



REPUBLIC OF THE PHILIPPINES
NATIONAL TELECOMMUNICATIONS COMMISSION
NTC Building, BIR Road, East Triangle, Diliman, Quezon City
Email: ntc@ntc.gov.ph; website: <http://www.ntc.gov.ph>

TYPE APPROVAL CERTIFICATE

No. ESD-CPE-2203808

This **TYPE APPROVAL CERTIFICATE** is hereby issued for the equipment described below attesting compliance with the regulatory requirement and granting authority for the use thereof in the Philippines subject to existing NTC rules and regulations.

Type of Equipment : LTE Gateway
Brand : **TELTONIKA Networks**
Model : **TRB245**
Manufacturer : TELTONIKA NETWORKS UAB, Lithuania
Applicant : TELTONIKA NETWORKS UAB
Address : 66 K. Baršausko g, Kaunas 44406, Lithuania LT-51436

Equipment RF Characteristics:

<u>Radio</u>	<u>Frequency Range/Band</u>	<u>Power Output</u>	<u>Modulation Type</u>
GSM	: 900/1800 MHz	33 dBm	GMSK, 8PSK
WCDMA	: I/VIII	24 dBm	QPSK, 16QAM
LTE	: 1/3/7/8/20/28/38/40	23 dBm	QPSK, 16QAM

Issued on 09 SEP 2022, Quezon City, Philippines.

OR	NO. <u>1389341</u>
	DATE <u>8-22 2022</u>
AMOUNT	P <u>55180.67</u>
JOCELYN F. MANUEL Administrative Officer I	

GAMALIEL A. CORDOBA
Commissioner

9-9-22

CONDITIONS:

1. The operating frequencies of the device shall be in accordance with the Philippines' National Radio Frequency Allocation Table (NRFAT).
2. Any change/modification of the circuitry and/or radio component that affects the above-described specifications shall render this certificate NULL AND VOID.
3. This Certificate shall be cancelled if the operation of this equipment causes harmful interference to the existing authorized radio and/or telecommunications systems.
4. This Certificate is not valid without payment of the prescribed fees and the official dry seal of this Commission.

ANO / mv

COMMISSION SECRETARY

Note: Documentary Stamp Paid

SEP 12 2022

NO ADMINISTRATIVE CASE

Supporting Documents:

1. Authorization/s:
 - 1.1 Manufacturer/applicant authorizes Teltonika Australia and its Philippine market sales representative to process the Type Approval certification.
2. Equipment Radio Specifications.
3. Equipment Photo and Data Sheet.
4. Test Report/Certificate:
 - 4.1 Safety/Health/EMC/Radio: EU Type Examination Certificate No.: RED-2240 Issue No.1
*****Nothing Follows*****