

# **Question:**

### How to transmit the process point of a curve or map via ASAP3?

## Answer:

Select the corresponding variable as a Virtual Measurement Value (#MeasureCal)

There is a possibility in INCA to select Calibration parameters as Virtual Measurement Values.

Make sure that the option "Enable Measurement of Calibrations" is active.

A INCA V7.1.10/1	1			
Database Edit View Options Utilities DC	Dataset Experiment Project Device ?	T		
🧐 🖉 🔒 😪 🛍 🛣 🗶	방 방 👌 🔌 🚺 🖬 🗭 🔍 📑			
User options - User: +	X	Adjust measure options	<b>—</b> ×	
Limited EMU RAM ASAM-2MC Editor Path ③ ODX Data exchange I Experiment ④ ③ Hardware He	E-Target Calibration Session Log General Autostart Database ex Files Autocommit Import / Export	XY-Oscilloscope (outdated) XY-Oscilloscope Measuren XY-Oscilloscope Measuren General GMeasure window 🗮 Measure	YT-Oscilloscope (outdated) YT-Oscilloscope   nent Documentation MDF header preset   e table Monitoring bounds 20 Scilloscope (outdated)	
Option 2	Value	Option	Value	
Measure 3	<-General, Measure window, Oscilloscopes, Measu	MDF write compressed	No	
Calibration	<-General, Calibration , Table editor, Calibration w	Write index to measure file	No	
Name Alignment	Left	Cycle time	100	
Index Alignment	Left	Pause time [ms] for paused measurement	1000	
Adjust font in the variable views if the view size is changed	Yes	Enable multiple rasters	No	
View of search dialog	By Structure	Enable Measurement of Calibrations	Vec	
Automatic start of data visualization	No	Cycle time for measure data polling [ms]	100	
Display variables of all subfunctions	Yes	General Printer Font	Segoe III Standard 12	
		Measure file hase name (Preset)	measure	
		Measure file name date/time suffix (Preset)	suffix (Precet)	
		Measure file name date/time notition (Preset) End		
		Measure file min, digits for incr. count (Prese	assure file min digits for incr. count (Preset) 2	
		Generate config file(s) for MDA (Preset)	Vec	
		Open MDA when recording is stopped (Prese	set) No	
		open north and the color and is stopped (rise		
· · · · · · · · · · · · · · · · · · ·				
Set options for all measure windows.		Enables the creation of additional virtual devices for each ECU to support measurement of characteristic elements.		
L	OK Cancel Default		OK Cancel Default	

For further information about this functionality please refer to the INCA Online Help article *"Displaying Process Points as Measure Variables"* or search for *"MeasureCal".* 

With this function activated the Variable Selection Dialog displays additional virtual values showing the extension *".output"* and the following symbol **\***.

### Example

Once the option *"Enable Measurement of Calibrations"* was set active the Variable Selection Dialog provides virtual values, e.g. *"KL1.Output"*, additionally.

01.07.2016



This virtual value is represented both, in the Experiment Environment (e.g. in a Measure Window) as well as in the ASAP3 Window, either by "*KL1*"<sup>\*1)</sup> or by "*KL1ETK-xxx : 1#MeasureCal*"<sup>\*2)</sup>.

\*1) Variables -> Variable name display setup... -> Show device name: no

\*2) Variables -> Variable name display setup... -> Show device name: yes



• In ASAP3 it is **not** possible to use the rasters "Leading\_ALL" and "Leading\_X".



• In case the virtual value is already selected in the Experiment, the Raster-Setting of ASAP3 Command will be ignored.

A problem will occur if one of the non-supported rasters (*Leading\_ALL, Leading\_X*) is defined in the Experiment.

• Please make sure that the "Sample Rate" in "PARAMETER FOR VALUE ACQUISITION" is set to "10" at least.

I	and the second			
30.11.2015 14:40:11,522413	Command 12: PARAMET	ER FOR VALUE ACQUISITION		
l	25	Sample rate:	100	
l	19 A.	# of values:	3	
l		Value 0:	Fanili_t	
l	7	Value 1:	Fan <sup>®</sup> '_'®'_	
		Value 2:	Fan _inf	
	30.11.2015 14:40:11.753674	Answer for command12: I	or command12: PARAMETER FOR VALUE ACQUISITION	
l	1	Status:	Oh -> Success	

• In case the corresponding calibration element is selected in INCA-Experiment and the Process Point is activated, the raster is automatically set to 100 ms.

In case of further questions:

You will find further FAQ here: www.etas.com/en/faq Please feel free to contact our Support Center, if you have further questions. Here you can find all information: http://www.etas.com/en/hotlines.php

01.07.2016



### 342720922 / 434709378 / 1

This information (here referred to as "FAQ") is provided without any (express or implied) warranty, guarantee or commitment regarding completeness or accuracy. Except in cases of willful damage, ETAS shall not be liable for losses and damages which may occur or result from the use of this information (including indirect, special or consequential damages).

© ETAS GmbH 2016. All rights reserved, also regarding any disposal, exploitation, reproduction, editing, distribution, as well as in the event of applications for industrial property rights.

01.07.2016