



Alcatel-Lucent USA  
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**December 15, 2015**

Timco Engineering Inc.  
Telecommunication Certification Bodies  
849 NW State Road 45  
Newberry, Florida 32669

**Subject: Application for Class II Permissive Change under FCC ID: AS5BBTRX-06 to Add 5+5 MHz Configuration.**

**Dear Examiner:**

The initial/original Grant of Equipment Authorization Certification for the LTE RRH 2x40 07L-AT under FCCID: AS5BBTRX-06 was issued on 9/26/2012. The original submittal covered the single carrier configuration for both 5 MHz and 10 MHz carriers, in 2x40W MIMO (Multiple Input Multiple Output) mode. This Class II Permissive Change requests an authorization for the addition of 5+5 MHz configuration. There are no modifications in the equipment hardware, the maximum output power, modulation characteristics and transmitting and receiving frequency ranges.

The **LTE RRH 2x40 07L-AT, under FCC ID: AS5BBTRX-06** is designed to be operated and marketed as an RF cabinet system with a radio, amplifier and filter combination and Long Term Evolution (LTE) technology, for use in Domestic Miscellaneous Wireless Communication Services (WCS).

Each RRH contains two identical Transceiver paths with its own RF Transceiver filter. Each transceiver outputs 40W maximum of at its External Antenna Connector (EAC) port. The RRH typically operated in MIMO mode using 2x2 antennas.

In accordance with Sec. 2.1043 Changes in Certificated Equipment, only the characteristics affected by the changes need to be reported. As such, the applicable measurements affected are contained in the Test Report Exhibits, and all other Exhibits submitted with the initial/original filing, that remain unchanged will not be resubmitted. All initial exhibits that were granted permanent confidentiality and are unchanged, continue to remain confidential, and will not be repeated with this submission.

**The data summarized below is in the form presently used by the Commission's Radio Equipment List.**

<b>Manufacturer</b>	<b>Alcatel-Lucent, Inc.</b>
<b>Equipment Identification</b>	<b>AS5BBTRX-06</b>
<b>Rules Part Number</b>	<b>27</b>
<b>Frequency Range</b>	<b>729 to 745 MHz</b>
<b>Output Power</b>	<b>+3 dBm (.002W) to +46dBm (40W)</b>
<b>Frequency Tolerance</b>	<b>+/- 0.001 ppm</b>
<b>Emission Designator</b>	<b>5M00F9W</b>

Enclosed in this application package are the FCC Application Form 731, Table of Contents, and the required exhibits. These exhibits contain the technical data and the required statements and documents for the Class II Permissive change. The technical contact at Alcatel-Lucent will comply with any request for additional information should the need arise.

The fees are submitted as required for radio equipment certification filing.

Sincerely,

A handwritten signature in black ink, reading "Raymond F. Johnson". The signature is written in a cursive style with a large, stylized "R" and "J".

R.J. Johnson  
Technical Manager  
FCC Compliance Test Group