Test Report:	4W08096
Applicant:	G-Wave Inc. 15 Ron's Edge Road Springfield, NJ, USA 07081
Equipment Under Test: (EUT)	BDA-PCS/A-0.5/0.5W-70-A BDA-PCS/B-0.5/0.5W-70-A BDA-PCS/C-0.5/0.5W-70-A BDA-PCS/D-0.5/0.5W-70-A BDA-PCS/E-0.5/0.5W-70-A BDA-PCS/F-0.5/0.5W-70-A
FCC ID:	Q8KPCSHW70A
In Accordance With:	**FCC Part 24, Subpart E**
Tested By:	Nemko Canada Inc. 303 River Road, R.R. 5 Ottawa, Ontario K1V 1H2
Authorized By:	Glen Westwell, Wireless Technologist
Date:	22 June 2004
Total Number of Pages:	39

Table of Contents

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 24, Subpart E.

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: June 18, 2004
Daxesh Thakker, Wireless Test Engineer

TESTED BY: _____ DATE: June 18, 2004
Kevin Carr, EMC/EMI/Wireless Specialist

Summary Of Test Data

Name Of Test	Para. No.	Result
RF Power Output	2.1046	Complied
Occupied Bandwidth	2.1049	Complied
Spurious Emissions at Antenna Terminals	2.1051	Complied
Field Strength of Spurious Emissions	2.1053	Complied
Frequency Stability	2.1055	N/A, the Eut is not a band translator

Test Conditions:

- The EUT was tested at full power
- Testing was performed at proper temperature and humidity
- At the clients request, testing was conducted on downlink side only, due to changes in the downlink amplifier. The uplink data should be used from Nemko project 07892, appropriate report page references have been made through out the report
- Testing was carried out on the top, middle and bottom PCS Bands only.
- The device employs a ALC, and was assessed at max. I/P Power as per published gain levels
- Radiated testing was done on the top mid and bottom freq's of the PCS Band

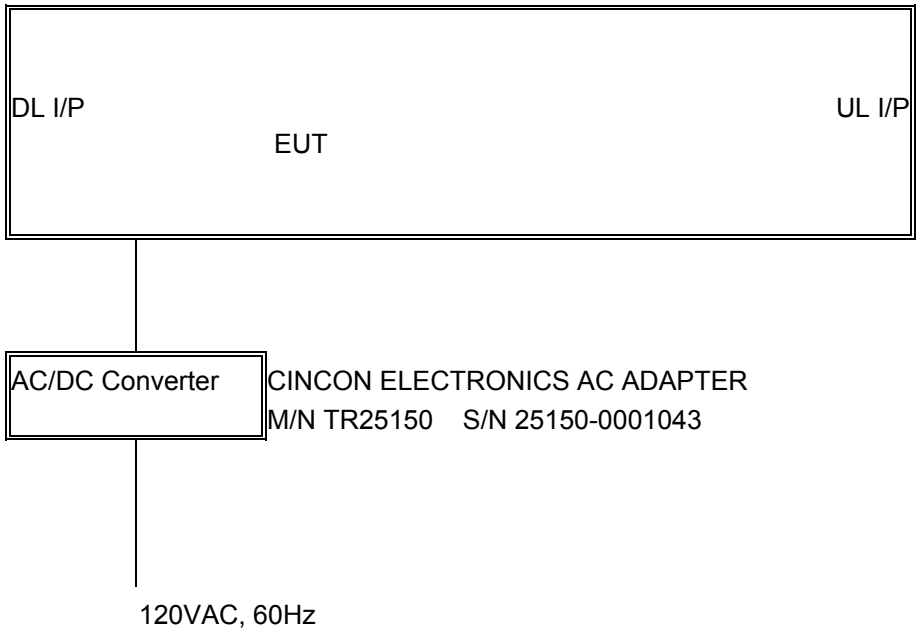
Indoor Temperature: 24 °C
Humidity: 45%

Section 2. General Equipment Specification

Manufacturer:		G-Wave Inc.
Model No./Serial No. Submitted for Assessment:		BDA-PCS/A-0.5/0.5W-70-A, 04021001 BDA-PCS/B-0.5/0.5W-70-A, 04021001 BDA-PCS/C-0.5/0.5W-70-A, 04021001
Date Received In Laboratory:		3 June 2004
Nemko Identification No.:		1, 2, 3
Supply Voltage:		120VAC, 60Hz
Frequency Range:	**Downlink:**	1930 – 1990 MHz
RF Output Power (Rated)	**Downlink:**	18.0dBm, Total composite Power, 2 Tone
RF Output Power (measured)	**Downlink:**	18.0dBm, Total composite Power, 2 Tone
Emission Designator:		DXW, F9W, GXW

NOTE: UL data can be found on page 5, in report 4W07892, Issue 2 included in the submission package

Block Diagram:



Section 3. RF Power Output

Para. No.: 2.1046

Test Performed By: Kevin Carr	**Date of Test: 10 June 04**

Minimum Standard: Para. No.: 24.232.

Test Results: Complied, UL data can be found on page 7, in report 4W07892, Issue 2 included in the submission package

Measurement Data: See attached graphs, The maximum RF output power is within +/- 1 dB of the manufacturer's rating, The RF output power is de-rated according to the number of channels via AGC and is equal to Pmax –10logN.

Pmax = Max. RF output power
N = Number of Channels

	Channel	Rated	Measured	Delta
		dBm	dBm	dB
	Low	18.0	18.0	0.0
DL	Mid	18.0	17.6	0.4
	High	18.0	17.6	0.4

Section 4. Occupied Bandwidth

Para. No.: 2.1049

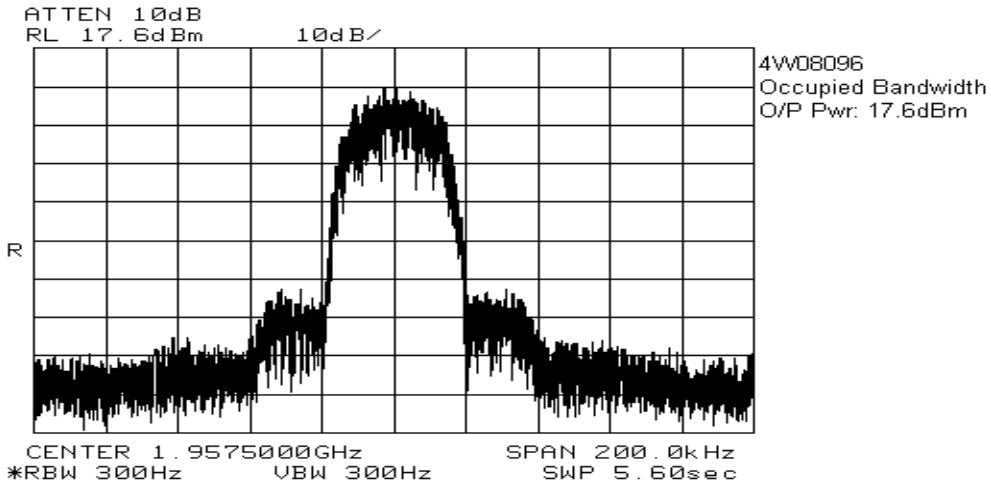
Test Performed By: Kevin Carr	**Date of Test: 10 June 2004**

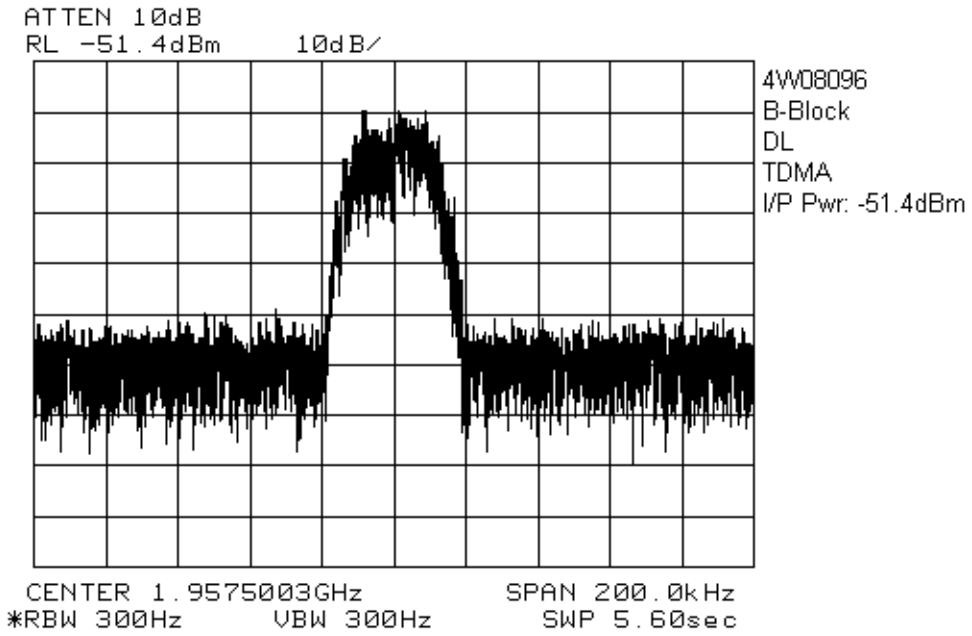
Minimum Standard: Para. No.: 24.238.

Test Results: Complied, UL data can be found on page 9, 10, 11, in report 4W07892, Issue 2 included in the submission package

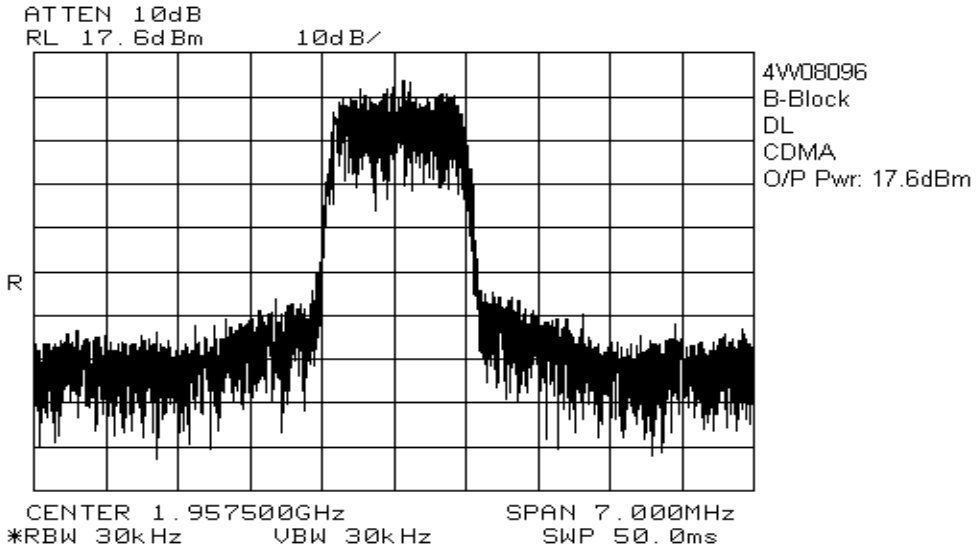
Test Data: See attached graph(s).

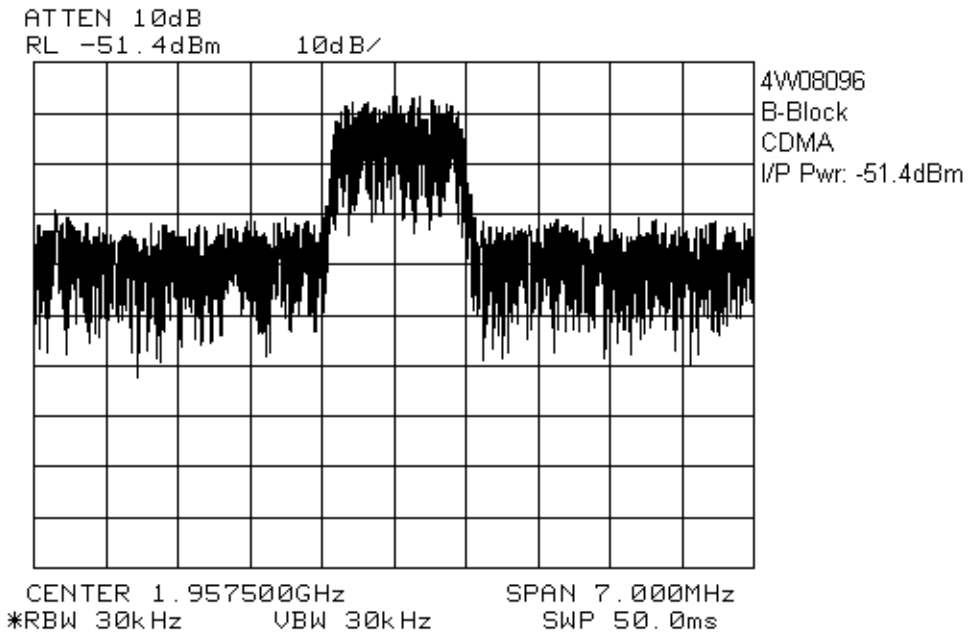
Downlink
TDMA



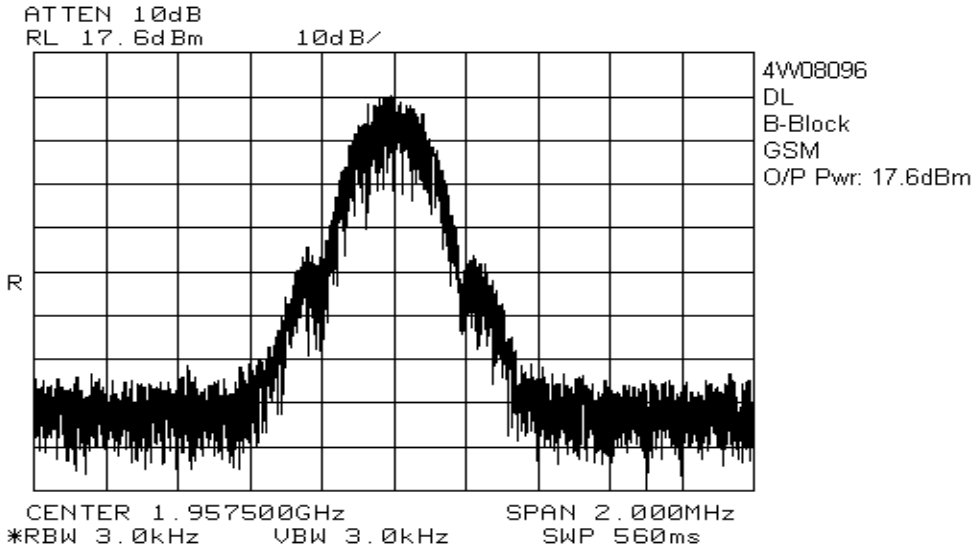


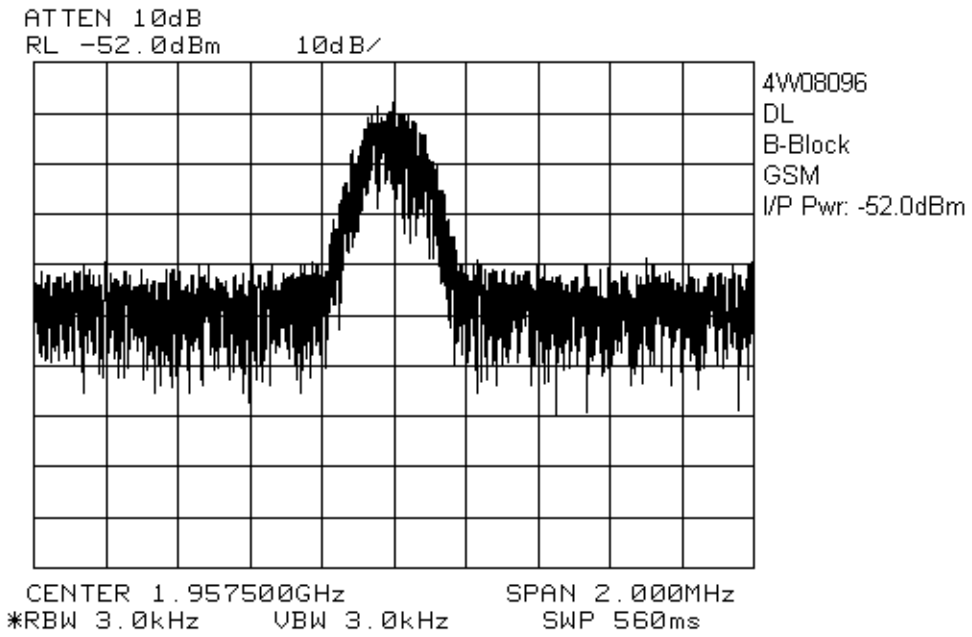
CDMA


ATTEN 10dB
RL 17.6dBm
10dB/
R
4W08096
B-Block
DL
CDMA
O/P Pwr: 17.6dBm
CENTER 1.957500GHz
SPAN 7.000MHz
*RBW 30kHz
VBW 30kHz
SWP 50.0ms


ATTEN 10dB
RL -51.4dBm
10dB/
4W08096
B-Block
CDMA
I/P Pwr: -51.4dBm
CENTER 1.957500GHz
SPAN 7.000MHz
*RBW 30kHz
VBW 30kHz
SWP 50.0ms

GSM


ATTEN 10dB
RL 17.6dBm
10dB/
R
4W08096
DL
B-Block
GSM
O/P Pwr: 17.6dBm
CENTER 1.957500GHz
SPAN 2.000MHz
*RBW 3.0kHz
VBW 3.0kHz
SWP 560ms


ATTEN 10dB
RL -52.0dBm
10dB/
4W08096
DL
B-Block
GSM
I/P Pwr: -52.0dBm
CENTER 1.957500GHz
SPAN 2.000MHz
*RBW 3.0kHz
VBW 3.0kHz
SWP 560ms

Section 5. Spurious Emissions at Antenna Terminals

Para. No.: 2.1051

Test Performed By: Kevin Carr	**Date of Test: 10/11 June 2004**

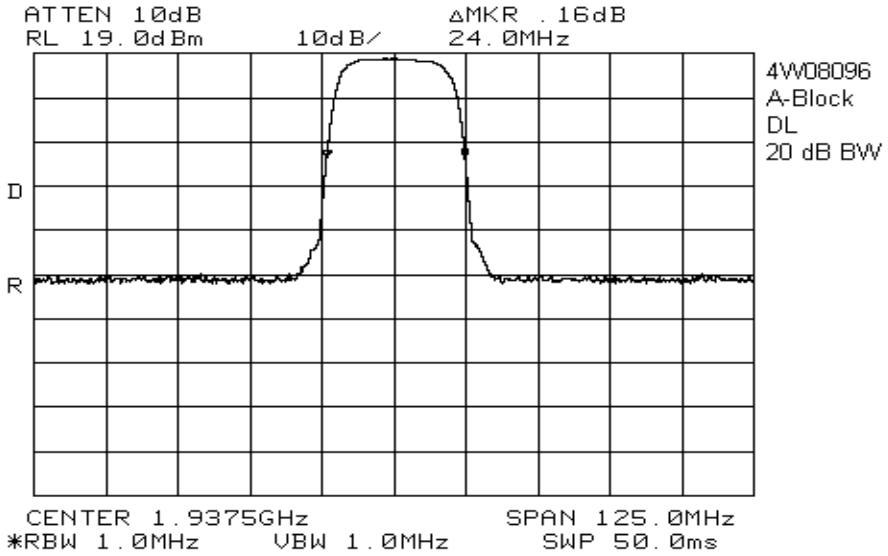
Minimum Standard: Para. No.: 24.238.

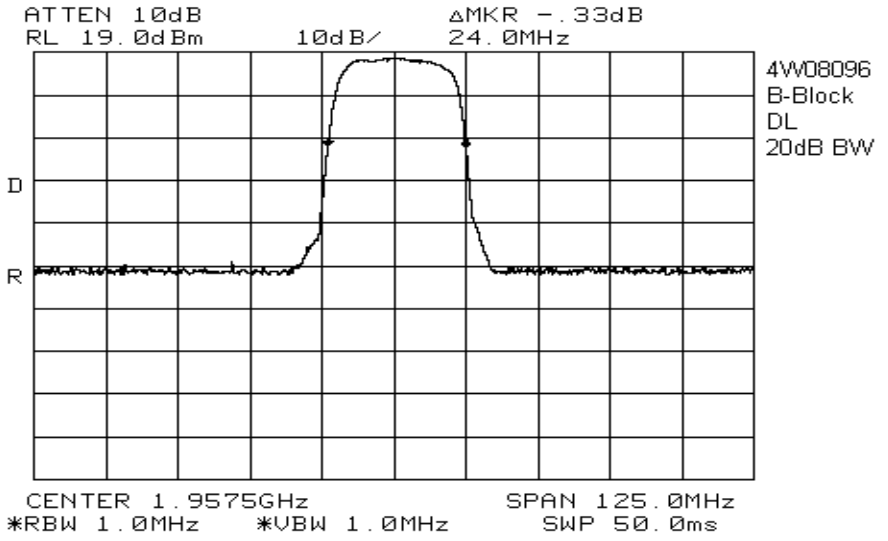
Test Results: Complied, UL intermodulation and unwanted emission data can be found on page 16 through 24, in report 4W07892, Issue 2 included in the submission package.

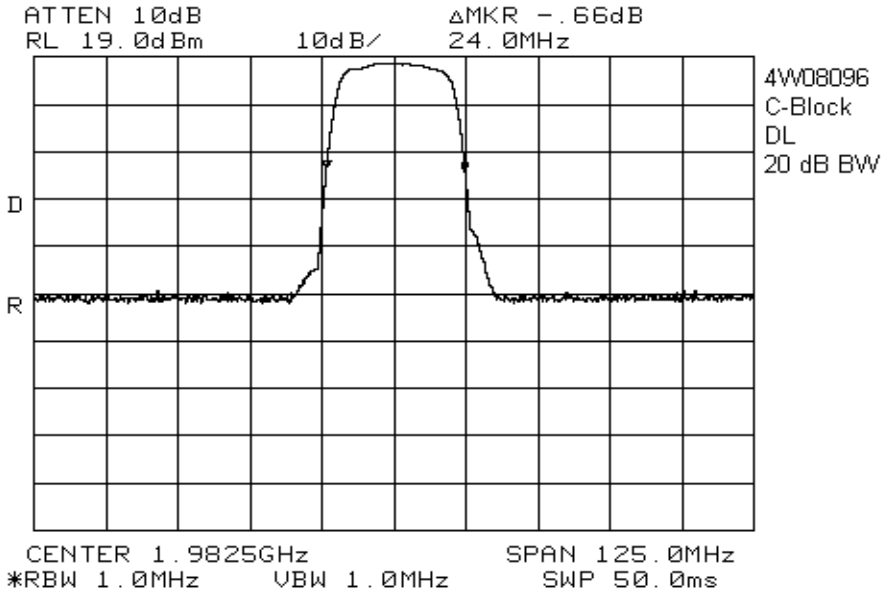
UL Bandwidth characteristics can be found pages 8, 10 and 11 of report 4W07892.1, Issue 2 included in the submission package

Test Data: See attached graph(s).

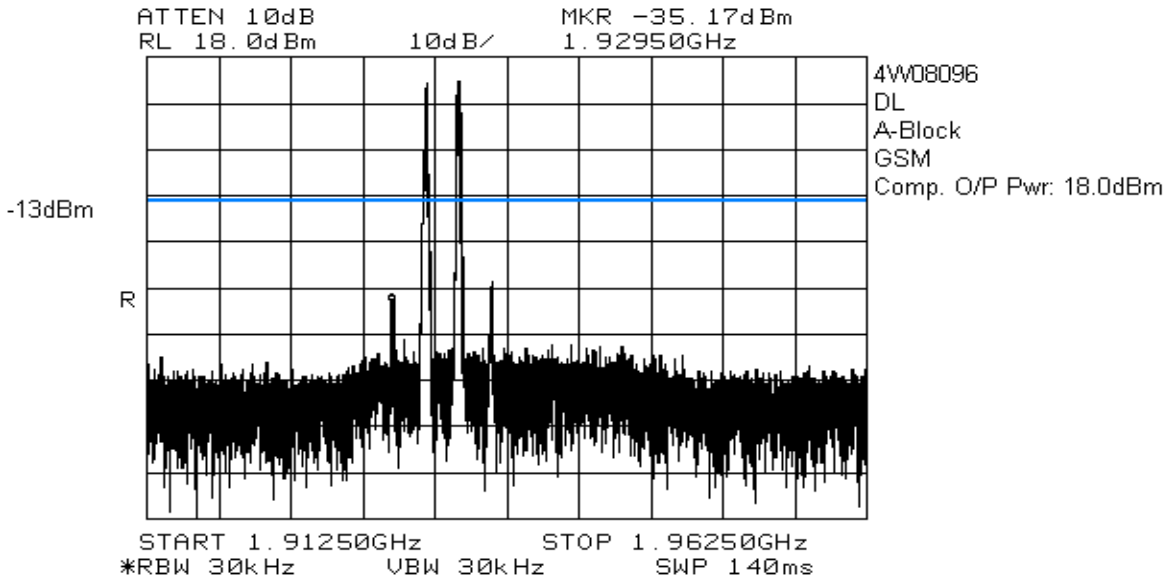
DL Bandwidth Characteristics

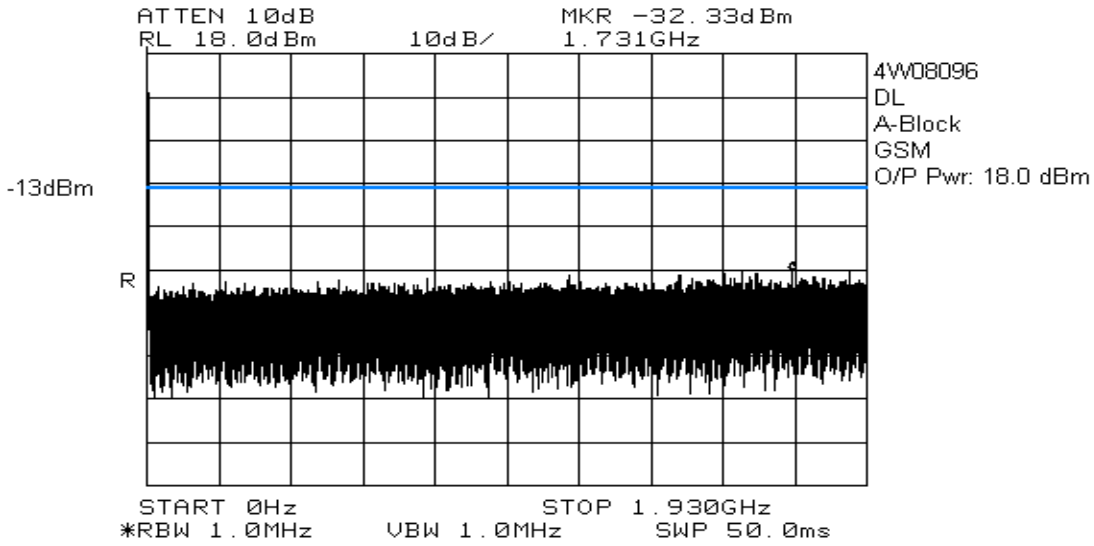


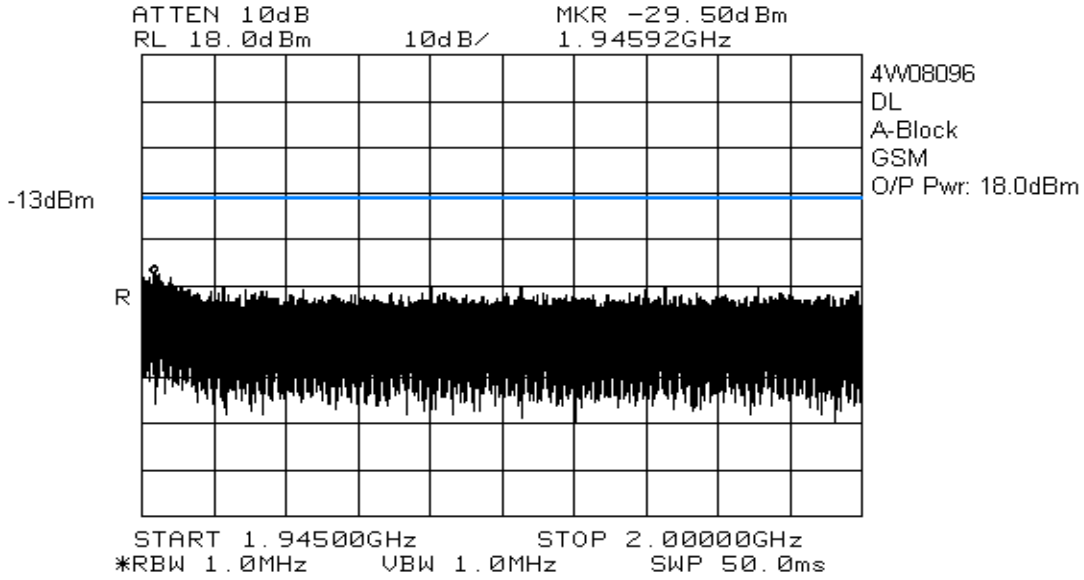


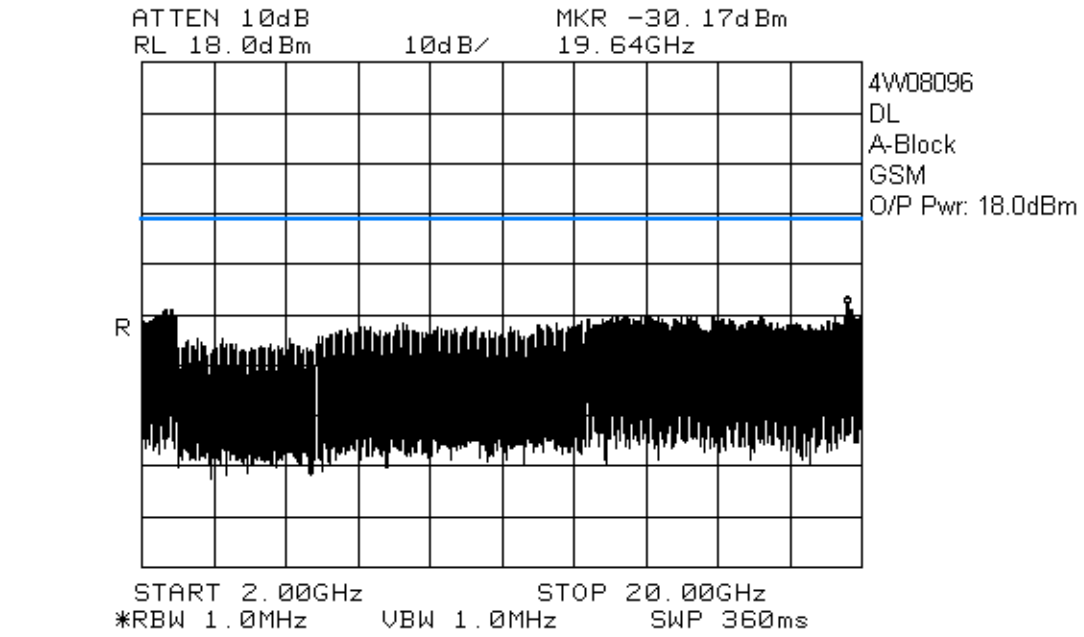

ATTEN 10dB
RL 19.0dBm
10dB/
ΔMKR -.66dB
24.0MHz
4W08096
C-Block
DL
20 dB BW
D
R
CENTER 1.9825GHz
SPAN 125.0MHz
*RBW 1.0MHz
VBW 1.0MHz
SWP 50.0ms

Downlink
A-Block, GSM

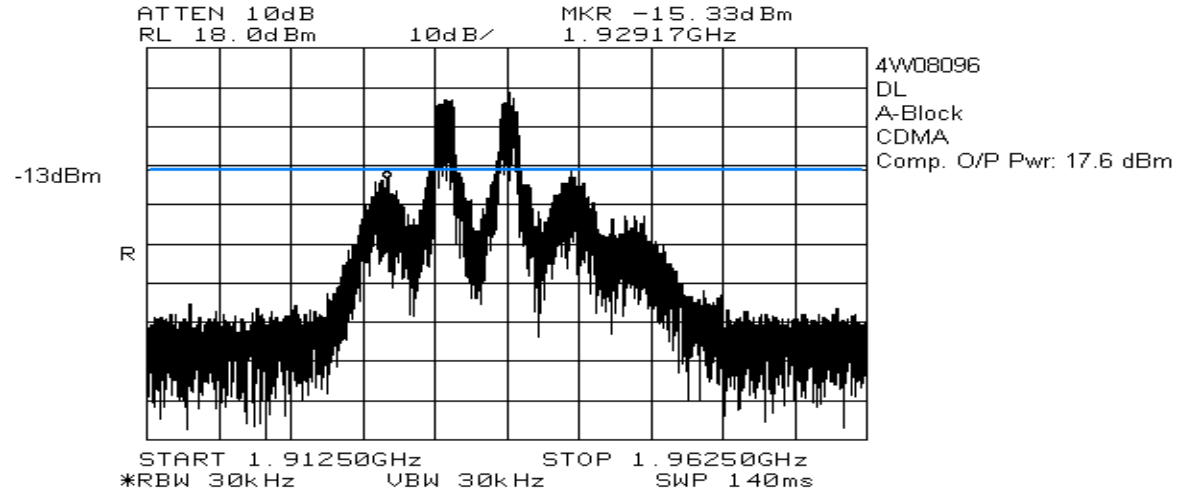


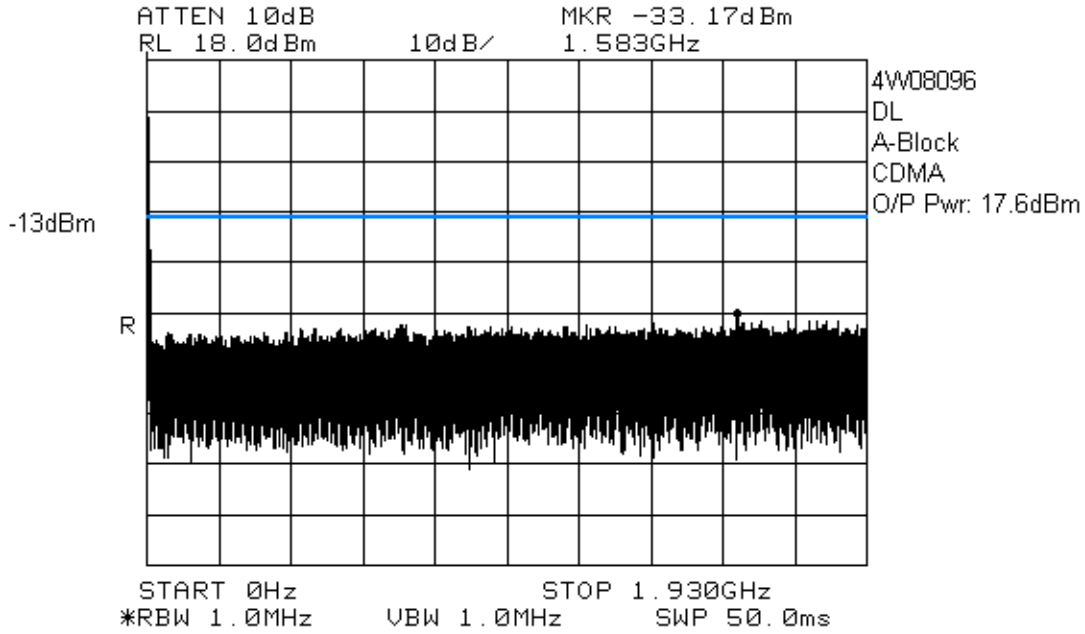


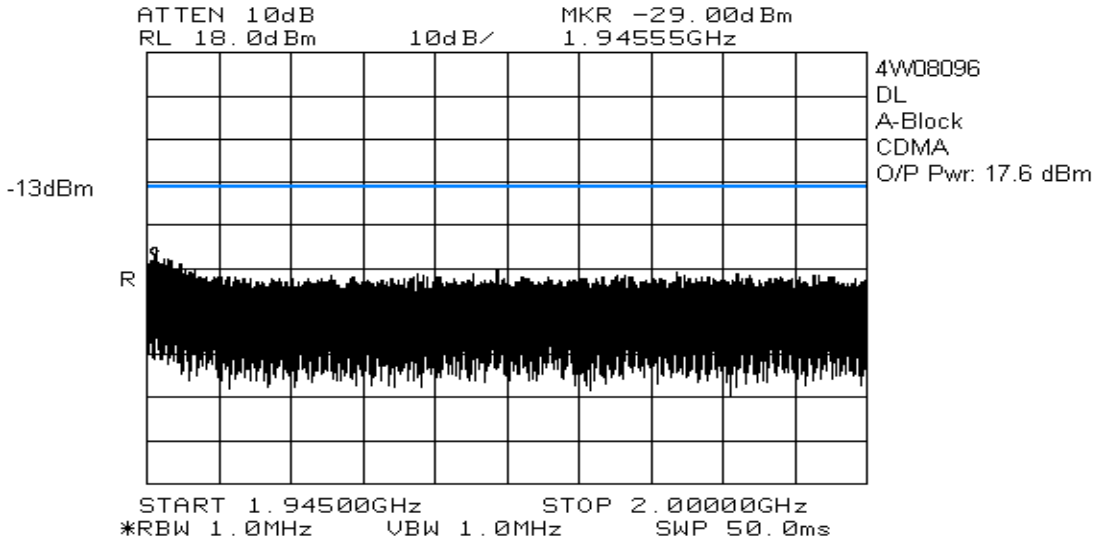

ATTEN 10dB
RL 18.0dBm
10dB/
MKR -29.50dBm
1.94592GHz
4W08096
DL
A-Block
GSM
O/P Pwr: 18.0dBm
-13dBm
R
START 1.94500GHz
STOP 2.00000GHz
*RBW 1.0MHz
VBW 1.0MHz
SWP 50.0ms

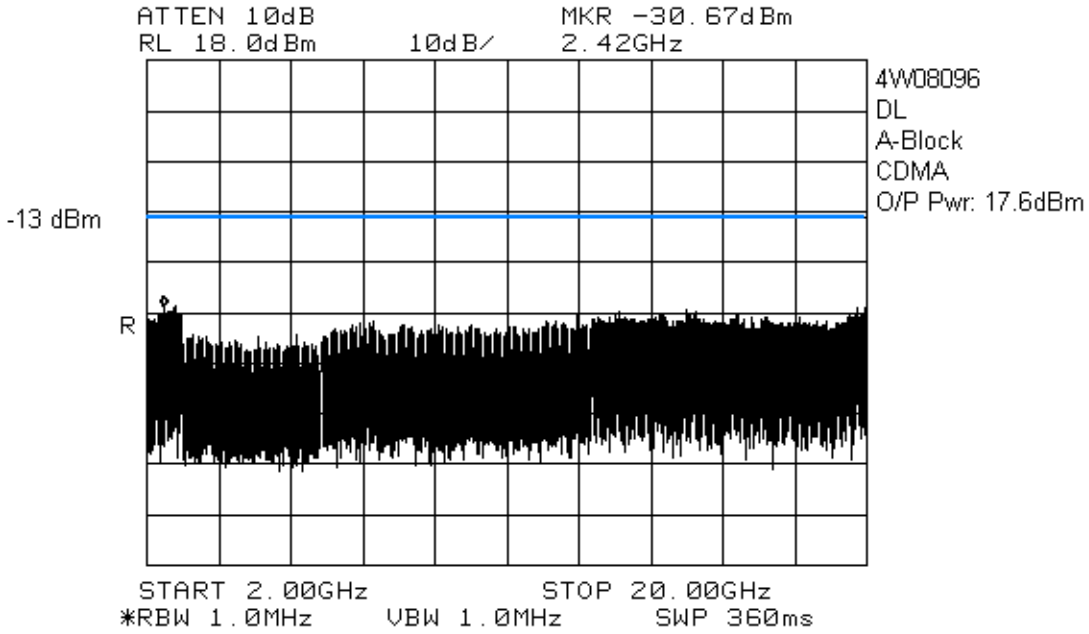

ATTEN 10dB
RL 18.0dBm
10dB/
MKR -30.17dBm
19.64GHz
4W08096
DL
A-Block
GSM
O/P Pwr: 18.0dBm
R
START 2.00GHz
STOP 20.00GHz
*RBW 1.0MHz
VBW 1.0MHz
SWP 360ms

CDMA

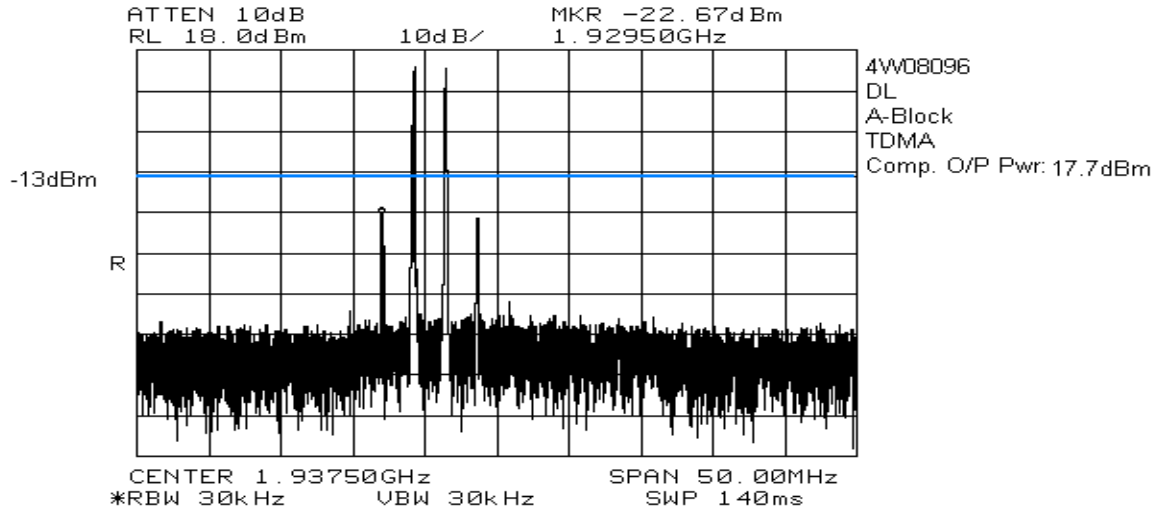

ATTEN 10dB
RL 18.0dBm
10dB/
MKR -15.33dBm
1.92917GHz
4W08096
DL
A-Block
CDMA
Comp. O/P Pwr: 17.6 dBm
-13dBm
R
START 1.91250GHz
STOP 1.96250GHz
*RBW 30kHz
VBW 30kHz
SWP 140ms

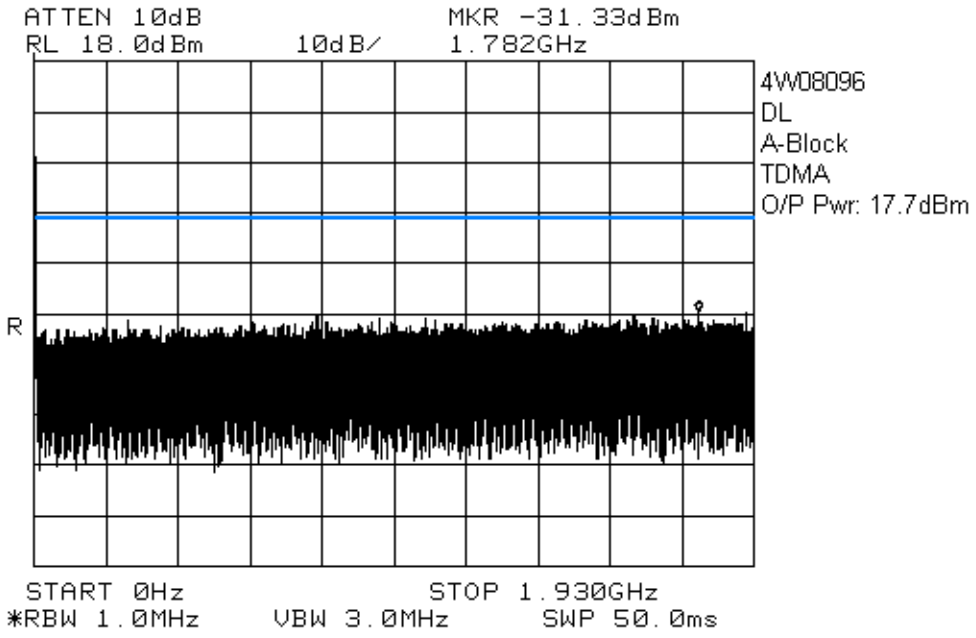

ATTEN 10dB
RL 18.0dBm
10dB/
MKR -33.17dBm
1.583GHz
4W08096
DL
A-Block
CDMA
O/P Pwr: 17.6dBm
-13dBm
R
START 0Hz
STOP 1.930GHz
*RBW 1.0MHz
VBW 1.0MHz
SWP 50.0ms

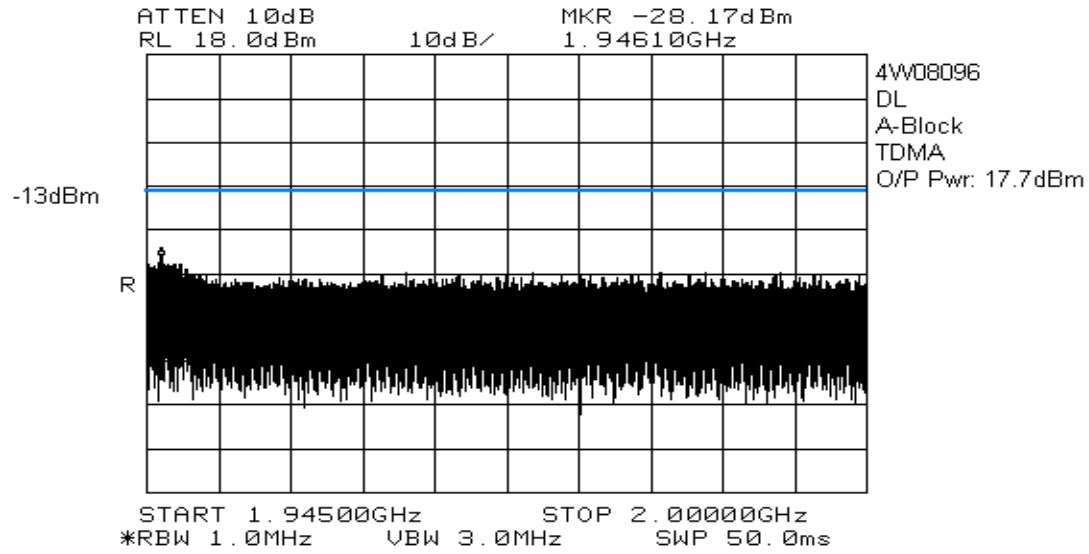

ATTEN 10dB
RL 18.0dBm
10dB/
MKR -29.00dBm
1.94555GHz
4W08096
DL
A-Block
CDMA
O/P Pwr: 17.6 dBm
-13dBm
R
START 1.94500GHz
STOP 2.00000GHz
*RBW 1.0MHz
VBW 1.0MHz
SWP 50.0ms

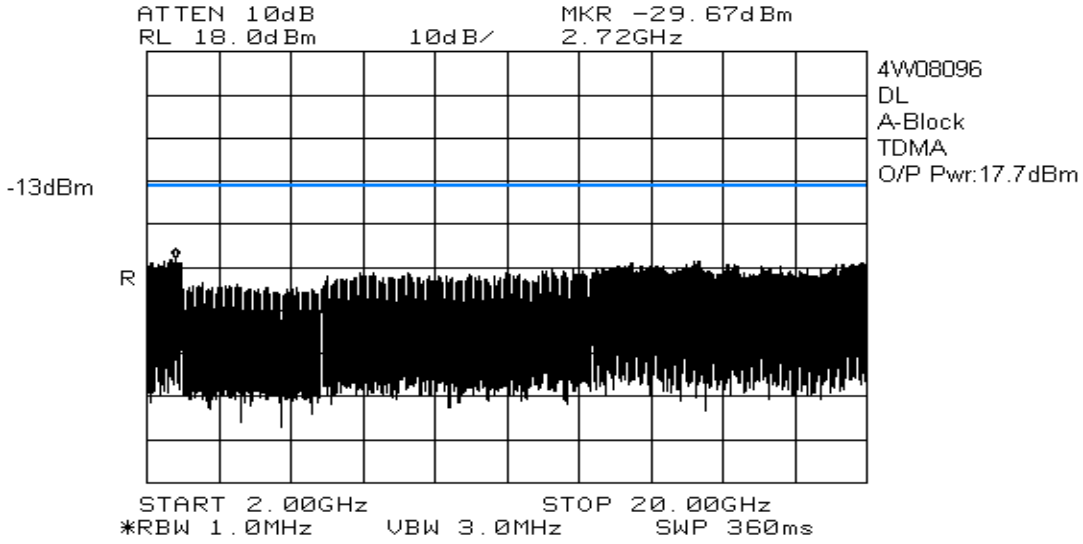

ATTEN 10dB
RL 18.0dBm
10dB/
MKR -30.67dBm
2.42GHz
4W08096
DL
A-Block
CDMA
O/P Pwr: 17.6dBm
-13 dBm
R
START 2.00GHz
STOP 20.00GHz
*RBW 1.0MHz
VBW 1.0MHz
SWP 360ms

TDMA

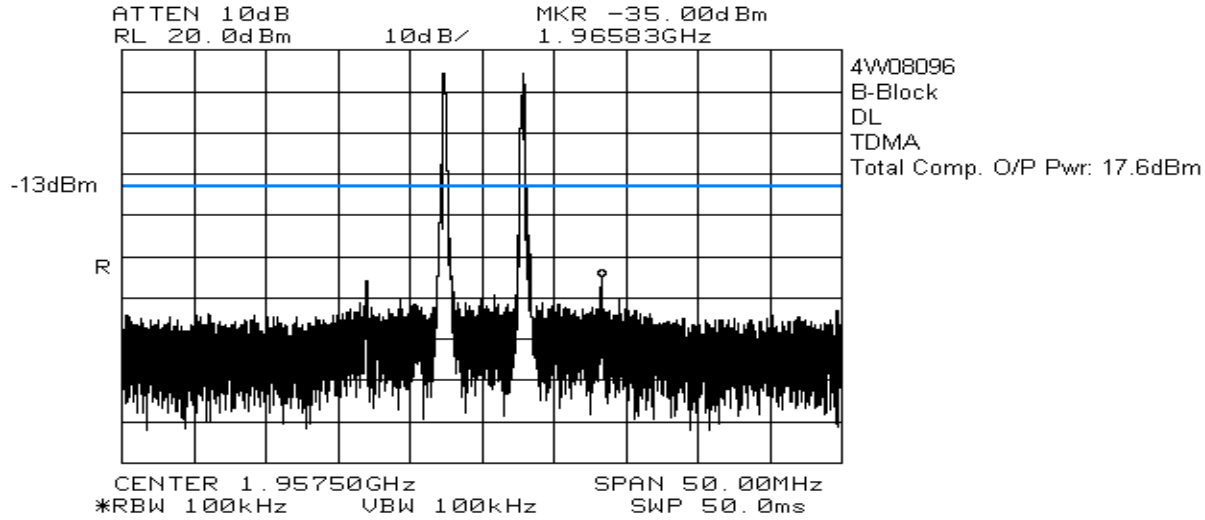

ATTEN 10dB
RL 18.0dBm
10dB/
MKR -22.67dBm
1.92950GHz
4W08096
DL
A-Block
TDMA
Comp. O/P Pwr: 17.7dBm
-13dBm
R
CENTER 1.93750GHz
SPAN 50.00MHz
*RBW 30kHz
VBW 30kHz
SWP 140ms

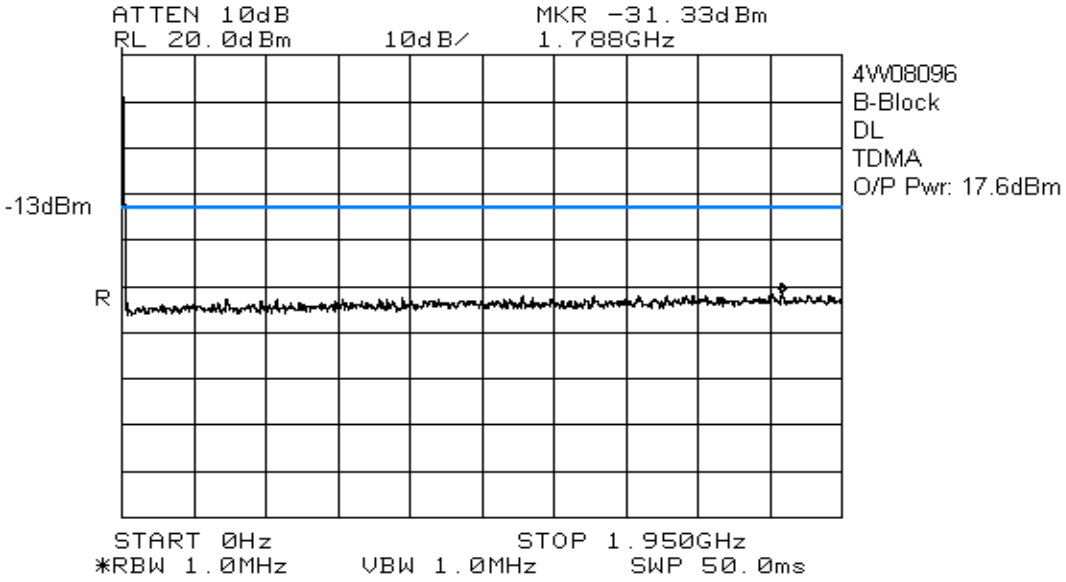

ATTEN 10dB
RL 18.0dBm
10dB/
MKR -31.33dBm
1.782GHz
4W08096
DL
A-Block
TDMA
O/P Pwr: 17.7dBm
R
START 0Hz
STOP 1.930GHz
*RBW 1.0MHz
VBW 3.0MHz
SWP 50.0ms

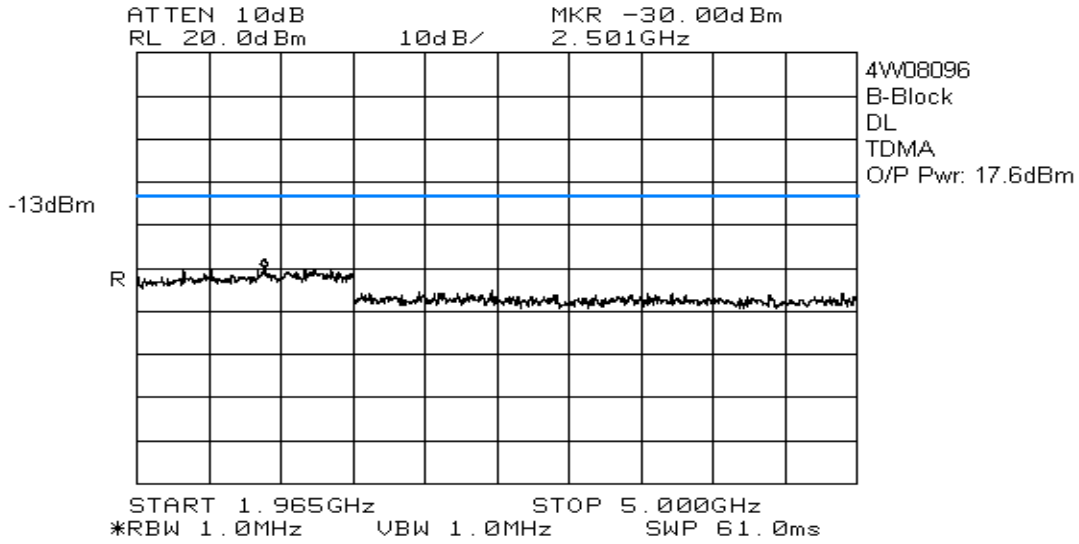

ATTEN 10dB
RL 18.0dBm
10dB/
MKR -28.17dBm
1.94610GHz
4W08096
DL
A-Block
TDMA
O/P Pwr: 17.7dBm
-13dBm
R
START 1.94500GHz
STOP 2.00000GHz
*RBW 1.0MHz
VBW 3.0MHz
SWP 50.0ms

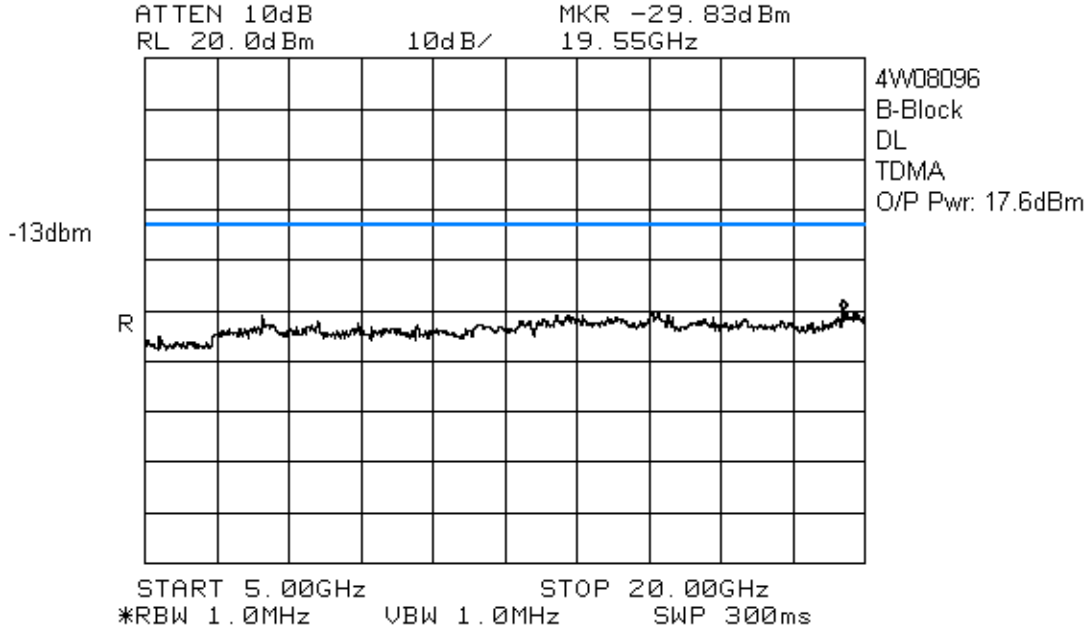

ATTEN 10dB
RL 18.0dBm
10dB/
MKR -29.67dBm
2.72GHz
4W08096
DL
A-Block
TDMA
O/P Pwr:17.7dBm
-13dBm
R
START 2.00GHz
STOP 20.00GHz
*RBW 1.0MHz
VBW 3.0MHz
SWP 360ms

B-Block
TDMA

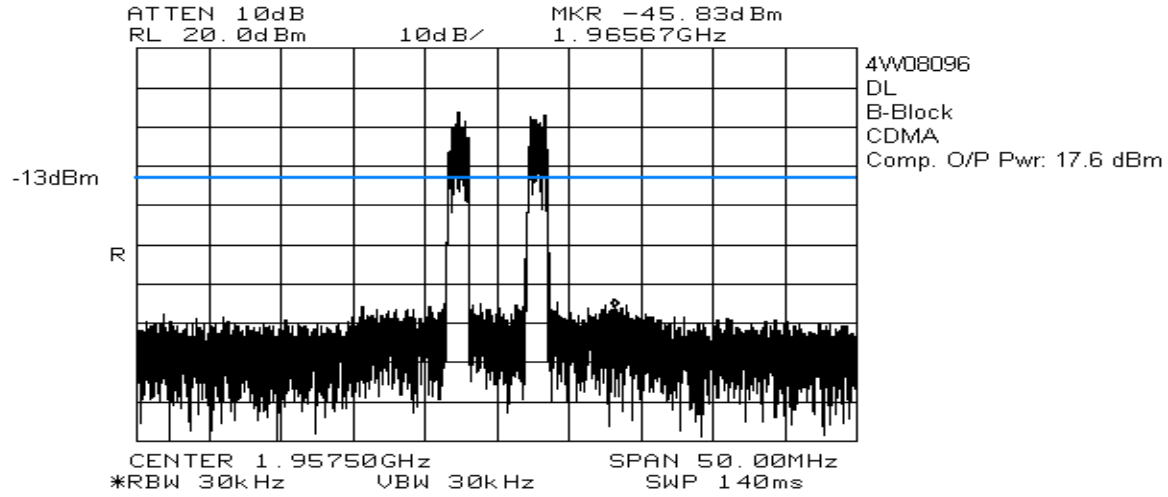

ATTEN 10dB
RL 20.0dBm
10dB/
MKR -35.00dBm
1.96583GHz
4W08096
B-Block
DL
TDMA
Total Comp. O/P Pwr: 17.6dBm
-13dBm
R
CENTER 1.95750GHz
SPAN 50.00MHz
*RBW 100kHz
VBW 100kHz
SWP 50.0ms

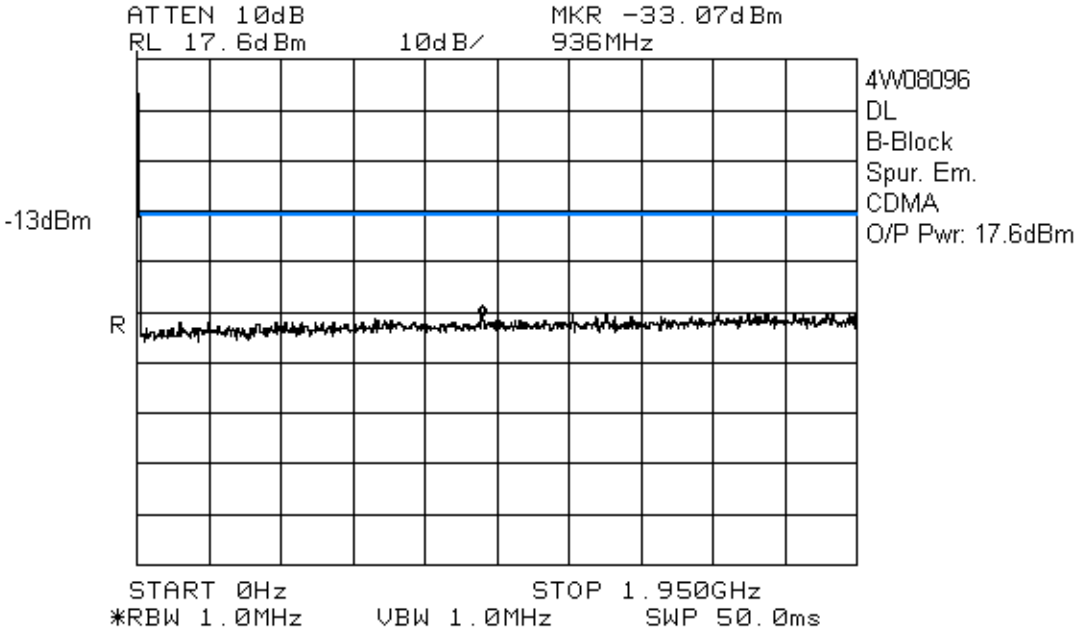

ATTEN 10dB
RL 20.0dBm
10dB/
MKR -31.33dBm
1.788GHz
4W08096
B-Block
DL
TDMA
O/P Pwr: 17.6dBm
-13dBm
R
START 0Hz
STOP 1.950GHz
*RBW 1.0MHz
VBW 1.0MHz
SWP 50.0ms

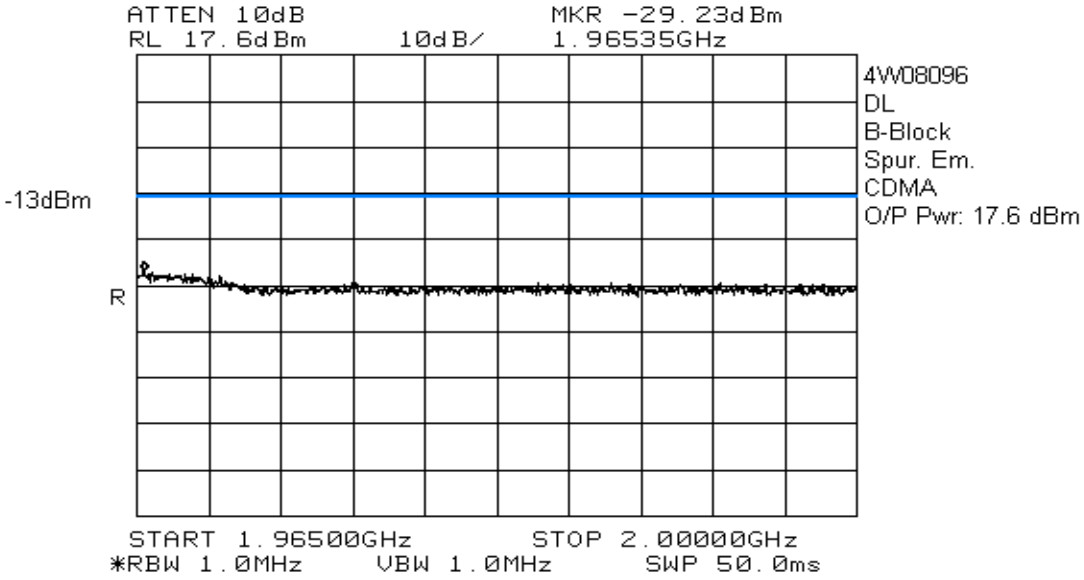

ATTEN 10dB
RL 20.0dBm
10dB/
MKR -30.00dBm
2.501GHz
4W08096
B-Block
DL
TDMA
O/P Pwr: 17.6dBm
-13dBm
R
START 1.965GHz
STOP 5.000GHz
*RBW 1.0MHz
VBW 1.0MHz
SWP 61.0ms

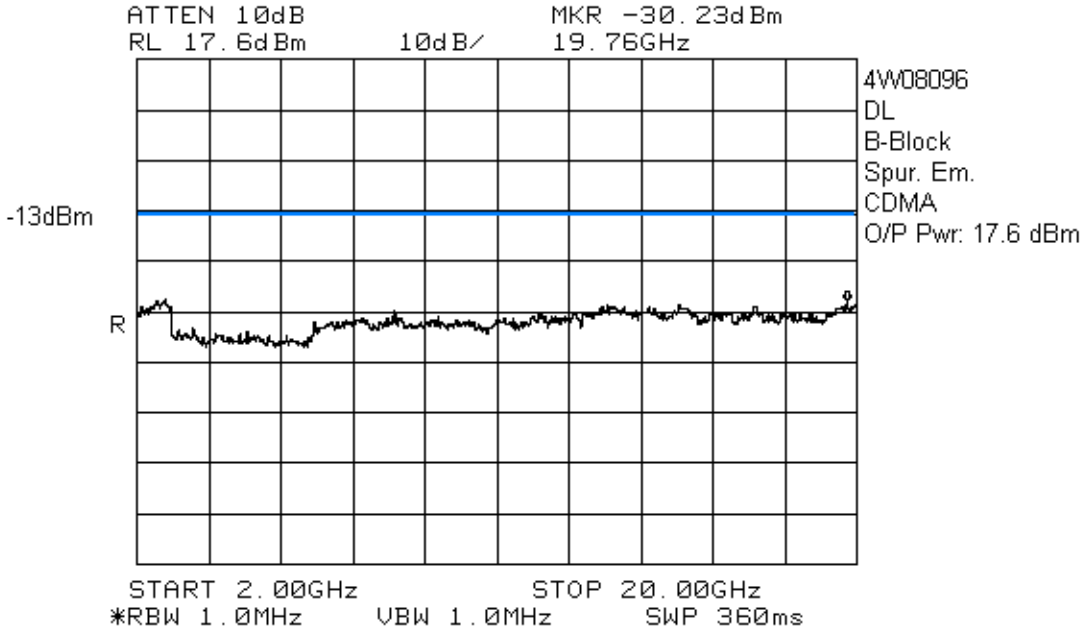

ATTEN 10dB
RL 20.0dBm
10dB/
MKR -29.83dBm
19.55GHz
4W08096
B-Block
DL
TDMA
O/P Pwr: 17.6dBm
-13dbm
R
START 5.00GHz
STOP 20.00GHz
*RBW 1.0MHz
VBW 1.0MHz
SWP 300ms

CDMA

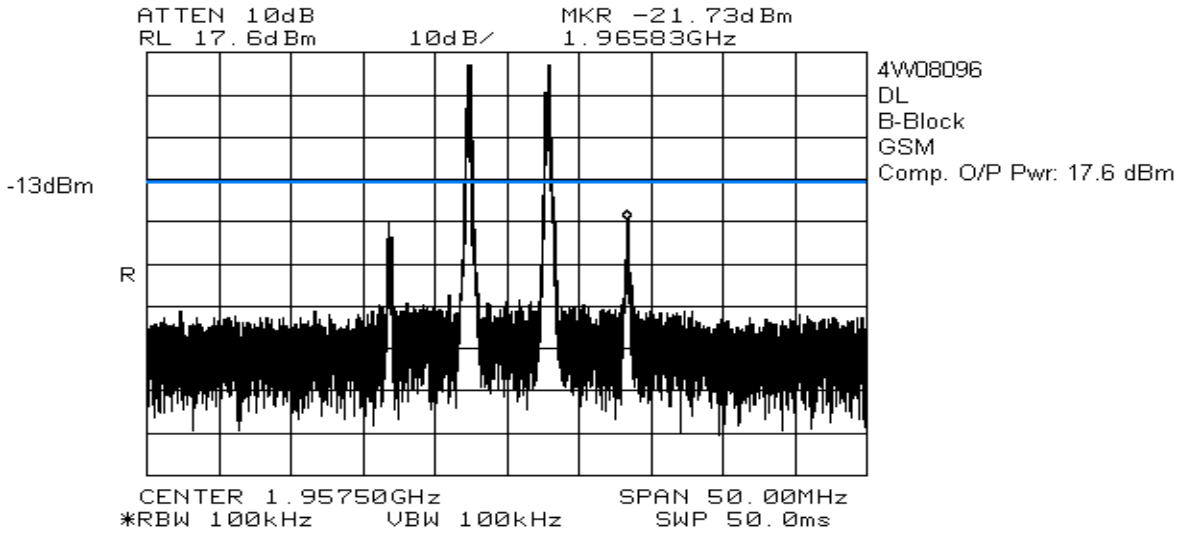

ATTEN 10dB
RL 20.0dBm
10dB/
MKR -45.83dBm
1.96567GHz
4W08096
DL
B-Block
CDMA
Comp. O/P Pwr: 17.6 dBm
-13dBm
R
CENTER 1.95750GHz
SPAN 50.00MHz
*RBW 30kHz
VBW 30kHz
SWP 140ms

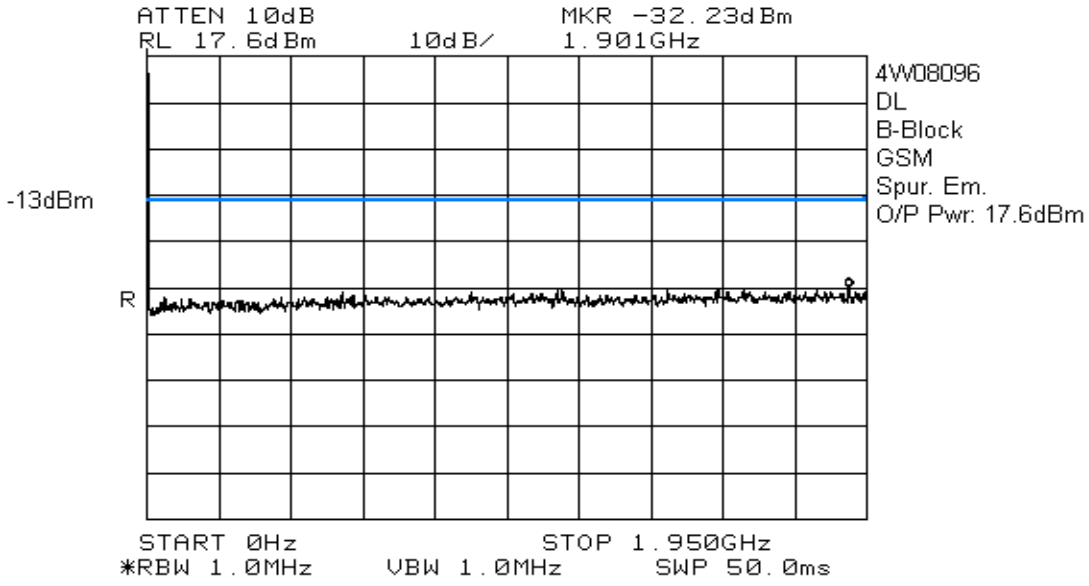

ATTEN 10dB
RL 17.6dBm
10dB/
MKR -33.07dBm
936MHz
4W08096
DL
B-Block
Spur. Em.
CDMA
O/P Pwr: 17.6dBm
-13dBm
R
START 0Hz
STOP 1.950GHz
*RBW 1.0MHz
VBW 1.0MHz
SWP 50.0ms

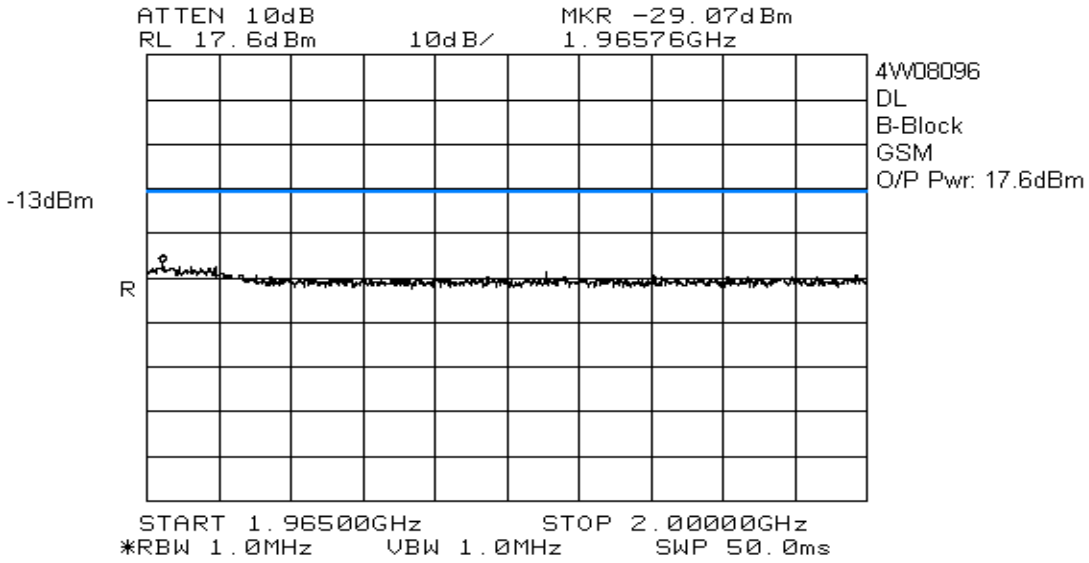

ATTEN 10dB
RL 17.6dBm
10dB/
MKR -29.23dBm
1.96535GHz
4W08096
DL
B-Block
Spur. Em.
CDMA
O/P Pwr: 17.6 dBm
-13dBm
R
START 1.96500GHz
STOP 2.00000GHz
*RBW 1.0MHz
VBW 1.0MHz
SWP 50.0ms

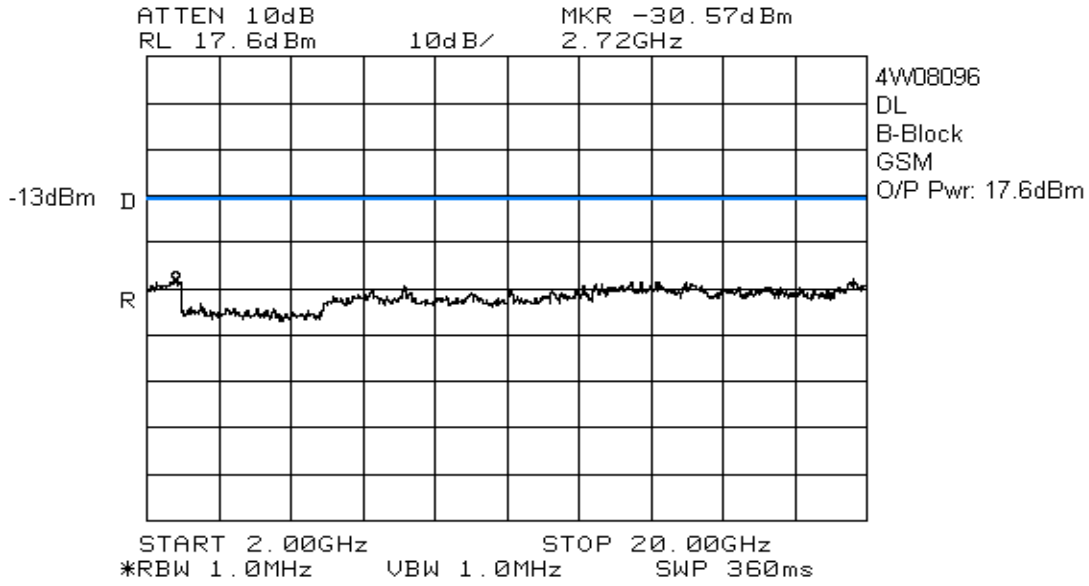

ATTEN 10dB
RL 17.6dBm
10dB/
MKR -30.23dBm
19.76GHz
4W08096
DL
B-Block
Spur. Em.
CDMA
O/P Pwr: 17.6 dBm
-13dBm
R
START 2.00GHz
STOP 20.00GHz
*RBW 1.0MHz
VBW 1.0MHz
SWP 360ms

GSM

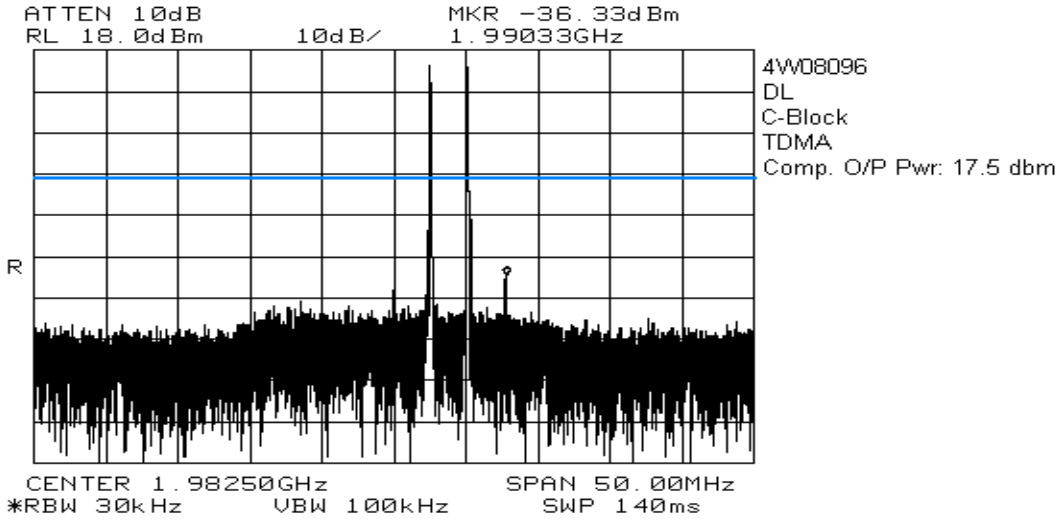

ATTEN 10dB
RL 17.6dBm
10dB/
MKR -21.73dBm
1.96583GHz
4VW08096
DL
B-Block
GSM
Comp. O/P Pwr: 17.6 dBm
-13dBm
R
CENTER 1.95750GHz
SPAN 50.00MHz
*RBW 100kHz
VBW 100kHz
SWP 50.0ms

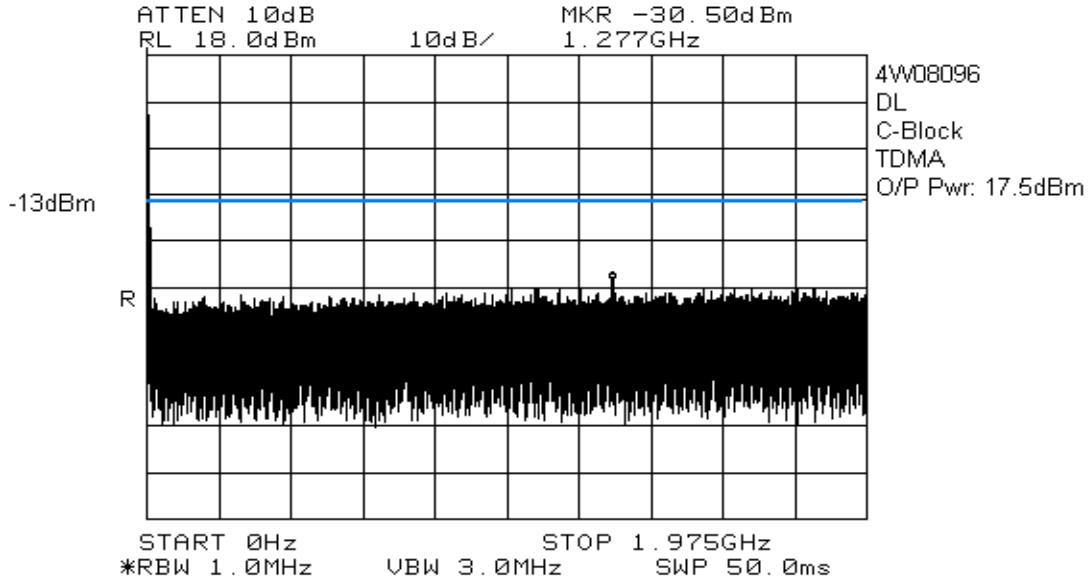

ATTEN 10dB
RL 17.6dBm
10dB/
MKR -32.23dBm
1.901GHz
4VW08096
DL
B-Block
GSM
Spur. Em.
O/P Pwr: 17.6dBm
-13dBm
R
START 0Hz
STOP 1.950GHz
*RBW 1.0MHz
VBW 1.0MHz
SWP 50.0ms

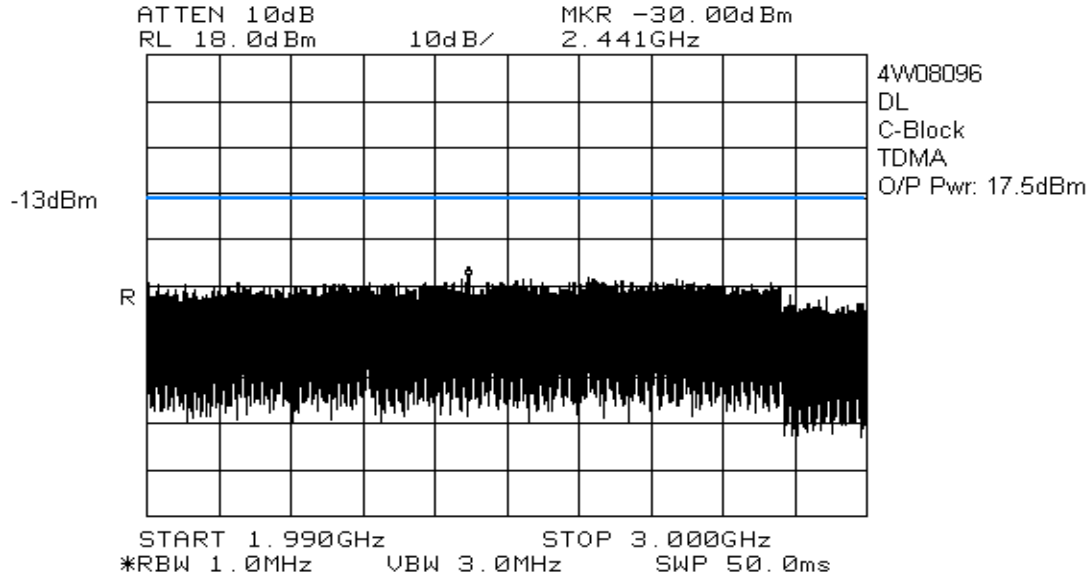

ATTEN 10dB
RL 17.6dBm
10dB/
MKR -29.07dBm
1.96576GHz
4W08096
DL
B-Block
GSM
O/P Pwr: 17.6dBm
-13dBm
R
START 1.96500GHz
STOP 2.00000GHz
*RBW 1.0MHz
VBW 1.0MHz
SWP 50.0ms

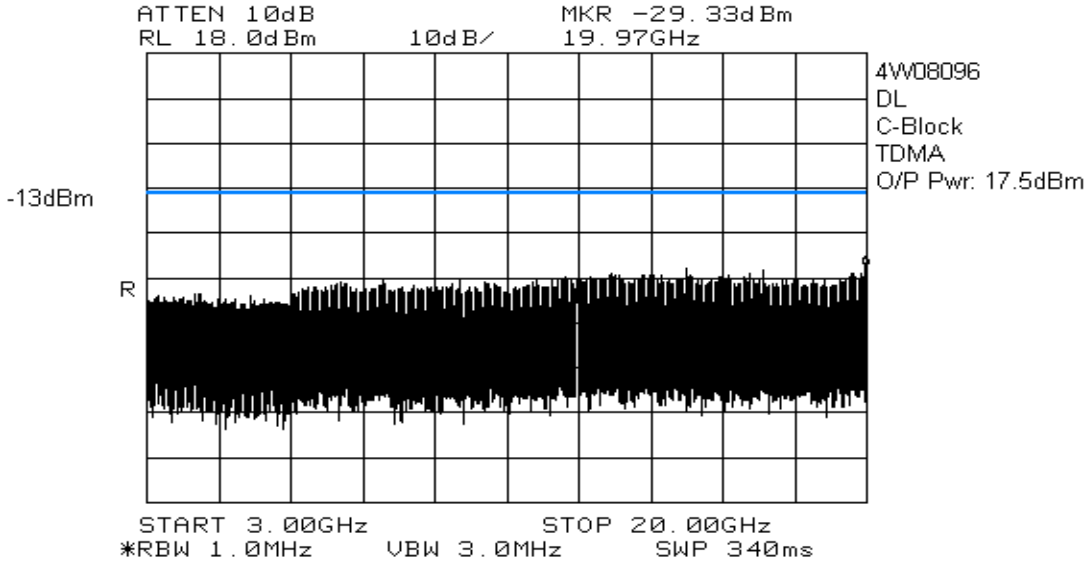

ATTEN 10dB
RL 17.6dBm
10dB/
MKR -30.57dBm
2.72GHz
4W08096
DL
B-Block
GSM
O/P Pwr: 17.6dBm
-13dBm
D
R
START 2.00GHz
STOP 20.00GHz
*RBW 1.0MHz
VBW 1.0MHz
SWP 360ms

C-Block
TDMA

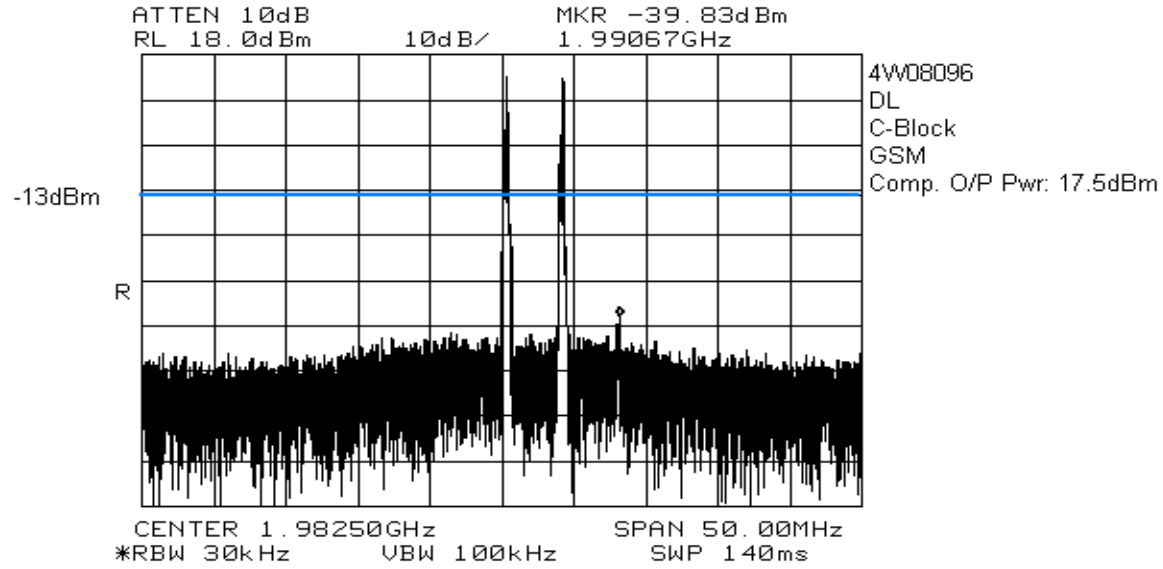

ATTEN 10dB
RL 18.0dBm
10dB/
MKR -36.33dBm
1.99033GHz
4W08096
DL
C-Block
TDMA
Comp. O/P Pwr: 17.5 dbm
R
CENTER 1.98250GHz
SPAN 50.00MHz
*RBW 30kHz
VBW 100kHz
SWP 140ms

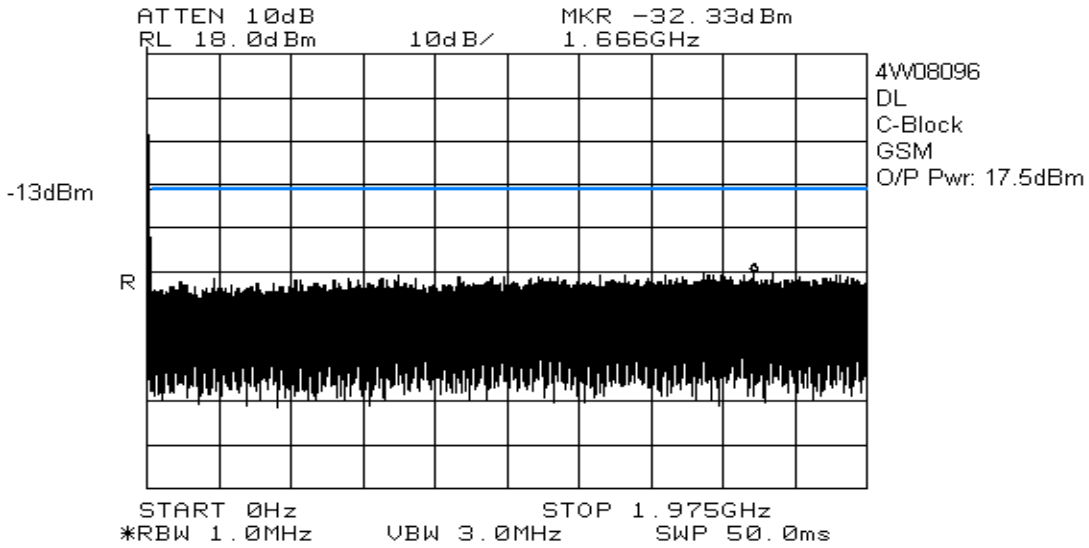

ATTEN 10dB
RL 18.0dBm
10dB/
MKR -30.50dBm
1.277GHz
4W08096
DL
C-Block
TDMA
O/P Pwr: 17.5dBm
-13dBm
R
START 0Hz
STOP 1.975GHz
*RBW 1.0MHz
VBW 3.0MHz
SWP 50.0ms

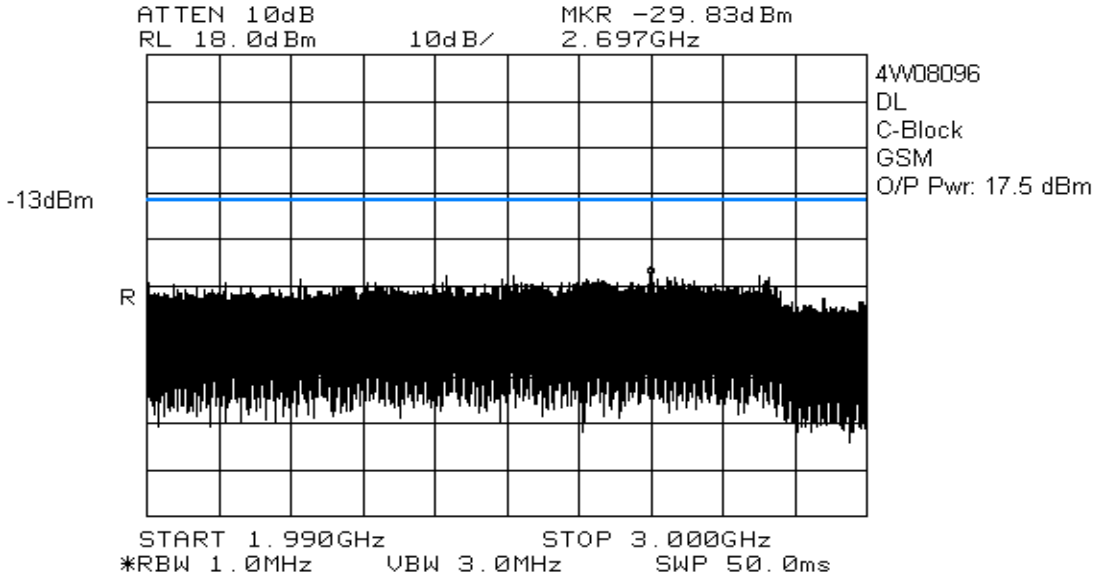

ATTEN 10dB
RL 18.0dBm
10dB/
MKR -30.00dBm
2.441GHz
4W08096
DL
C-Block
TDMA
O/P Pwr: 17.5dBm
-13dBm
R
START 1.990GHz
STOP 3.000GHz
*RBW 1.0MHz
VBW 3.0MHz
SWP 50.0ms

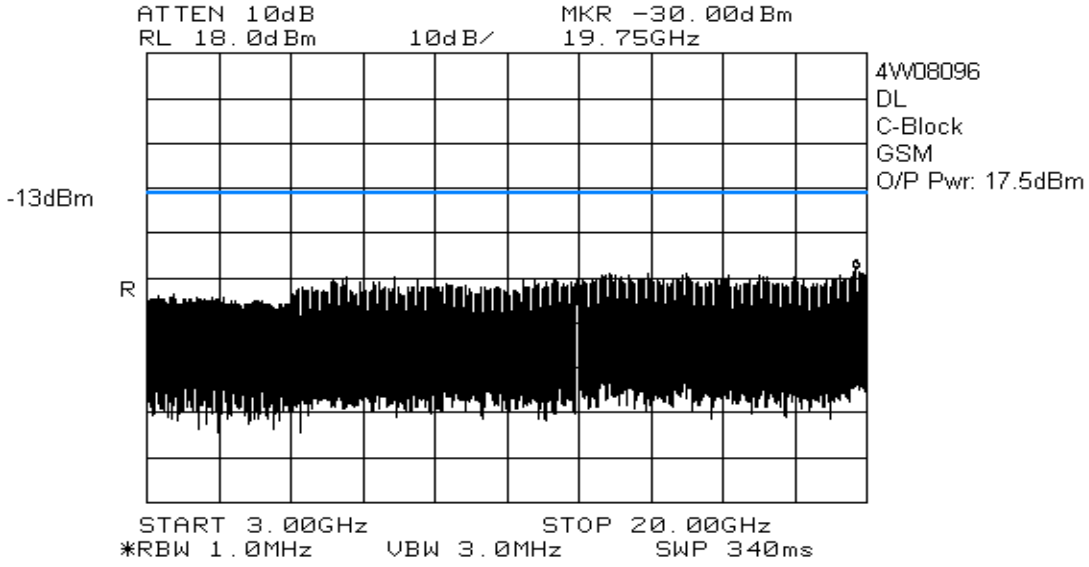

ATTEN 10dB
RL 18.0dBm
10dB/
MKR -29.33dBm
19.97GHz
4W08096
DL
C-Block
TDMA
O/P Pwr: 17.5dBm
-13dBm
R
START 3.00GHz
STOP 20.00GHz
*RBW 1.0MHz
VBW 3.0MHz
SWP 340ms

GSM

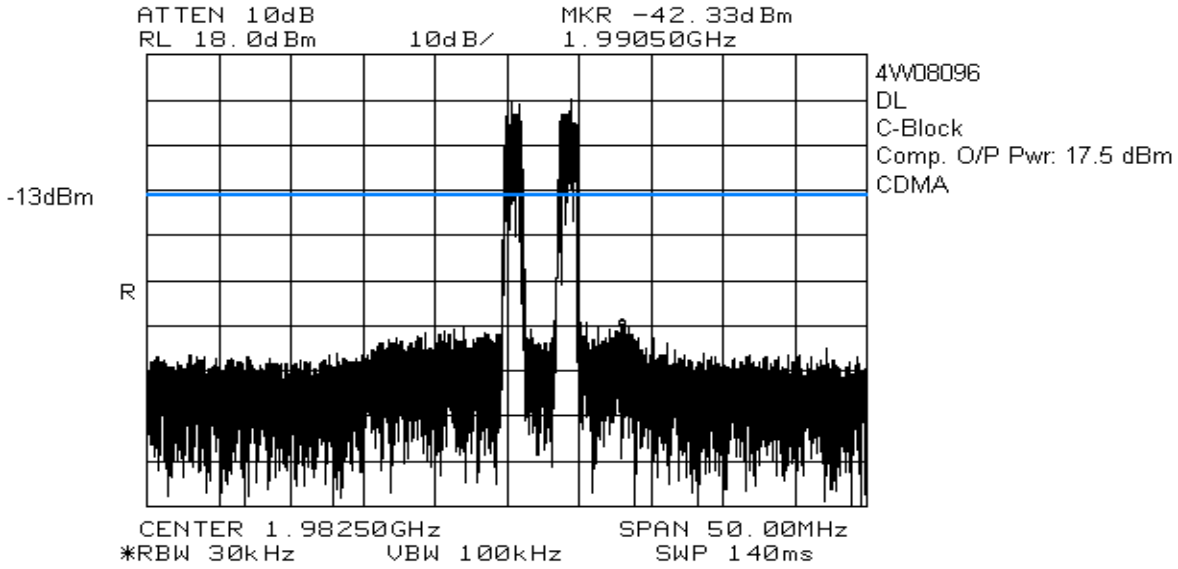

ATTEN 10dB
RL 18.0dBm
10dB/
MKR -39.83dBm
1.99067GHz
4W08096
DL
C-Block
GSM
Comp. O/P Pwr: 17.5dBm
-13dBm
R
CENTER 1.98250GHz
SPAN 50.00MHz
*RBW 30kHz
VBW 100kHz
SWP 140ms

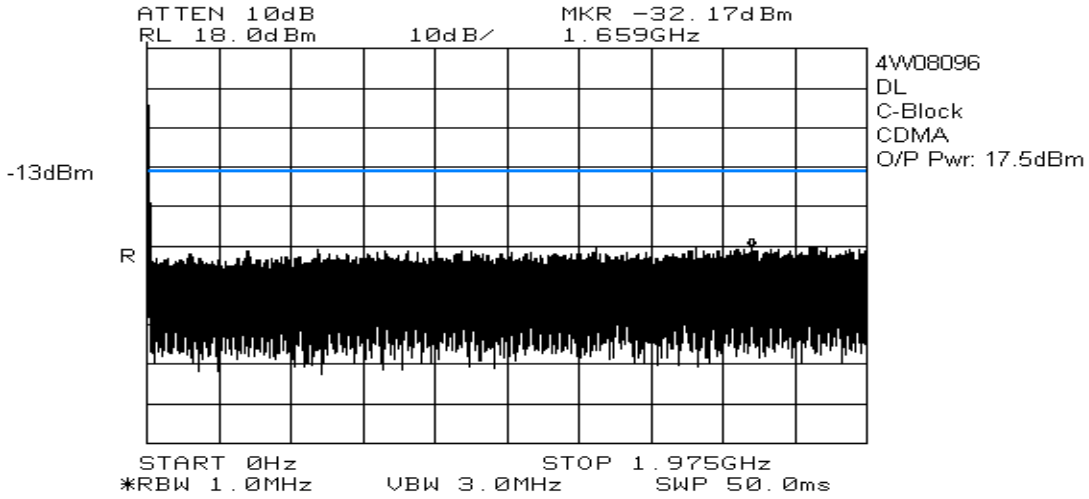

ATTEN 10dB
RL 18.0dBm
10dB/
MKR -32.33dBm
1.666GHz
4W08096
DL
C-Block
GSM
O/P Pwr: 17.5dBm
-13dBm
R
START 0Hz
STOP 1.975GHz
*RBW 1.0MHz
VBW 3.0MHz
SWP 50.0ms

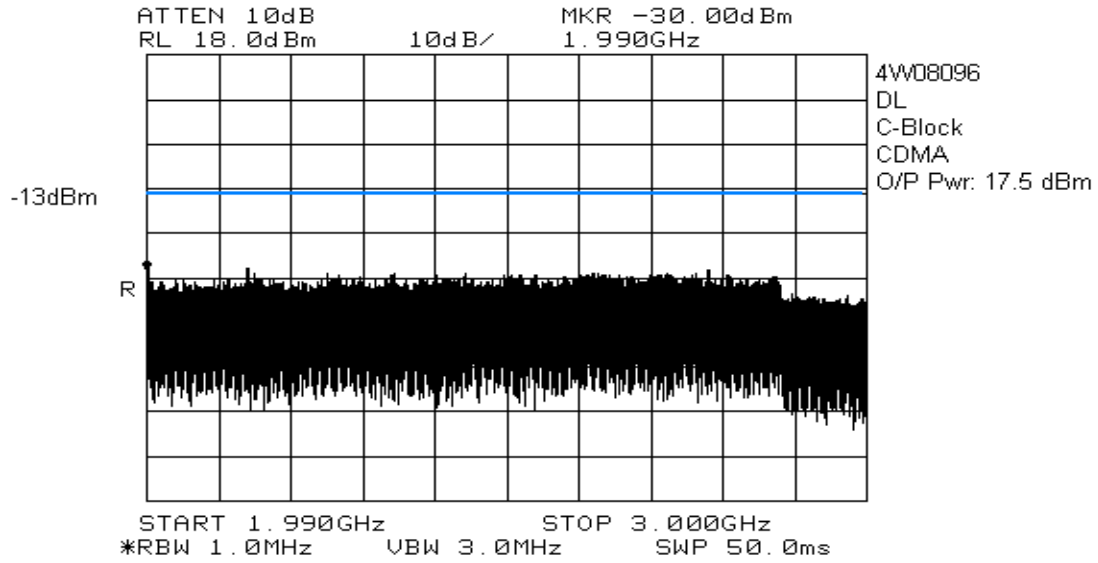

ATTEN 10dB
RL 18.0dBm
10dB/
MKR -29.83dBm
2.697GHz
4W08096
DL
C-Block
GSM
O/P Pwr: 17.5 dBm
-13dBm
R
START 1.990GHz
STOP 3.000GHz
*RBW 1.0MHz
VBW 3.0MHz
SWP 50.0ms

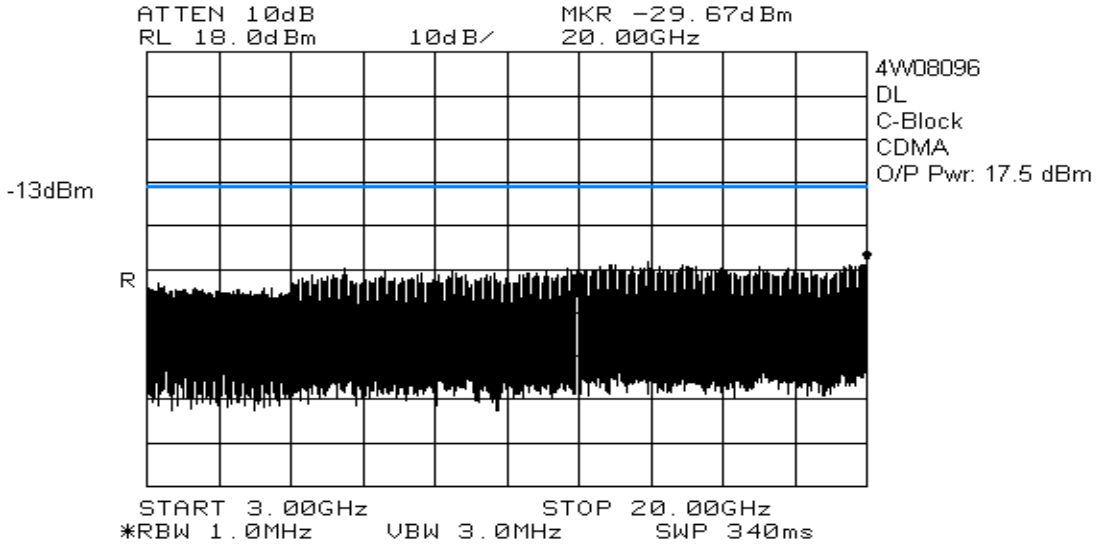

ATTEN 10dB
RL 18.0dBm
10dB/
MKR -30.00dBm
19.75GHz
4W08096
DL
C-Block
GSM
O/P Pwr: 17.5dBm
-13dBm
R
START 3.00GHz
STOP 20.00GHz
*RBW 1.0MHz
VBW 3.0MHz
SWP 340ms

CDMA


ATTEN 10dB
RL 18.0dBm
10dB/
MKR -42.33dBm
1.99050GHz
4W08096
DL
C-Block
Comp. O/P Pwr: 17.5 dBm
CDMA
-13dBm
R
CENTER 1.98250GHz
SPAN 50.00MHz
*RBW 30kHz
VBW 100kHz
SWP 140ms


ATTEN 10dB
RL 18.0dBm
10dB/
MKR -32.17dBm
1.659GHz
4W08096
DL
C-Block
CDMA
O/P Pwr: 17.5dBm
-13dBm
R
START 0Hz
STOP 1.975GHz
*RBW 1.0MHz
VBW 3.0MHz
SWP 50.0ms


ATTEN 10dB
RL 18.0dBm
10dB/
MKR -30.00dBm
1.990GHz
4W08096
DL
C-Block
CDMA
O/P Pwr: 17.5 dBm
-13dBm
R
START 1.990GHz
STOP 3.000GHz
*RBW 1.0MHz
VBW 3.0MHz
SWP 50.0ms


ATTEN 10dB
RL 18.0dBm
10dB/
MKR -29.67dBm
20.00GHz
4W08096
DL
C-Block
CDMA
O/P Pwr: 17.5 dBm
-13dBm
R
START 3.00GHz
STOP 20.00GHz
*RBW 1.0MHz
VBW 3.0MHz
SWP 340ms

Section 6. Field Strength of Spurious

Para. No.: 2.1053

Test Performed By: Daxesh Thakker	**Date of Test: 18 June 2004**

Minimum Standard: Para. No.: 24.238.

Test Results: Complied, UL data can be found on page 35, in report 4W07892, Issue 2 included in the submission package

Test Data: See the table.

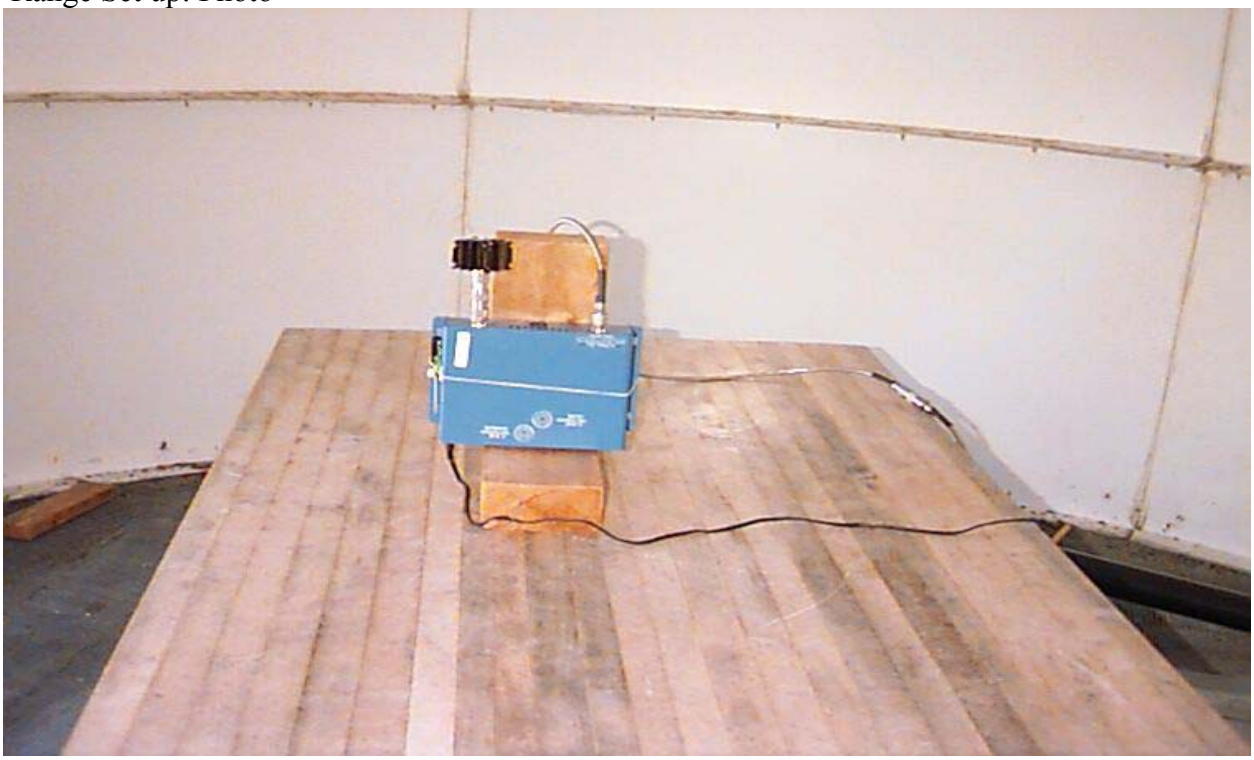
EQUIPMENT:
BDA-PCS/A-0.5/0.5W-70-A, BDA-PCS/B-0.5/0.5W-70-A, BDA-PCS/C-0.5/0.5W-70-A
BDA-PCS/D-0.5/0.5W-70-A, BDA-PCS/E-0.5/0.5W-70-A, BDA-PCS/F-0.5/0.5W-70-A

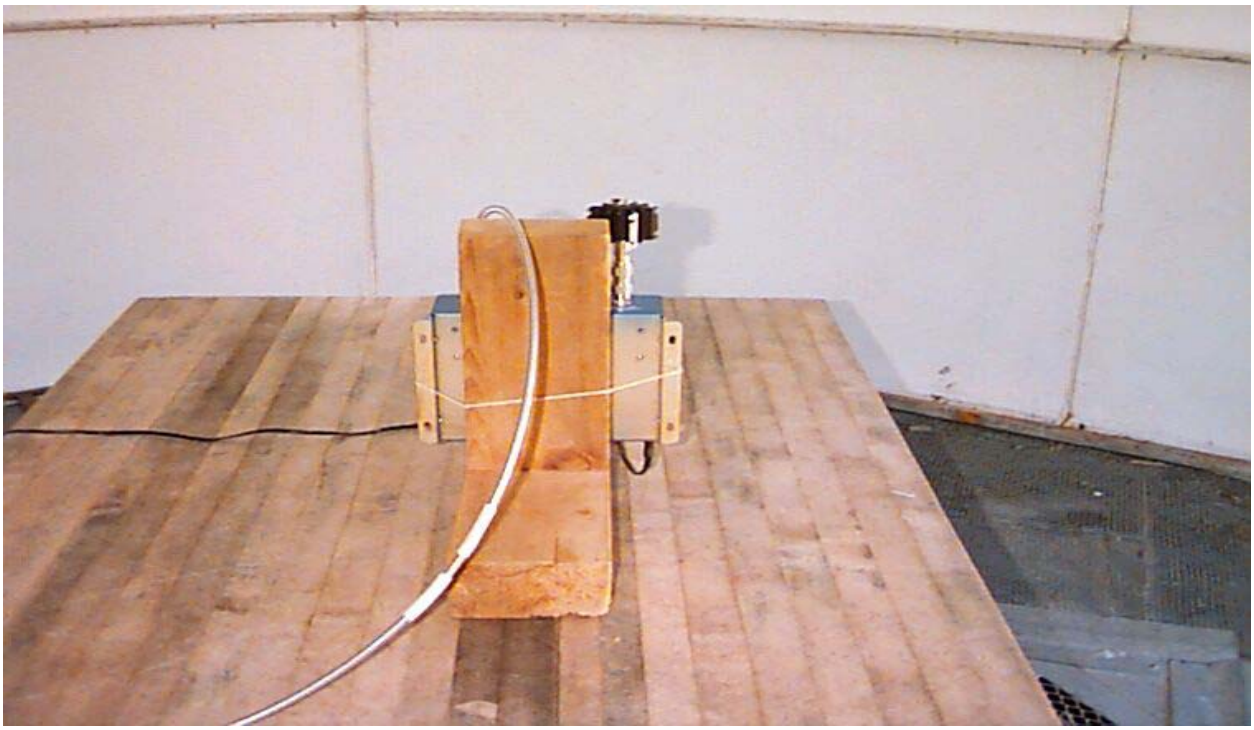
Radiated Disturbance Test Data:

Test Date: 18 June 2004									
Engineer's Name: Daxesh Thakker									
Temperature (C°): 21 Outdoor					Humidity: 52 % Outdoor				
Tested as per Table Top									
Test Distance (meters): 3					Range: 1				
Freq. (MHz)	Ant.	Pol. V/H	RCVD Signal (dBμV)	Sig Sub. Factor (dB)	Signal Substitution Power (dBm)	Limit (dBm)	Margin (dB)	Detector	Amp.
3860.4000	Horn1	V	60.8	-116.1	-55.3	-13.0	42.3	Peak	2 – 4 GHz
3860.4000	Horn1	H	60.5	-118.4	-57.9	-13.0	44.9	Peak	2 – 4 GHz
5790.6000	Horn1	V	62.5	-109.6	-47.1	-13.0	34.1	Peak	4 – 8 GHz
5790.6000	Horn1	H	62.3	-106.9	-44.6	-13.0	31.6	Peak	4 – 8 GHz
7720.8000	Horn1	V	58.5	-104.3	-45.8	-13.0	32.8	Peak	4 – 8 GHz
7720.8000	Horn1	H	58.2	-105.4	-47.2	-13.0	34.2	Peak	4 – 8 GHz
3915.0000	Horn1	V	59.7	-116.0	-56.3	-13.0	43.3	Peak	2 – 4 GHz
3915.0000	Horn1	H	59.0	-117.9	-58.9	-13.0	45.9	Peak	2 – 4 GHz
5872.5000	Horn1	V	61.9	-109.5	-47.6	-13.0	34.6	Peak	4 – 8 GHz
5872.5000	Horn1	H	61.5	-107.1	-45.6	-13.0	32.6	Peak	4 – 8 GHz
7830.0000	Horn1	V	58.0	-103.1	-45.1	-13.0	32.1	Peak	4 – 8 GHz
7830.0000	Horn1	H	57.7	-104.2	-46.5	-13.0	33.5	Peak	4 – 8 GHz
3979.6000	Horn1	V	67.0	-115.8	-48.8	-13.0	35.8	Peak	2 – 4 GHz
3979.6000	Horn1	H	61.7	-117.2	-55.5	-13.0	42.5	Peak	2 – 4 GHz
5969.4000	Horn1	V	59.8	-109.3	-49.5	-13.0	36.5	Peak	4 – 8 GHz
5969.4000	Horn1	H	59.3	-107.4	-48.1	-13.0	35.1	Peak	4 – 8 GHz
7959.2000	Horn1	V	56.7	-101.2	-44.5	-13.0	31.5	Peak	4 – 8 GHz
7959.2000	Horn1	H	55.8	-101.8	-46.0	-13.0	33.0	Peak	4 – 8 GHz

Note 1: Antenna Legend: BC = Biconical, BL = Bilog, LP = Log-Periodic, Horn = Horn, ED = EMCO Dipole
Note 2: Detector Legend: Q-Peak = 120 kHz RBW, Average = 1.0 MHz RBW
Note 3: The EUT was searched up the 10th harmonic of the fund.

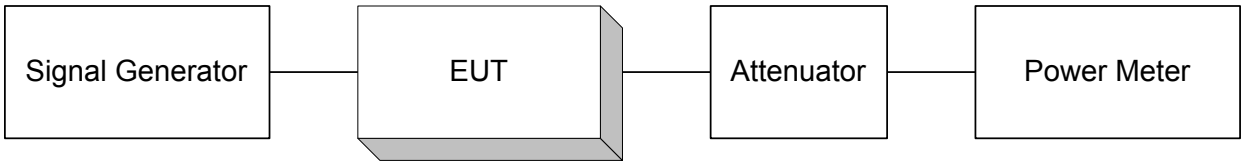
Range Set up: Photo



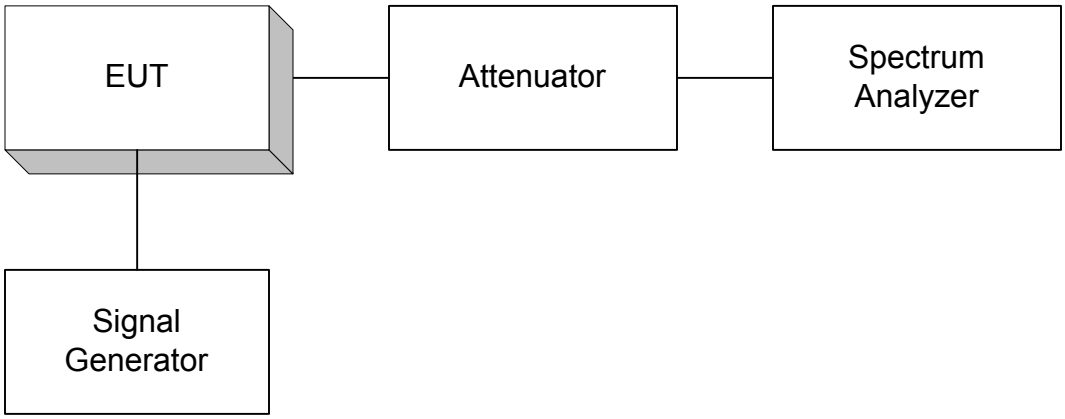


Section 7. Block Diagrams

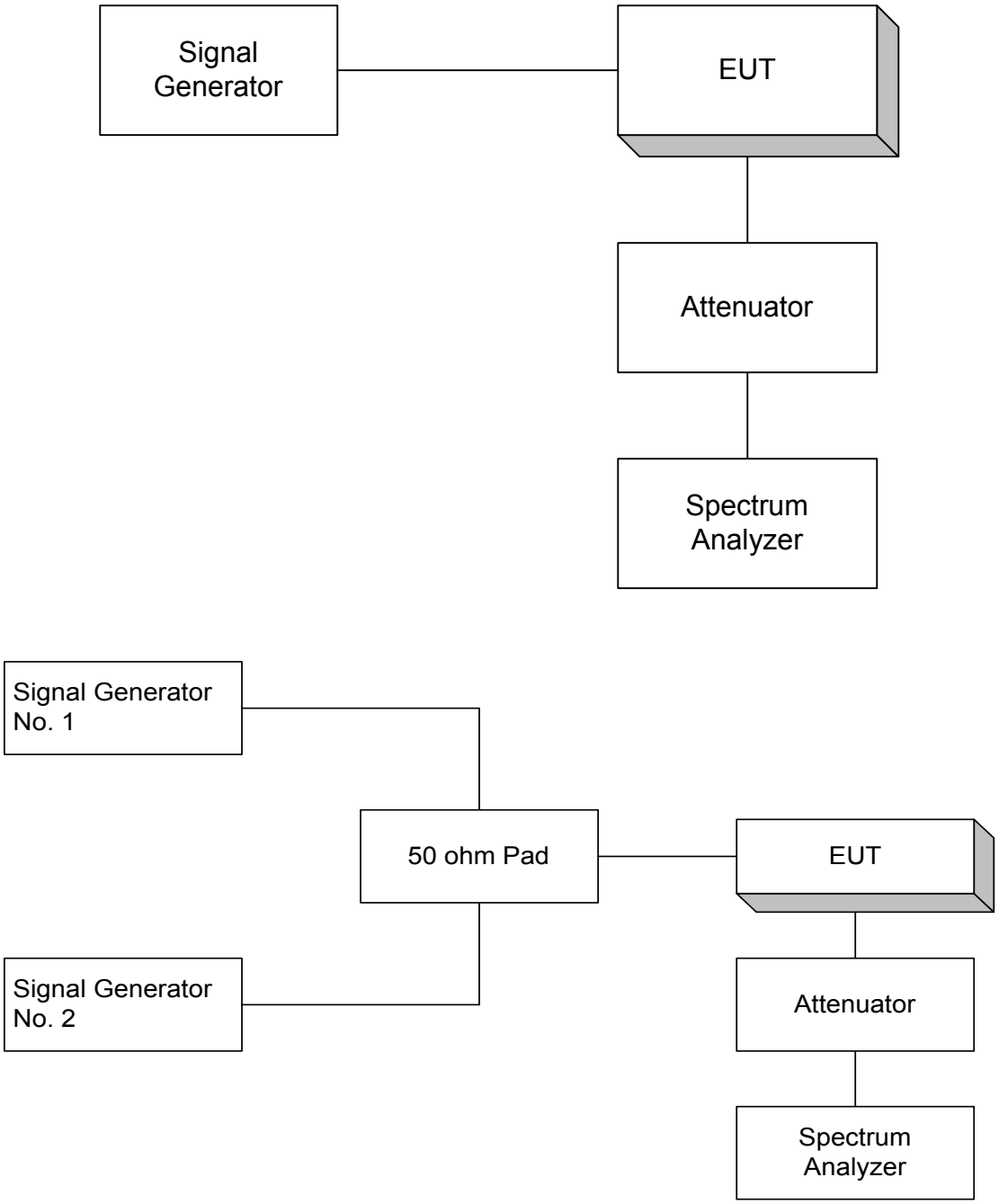
Para. No. 1046 - R.F. Power Output



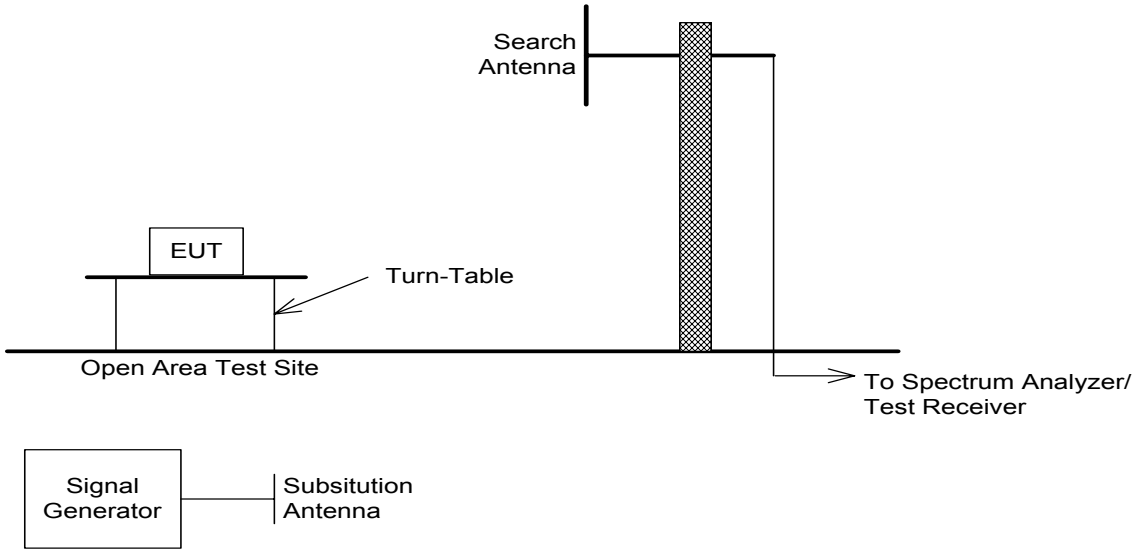
Para. No. 2.1049 - Occupied Bandwidth



Para. No. 2.1051 - Spurious Emissions at Antenna Terminals



Para. No. 2.1053 - Field Strength of Spurious Radiation



Section 8. Test Equipment List

CAL Cycle	Equipment	Manufacturer	Model No.	Asset/Serial No.	Last Cal.	Next Cal.
1 Year	Spectrum Analyzer	Hewlett-Packard	8565E	FA000981	July. 03/03	July. 03/04
1 Year	Horn Antenna #2	EMCO	3115	FA000825	Dec. 10/03	Dec. 10/04
1 Year	Horn 18 – 40 GHz	Electro-Metrics	3116	FA001847	Jan. 19/04	Jan. 19/05
1 Year	1.0 – 2.0 GHz Amplifier	JCA	12-400	FA001498	June. 18/03	June. 18/04
1 Year	2.0 – 4.0 GHz Amplifier	JCA	24-600	FA001496	June. 18/03	June. 18/04
1 Year	4.0 – 8.0 GHz Amplifier	JCA	48-600	FA001497	June. 18/03	June. 18/04
3 Year	Signal Generator	Rohde & Schwarz	SMIQ03	FA001091	Sept. 25/03	Sept. 25/06
1 Year	Signal Generator	Rohde & Schwarz	SMIQ03E	FA001269	Jan. 09/04	Jan. 09/05
COU	Coupler	Mini-Circuits	15542	FA001155	COU	COU
COU	Isolator	Narda	1530-10W	FA001585	COU	COU
COU	Isolator	Narda	1530-10W	FA001586	COU	COU
COU	Attn	Weinschel Corp.	47-10-34	FA001740	COU	COU
COU	Attn	Narda	769-20	FA001394	COU	COU
COU	5.0 – 18.0 GHz Amplifier	NARDA	DWT-186N23U40	FA001409	COU	COU
COU	18.0 – 26.0 GHz Amplifier	NARDA	BBS-1826N612	FA001550	COU	COU

Note: N/A = Not Applicable, NCR = No Cal Required, COU = CAL On Use, OUT = Out For CAL/Repair