

1. Telecommunications- G/TBT/N/CAN/696 dated 5/22/2023

Notifying Member	Canada
Type of Notification	Regular notification
Economic relevance	High
Technical Relevance	Technical-New

Proposal in brief

- a. Canada has proposed an amendment to the standard RSS-252 (Issue 2) Intelligent Transportation Systems' (ITS) On -Board Units (OBUs) in the 5895 –5925 MHz Band, that sets out the certification requirements for licenses -exempt radio apparatus operating in the 5895 MHz –5925 MHz band.
- b. Equipment subject to this standard consists of licence-exempt, On-Board Units (OBUs), radio apparatus operating in the 5895 – 5925 MHz frequency band intended for use in Intelligent Transportation System (ITS) applications.
- c. Radio Standards Specification RSS-252, issue 2, Intelligent Transportation Systems' (ITS) On-Board Units (OBUs) in the 5895 – 5925 MHz Band, replaces RSS-252, issue 1, Intelligent Transportation Systems – Dedicated Short Range Communications (DSRC) –On-Board Unit (OBU), dated September 2017.
- d. The main changes in the standards are -
 - a. removed all sections from issue 1
 - b. added sections 1-5 to establish the technical parameters for Cellular Vehicle-to-Everything (C-V2X)
 - c. For equipment covered by this standard is classified as Category I equipment, either a technical acceptance certificate (TAC) issued by ISED's Certification and Engineering Bureau (CEB) or a certificate issued by a recognized certification body (CB) is required.
- e. Equipment being certified under this standard shall also comply with the general requirements set out in RSS-Gen.
- f. All measurements shall be performed in accordance with the techniques and procedures for measuring equipment provided in ANSI C63.26, American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services.

Analysis

- The proposed regulation removes all sections from issue 1 and added sections 1-5 to establish the technical parameters for Cellular Vehicle-to-everything (C-V2X). This document will be in force as of the date of its publication on Innovation, Science and Economic Development Canada's (ISED) website.