



Test Report: 2W06701

Applicant: Coverage Solutions Corp.
2901 W. Busch Blvd.
Suite 900
Tampa, FL 33618, USA

Equipment Under Test: BDA-SMR-2/2W60-N89
(EUT)

FCC ID: QQRBN892W60

In Accordance With: **FCC Part 90, Subpart I**
Private Land Mobile Repeater

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

Authorized By: Glen Westwell, Wireless Technologist

Date: 20 December 2002

Total Number of Pages: 37

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EQUIPMENT: BDA-SMR-2/2W60-N89

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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 90, Subpart I.

<input checked="" type="checkbox"/>	New Submission	<input checked="" type="checkbox"/>	Production Unit			
<input type="checkbox"/>	Class II Permissive Change	<input type="checkbox"/>	Pre-Production Unit			
<table><tbody><tr><td>A</td><td>M</td><td>P</td></tr></tbody></table>	A	M	P	Equipment Code		
A	M	P				

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: _____ DATE: 20 December 2002
Kevin Carr, EMC Specialist

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This report applies only to the items tested.

EQUIPMENT: BDA-SMR-2/2W60-N89

FCC ID:QORBN892W60

Summary Of Test Data

Name Of Test	Para. No.	Result
RF Power Output	2.985	Complied
Audio Frequency Response	TIA EIA-603.3.2.6	N/A
Audio Low-Pass Filter Response	TIA EIA-603.3.2.6	N/A
Modulation Limiting	TIA EIA-603.3.2.6	N/A
Occupied Bandwidth	2.989	Complied
Spurious Emissions at Antenna Terminals	2.991	Complied
Field Strength of Spurious Emissions	2.993	Complied
Frequency Stability	2.995	N/A
Transient Frequency Behavior	—	N/A

Footnotes For N/A's:

All Tests were conducted with the AGC circuitry enabled, and verified with AGC disabled.

The EUT is a f1-f1 amplifier, as such frequency stability was not performed.

The EUT contains no Audio Circuitry

Deviation

A QAM signal was substituted for Idenn Modulation

Indoor

Temperature: 23°C

Humidity: 15%

Outdoor

Temperature: 7°C

Humidity: 95%

*EQUIPMENT: BDA-SMR-2/2W60-N89**FCC ID:QQRBN892W60*

Section 2. General Equipment Specification**Manufacturer:** Coverage Solutions Corp.**Model No.** BDA-SMR-2/2W60-N89**Serial No.** 02091002**Date Received In Laboratory:** 19 Dec. 2002**Nemko Identification No.:** 1**Supply Voltage:** 120VAC, 60Hz**Frequency Range:** Downlink: 851-866/935-941MHz

Uplink: 806-821/896-902MHz

RF Output Power (Rated): 26.0 dBm**RF Output Power (Measured):** Downlink: 24.3 dBm
Uplink: 24.3 dBm**Emission Designator:** AMPS, F8W

EQUIPMENT: BDA-SMR-2/2W60-N89

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Section 3. RF Power Output

Para. No.: 2.985

Test Performed By: Kevin Carr	Date of Test: 19 Dec. 2002
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Minimum Standard: Para. No. 90.205(a).

Test Results: Complied.

Measurement Data:

Frequency (MHz)	Measured Power (dBm)	Measured Power (Watts)
813.5	24.3	0.269
899	25.2	0.331
858.5	24.3	0.269
938	24.3	0.269

EQUIPMENT: BDA-SMR-2/2W60-N89

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Section 4. Occupied Bandwidth

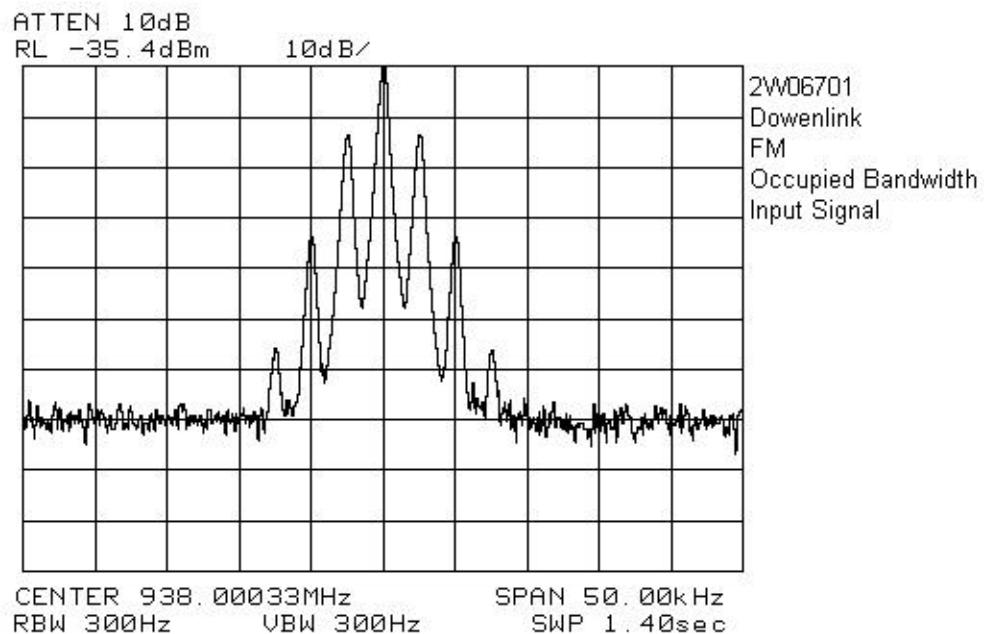
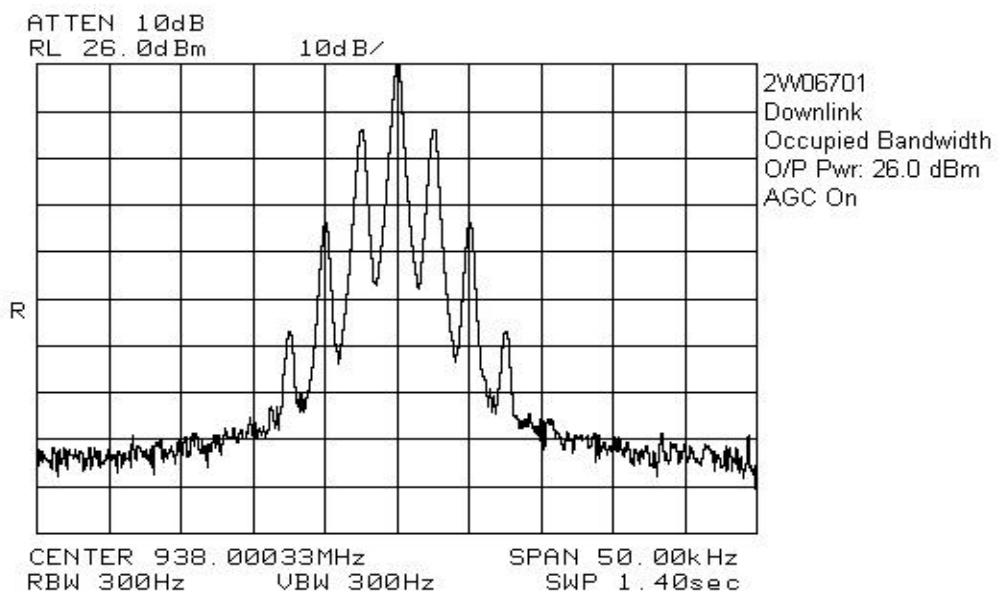
Para. No.: 2.989

Test Performed By: Kevin Carr	Date of Test: 19 Dec. 2002
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Minimum Standard: Para. No. 90.210

Test Results: Complied.

Measurement Data: See attached graph(s).

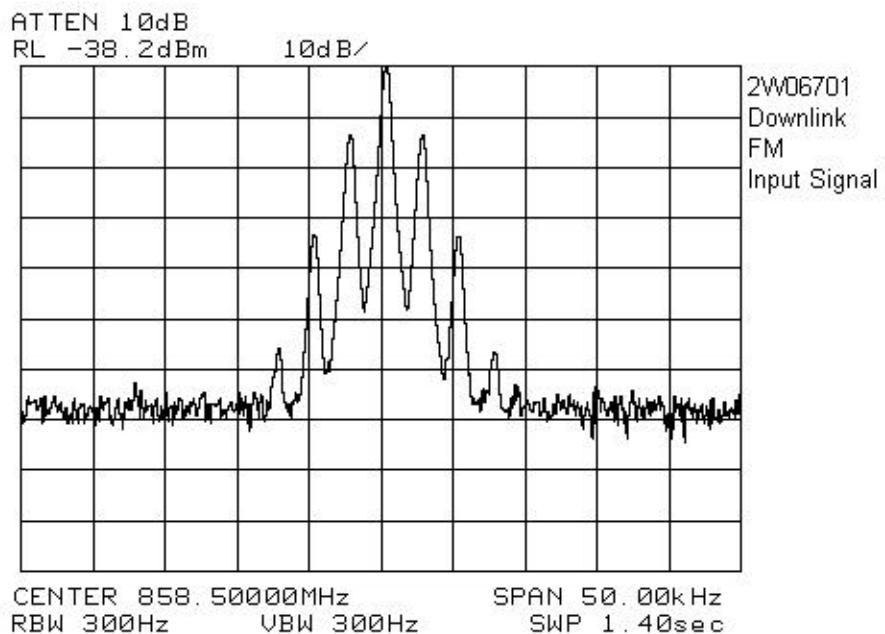
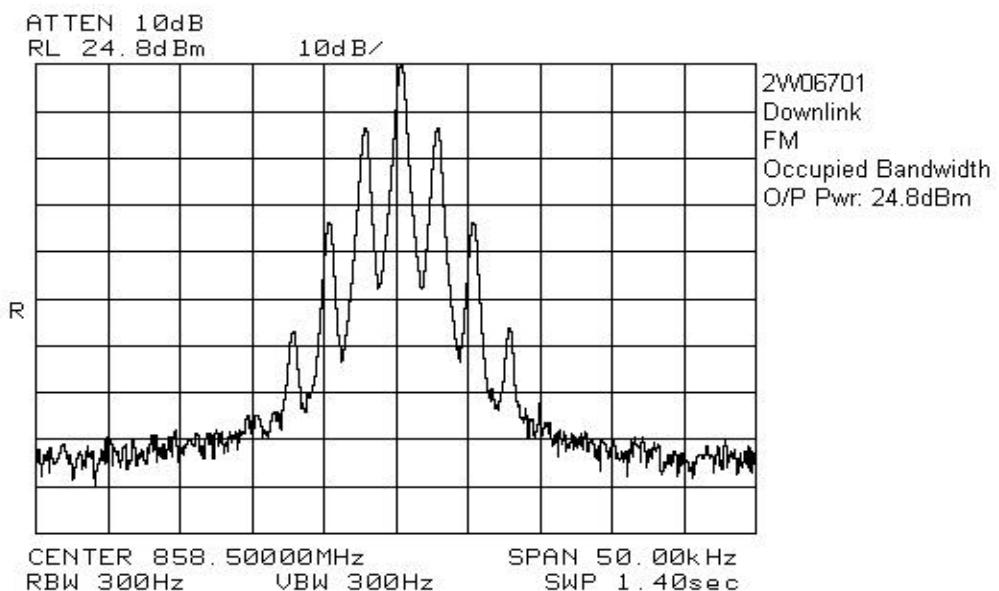
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Nemko Canada Inc.

FCC PART 90, SUBPART I
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