C E R T I F I C A T E

Certificate registration number: G3.1910.325.2.C3

Certificate holder: Honeywell

Product designation: HS330SH2LAT1,
Hardware version V2.3, Firmware version V096211

Certification date: October 25th, 2019

This certificate indicates the above mentioned product successfully completed certification testing with regards to the reference specification ITU G.9903 (08-2017). The optional feature coherent mode of the G3-PLC protocol is also covered by this certification.

The certificate applies to certification profile FCC Multipurpose Worldwide and the device was configured as a PAN-Device.

Test cases have been performed as described in the test report referred to below. This certificate is granted on account of tests conducted by Laboratoire des Applications Numériques (LAN) in Tauxigny, France in August 2019. The results and remarks can be found in the complete test report.

Applied tests	Performed by	Document evidence
Conformance, interoperability and performance testing according to the test specification referenced by the test report	Laboratoire des Applications Numériques (LAN)	LAN18AF087

The device tested is a G3-PLC FCC 1-phase meter. The product is equipped with the G3-PLC certified platform ST8500 with certificate no. G3.1806.215.1.C3. Modifications of the platform have been done by the platform manufacturer. The Protocol Implementation Conformance Statement in the Annex includes the PICS related to performance and is an integral part of this certificate. This certificate is valid from October 25th, 2019.

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

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, October 25th, 2019

For the G3-PLC Alliance:

Marc Delandre
Chairman

Madeleine Francillard
Chair Certification Program

Annex 1: Protocol Implementation Conformance Statement (PICS)

Feature implementation statement

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

Annex 2: Protocol Implementation Conformance Statement (PICS)

PICS related to performance (1/2)

The device tested is a G3-PLC FCC 1-phase meter. Testing was performed on phase 1.

Operating voltage applied for certification testing was 230V/50Hz.

Name	Value	Unit	Description
PICS related to performance are available through vendor only.			

Annex 2: Protocol Implementation Conformance Statement (PICS)

PICS related to performance (2/2)

Name	Value	Unit	Description
PICS related to performance are available through vendor only.			

Annex 3:
Copy of test report cover sheet

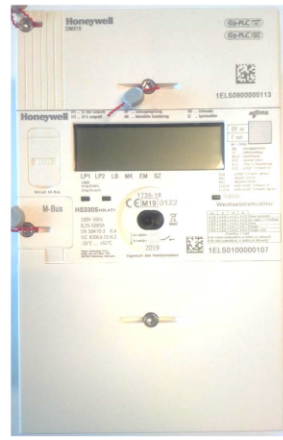
G3-PLC Alliance

G3-PLC Product Certification Test Report

Vendor Name	HONEYWELL
Model Name	HS330SH2LAT1
Serial N°	**1ELS0100000107**
HW version	**V2.3**
FW version	**V096211**
Test Report #	**TR_LAN18AF087 Ed.00**
Date	**October 16, 2019**

CONF Tests Specification	**version 0.25.**	**13/09/2017**
CONF Tests Suite	**version 2.6.**	**10/2017**
IOT Tests Specification	**version 0.10.**	**08/09/2017**
IOT Tests Suite	**version 2.3.**	**09/2017**
PERF Tests Specification	**version 0.25.**	**28/09/2018**
PERF Tests Suite	**version 2.6p1.**	**02/2018**
Test Tool	**version 1.8**	
Tester Modem	**version 1.10**	
Certification Test Procedures	**version 1.14**	**21/08/2019**

Certification Profile	**C (FCC)**
Role	**Meter**
Overall Verdict	**PASS**



Initiation	Date	Description of modification	Ed.
Omar DIOUF	October 16, 2019	Creation	00

	Realised by	Checked by	Approved by
Name	Omar DIOUF	Vincent BUCHOUX	Thierry DOLIGEZ
Date	October 16, 2019	October 16, 2019	October 16, 2019
Sign