Alcatel·Lucent

Timco Engineering Inc.
FCC Authorized Telecommunications
Certification Body (TCB)

Alcatel-Lucent USA Inc.
Building 28-114H
600 Mountain Avenue
Murray Hill, NJ 07974

December 23, 2013

Sid Sanders - President
Timco Engineering Inc.
849 N.W. State Road 45
P.O. Box 370
Newberry, Florida 32669

Dear Mr. Sanders
The Alcatel-Lucent **AWS LTE 9765 Metro Cell Outdoor** Transceiver System (**9765 MCO**) is the subject of this request for a FCC Product Certification under **FCC ID: AS5BBTRX-17.** The **AWS LTE 9765 Metro Cell** is a 45 MHz bandwidth LTE Transceiver with a power output capability of 5 W at each of its 2 MIMO transmit port outputs. Alcatel-Lucent hereby requests this certification for the **10M00F9W** emissions designator. This emissions designator supports operation under the 3GPP2 Long Term Evolution (LTE) communication standard. This is a new design and all of the required supporting exhibits are attached.

This application is for **9765 MCO** operation using the **10M00F9W** Emissions designator in the Broadband AWS spectrum for Blocks A through G. The measurement exhibits attached to this application demonstrate full compliance with FCC Part 24 Subpart E Broadband AWS following the procedural requirements specified in FCC Part 2 Subpart J – Equipment Authorization Procedures. The data, summarized below, is in the form presently used by the Commission's Radio Equipment List.

Equipment Identification:	**AS5BBTRX-17**
Rules Part Number:	**Part 27 SubPart E – Broadband AWS**
Frequency Range:	**Transmit 2110-2155 MHz (AWS All Blocks A-F)**
Output Power:	**0.05 to 5 Watts per output**
Frequency Tolerance:	**± 0.05 ppm**
Emission Designator:	**10M00F9W**

Attached are the FCC Form 731 (Application for Equipment Authorization – Radio Frequency Devices), the required measurement data and exhibits specific to this request for authorization of the **AWS LTE 9765 Metro Cell**. The technical or non-technical contact at Alcatel-Lucent will comply with any request for additional information should the need arise. The attached exhibits with the applicable FCC Rule section are assembled and presented in accordance with the *Table of Contents* attachment. Included is a formal letter requesting confidentiality for the following exhibits:

Exhibit #	FCC Rule Section	Exhibit Title
Exhibit 4	Section 2.1033(c) (8,9)	Active Circuit Devices Drive Levels, Tune-Up procedure
Exhibit 5	Section 2.1033(c) (10)	Complete Circuit Diagrams
Exhibit 6	Section 2.1033(c) (12,3)	Instruction Book
Exhibit 7	Section 2.1033(c) (10, 13)	Block Diagram, Operational Description, Circuitry for determining frequency

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

Rudolf J. Pillmeier

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Att. Table of Contents for the **AWS LTE 9764 Metro Cell Outdoor Transceiver System** Product Certification Report

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