Nokia Global Product Compliance Laboratory
600-700 Mountain Avenue, Room 5A-107
Murray Hill, NJ 07974, USA
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Timco Engineering Inc.
FCC Authorized Telecommunication Certification Body
849 N.W. State Road 45, P.O. Box 370 Newberry,
Florida 32669

Subject: Application for Class II Permissive Change under FCC ID: 2AD8UFW2IMBOM1 for Flexi Zone MBO B66 RF Transceiver

Dear Examiner:

The Nokia Solutions and Networks **Flexi Zone MBO B66 RF Transceiver** is the subject of this application for a Class II Permissive Change under FCC ID: **2AD8UFW2IMBOM1**. The **Flexi Zone MBO B66 RF Transceiver** (MBO B66) is a LTE Transceiver supporting a carrier bandwidth of 5/10/15/20 MHz and a maximum RF power output capability of 5W at each of its 2 MIMO transmit port outputs. The MBO B66 transceiver module, the subject of this application, is always co-located with an MBO digital system (host) module.

The Nokia Flexi Zone Multiband Outdoor Micro Base Station (MBO) is a small cell that consists of a common digital system module (host) and up to two LTE (Long Term Evolution) RF transceiver modules in various combinations. The **Flexi Zone MBO B66 RF Transceiver** is one of the LTE RF transceiver Modules. Additionally, an optional RF module (LAA RF Module). Each RF transceiver module supports 2 Tx/Rx branches. The purpose of this Class II Permissive Change is to add NBIoT Guard Band and NBIoT Inband operation for the 10 and 20 MHz carrier bandwidth modes for the **Flexi Zone MBO B66 RF Transceiver** (MBO B66). The Emissions Designator is obtained from the Guard Band test data.

The key data are summarized below.

FCC ID:	**2AD8UFW2IMBOM1**
FCC Rules:	**Part 27**
Frequency Range:	**Transmit 2110-2180 MHz (AWS Blocks A-B-C-D-E-F-G-H-I-J)**
Output Power:	**0.079 to 5 Watts per output**
Frequency Tolerance:	**± 0.05 ppm**
Emission Designators:	**8M93F9W, 17M8F9W**

Enclosed in this application package are FCC 731 Form, agent authorization letter, the required measurement data and other required exhibits specific to this request for 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 at +1 908 679-5014 .

Sincerely,

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Reviewed by:

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