AG GROWTH INTERNATIONAL

Date: January 3, 2017

Timco Engineering, Inc.
849 NW State Road 45
P.O. Box 370
Newberry, Florida 32669

Re: Module Antennas Conformance to FCC Equipment Authorization Grants

FCC ID: 2AKAAA01SG100
IC: 22125-A01SG100

To Whom It May Concern:

The purpose of this declaration letter is to confirm that, on equipment bearing the above-stated FCC Identifier and IC Certification Number, all antennas connected to modules will conform to the respective FCC Equipment Authorization grants that have been issued for those modules.

There are two modules installed in the equipment. The antenna selected for use with each module is of the same type and same gain as or less gain than those of the antenna approved under the original grant of each module. The following table outlines the adherence to the antenna restrictions of each module:

Module Identifiers	Antenna Restriction(s) Pursuant to the Original Grants	Manufacturer & Part Number of Selected Antenna	Frequency Range of Selected Antenna	Peak Gain(s) of Selected Antenna
FCC ID: RI7HE910 IC: 5131A-HE910	The maximum antenna gain including cable loss for compliance with radiated power limits, RF exposure requirements and the categorical exclusion requirements of 2.1091 is: • 7.43dBi for GSM850MHz band, 3dBi for PCS band, 8.45dBi for WCDMA band V, and 3dBi for WCDMA band II. • 5.22 dBi for part 22H, 3.31 dBi for part 24E and 6.45 dBi for part 27. • 5.29 dBi for 850MHz bands, 4.02 dBi for 1900 MHz bands and 6.32 dBi for 1700 MHz band. • 850 MHz: 4.14 dBi, 1700 MHz: 6.30 dBi, 1900 MHz: 3.01 dBi.	Laird MAF94301	815 - 885 MHz, 824 - 894 MHz, 880-960 MHz, 1427 - 1511 MHz, 1575 MHz, 1710-1880 MHz, 1850-1990 MHz, 1920-2170 MHz, 2400-2500 MHz, as per manufacturer datasheet	1-3 dBi as per manufacturer datasheet
FCC ID: XF6-RS9113SB IC: 8407A-RS9113SB	2.2dBi at 2.4GHz for Whip Antenna	LSR 001-0010	2400 – 2500 MHz As per manufacturer datasheet	2 dBi As per manufacturer datasheet

If further explanation or justification is required, please contact the undersigned.

Sincerely,

Tim Strydhorst

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