

Coverletter:

Yunex LLC wants to get FCC-Certification for C-V2X on-board unit "OBU2X US".
The device has a part 15 (Bluetooth and BLE) transmitter, a licensed module with FCC ID RI7ME910G1W3 and a C-V2X transmitter, which shall be authorized under waiver DA-23-1048.
There is also a related KDB inquiry, details are given in the operational description PAG support letter.

The unit will get the following FCC-ID: 2BGULOBUX

List of documents:

Exhibit	Thema	File
Exhibit 01	Label and placement	Label_and_placement.pdf
Exhibit 02	Waiver, upper 30 MHz	240607_Yunex OBU2X 15. 511808 D01 C-V2X Waiver v01r01.pdf
	Waiver, compliance	240607_Yunex OBU2X 16. 511808 D01 C-V2X Waiver v01r01.pdf
	Waiver, final rules	240607_Yunex OBU2X 17. 511808 D01 C-V2X Waiver v01r01.pdf
	Applicant Authorization	Yunex LLC Authorization Letter-OBU2X.pdf
	Covered List	Covered List - includes KDB 986446 v02.pdf
	US Agent for Service of Process	US_Agent_for_Service_of_process-OBU2X-US.pdf
Exhibit 03	External Photos	photos_external.pdf
* Exhibit 04	Block Diagrams	OBU81_DOC9004_Block-diagram_OBU2X-US.pdf
* Exhibit 05	Schematic Diagrams	C97043-C3081-L120-04-7411 Mainboard.pdf
		V2X_schematic_S24708-E100-B600-2-7411 V2X Module.pdf
Exhibit 06	Testreport Part 15	2023-IN-AT-TICL-E-EX-0-000131-FG-001-Rev1_signed.pdf
	Testreport C-V2X	2023-IN-AT-TICL-E-EX-0-000131-FG-002-Rev2_signed.pdf
	Testreport simul. TX	2023-IN-AT-TICL-E-EX-0-000131-FG-003-Rev1_signed.pdf
	Part 15 antenna information	Part 15 Antenna Information.pdf
Exhibit 07	Test Set-up Photos	photos_setup.pdf
Exhibit 08	User Manual	QSG_OBU2X-US_A24708-E100-A50-07.pdf
Exhibit 09	Internal Photos	photos_internal.pdf
* Exhibit 10	BOM	BOM.pdf
Exhibit 11	RF exposure	2024-AT-TC-EEE-1-EX-0-000099-FG-001_signed.pdf

* Exhibit 12	PAG Support Letter	PAG support letter.pdf
	Operational Description	Yutrafic_OBU2X-US-Datasheet_v0_2.pdf
	Additional Antenna Info	BT-Ant dimensions.pdf
	Additional Antenna Info	OBU2X-US_AUT-Report_v2.0-valid.pdf
	Calibration Procedure	CRATON2_SECTON_cut3.0_V2X_RF_System_Ca libration_Application_Note_v3.3_w.pdf
	TX Power Tolerances	OBU2X-US_RF_Power_Tolerances.pdf
Exhibit 13	Cover letter	This file
	Request for confidentiality	Confidentiality_Request-OBU2X-US.pdf
	Waiver	DA-23-1048A1.pdf

For the Exhibits marked with “*” Yunex LLC requested Long-Term Confidentiality according to 47 CFR 0.457 and 0.459 of the FCC rules because these are sensitive parts owned by this company and include much of know-how or sensitive data, it will not be provided to the public.

The labelling on some photos may be not the actual status. The correct labelling is shown on the label photo in Exhibit 1.