



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

Nokia Global Product Compliance Laboratory
600-700 Mountain Avenue, Room 5B-111

September 03, 2020

Subject: Application for Class II Permissive Change to FCC ID: VBNAHHB-01 for Nokia Airscale Base Station Operating in Band 7

Dear Examiner:

The Nokia Solutions and Networks Airscale Base Station (hereinafter referred to as "AHHB") is the subject of this application for a FCC Class II Permissive Change to the Product Certification under FCC ID: VBNAHHB-01. The AHHB is a LTE-FDD (Long Term Evolution-Frequency Division Duplex) transceiver and operates in Band 7 MISCELLANEOUS WIRELESS COMMUNICATIONS SERVICES spectrum (2620 – 2690MHz).

This Class II Permissive Change is to add 5G-NR capability for 5, 10, 15, and 20 MHz Single Carriers, and 20 +20 MHz Multicarrier operation to the existing Grant. Nokia Bell Labs, part of the Nokia family of companies, hereby requests this certification for 5G-NR operation.

The key data for this Class II Change are summarized below.

FCC ID:	VBNAHHB-01
FCC Rules:	Part 27
Frequency Range:	E-UTRAN Band 7, 2620 – 2690 MHz
Output Power:	40 Watts per port with Single Carrier operating in 4T4R mode.
Frequency Tolerance:	± 0.05 ppm

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,



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Required Exhibits:

<u>Exhibit Number</u>	<u>FCC Rule Number</u>	<u>Description</u>
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2	Section 2.911(d)	Qualifications and Certifications
11	Section 2.1033(c)(21)	Photographs of the Test Setups
12		FCC Test Report