



C E R T I F I C A T E

Certificate registration number: G3.1511.054.1.B

Certificate holder: Texas Instruments Inc.

Platform designation: TMDSPCKITV4-ARIB,
Hardware version TMDSPCKITV4-ARIB, Firmware version 7.6.5.11

Certification date: November 2nd, 2015

This certificate indicates the above mentioned platform successfully completed certification testing with regards to the reference specification ITU G.9903 (05-2013) plus the changes listed in the annex to this certificate.

The certificate applies to certification profile Japan Route B and the device was configured as a PAN-Coordinator.

Test cases have been performed as described in the test reports referred to below. This certificate is granted on account of tests conducted by TÜVRheinland in Yokohama, Japan in August 2015. The results and remarks can be found in the complete test reports.

Table with 3 columns: Applied tests, Performed by, Document evidence. Row 1: Conformance and interoperability testing according to the test specification referenced by the test report, TÜVRheinland, Test report #50033314001

The device tested is a G3-PLC platform: a solution providing an implementation of the G3-PLC specification. This certificate is valid from November 2nd, 2015.

The certificate is only applicable to the platform described above and permits the use of the G3-PLC™ logo as laid down in the G3-PLC logo license agreement. The certificate may only be reproduced in full.

This certificate does not imply assessment of the production. This certificate shall not be defined, or used as a guarantee covering quality of a product which includes G3- PLC. The liability of the Alliance and the test laboratory or any of her representatives is excluded for any damages or losses of the certified company.

Paris, November 2nd, 2015

For the G3-PLC Alliance:

Marc Boillot
Chairman

Madeleine Francillard

Madeleine Francillard
Chair Certification Program





Annex 1: Reference Version for Certification

The reference version for this certificate is:

Recommendation ITU-T G.9903 (05-2013)

- + CCTT_121: Correction of Beacon payload encoding
- + CCTT_122: Japan HEMS requirements for ID_S and ID_P
- + ETT_DLL30 and ETT_DLL32: Routing disabling
- + ETT_PHY14: Interleaver fix (conditional swapping)
- + CCTT_171: Implementation of MAC security solution F2



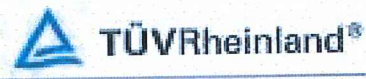
Annex 2: Protocol Implementation Conformance Statement (PICS)

Feature implementation statement

Name	Value	Description
BAND_PLAN	ARIB	Indicate the band-plan supported by the device.
FEATURE_PAN_COORDINATOR	TRUE	Indicate if the device is a PAN-Coordinator (true) or a normal device (false)
FEATURE_COHERENT_MODULATION	FALSE	Indicate if coherent modulation is supported
FEATURE_EAP_SERVER	TRUE	Indicate if an EAP-PASK server is implemented by the DUT. Apply only if FEATURE_PAN_COORDINATOR=true
FEATURE_D8PSK_MODULATION	FALSE	True / False
FEATURE_ROUTING	FALSE	Indicate if the routing is implemented by the IUT
FEATURE_SECURITY	F2	Indicate the security implemented by the device. Possible values are: F1, F2.
FEATURE_ACTIVE_SCAN	FALSE	Indicate if the active scan process is done by the IUT after power-up

Annex 3: Copy of test report cover sheet

Produkte
Products



Prüfbericht - Nr.: 50033314 001 <small>Test Report No.</small>		<small>Seite</small> 1 <small>von</small> 18 <small>Page</small> of	
Auftraggeber: <small>Client:</small>	Texas Instruments Inc. 12500 TI Blvd Dallas, TX 75243 USA		
Gegenstand der Prüfung: <small>Test item:</small>	G3-PLC IC Evaluation Board		
Bezeichnung: <small>identification:</small>	TMDSPLCKITV4-ARIB	Serien-Nr.: <small>Serial No.</small>	none (internal 005)
Wareneingangs-Nr.: <small>Receipt No.:</small>	A000260899	Eingangsdatum: <small>Date of receipt:</small>	2015-08-11
Zustand des Prüfgegenstandes bei Anlieferung: <small>Condition of test item at delivery:</small>	Test item complete and undamaged		
Prüfart: <small>Testing location:</small>	TÜV Rheinland Japan Ltd. Global Technology Assessment Center 4-25-2 Kita-Yamata, Tsuzuki-ku Yokohama 224-0021, Japan		
Prüfgrundlage: <small>Test specification:</small>	G3-PLC Conformance L1-L2 Tests Suite Specification v0.14 G3-PLC 1-to-1 Interoperability Tests Suite Specification v0.9 G3-PLC Certification Test Procedures v1.4		
Prüfresultat: <small>Test Result:</small>	Der Prüfgegenstand entspricht oben genannter Prüfgrundlage(n). The test item passed the test specification(s).		
Prüflaboratorium: <small>Testing Laboratory:</small>	TÜV Rheinland Japan Ltd. Global Technology Assessment Center 4-25-2 Kita-Yamata, Tsuzuki-ku Yokohama 224-0021, Japan		
geprüft/ tested by:		kontrolliert/ reviewed by:	
2015-08-28	Olga Kozoruk	2015-08-30	Tran Thanh Tam
<small>Datum</small>	<small>Name/Stellung</small>	<small>Datum</small>	<small>Name/Stellung</small>
<small>Date</small>	<small>Name/Position</small>	<small>Date</small>	<small>Name/Position</small>
Sonstiges / Other Aspects:			
Abkürzungen:	OK, Pass = entspricht Prüfgrundlage Fail = entspricht nicht Prüfgrundlage NA = nicht anwendbar	Abbreviations:	OK, Pass = passed Fail = failed NA = not applicable
<p><small>Dieser Prüfbericht bezieht sich nur auf den o.g. Prüfgegenstand und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. This test report relates to the a. m. test item. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark on this or similar products.</small></p>			