

Nokia Solutions and Network  
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Murray Hill, NJ 07974-0636

**August 22, 2022**

**Timco Engineering Inc.**  
**FCC Authorized Telecommunication**  
**Certification Body**  
849 N.W. State Road 45, P.O. Box 370  
Newberry, Florida 32669

**Subject: Application for Original Equipment Certification under FCC ID: VBNAEQU-01 for Nokia AirScale  
MAA 64T64R 192AE n78 200W AEQU.**

Dear Examiner:

The **Nokia AirScale MAA 64T64R 192AE n78 200W AEQU** (hereinafter referred to as “AEQU”) is the subject of this application for a new FCC Product Certification under FCC ID: VBNAEQU-01. The AEQU is a 5G-NR (New Radio) and LTE-TDD (Long Term Evolution-Time Division Duplex) transceiver and operates in **n78 – 5G NR Frequency Band – 3500 MHz TDD**.

This Class II Change is due to an alternate component change. The new components (**DPLL IC change from P452781(ZL80062) to P605657(RC38612)**) have the same basic function as the old components and only a small area of the PCB has been changed to accommodate the new chip. No change in radio parameters has occurred. Two single carrier (20 and 40 MHz) configurations were tested. Nokia Bell Labs, part of the Nokia family of companies, hereby requests this certification for 5G-NR operation.

Enclosed in this application package are the FCC 731 Form, an Agent Authorization letter, the required measurement data and other required exhibits specific to this request for a FCC Class II Change authorization of the subject product. The measurement exhibits attached to this application demonstrate full compliance with FCC Part 27 following the procedural requirements specified in FCC Part 2 Subpart J – Equipment Authorization Procedures. The supporting exhibits are assembled and presented in accordance with the *Table of Contents* attached below.

Should there be any questions or procedural issues please feel free to contact me by email and/or phone.

Sincerely,

A handwritten signature in blue ink, appearing to read "Raymond J. Johnson".

Raymond J. Johnson

Technical Manager

Nokia Global Product Compliance Laboratory

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Filing Engineer

A handwritten signature in blue ink, appearing to read "Nilesch Patel".

Nilesch Patel

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Phone: 630-557-6178

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Confidentiality Request Letter

Agent Authorization Letter

Required Exhibits:

### Exhibit

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2	Section 2.911(d)	Qualifications and Certifications
3	Section 2.1033(c)(21)	Photographs of the Test Setups
4	FCC Test Report	
5	Section 2.1033(c) (10)	Schematic Diagrams
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