



C E R T I F I C A T E

Certificate registration number: G3.1812.268.1.D

Certificate holder: Maxim Integrated

Platform designation: ZENO,
Hardware version MAX79356, Firmware version 14.4.3

Certification date: December 20th, 2018

This certificate indicates the above mentioned platform successfully completed certification testing with regards to the reference specification ITU G.9903 (08-2017) plus the changes listed in an annex to this certificate.

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

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 December 2018. The results and remarks can be found in the complete test report.

Applied tests	Performed by	Document evidence
Conformance and interoperability testing according to the test specification referenced by the test report	Laboratoire des Applications Numériques (LAN)	LAN18AF096

The device tested is a G3-PLC platform: a solution providing an implementation of the G3-PLC specification. This certificate is valid from December 20th, 2018.

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.

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, December 20th, 2018

For the G3-PLC Alliance:


Bernard Lassus
Chairman



Madeleine Francillard
Chair Certification Program





Annex 1: Reference Version for Certification

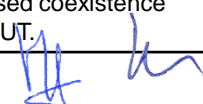
The reference version for this certification is ITU-T G.9903 (08-2017)
+ CCTT #210: Number of tones per sub-band for CENELEC B
+ CCTT #211: Clarification and corrections for CENELEC-B band

A handwritten signature in blue ink, consisting of a stylized 'H' followed by a cursive flourish.

Annex 2: Protocol Implementation Conformance Statement (PICS)

Feature implementation statement

Name	Value	Description
BAND_PLAN	CENELEC B	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	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 4: Additional details of the certified platform

Platform model name:	ZENO
Platform hardware version:	MAX79356
Platform firmware version:	14.4.3
Exact part number of all the chips running G3-PLC stack in the certified platform:	MAX79356ECM+
What each part number runs: lower MAC (incl. CSMA/CA) or PHY or other parts of the stack:	PHY+MAC+6LowPAN
Hardware version of this chip:	MAX79356
Software version running on this chip:	14.4.3
Internal CPU frequency:	90 MHz

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