

Murandi
Communications Ltd.
Innovative Radio Frequency Solutions

MLink FCC and IC Labels

Revision – Rev 1

Mar 4, 2014

Murandi Communications Ltd.

106, 4715 - 13th St. NE, Calgary, Alberta, Canada, T2E 6M3

Tel: (403) 777-9988

email murandi@murandi.com

Fax: (403) 777-9989

www.murandi.com

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Table of Contents

1	REVISION HISTORY	2
2	ABBREVIATIONS.....	2
3	REFERENCE DOCUMENTS.....	3
4	INTRODUCTION.....	3
5	LABEL.....	3
6	COMPLIANCE STATEMENT	4
7	EXAMPLE PICTURE	5
8	REVISIONS.....	5

1 Revision History

Revision	Date	Description
Draft	Feb 10, 2014	Initial release
Rev 1	Mar 4, 2014	Add additional labels for various models.

The details of each revision are captured in Revision Details Section 6.

2 Abbreviations

Abbreviation	Description
Attn	attenuator
BW	bandwidth
dB	decibel
dBc	decibel relative to carrier power
dBi	decibel relative to an isotropic antenna
dBm	decibel relative to 1 milliwatt
FCC	federal communications commission
FHSS	frequency hopping spread spectrum
GPS	global positioning system
IC	Industry Canada
ISM	industrial, scientific and medical
ISR	interrupt service routine
kHz	kilohertz
LCD	liquid crystal display
LED	light emitting diode
LNA	low noise amplifier
mA	milliampere
mcd	millicandle
MHz	mega-hertz
mm	millimeter
msec	millisecond
mV	millivolt
PA	power amplifier
PLL	phase locked loop
ppm	parts per million

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Abbreviation	Description
RBW	resolution bandwidth
RF	radio frequency
RTC	Real time clock
TBC	to be confirmed
TBD	to be determined
TRP	total radiated power
μA	microampere
TDD	Time division duplex
UART	universal asynchronous receiver/transmitter
V	volts
W	width

3 Reference Documents

1. Pictures (IMG_1673.jpg, IMG_1677.jpg, IMG_1680.jpg, IMG_1682.jpg, IMG_1684.jpg, & IMG_1695.jpg)

4 Introduction

This document contains information regarding the FCC and IC labels for the Murandi Communications MLink 900 MHz transceiver as part of the FCC & IC submission.

5 Label

The MLink module is < 2" x 2" and therefore too small accommodate the compliance statement. Therefore the compliance statement is captured on final product or User's Guide. Below is a sketch of the Label.

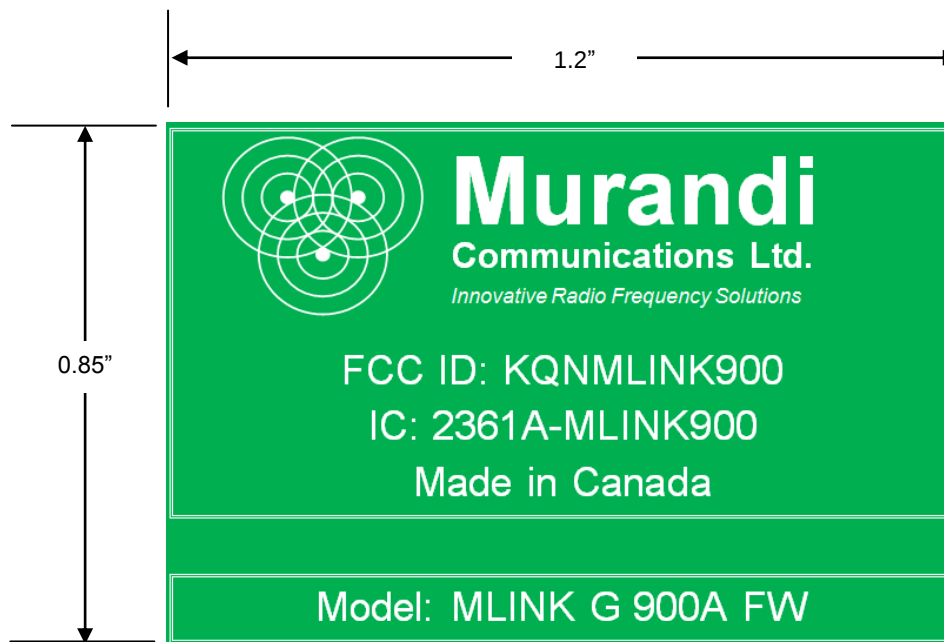


Figure 5.1 – FCC & IC Label for Integral Antenna Model

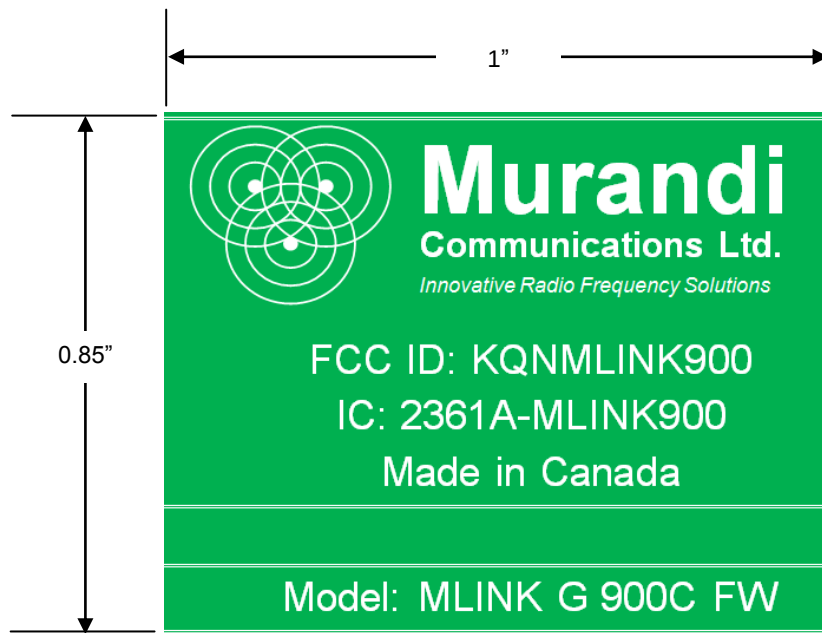


Figure 5.2 – FCC & IC Label for External Antenna Model

6 Compliance Statement

The following compliance statement will be captured on the exterior of the final product or in the User's Guide.

Manufacturer's name Brand name or Trade Name
Contains MLink 900 FCC ID: KQNMLINK900
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interferences, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Figure 6.1 – FCC Label

7 Example Picture

Example pictures of the label location on the modules are shown below.



Picture 7.1 – MLink with FCC& IC Label

8 Revisions