

Test Report:	1W03849
Applicant:	Elisra Electronic Systems Ltd. 48 Mivtza Kadesh Street 51203, Bene-Beraq Israel
Equipment Under Test: (EUT)	MW-CBDA-TDMA-B-1W60-A Bi-Directional Amplifier
FCC ID:	OIWCBDATDMAB1W60
In Accordance With:	FCC Part 22
Tested By:	Nemko Canada Inc. (Formerly KTL Ottawa Inc.) 3325 River Road, R.R. 5 Ottawa, Ontario K1V 1H2
Authorized By:	 R. Grant, Wireless Group Manager
Date:	
Total Number of Pages:	53

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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 22, Subpart H.



New Submission



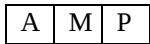
Production Unit



Class II Permissive Change



Pre-Production Unit



Equipment Code

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".



NVLAP LAB CODE: 100351-0

TESTED BY: _____ DATE: _____

Wayne Clarke, Wireless Technologist

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This report applies only to the items tested.

EQUIPMENT: MW-CBDA-TDMA-B-1W60-A Bi-Directional Amplifier
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Summary Of Test Data

Name Of Test	Para. No.	Result
RF Power Output	22.913(a)	Complies
Occupied Bandwidth	22.917	Complies
Spurious Emissions at Antenna Terminals	22.917	Complies
Field Strength of Spurious Emissions	22.917	Complies
Frequency Stability	22.355	N/A

Footnotes For N/A's:
circuits.

This equipment does not have any frequency generating

Test Conditions:**Indoor**

Temperature: 21 °C
Humidity: 30 %

Outdoor

Temperature: 18 °C
Humidity: 70 %

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Section 2. General Equipment Specification

Manufacturer:	Elisra Electronic Systems
Model No.:	MW-CBDA-TDMA-B-1W60-A
Serial No.:	0104D001
Date Received In Laboratory:	May 23, 2001
Nemko Identification No.:	Item #1
Supply Voltage Input:	120 VAC
Frequency Range:	Uplink:835 – 849MHz
Frequency Range:	Downlink: 880 – 894MHz
Type of Modulation and Designator:	AMPS: F1D CDMA: DXW TDMA: F9W
Output Impedance:	50Ω
Gain:	60dB
RF Output (Rated):	+24dBm

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Section 3. RF Power Output

Para. No.: 2.985

Test Performed By: Wayne Clarke	Date of Test: May 24, 2001
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Minimum Standard: Para. No. 22.913(a).

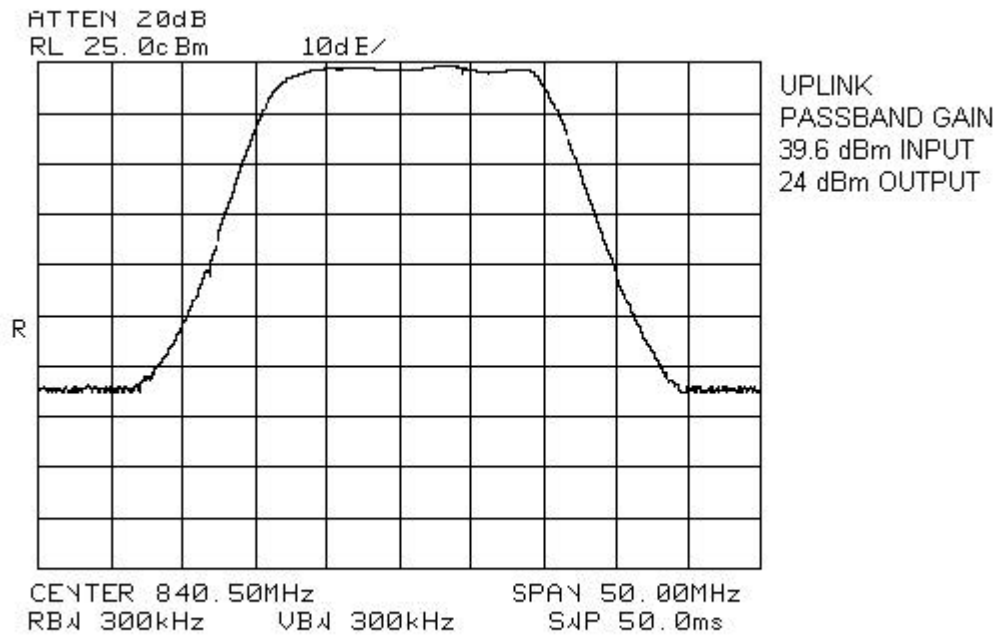
Test Results: Complies.

Measured Power: Uplink: +24dBm
Downlink: +24dBm

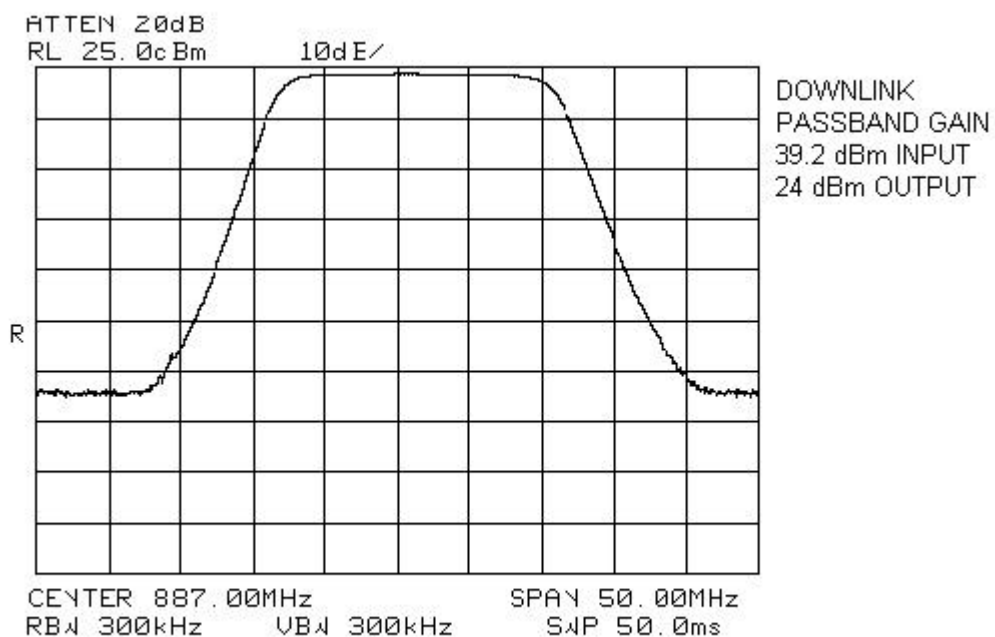
Measurement Data: See attached graphs.

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Section 4. Occupied Bandwidth

Para. No.: 2.917(c)

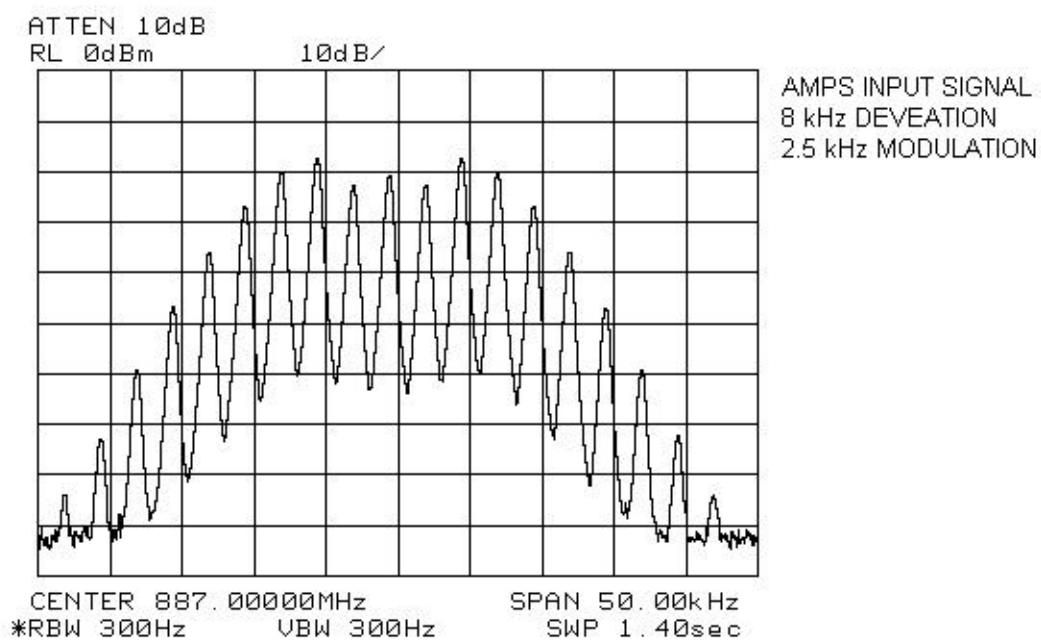
Test Performed By: Wayne Clarke	Date of Test: May 24, 2001
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Minimum Standard: 22.917

Test Results: Complies. There was no degradation in the output signal.

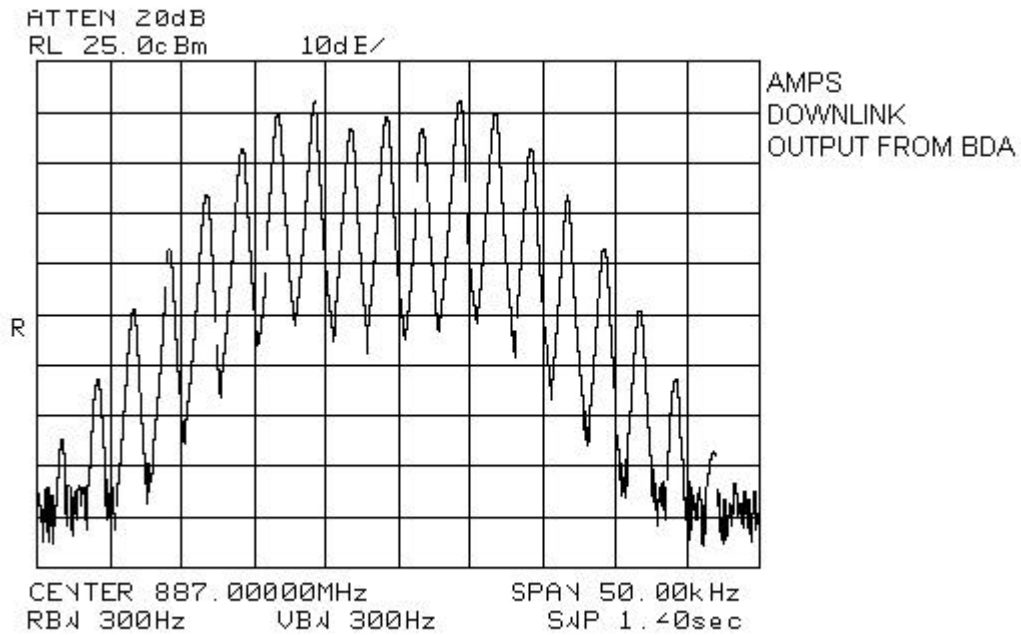
Test Data: See attached graph(s).

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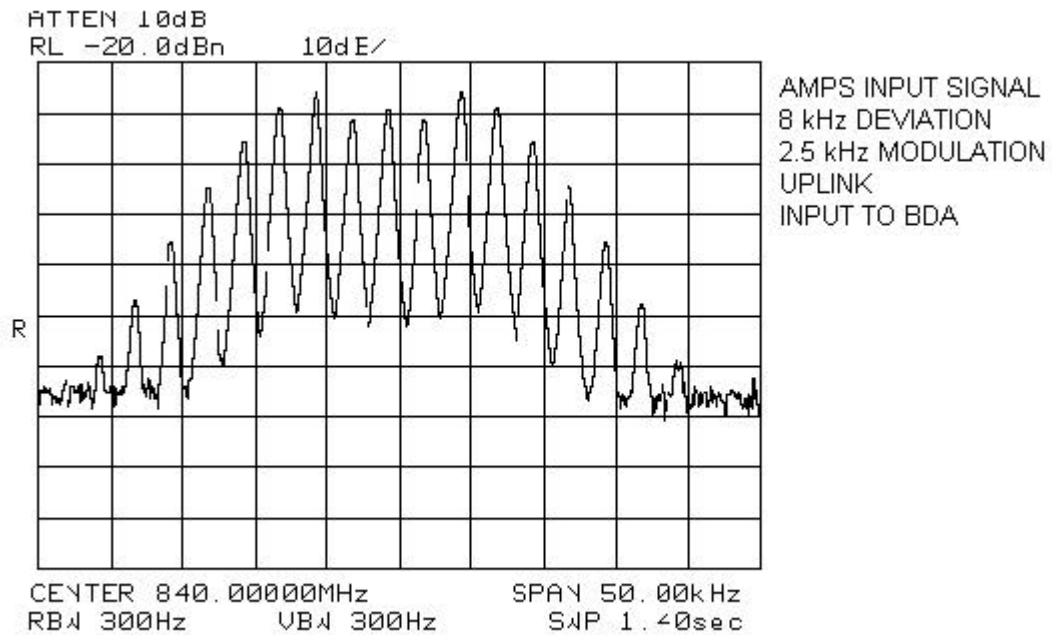
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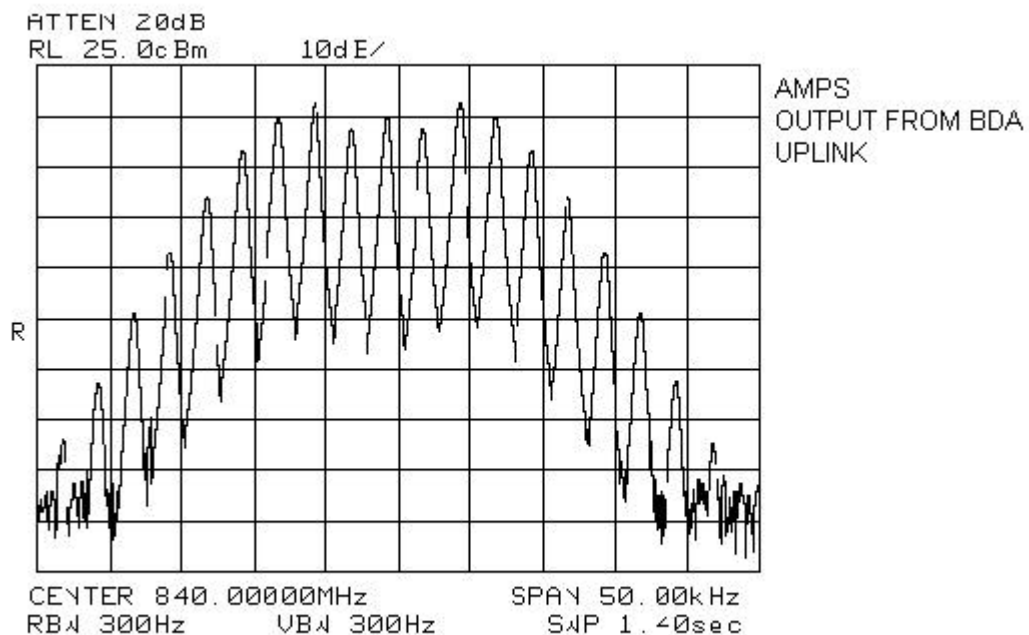


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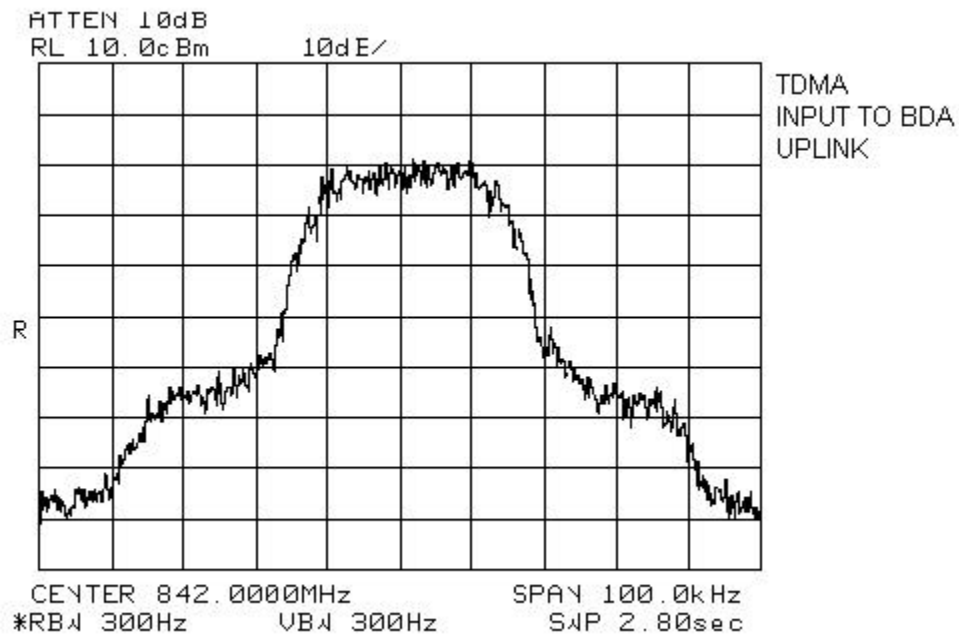


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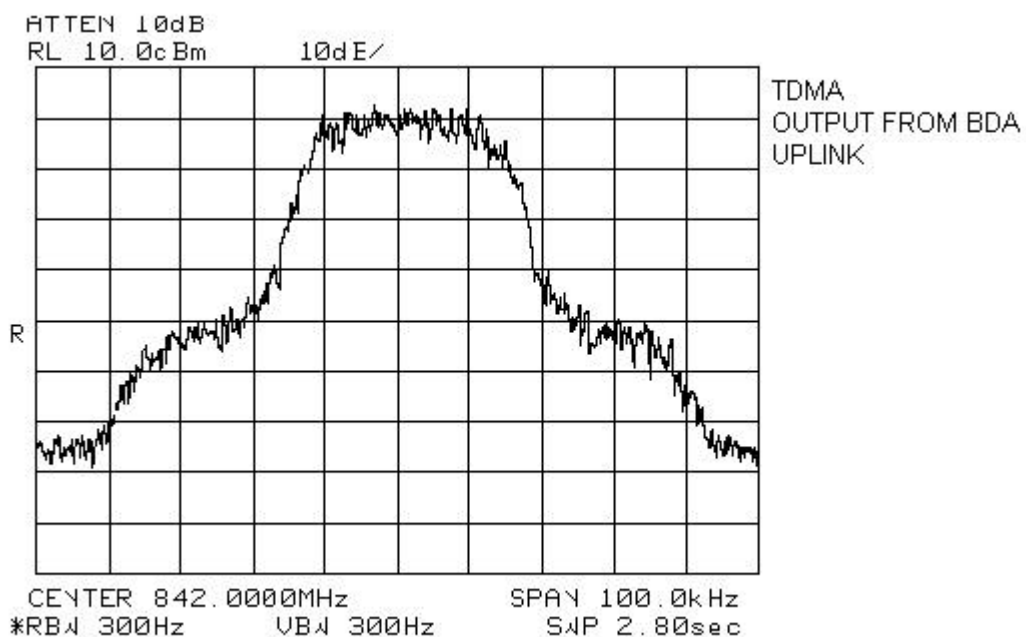


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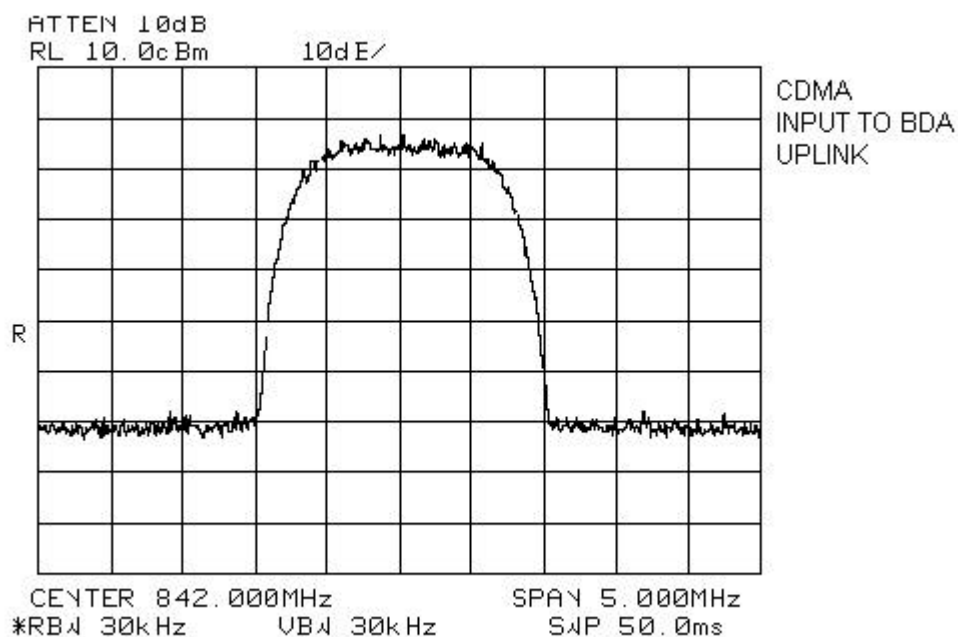
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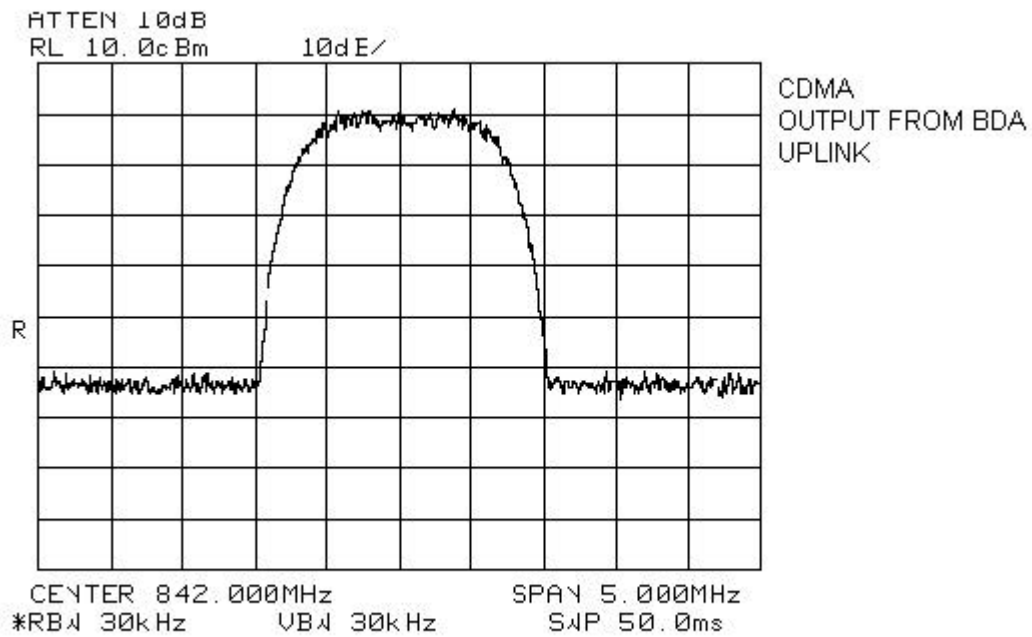


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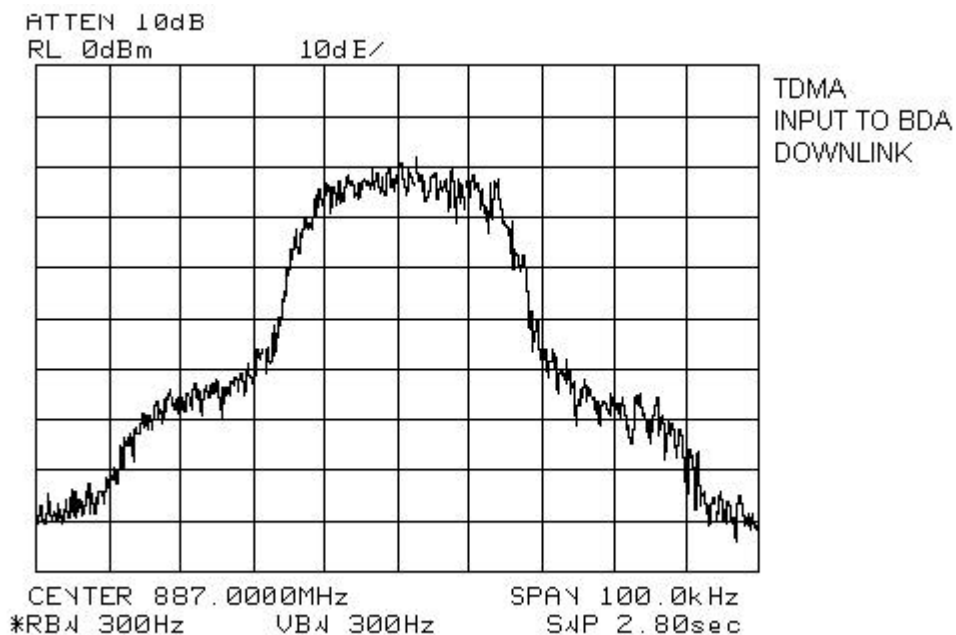


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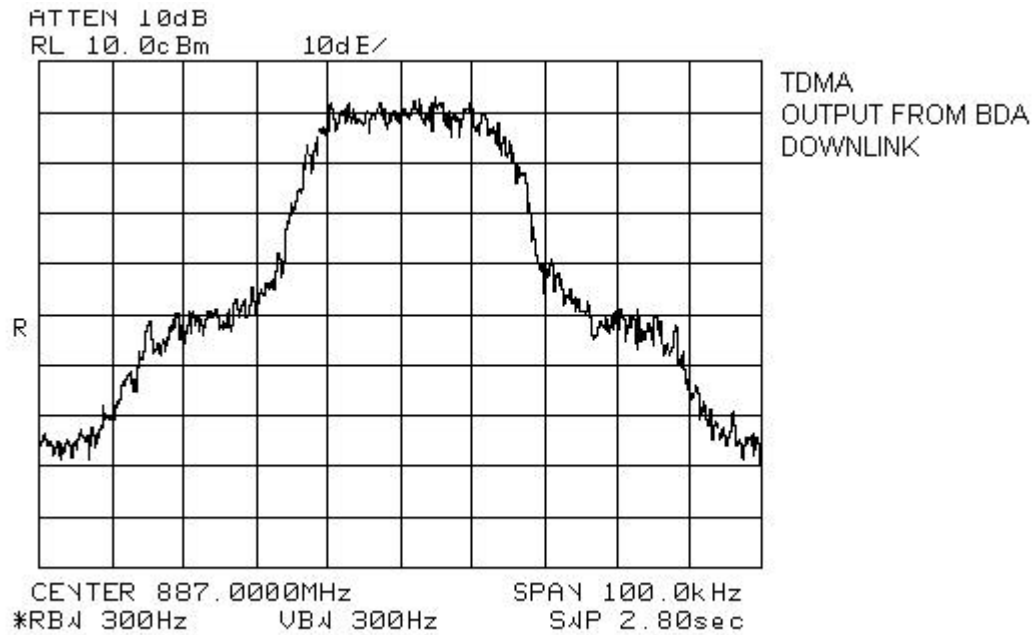


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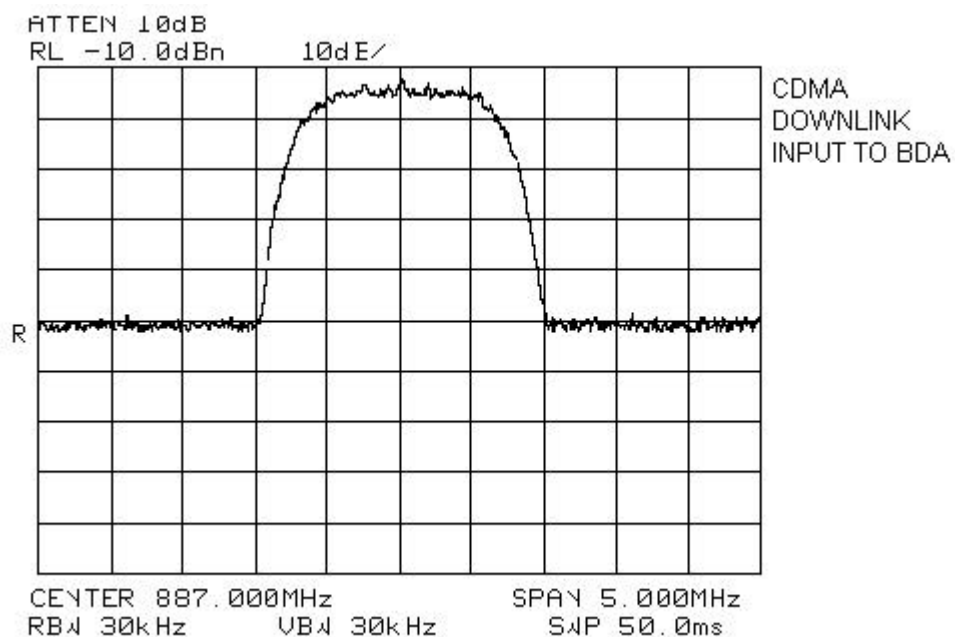


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