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Project Number: 13E4370-2

FCC ID 2AAN2K114

Prepared for:

Logpro

By

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FCC Site Registration: 92592
Industry Canada Assigned Code: 8517A

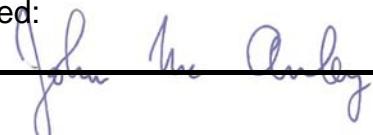
Date

15th August 2013

FCC EQUIPMENT AUTHORISATION
Test Report

EUT Description
Wireless Sensor Module K114

Authorised:

A handwritten signature in blue ink that reads 'John Mc Raby'.

List of Exhibits

1 Maximum Permissible Exposure

THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF COMPLIANCE ENGINEERING IRELAND LTD

RF Exposure Exhibit– Technical Report

Applicant Name and Address

The system covered under this authorisation report was designed, manufactured and assembled by Logpro Ltd. The company's full name and mailing address is given below:

Logpro Ltd
Moyra
Falcaragh
Co. Donegal
Republic of Ireland

Model Name

The model number for the EUT covered under this application report is:

Wireless Sensor Module K114

1.0 Maximum Permissible Exposure

Prediction of MPE limit at a given distance

Equation from OET Bulletin 65

$$S = \frac{PG}{4\pi R^2}$$

where:

S = power density

P = power input to the antenna

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna

Maximum peak output power at antenna input terminal: -0.97 (dBm)

Maximum peak output power at antenna input terminal: 0.8 (mW)

Antenna gain(typical): 2.15 (dBi)

Maximum antenna gain: 1.64 (numeric)

Prediction distance: 20 (cm)

Prediction frequency: 913 (MHz)

MPE limit for uncontrolled exposure at prediction frequency: 0.6 (mW/cm²)

Power density at prediction frequency: 0.0026 (mW/cm²)

Maximum allowable antenna gain: 33.6 (dBi)