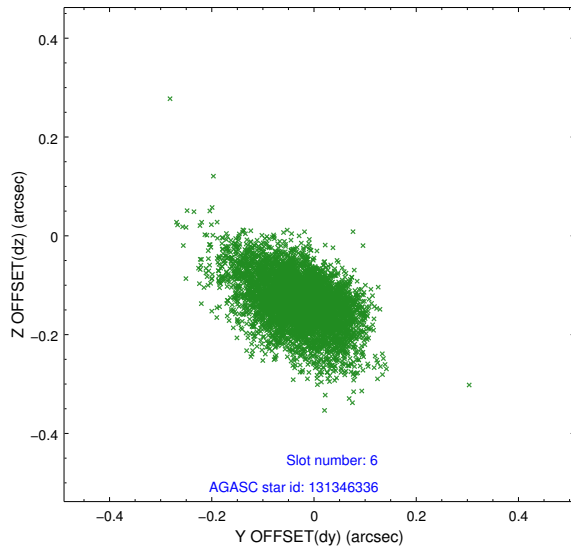
2.4.2 Slot 4



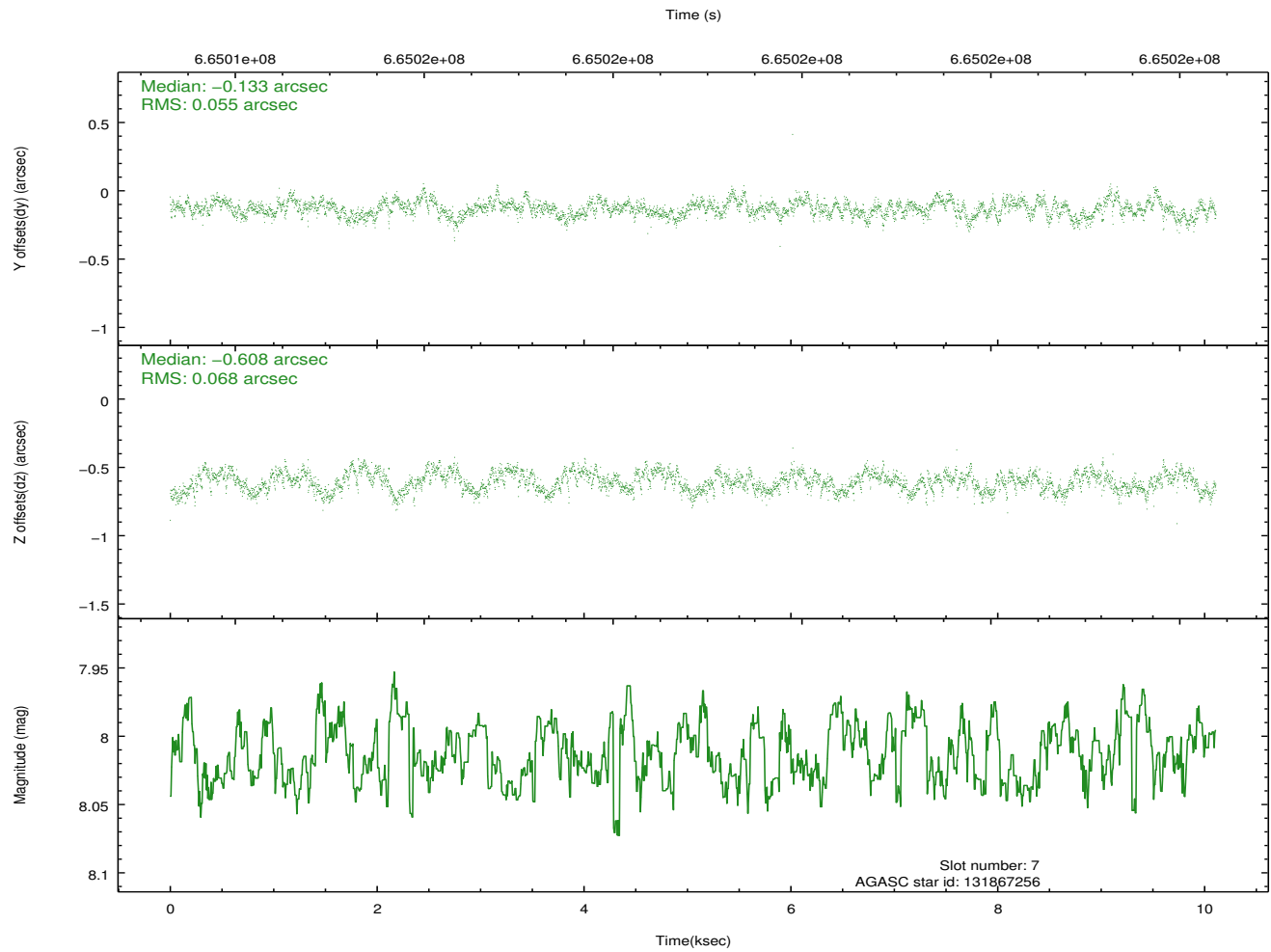
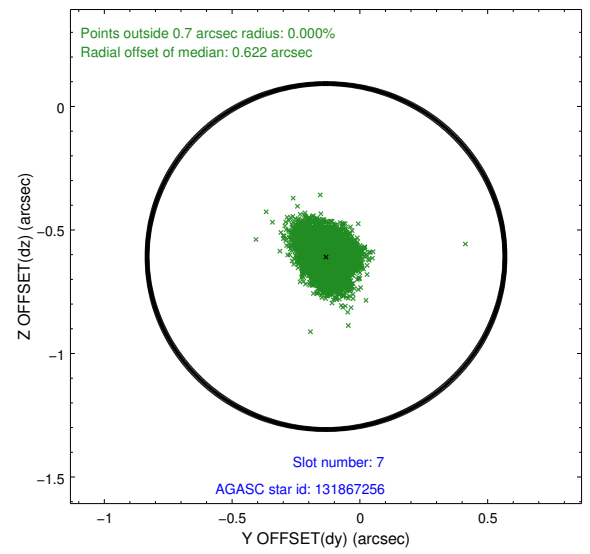
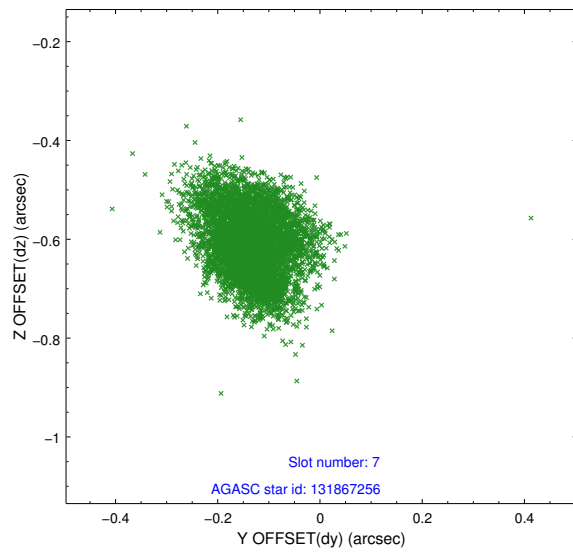
2.4.3 Slot 5



2.4.4 Slot 6

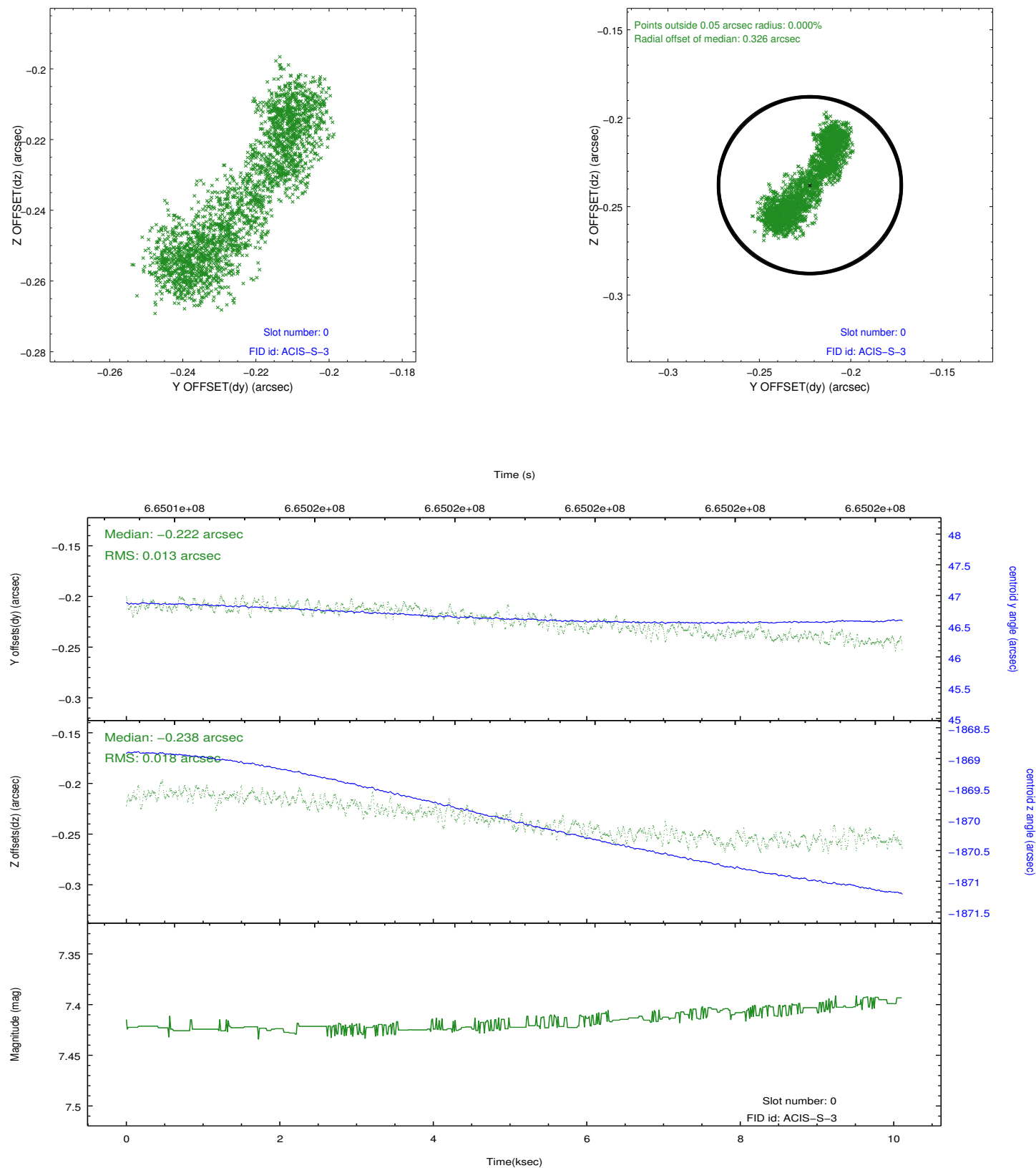


2.4.5 Slot 7

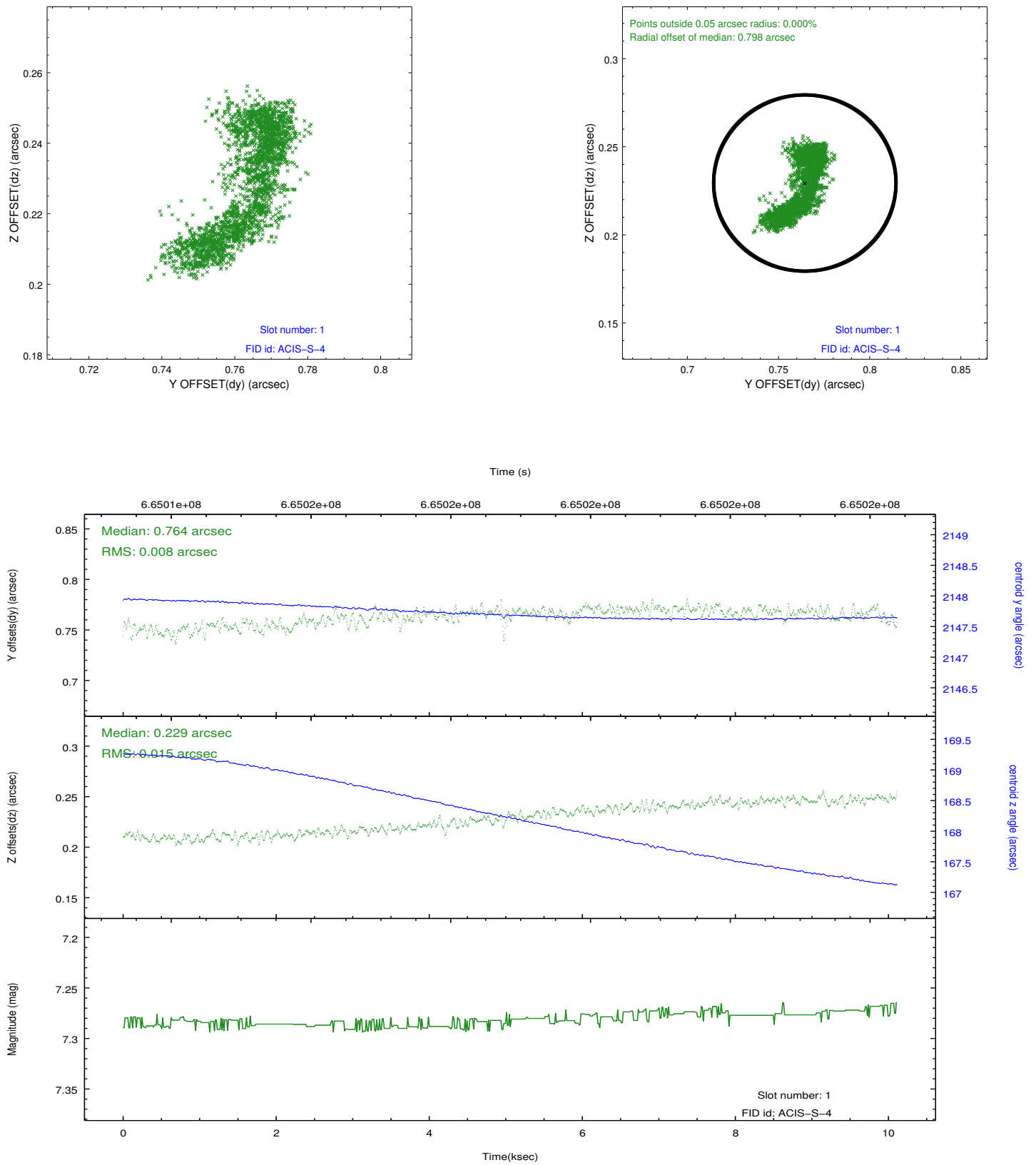


2.5 FID Slots

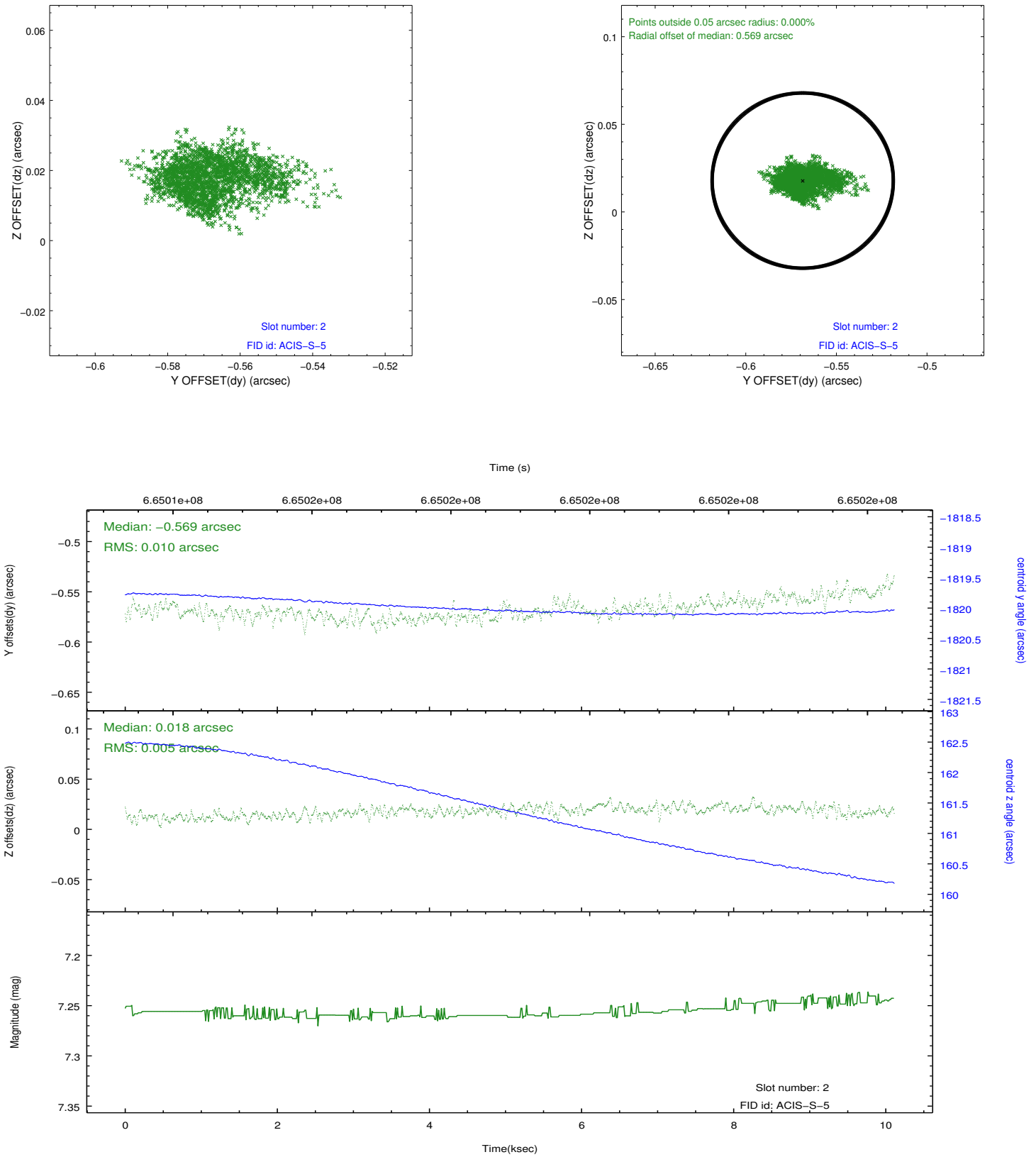
2.5.1 Slot 0



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)	2019.01.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.091197095275

A.2 Comments