



Test Report: 5W38290.2

Applicant: Kolombo Technologies Ltd.
255 rue Fortin, Suite 80
Vanier, Quebec
G1M 3M2

**Equipment Under Test:
(EUT)** K-1000

FCC ID: RYAK1000100

In Accordance With: **FCC Part 15, Subpart B, 15.109**

Tested By: Nemko Canada Inc.
303 River Road, R.R. 5
Ottawa, Ontario K1V 1H2

Authorized By:

A handwritten signature in blue ink, appearing to read 'Sim Jagpal'.

Sim Jagpal, Resource Manager

Date: 17 March 2005

Total Number of Pages: 9

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EQUIPMENT: K-1000

Section 1. Summary of Test Results

General

All measurements are traceable to national standards.

These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with FCC Part 15, Subpart B. Measurement procedure ANSI C63.4-2001 was used for all tests. Radiated Emissions were measured on an open area test site. A description of the test facility is on file with the FCC.

THIS TEST REPORT RELATES ONLY TO THE ITEM(S) TESTED.

THE FOLLOWING DEVIATIONS FROM, ADDITIONS TO, OR EXCLUSIONS FROM THE TEST SPECIFICATIONS HAVE BEEN MADE.

See " Summary of Test Data".



TESTED BY: _____

Jason Nixon, Telecom Specialist

DATE: 17 March 2005

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EQUIPMENT: K-1000

Summary Of Test Data

Name Of Test	Para. No.	Results
Antenna Conducted Emissions	15.111	N/A (1)
Radiated Emissions	15.109	Complies
Powerline Conducted Emissions	15.107	N/A (2)

- (1) The antenna is not removable
(2) The apparatus is 12VDC battery powered

Test Conditions:

Indoor Temperature: 23°C
 Humidity: 12%

Outdoor Temperature: 10°C
 Humidity: 51%

EQUIPMENT: K-1000

Section 2. General Equipment Specification

Manufacturer:	M2S Electronics
Model No.:	K-1000
Serial No.:	None
Date Received In Laboratory:	January 10, 2005
Nemko Identification No.:	4
Receive Frequency:	433.92MHz (Fixed)
Antenna:	Fixed External Antenna

Section 3. Radiated Emissions

Para. No.: 15.109(a)

Test Performed By: Jason Nixon	Date of Test: March 14, 2005
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Minimum Standard:

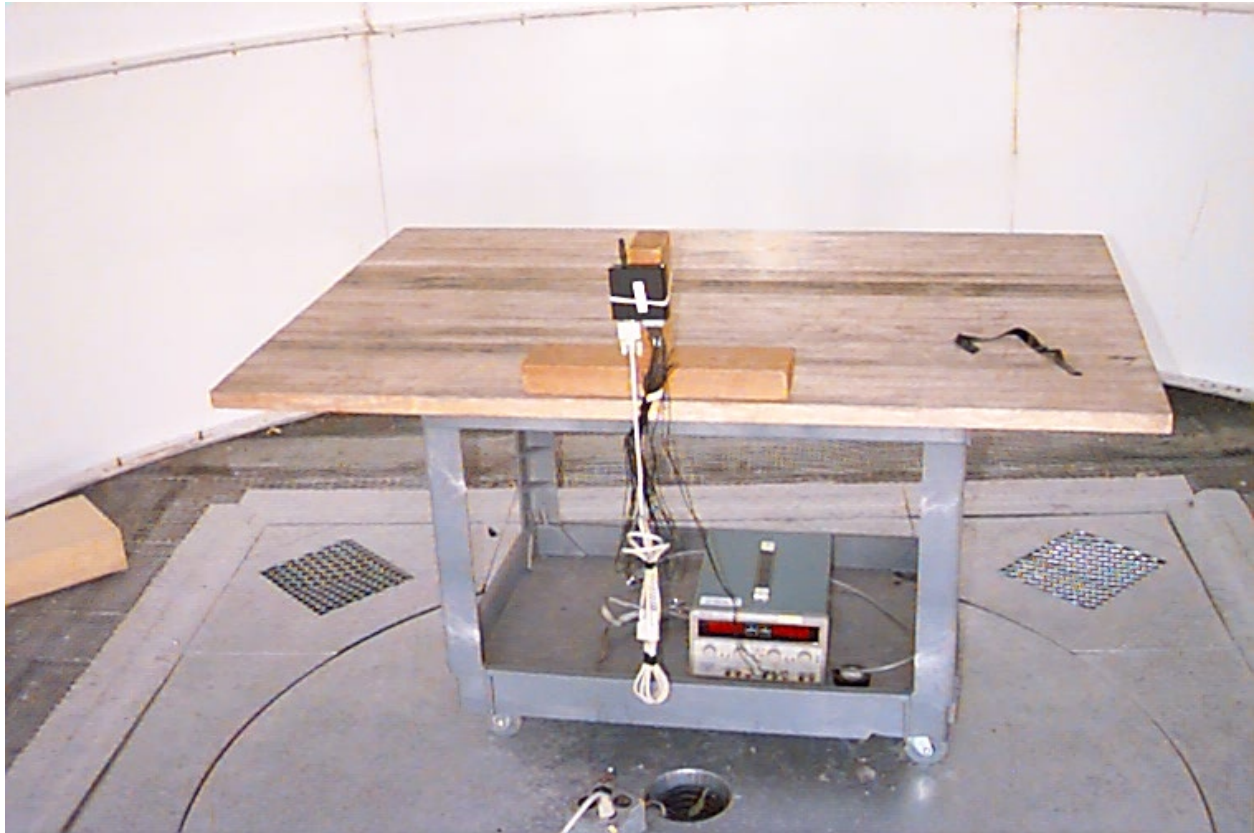
Frequency(MHz)	Field Strength (dB μ V/m @ 3m)
30 - 88	40.0
88 - 216	43.5
216 - 960	46.0
Above 960	54.0

Test Results: Complies

Measurement Data: The Spectrum was searched from 30MHz to 2GHz and no emissions greater than 20dB below the specification limit were detected.

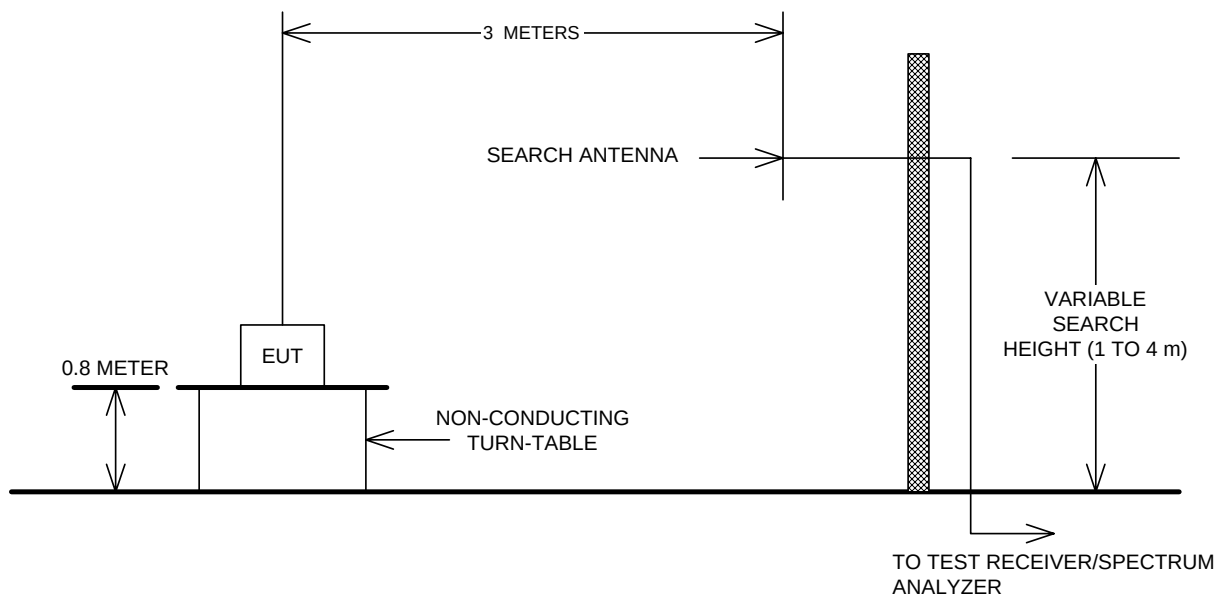
EQUIPMENT: K-1000

Set-up Photo



Section 4. Block Diagrams

Outdoor Test Site For Radiated Emissions



EQUIPMENT: K-1000

Section 5. Test Equipment List

Equipment	Manufacturer	Model No.	Asset/Serial No.	Last Cal.	Next Cal.
Receiver	Rohde & Schwarz	ESVS-30	FA001437	July 26/04	July 26/05
Biconical (1) Antenna	EMCO	3109	FA000805	April 23/04	April 23/05
Horn Antenna #1	EMCO	3115	FA000649	Dec. 22/04	Dec. 22/05
Log Periodic Antenna #1	EMCO	LPA-25	FA000477	Aug. 26/04	Aug. 26/05
1.0 – 2.0 GHz Amplifier	JCA	12-400	FA001498	June 18/04	June 18/05
Spectrum Analyzer	Hewlett-Packard	8566B	FA001309	May 28/04	May 28/05
Spectrum Analyzer Display	Hewlett-Packard	85662A	FA001309	May 28/04	May 28/05