

**Application for Certification  
For an RF amplifier**

**Janizary Holdings, Inc.  
2282 Townsgate Road, Suite 100  
Westlake Village, CA 91361**

**RF amplifier**

**FCC ID: RFK-DBSW819  
IC ID: 5252A-DBSW819**

**REPORT # RV78117A-004**

This report was prepared in accordance with the requirements of the FCC Rules and Regulations Part 2, Subpart J, 2.1031 through 2.1057, and Parts 22, and 24 and in accordance with Industry Canada Radio Standards Specification RSS-131 for Zone Enhancers and any other applicable sections of the rules as indicated herein.


Prepared By:

**DNB Engineering, Inc.  
5969 Robinson Avenue  
Riverside, Ca 92503-8620**


**Industry Canada Lab Code: IC 4738A-1**

09 Jul 2007

**TEST LAB PERSONNEL**

Test Performed by:	Date	Signature
Les Payne	09 Jul 2007	

**APPROVALS**

Quality Approval	Date	Signature
Tom Elders Quality Check	09 Jul 2007	

<b>Original report RV78117A-001</b>	<b>Dated 09 Jul 2007</b>
<b>Revised report RV78117A-002</b>	<b>Dated 26 Jul 2007</b>
<b>Revised report RV78117A-003</b>	<b>Dated 06 Aug 2007</b>
<b>Revised report RV78117A-004</b>	<b>Dated 15 Aug 2007</b>

## TABLE OF CONTENTS

### Section Sheet #

### Title

---

	Test Lab Personnel and Approvals	2
	Table of Contents	3
	Table of Figures	4
1.0	ADMINISTRATIVE DATA	5
1.1	Certifications and Qualifications	5
1.2	Measurements and Repeatability Information	5
1.3	Test Methodology	6
1.4	Test Equipment	6
1.5	Deviations	6
1.6	Test Description	7
Note:		
Paragraph numbers in this report follow the application section numbers found in the FEDERAL COMMUNICATIONS COMMISSION Rules and Regulations, Part 2, Subpart J for Certification of electronic equipment.		
2.1033 (C) (1)	Application for Certification	8
2.1033 (C) (2)	FCC Identifier	9
2.1033 (C) (3)	Installation and Operating Instructions (Service manual)	9
2.1033 (C) (4)	Type of Emissions	9
2.1033 (C) (5)	Frequency Range	9
2.1033 (C) (6)	Operating Power	9
2.1033 (C) (7)	Maximum Power Allowed in Applicable part(s) of the Rules	9
2.1033 (C) (8)	Final RF amplifier Input Power Characteristics	9
2.1033 (C) (9)	Tune Up Procedure	9
2.1033 (C) (10)	Schematic Diagram and Circuit Description	10
2.1033 (C) (11)	Equipment Identification Plate	10
2.1033 (C) (12)	Equipment Photographs (Internal)	10
2.1033 (C) (12)	Equipment Photographs (External)	10
2.1033 (C) (13)	Digital Modulation Techniques	10
2.1033 (C) (14)	Test Data	10
	Test Set-Up	11-12
2.1046 (RSS-131 c14.3)	Measurement of RF Power Output	13-44
2.1049 (RSS-131 c14.4)	Measurement of Occupied Bandwidth	45-155
2.1051 (RSS-131 c14.5)	Spurious Emissions at Antenna Terminals	156-186
2.1053	Measurement of Field Strength of Spurious Radiation	187-201
	Radiated Emissions	202-203
2.1055 (RSS-131 c14.5)	Measurement of Frequency Stability	204
2.1057	Frequency Spectrum to be Investigated	205
	RF Exposure	206-209
	Appendix A Photographs	211-214

**TABLE OF FIGURES**

Figure 1 : Test Equipment	6
Figure 2 : Test Result Summary	10
Figure 3 : Test Set Up Block Diagram	12
Figure 4 : Block Diagram Radiated Emissions	12
Figure 5 : Output Power Plots	15-44
Figure 6 : Occupied Bandwidth / Modulation Characteristic Plots	46-155
Figure 7 : Antenna Conducted Spurious Plots	157-186
Figure 8 : Radiated Spurious Tabular Data	188-201
Figure 9 : Unintentional Radiated Emissions	203
Appendix A : Photos	210

## 1.0 ADMINISTRATIVE DATA

---

### 1.1 Certifications and Qualifications

---

I certify that DNB Engineering, Inc conducted the tests performed in order to obtain the technical data presented in this application. Also, based on the results of the enclosed data, I have concluded that the equipment tested meets or exceeds the requirements of the Rules and Regulations governing this application.

### 1.2 Measurement Repeatability Information

---

The test data presented in this report has been acquired using the guidelines set forth in FCC Part 2.1031 through 2.1057, and Parts 22, and 24. Also included in this report is compliancy data for Industry Canada RS-131 for Zone Enhancers. The test results presented in this document are valid only for the equipment identified herein under the test conditions described. Repeatability of these test results will only be achieved with identical measurement conditions. These conditions include: The same test distance, EUT Height, Measurement Site Characteristics, and the same EUT System Components. The system must have the same Interconnecting Cables arranged in identical placement to that in the test set-up, with the system and/or EUT functioning in the identical mode of operation (i.e. software and so on) as on the date of the test. Any deviation from the test conditions and the environment on the date of the test may result in measurement repeatability difficulties.

All changes made to the EUT during the course of testing as identified in this test report must be incorporated into the EUT or identical models to ensure compliance with the FCC regulations.



C. L. Payne III (Para. 1.1)  
Sr Engineering Manager  
DNB Engineering, Inc.  
Tel. (951) 637-2630  
Fax (991) 637-2704  
E-mail [Les@dnbenginc.com](mailto:Les@dnbenginc.com)

### 1.3 Test Methodology

---

The tests were performed in accordance with FCC Part 2 Subpart J, 2.1031 through 2.1057, 15, and 22, 24, Industry Canada RSS-131 on a sample of the production model.

### 1.4 Test Equipment

---

FIGURE 1: TEST EQUIPMENT

Description	Manufacturer	M/N	S/N	Cal Due Date	Test Used On
Signal Generator	Rhode & Schwarz	SMU 200A	100094	11/28/07	RF Power Out put, Inter-Mod, Cond Spur, Rad Spur, Characteristics
Spectrum Analyzer	Agilent	E4407B	MY45103462	08/18/07	RF Power Out put, Inter-Mod, Cond Spur, Rad Spur, Characteristics, RE
S/A Display	H/P	85662A	2318A05282	10/06/07	RE
Spectrum Analyzer	H/P	85680B	2330A02791	10/06/07	RE
Q-P Adapter	H/P	85650A	2811A01240	10/06/07	RE
RF-Preselector	H/P	8566B	259101-2	10/06/07	RE
Bicon Antenna	AH Systems	SAS-200/540	524	01/02/09	RE
Logarithmic Antenna	EMCO	3146	1284	01/03/09	RE
DRG Antenna	EMCO	3115	2280	02-03/08	RE
DRG Antenna	EMCO	3115	2281	10/04/08	RE,Rad spur
50 ohm Load	Decibel	DB4303G	2309	1/11/08	RF Power Out put, Inter-Mod, Cond Spur, Rad Spur, Characteristics, RE
Directional Coupler	DNB	DNBDCRIV	12401	09/08/07	RF Power Out put, Inter-Mod, Cond Spur, Characteristics

### 1.5 DEVIATIONS

---

#### Deviations/Modifications to the EUT

None.

#### Deviations/Modifications from test standard.

None

## 1.6 TEST DESCRIPTION

---

**1.6.1 RF Power Output**  
For RF amplifier.

**1.6.2 Emissions Limitation and Occupied Bandwidth**  
Occupied Bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are equal to 0.5 percent of the total mean power radiated by a given emission. (also known as the 99% bandwidth)

**1.6.3 Conducted Spurious Emissions at Antenna Terminals**  
Conducted Spurious Emissions are emissions at the antenna terminals on a frequency or frequencies which are outside an occupied band sufficient to ensure transmission of information of required quality for the class of communication desired. The reduction in the level of these spurious emissions will not affect the quality of the information being transmitted.

**1.6.4 Radiated Field Strength of Spurious Emissions**  
Emissions from the equipment when connected into a non-radiating load on a frequency or frequencies which are outside an occupied band sufficient to ensure transmission of information of required quality for the class of communication desired. The reduction in the level of these spurious emissions will not affect the quality of the information being transmitted.

**1.6.5 Conducted Emissions**  
Emissions which are conducted onto the AC power mains.

**1.6.6 Radiated Emissions**  
Emissions which emanate from the EUT.

2.1033 (C) (1) Application for Certification

---

Name of Applicant: Janizary Holdings, Inc.  
2282 Townsgate Road, Suite 100  
Westlake Village, CA 91361

FRN: 0009486226

Applicant is: X Manufacturer  
Vendor  
Licensee  
Prospective Licensee  
Other

Name of Manufacturer: Janizary Holdings, Inc.

Description: RF amplifier

Part Number: DBSW819

Anticipated Production Quantity: Multiple Units

Applicable FCC Parts: 22, and 24

Applicable IC Standard: RSS-131

FCC ID No: RFK-DBSW819

IC ID No: 5252A-DBSW819

FCC Emissions Designator: 22H F1D and F8W  
22H GXW  
22.901(d) DXW  
24E F1D and F8W  
24E GXW  
24E DXW  
24E F9W

Frequency Range: Uplink 824.025-848.975 MHz  
Uplink 1850.025-1909.975 MHz  
Downlink 869.025-893.975 MHz  
Downlink 1930.025-1989.975 MHz

Rated Conducted Output: 0.330W (25.19dBm) 824.025-848.975 MHz  
0.167W (22.23dBm) 1850.025-1909.975 MHz  
0.004W ( 6.02dBm) 869.025-893.975 MHz  
0.0066W ( 8.20dBm) 1930.025-1989.975 MHz



**2.1033 (C) (2) FCC Identifier**

---

FCC ID: RFK-DBSW819

**2.1033 (C) (3) Installation Instruction and Manual** Customer will provide.

---

**2.1033 (C) (4) Type of Emission**

---

824.025 – 848.975 MHz	22H	F1D and F8W 40K0F1D
824.200 – 848.800 MHz	22H	GXW 300KGXW
824.025 – 848.975 MHz	22.901(d)	DXW 30K0DXW
1850.025 – 1909.975 MHz	24E	F1D and F8W 40K0F1D
1850.200 – 1909.800 MHz	24E	GXW 300KGXW
1850.025 – 1909.975 MHz	24E	DXW 30K0DXW
1851.000 – 1909.000 MHz	24E	F9W 1M25F9W

**2.1033 (C) (5) Frequency Range**

---

Uplink	824.025 – 848.975 MHz	Downlink	869.025 – 893.975 MHz
Uplink	1850.025 – 1909.975 MHz	Downlink	1930.025 – 1989.975 MHz

**2.1033 (C) (6) Operating Power (Conducted)**

---

Uplink	824.025 – 848.975 MHz	0.330W	(25.19dBm)
Downlink	869.025 – 893.975 MHz	0.004W	( - 6.02dBm)
Uplink	1850.025 – 1909.975 MHz	0.167W	(22.23dBm)
Downlink	1930.025 – 1989.975 MHz	0.0066W	( - 8.20dBm)

**2.1033 (C) (7) Maximum Power Allowed in Applicable Part(s) of the Rules**

---

<u>RULES PART</u>	<u>MAXIMUM POWER (WATTS)</u>
Part 22	7
Part 24	2

**2.1033 (C) (8) Input Power Characteristics** 1.00 mW Maximum

**2.1033 (C) (9) Tune Up Procedure** Customer will provide.

**2.1033 (C) (10) Schematic Diagram and Circuit Description**

Customer will provide.

**2.1033 (C) (11) Equipment Identification Plate**

Customer will provide.

**2.1033 (C) (12) Equipment Photographs - Internal**

Customer will provide.

**2.1033 (C) (12) Equipment Photographs - External**

Customer will provide.

**2.1033 (C) (13) Digital Modulation Techniques**

AMPS / CDMA / TDMA /GSM

**2.1033 (c) (14) Test Data**

See 2.1046-2.1053 and Radiated Emissions

FIGURE 2: TEST RESULT SUMMARY

<b>NAME OF TEST</b>	<b>FCC PARA. NO.</b>	<b>Industry Canada No. (RSS-131)</b>	<b>RESULTS</b>
RF Power Output	2.1046	RSS-131 Cl 4.3	Complies
Emissions Limitations: TDMA	2.1049	RSS-131 Cl 4.2	Complies
Emissions Limitations: GSM	2.1049	RSS-131 Cl 4.2	Complies
Occupied Bandwidth: TDMA/GSM	2.1049	RSS-131 Cl 4.2	Complies
Conducted Spurious Emissions at Antenna Terminals	2.1051	RSS-131 Cl 4.4	Complies
Radiated Field Strength of Spurious Emissions	2.1053	RSS-131 Cl 4.4	Complies
Radiated Emissions	15 Class B	CIPSR 22 Class B	Complies
Intermodulation		RSS-131 Cl 4.3 RSS-131 Cl 4.4	Complies

2.1033 (c) (14) Photograph of Test Set Up



2.1033 (c) (14)

FIGURE 3: TEST SET UP BLOCK DIAGRAM FOR RF POWER OUTPUT, EMISSIONS LIMITATIONS GSM/TDMA, OCCUPIED BANDWIDTH GSM/TDMA, CONDUCTED SPURIOUS EMISSIONS AT ANTENNA TERMINALS.

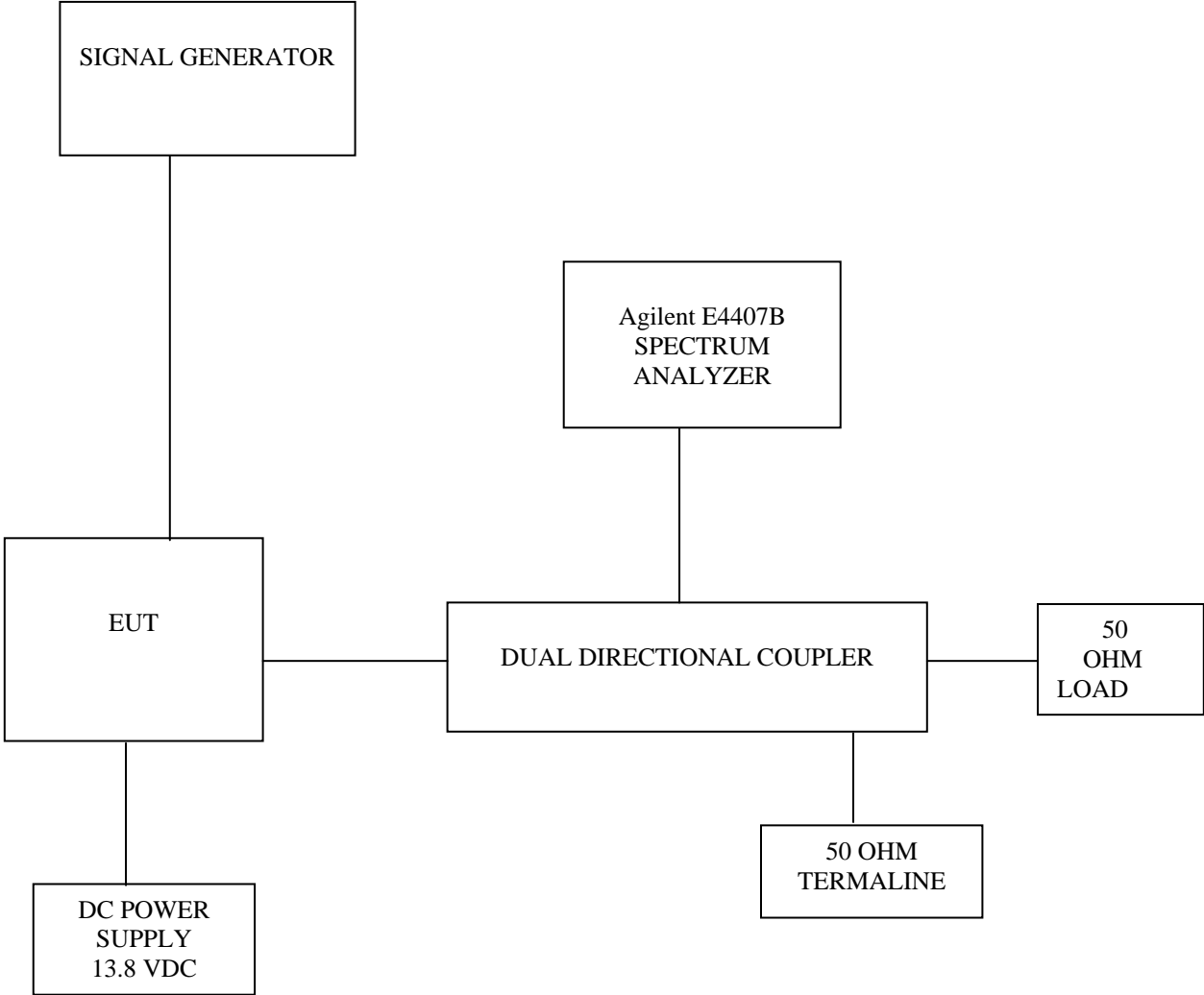
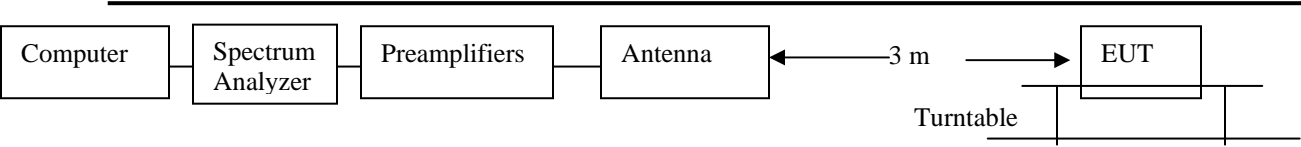


FIGURE 4: TEST SET UP BLOCK DIAGRAM FOR RADIATED EMISSIONS



## 2.1046

## Measurement of RF Power Output (IC RSS-131 CI 4.3)

Definition: For RF amplifier

Test Method: See FIGURE 1.

Output Power is measured across a precision 50 ohm load with a Spectrum Analyzer. For all measurements the maximum signal was determined by input the signal until the unit would no longer amplify the signal. This signal has been plotted in the section as modulation characteristics as input (EUT removed form circuit) and output (EUT inserted in circuit). For the power measurement, typical signal is used. (GSM / TDMA )

Test Results: Frequency Range 824 - 894

### Uplink

Signal Type	Freq (MHz)	Power (dBm)	Power (W)	Characteristics (dBm)		
				In	Out	Gain
GSM	824.200	23.93	0.247	3.965	23.48	19.515
GSM	836.500	24.24	0.265	4.144	23.79	19.646
GSM	848.800	22.35	0.172	4.192	21.87	17.678
TDMA	824.025	24.63	0.290	2.398	23.64	21.242
TDMA	836.500	25.19	0.330	3.809	22.84	19.031
TDMA	848.975	22.88	0.194	3.621	20.38	16.759

### Downlink

Signal Type	Freq (MHz)	Power (dBm)	Power (W)	Characteristics (dBm)		
				In	Out	Gain
GSM	869.200	4.71	0.003	-2.900	2.700	5.600
GSM	881.500	6.27	0.004	-2.100	4.200	6.300
GSM	893.800	5.71	0.004	-0.500	4.100	4.600
TDMA	869.025	-0.89	0.001	-5.100	-1.700	3.400
TDMA	881.500	1.83	0.002	-4.000	-0.600	3.400
TDMA	893.975	4.89	0.003	-2.000	3.700	5.700

## 2.1046

## Measurement of RF Power Output (IC RSS-131 CI 4.3)

Definition: For RF amplifier

Test Method: See FIGURE 1.

Output Power is measured across a precision 50 ohm load with a Spectrum Analyzer. For all measurements the maximum signal was determined by input the signal until the unit would no longer amplify the signal. This signal has been plotted in the section as modulation characteristics as input (EUT removed form circuit) and output (EUT inserted in circuit). For the power measurement, typical signal is used. (GSM / TDMA / CDMA)

Test Results: Frequency Range 1850 - 1990:


### Uplink


Signal Type	Freq (MHz)	Power (dBm)	Power (W)	Characteristics (dBm)		
				In	Out	Gain
GSM	1850.200	19.89	0.097	3.711	19.27	15.559
GSM	1880.000	21.49	0.141	3.717	20.87	17.153
GSM	1909.800	17.89	0.062	3.916	17.25	13.334
TDMA	1850.025	20.06	0.101	3.000	18.51	15.510
TDMA	1880.000	22.23	0.167	2.977	20.94	17.963
TDMA	1909.975	18.02	0.063	2.852	17.02	14.168
CDMA	1851.000	19.98	0.125	-2.042	13.56	15.602
CDMA	1880.000	20.81	0.121	-2.111	14.44	16.551
CDMA	1909.000	18.15	0.065	-2.070	11.75	13.820

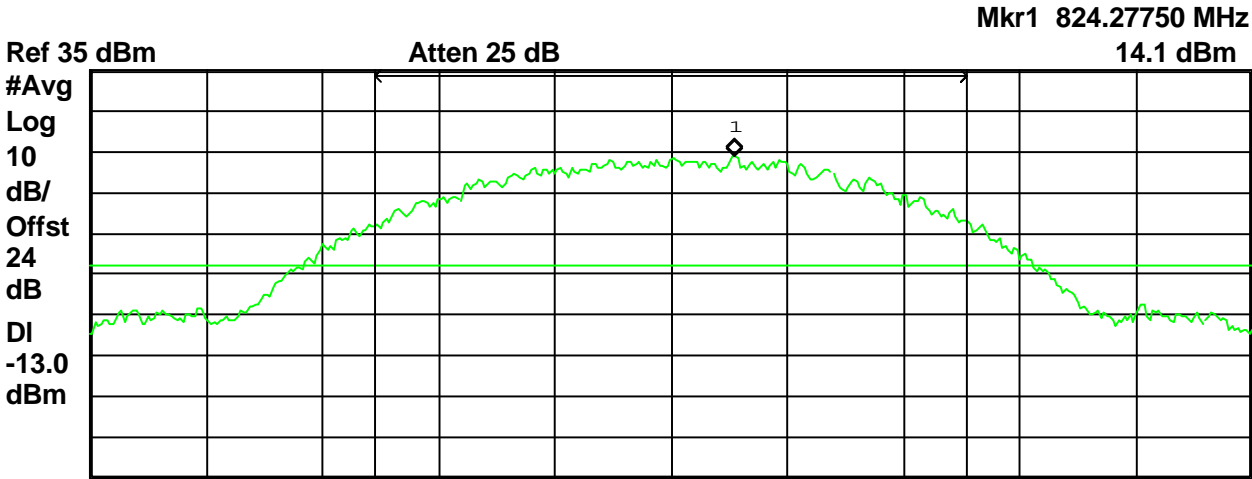
### Downlink

Signal Type	Freq (MHz)	Power (dBm)	Power (W)	Characteristics (dBm)		
				In	Out	Gain
GSM	1930.200	4.07	.0026	-4.000	2.400	6.400
GSM	1960.000	8.18	.0066	-3.500	5.300	8.800
GSM	1989.800	3.33	.0022	-7.700	1.000	8.700
TDMA	1930.025	5.60	.0036	-2.900	4.500	7.400
TDMA	1960.000	6.54	.0045	-3.700	4.400	8.100
TDMA	1989.975	8.08	.0064	-0.200	4.500	4.700
CDMA	1931.000	0.04	.0010	-3.800	-1.400	2.400
CDMA	1960.000	1.09	.0013	-3.200	-1.200	2.000
CDMA	1989.000	-0.15	.0010	-3.300	-2.400	0.900

FIGURE 5: OUTPUT POWER PLOTS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Output Power</b>	
	DNB Job Number:	78117	Date:	11 Jun 2007
Customer:	Janizary Holdings, Inc.			<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Model Number:	DBSW819			
Description:	RF amplifier			
	Uplink GSM 824.200 MHz			

 Agilent 15:47:16 Jun 11, 2007




Center 824.2 MHz Span 500 kHz  
 #Res BW 3 kHz #VBW 30 kHz Sweep 88.13 ms (401 pts)

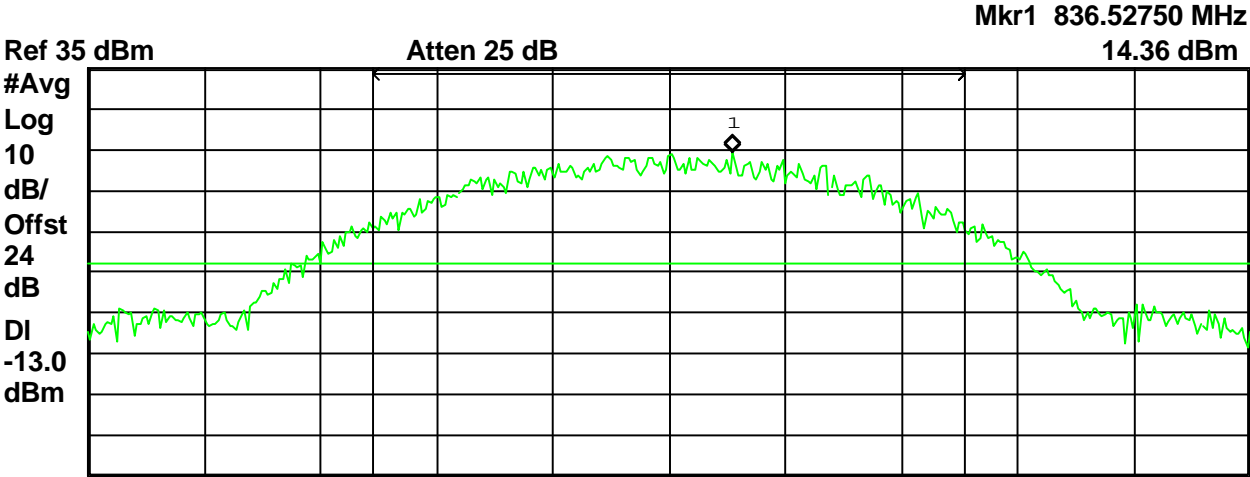
Channel Power Power Spectral Density  
 23.93 dBm / 255.0000 kHz -30.14 dBm/Hz



FIGURE 5: OUTPUT POWER PLOTS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Output Power</h3>	
	DNB Job Number: 78117	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Uplink GSM 836.500 MHz				

Agilent 15:48:32 Jun 11, 2007




Center 836.5 MHz Span 500 kHz  
 #Res BW 3 kHz #VBW 30 kHz Sweep 88.13 ms (401 pts)

Channel Power Power Spectral Density  
 24.24 dBm / 255.0000 kHz -29.82 dBm/Hz





FIGURE 5: OUTPUT POWER PLOTS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Output Power</b>	
	DNB Job Number:	78117	Date:	11 Jun 2007
Customer:	Janizary Holdings, Inc.			<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Model Number:	DBSW819			
Description:	RF amplifier			
	Uplink GSM 848.800 MHz			

Agilent 15:49:25 Jun 11, 2007

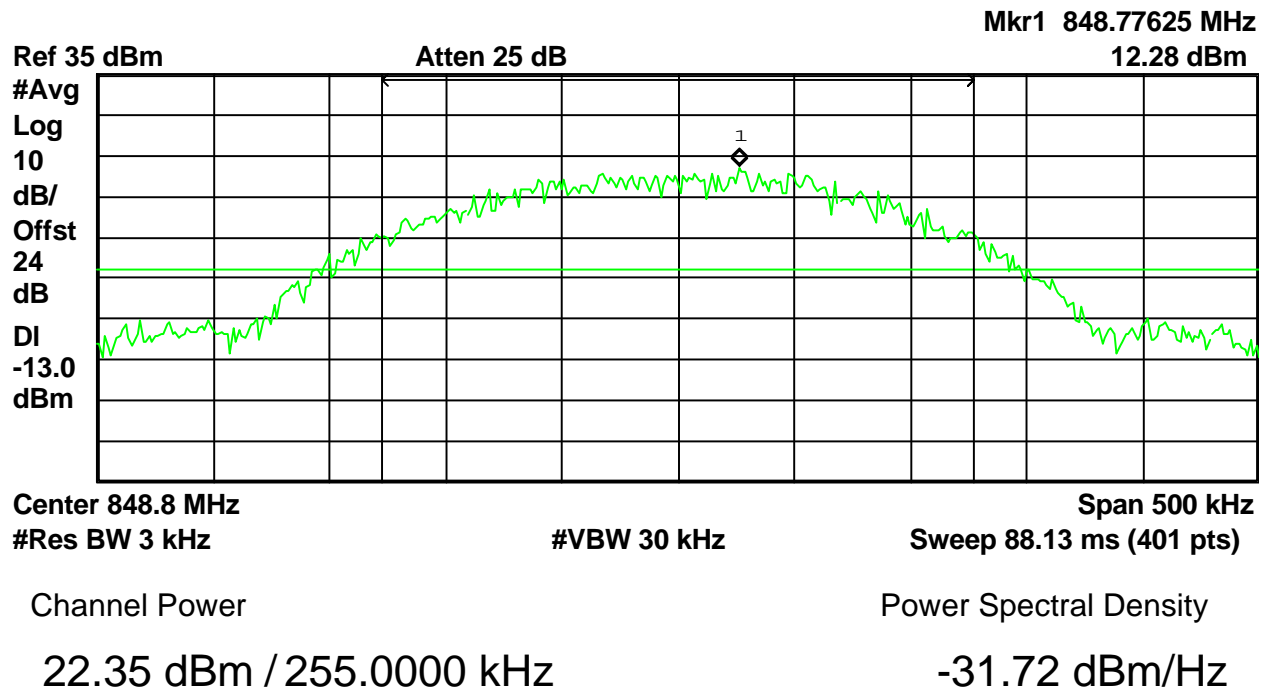



FIGURE 5: OUTPUT POWER PLOTS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Output Power</b>	
	DNB Job Number:	78117	Date:	11 Jun 2007
Customer:	Janizary Holdings, Inc.			<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Model Number:	DBSW819			
Description:	RF amplifier			
	Uplink GSM 1850.200 MHz			

Agilent 17:59:16 Jun 11, 2007

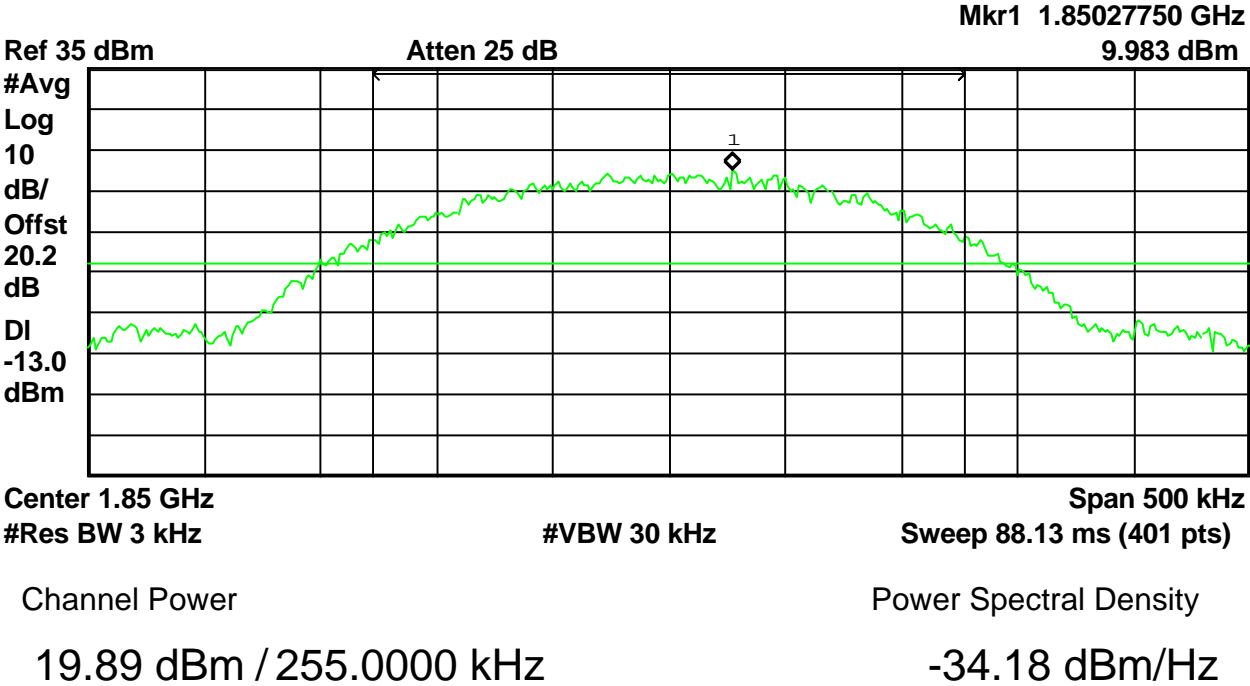

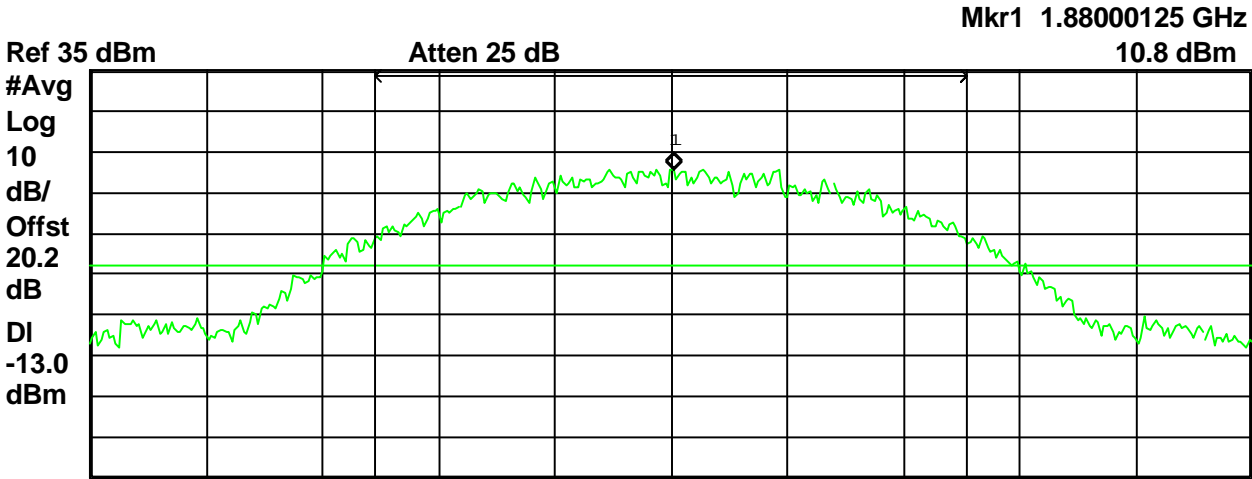


FIGURE 5: OUTPUT POWER PLOTS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Output Power</b>		
	DNB Job Number: 78117	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24		
Customer: Janizary Holdings, Inc.					
Model Number: DBSW819					
Description: RF amplifier					
	Uplink GSM 1880.000 MHz				

Agilent 17:59:59 Jun 11, 2007




Center 1.88 GHz Span 500 kHz  
 #Res BW 3 kHz #VBW 30 kHz Sweep 88.13 ms (401 pts)

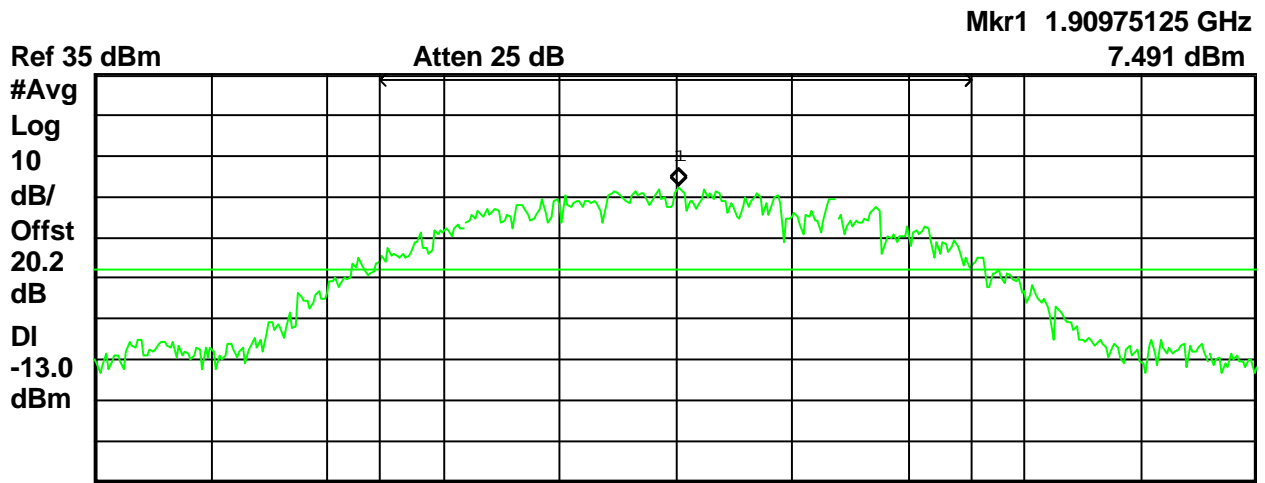
Channel Power Power Spectral Density  
 21.49 dBm / 255.0000 kHz -32.58 dBm/Hz



FIGURE 5: OUTPUT POWER PLOTS, UPLINK.

		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Output Power</b>	
DNB Job Number:	78117	Date:	11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer:	Janizary Holdings, Inc.				
Model Number:	DBSW819				
Description:	RF amplifier				
		Uplink GSM 1909.800 MHz			

\* Agilent 18:00:36 Jun 11, 2007



**Center 1.91 GHz**                      **Span 500 kHz**  
**#Res BW 3 kHz**                      **#VBW 30 kHz**                      **Sweep 88.13 ms (401 pts)**

Channel Power


17.89 dBm / 255.0000 kHz

Power Spectral Density

-36.17 dBm/Hz



FIGURE 5: OUTPUT POWER PLOTS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Output Power</h3>	
	DNB Job Number: 78117 Customer: Janizary Holdings, Inc. Model Number: DBSW819 Description: RF amplifier Uplink TDMA 824.025 MHz	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

Agilent 05:33:06 Jun 12, 2007

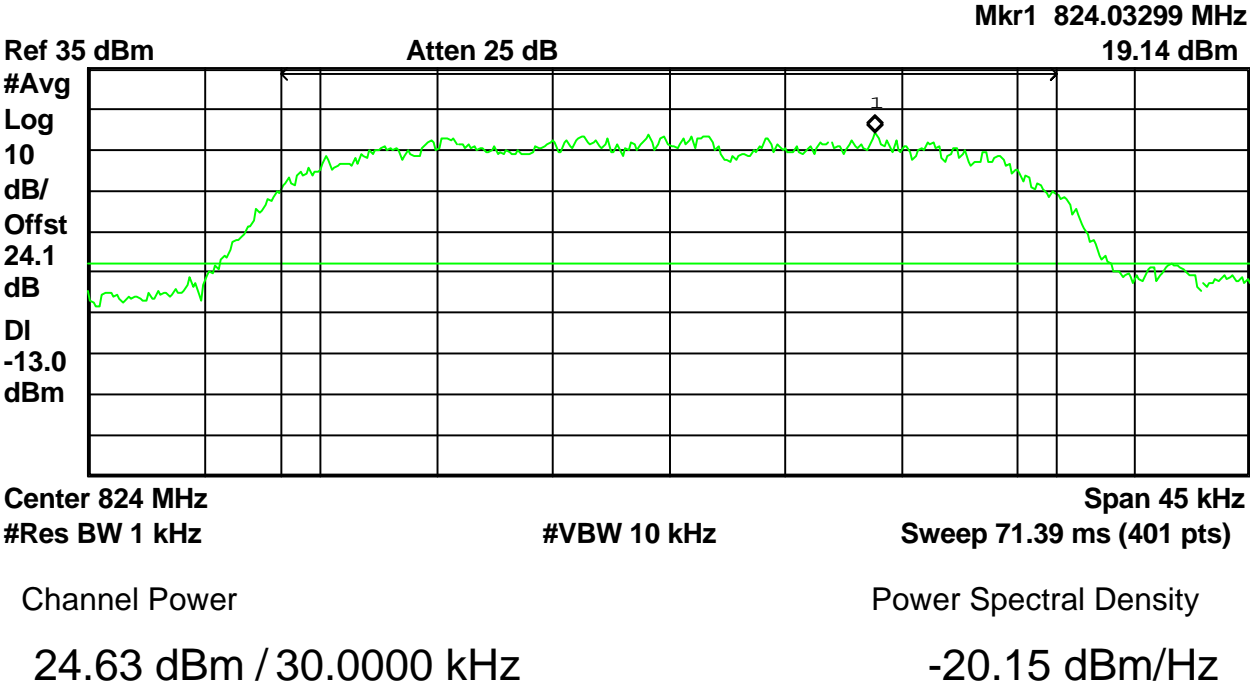



FIGURE 5: OUTPUT POWER PLOTS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Output Power</b>	
DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.	<b>Conformance Standards</b> <input checked="" type="checkbox"/> IC RSS-131 <input checked="" type="checkbox"/> FCC Part 22 <input checked="" type="checkbox"/> FCC Part 24	
Model Number:	DBSW819		
Description:	RF amplifier		
Uplink TDMA 836.5 MHz			

Agilent 05:34:34 Jun 12, 2007

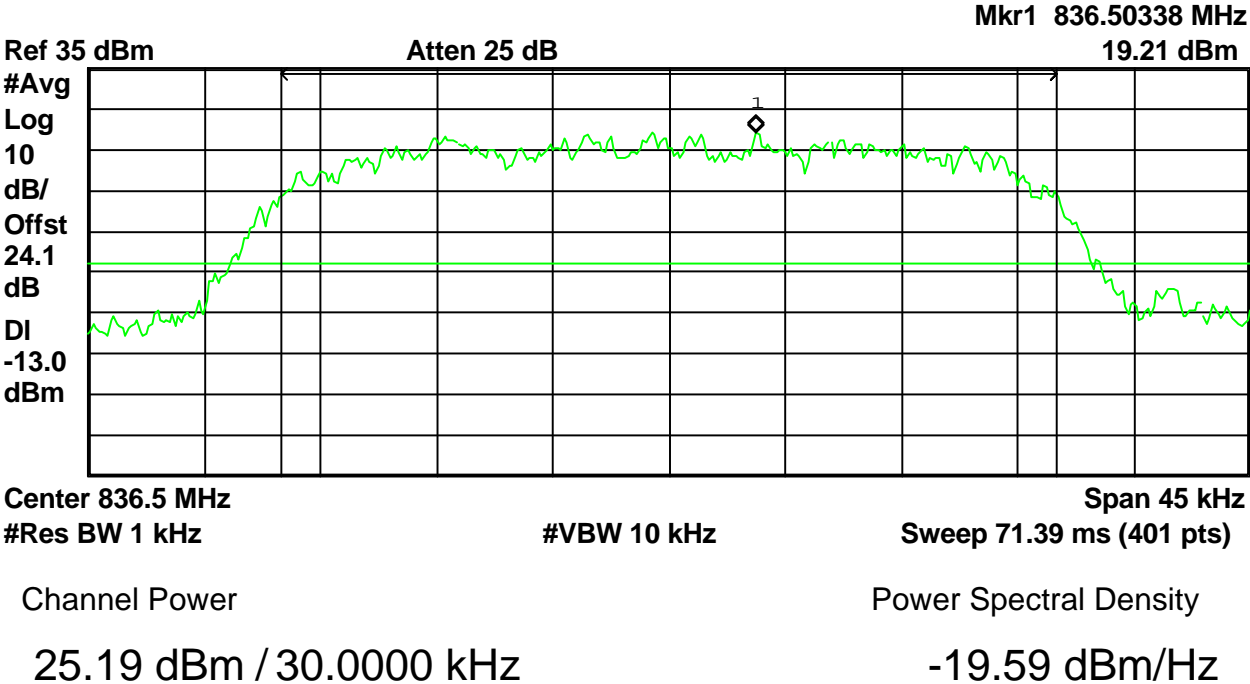

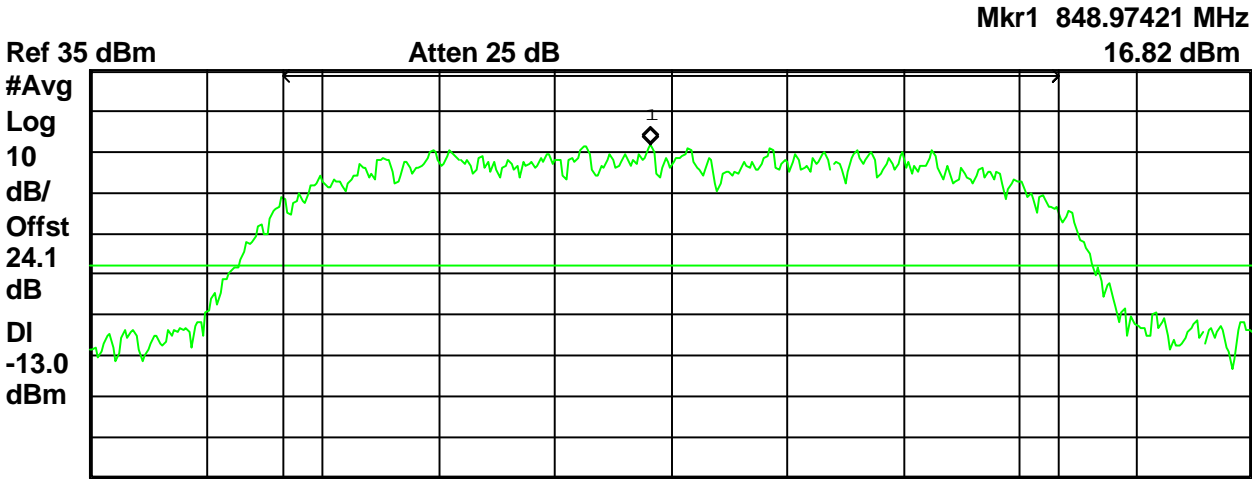


FIGURE 5: OUTPUT POWER PLOTS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Output Power</h3>	
	DNB Job Number: 78117 Customer: Janizary Holdings, Inc. Model Number: DBSW819 Description: RF amplifier Uplink TDMA 848.975 MHz	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

Agilent 05:35:27 Jun 12, 2007




Center 849 MHz #Res BW 1 kHz #VBW 10 kHz Sweep 71.39 ms (401 pts)  
 Span 45 kHz

Channel Power 22.88 dBm / 30.0000 kHz  
 Power Spectral Density -21.90 dBm/Hz



FIGURE 5: OUTPUT POWER PLOTS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Output Power</h3>	
	DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.			<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Model Number:	DBSW819			
Description:	RF amplifier			
	Uplink TDMA 1850.025 MHz			

Agilent 06:27:31 Jun 12, 2007

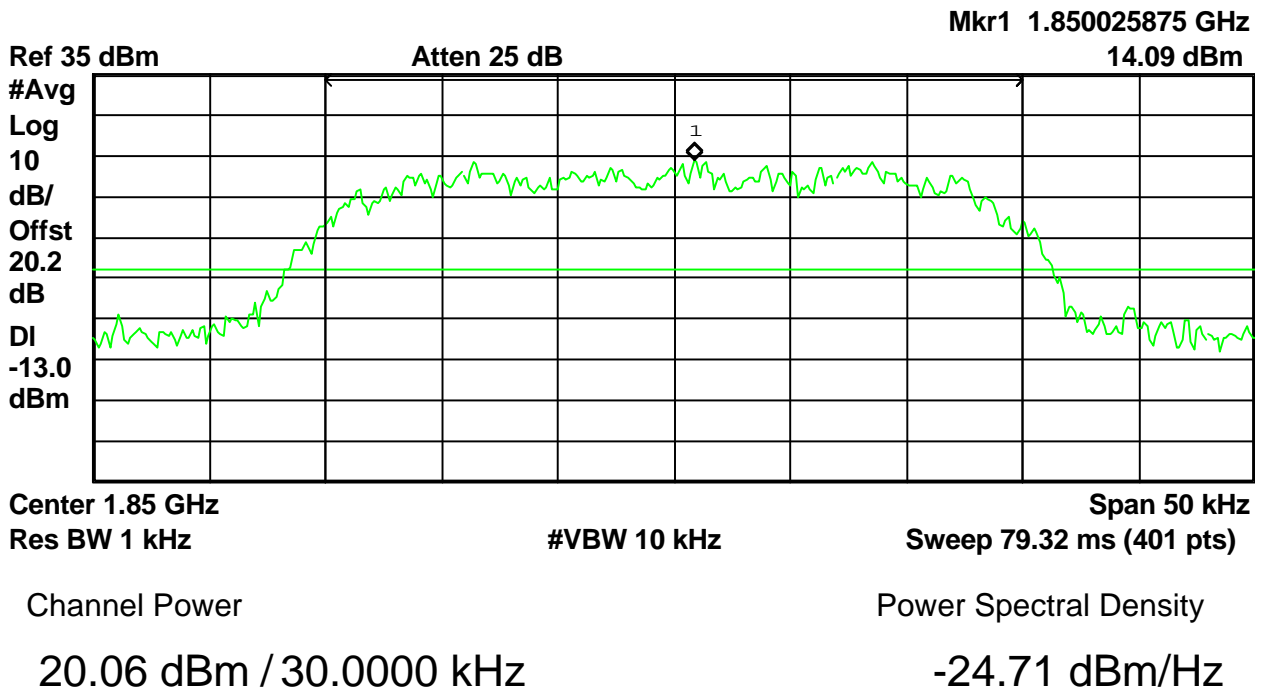





FIGURE 5: OUTPUT POWER PLOTS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Output Power</b>	
DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Uplink TDMA 1880.000 MHz		
<b>Conformance Standards</b>			
[X] IC RSS-131			
[X] FCC Part 22			
[X] FCC Part 24			

Agilent 06:28:32 Jun 12, 2007

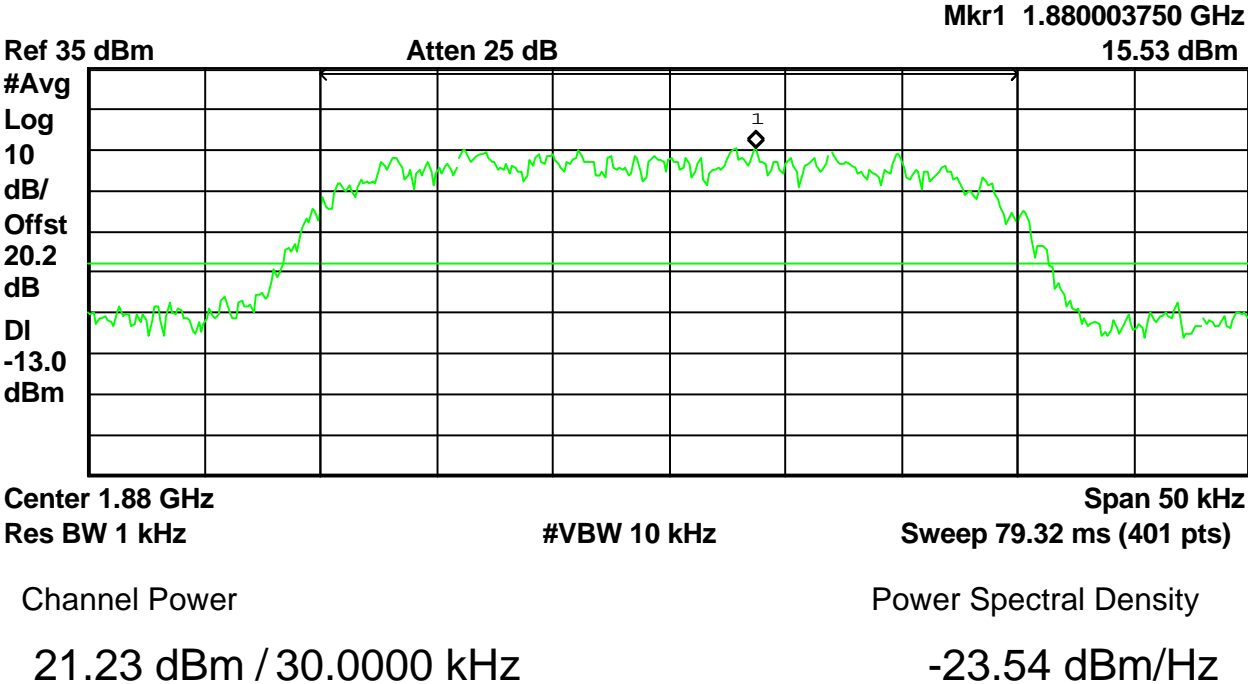



FIGURE 5: OUTPUT POWER PLOTS, UPLINK.

		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Output Power</h3>	
DNB Job Number:	78117	Date:	12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer:	Janizary Holdings, Inc.				
Model Number:	DBSW819				
Description:	RF amplifier				
		Uplink TDMA 1909.975 MHz			

Agilent 06:29:23 Jun 12, 2007

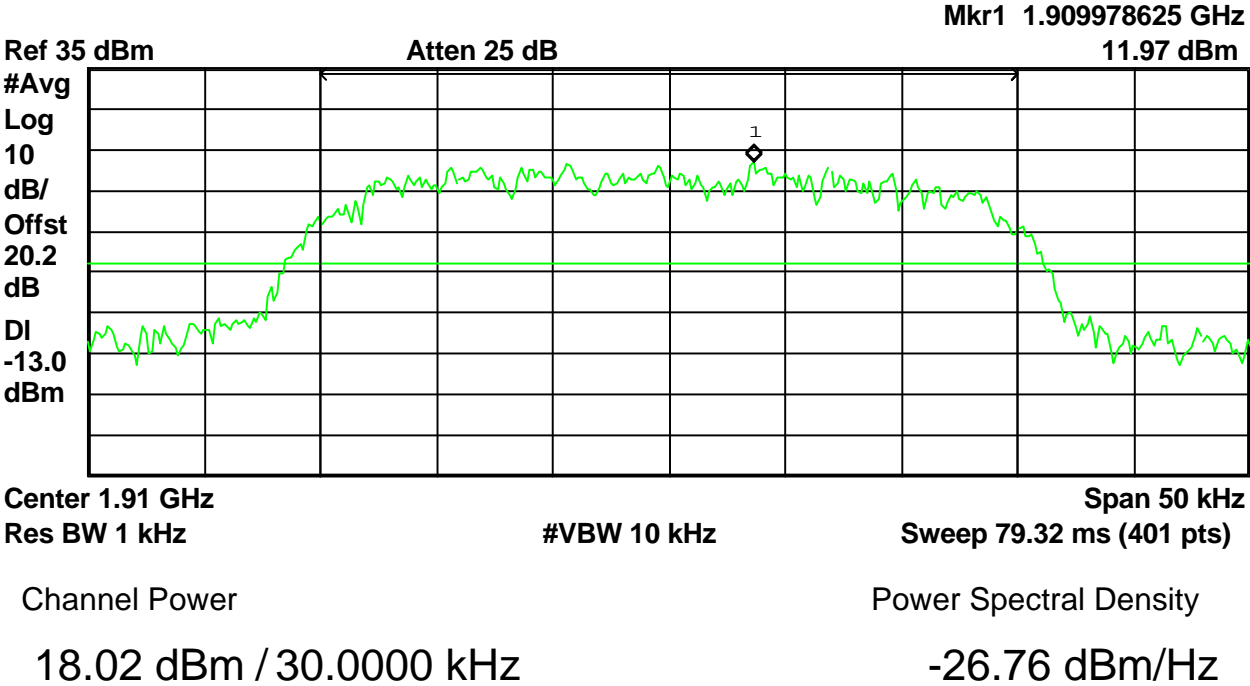



FIGURE 5: OUTPUT POWER PLOTS, UPLINK.

		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Output Power</b>		
DNB Job Number:	78117	Date:	12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24		
Customer:	Janizary Holdings, Inc.					
Model Number:	DBSW819					
Description:	RF amplifier					
		Uplink CDMA 1851.000 MHz				

Agilent 08:31:53 Jun 12, 2007

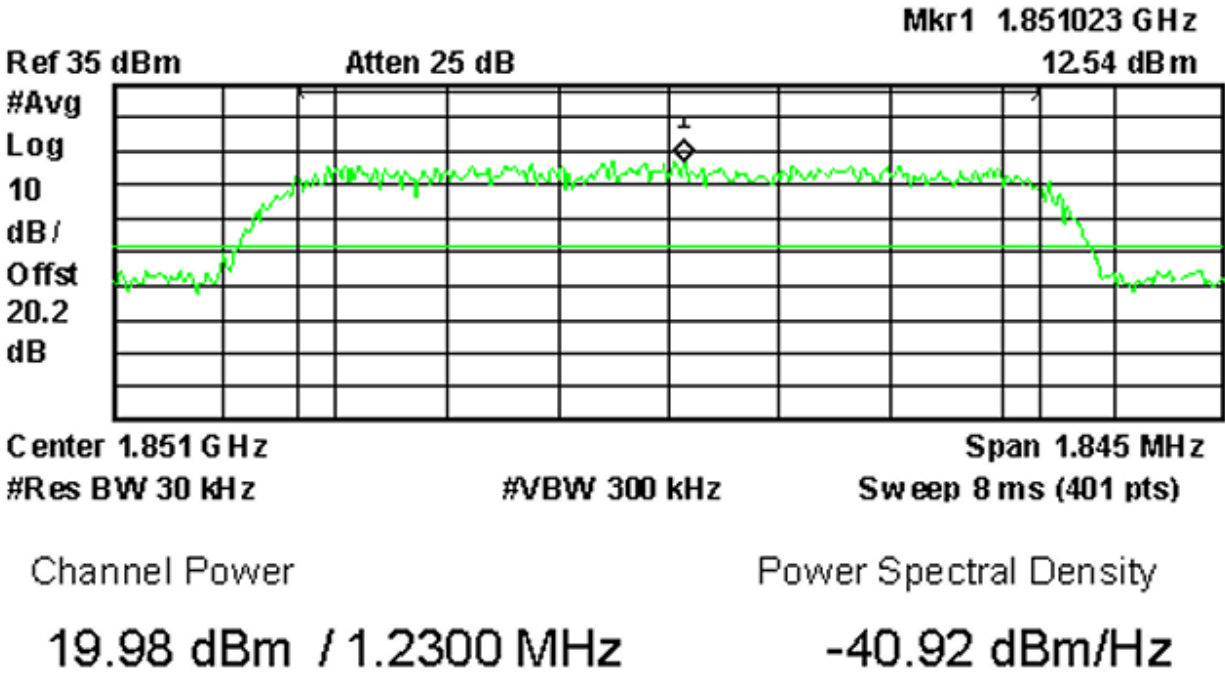

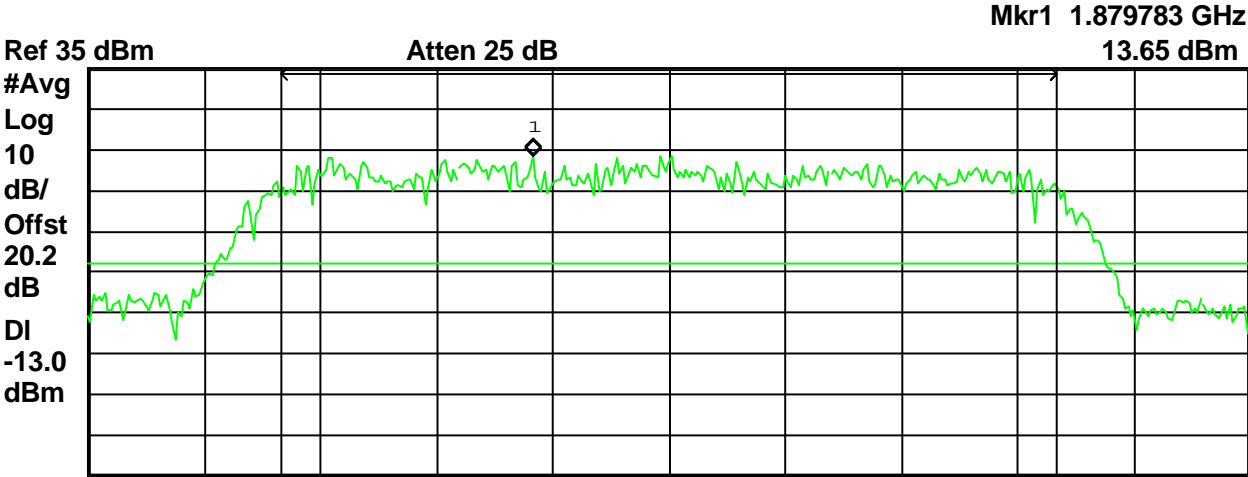


FIGURE 5: OUTPUT POWER PLOTS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Output Power</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Uplink CDMA 1880 MHz				

Agilent 08:32:57 Jun 12, 2007




Center 1.88 GHz      Span 1.845 MHz  
 #Res BW 30 kHz      #VBW 300 kHz      Sweep 8 ms (401 pts)

Channel Power  
 20.81 dBm / 1.2300 MHz

Power Spectral Density  
 -40.09 dBm/Hz



FIGURE 5: OUTPUT POWER PLOTS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Output Power</b>	
DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.		<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Model Number:	DBSW819		
Description:	RF amplifier		
	Uplink CDMA 1909.000MHz		

Agilent 08:33:36 Jun 12, 2007

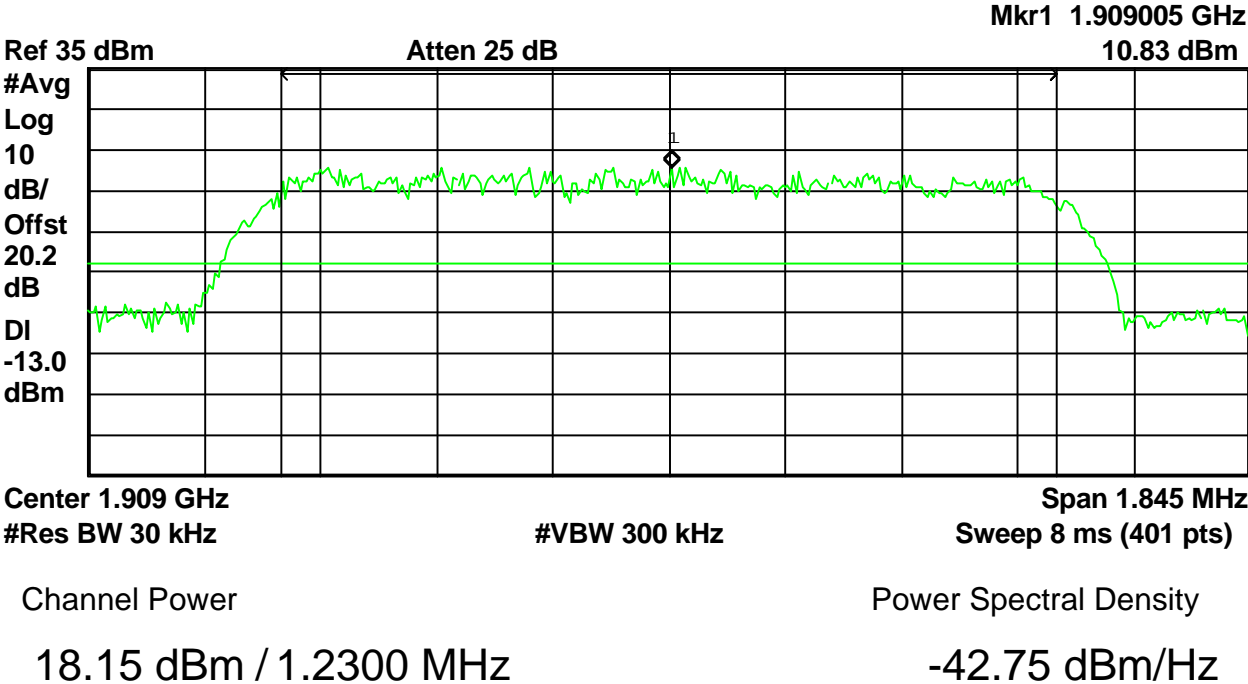

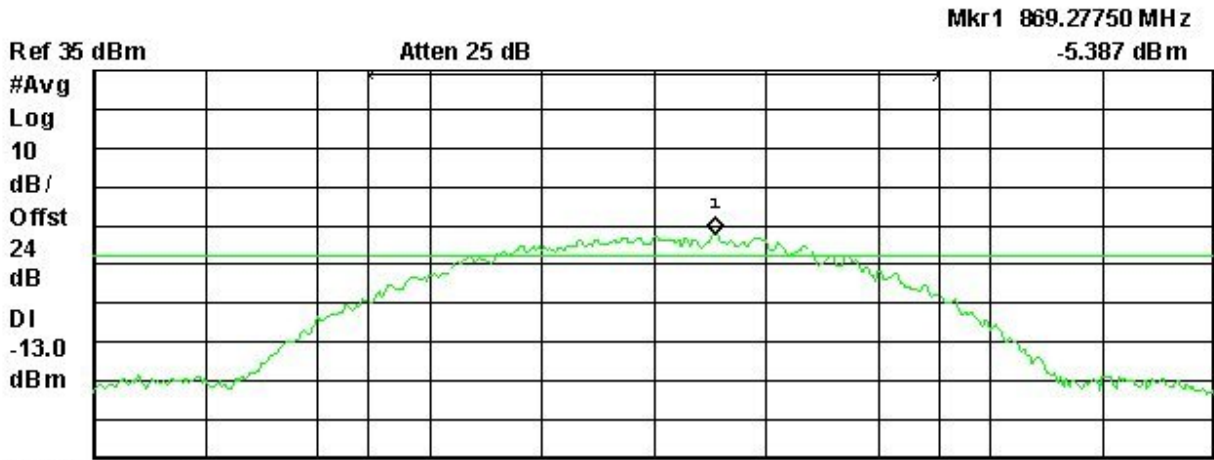


FIGURE 5: OUTPUT POWER PLOTS, DOWNLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Output Power</h3>	
	DNB Job Number: 78117 Customer: Janizary Holdings, Inc. Model Number: DBSW819 Description: RF amplifier Downlink GSM 869.200 MHz	Date: 24 Jul 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

Agilent 17:38:09 Jul 24, 2007



Center 869.2 MHz      #Res BW 3 kHz      #VBW 30 kHz      Sweep 88.13 ms (401 pts)      Span 500 kHz

Channel Power


4.71 dBm / 255.0000 kHz

Power Spectral Density

-50.32 dBm/Hz



FIGURE 5: OUTPUT POWER PLOTS, DOWNLINK.

		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Output Power</h3>	
DNB Job Number: 78117		Date: 24 Jul 2007		<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.					
Model Number: DBSW819					
Description: RF amplifier					
		Downlink GSM 881.5 MHz			

Agilent 17:39:18 Jul 24, 2007

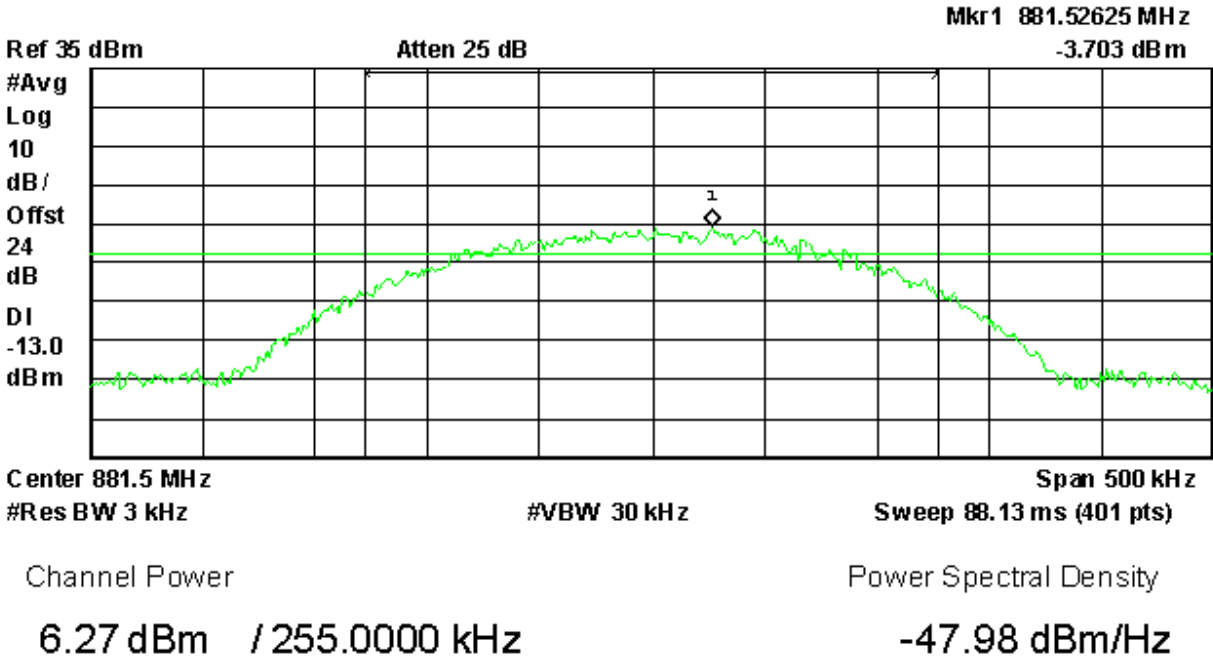

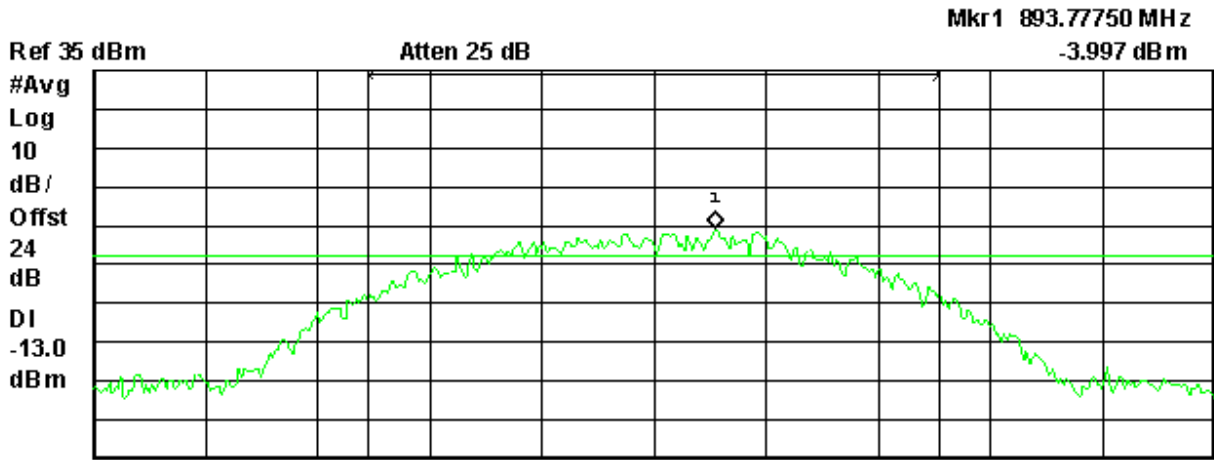


FIGURE 5: OUTPUT POWER PLOTS, DOWNLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Output Power</b>	
DNE Job Number:	78117	Date:	24 Jul 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Downlink GSM 893.800 MHz		
<b>Conformance Standards</b>			[X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24

Agilent 17:40:08 Jul 24, 2007



Center 893.8 MHz      #Res BW 3 kHz      #VBW 30 kHz      Span 500 kHz      Sweep 88.13 ms (401 pts)

Channel Power

5.71 dBm / 255.0000 kHz


Power Spectral Density

-48.36 dBm/Hz





FIGURE 5: OUTPUT POWER PLOTS, DOWNLINK.

		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h2>Output Power</h2>	
DNB Job Number: 78117		Date: 24 Jul 2007		<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.					
Model Number: DBSW819					
Description: RF amplifier					
		Downlink GSM 1930.200 MHz			

Agilent 19:16:50 Jul 24, 2007

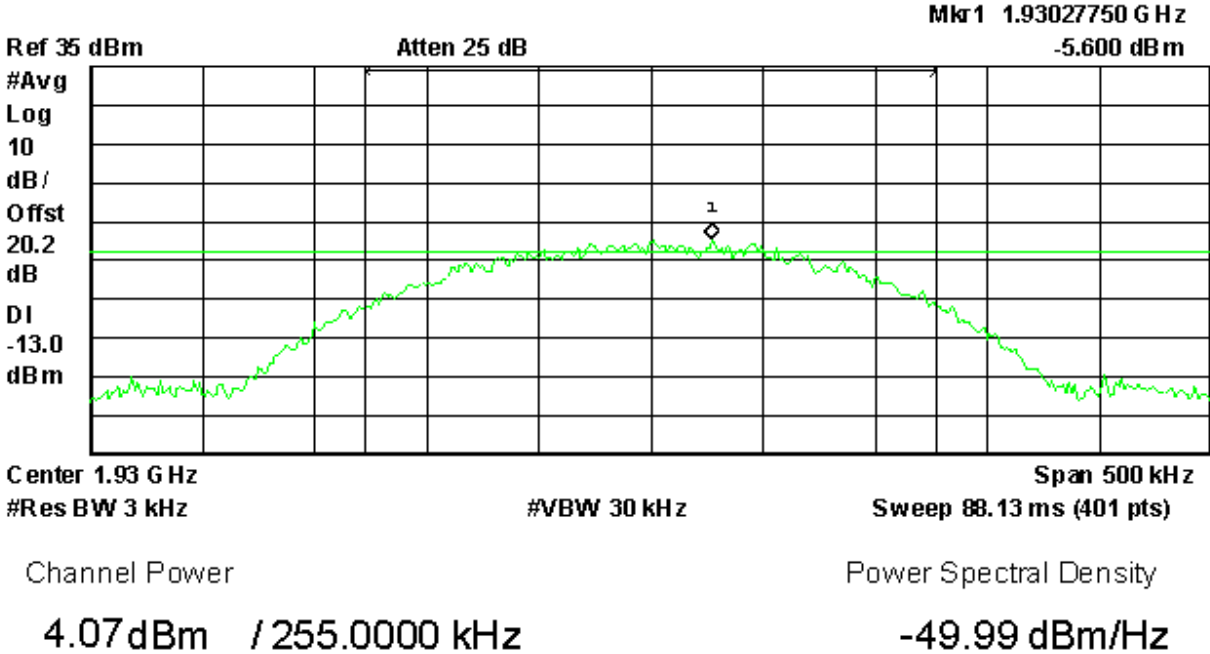



FIGURE 5: OUTPUT POWER PLOTS, DOWNLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Output Power</h3>	
	DNB Job Number:	78117	Date:	24 Jul 2007
Customer:	Janizary Holdings, Inc.			<b>Conformance Standards</b> <input checked="" type="checkbox"/> IC RSS-131 <input checked="" type="checkbox"/> FCC Part 22 <input checked="" type="checkbox"/> FCC Part 24
Model Number:	DBSW819			
Description:	RF amplifier			
Downlink GSM 1960.000 MHz				

Agilent 19:17:25 Jul 24, 2007

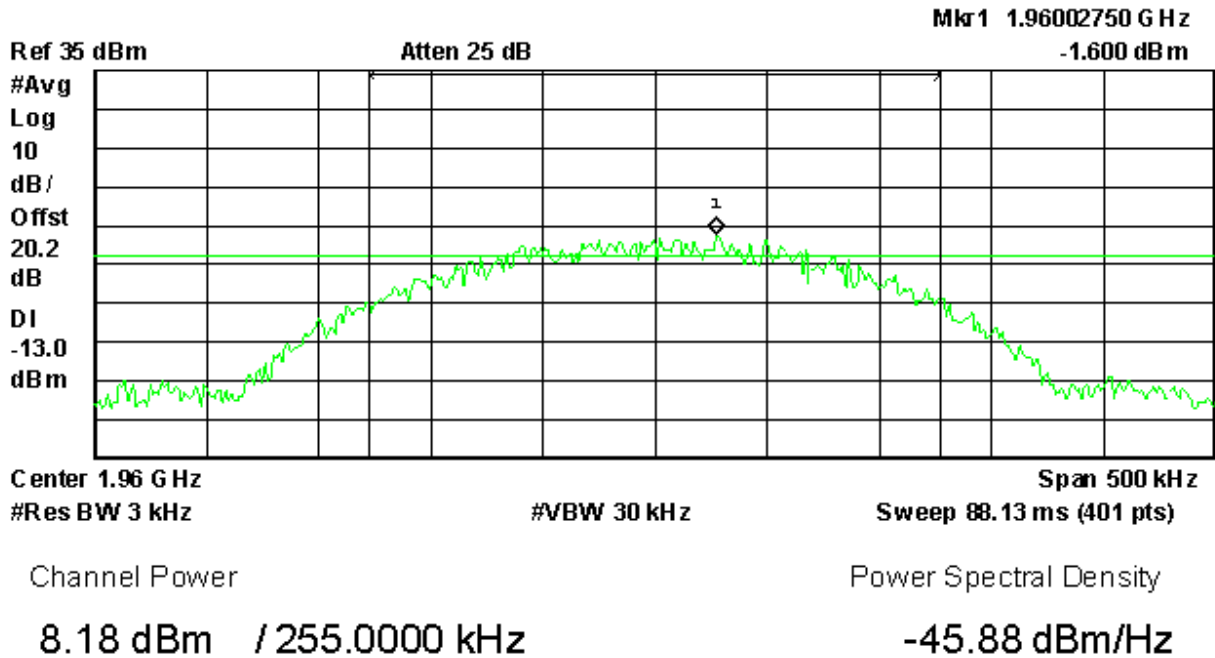

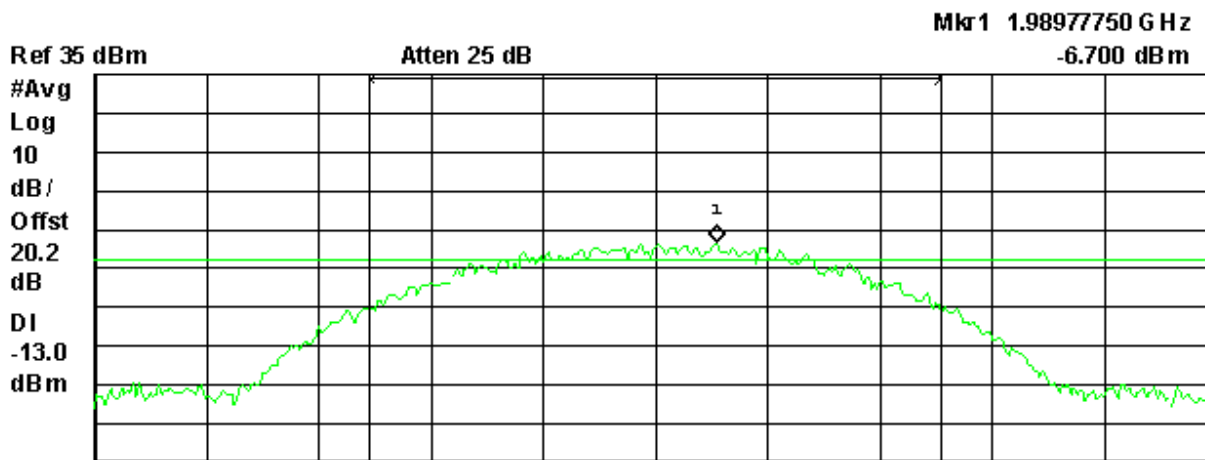


FIGURE 5: OUTPUT POWER PLOTS, DOWNLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Output Power</b>		
	DNB Job Number:	78117	Date:	24 Jul 2007	
	Customer:	Janizary Holdings, Inc.			<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
	Model Number:	DBSW819			
	Description:	RF amplifier			
	Downlink GSM 1989.800 MHz				

Agilent 05:05:35 Jul 24, 2007



Channel Power

3.33 dBm / 255.0000 kHz

Power Spectral Density

-50.73 dBm/Hz

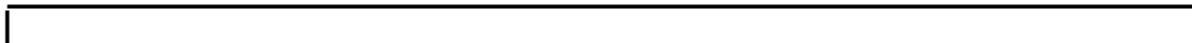



FIGURE 5: OUTPUT POWER PLOTS, DOWNLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Output Power</b>	
	DNB Job Number: 78117	Date: 25 Jul 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.	Model Number: DBSW819			
Description: RF amplifier	Downlink TDMA 869.025 MHz			

\* Agilent 06:00:09 Jul 25, 2007

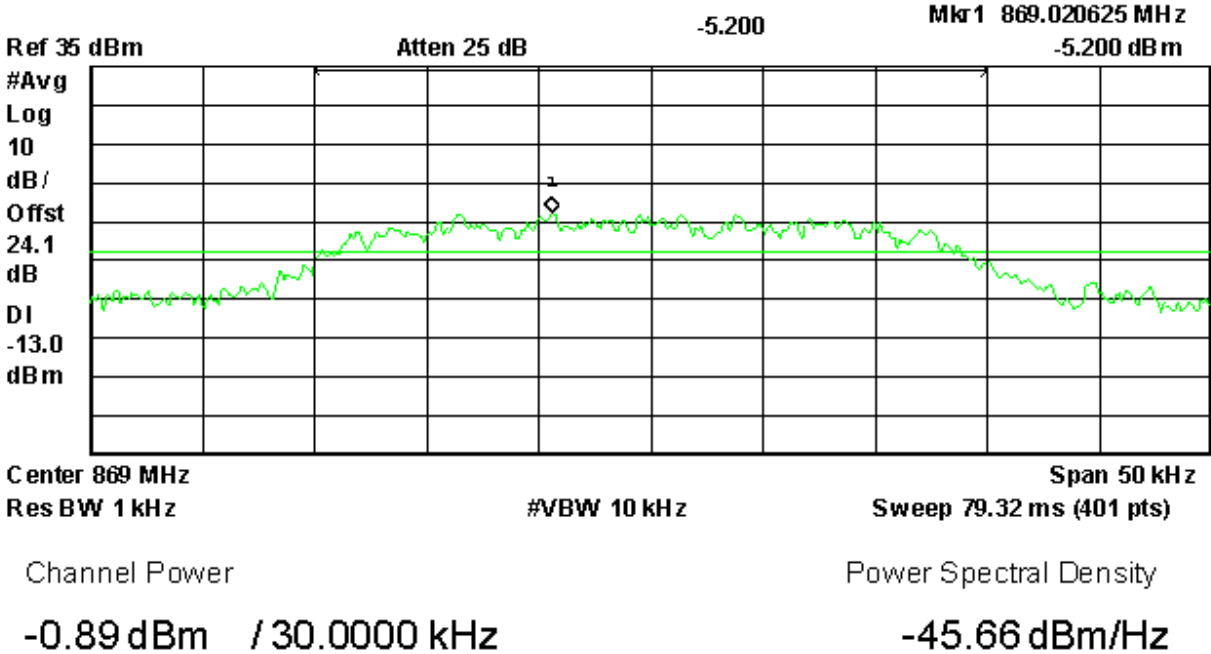



FIGURE 5: OUTPUT POWER PLOTS, DOWNLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h2>Output Power</h2>	
	DNB Job Number: 78117	Date: 25 Jul 2007		<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier				
	Downlink TDMA 881.5 MHz			

Agilent 06:00:49 Jul 25, 2007

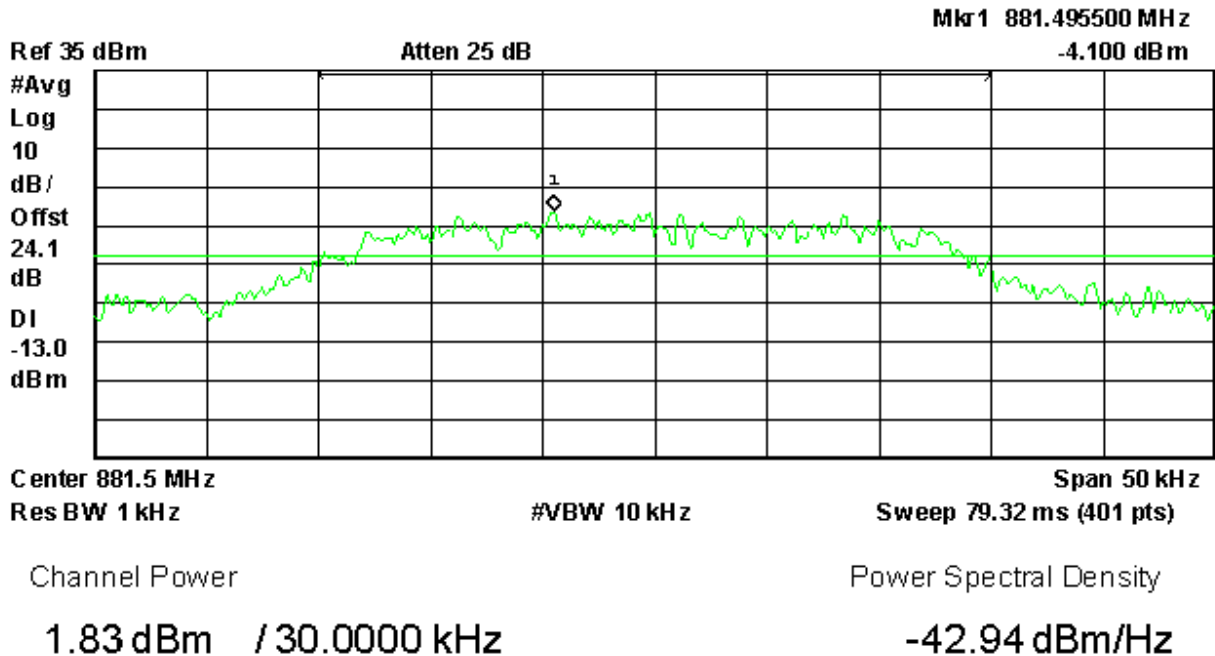



FIGURE 5: OUTPUT POWER PLOTS, DOWNLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h2>Output Power</h2>	
	DNB Job Number: 78117	Date: 25 Jul 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier				
	Downlink TDMA 893.975 MHz			

\* Agilent 06:01:28 Jul 25, 2007

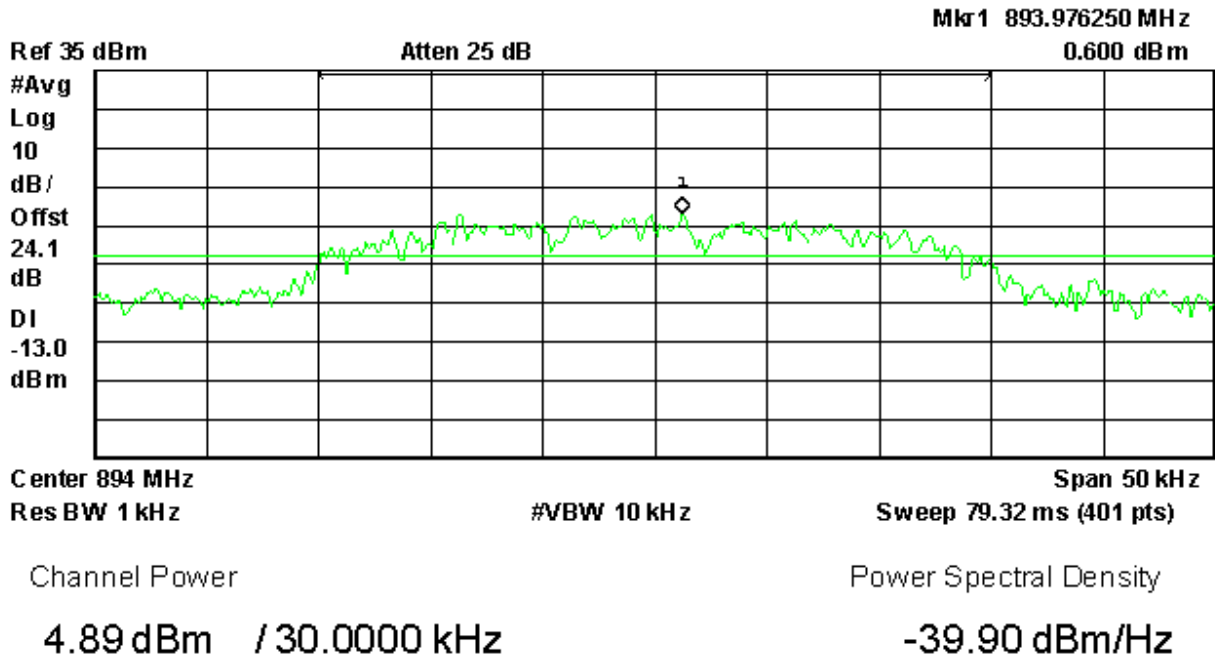



FIGURE 5: OUTPUT POWER PLOTS, DOWNLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Output Power</b>	
DNB Job Number:	78117	Date:	25 Jul 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Downlink TDMA 1930.025 MHz		
<b>Conformance Standards</b>			
[X] IC RSS-131			
[X] FCC Part 22			
[X] FCC Part 24			

Agilent 07:29:07 Jul 25, 2007

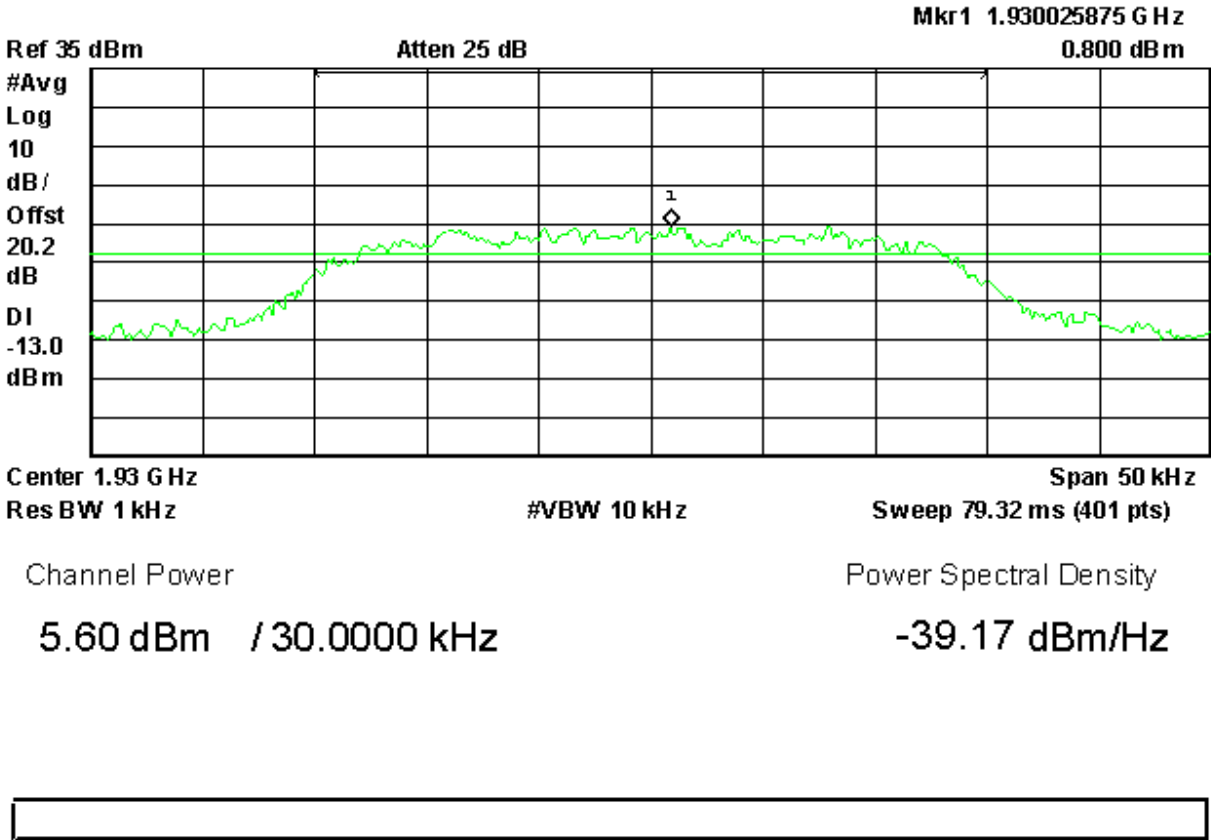



FIGURE 5: OUTPUT POWER PLOTS, DOWNLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Output Power</b>		
	DNB Job Number: 78117	Date: 25 Jul 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24		
Customer: Janizary Holdings, Inc.					
Model Number: DBSW819					
Description: RF amplifier					
	Downlink TDMA 1960.000 MHz				

\* Agilent 07:29:47 Jul 25, 2007

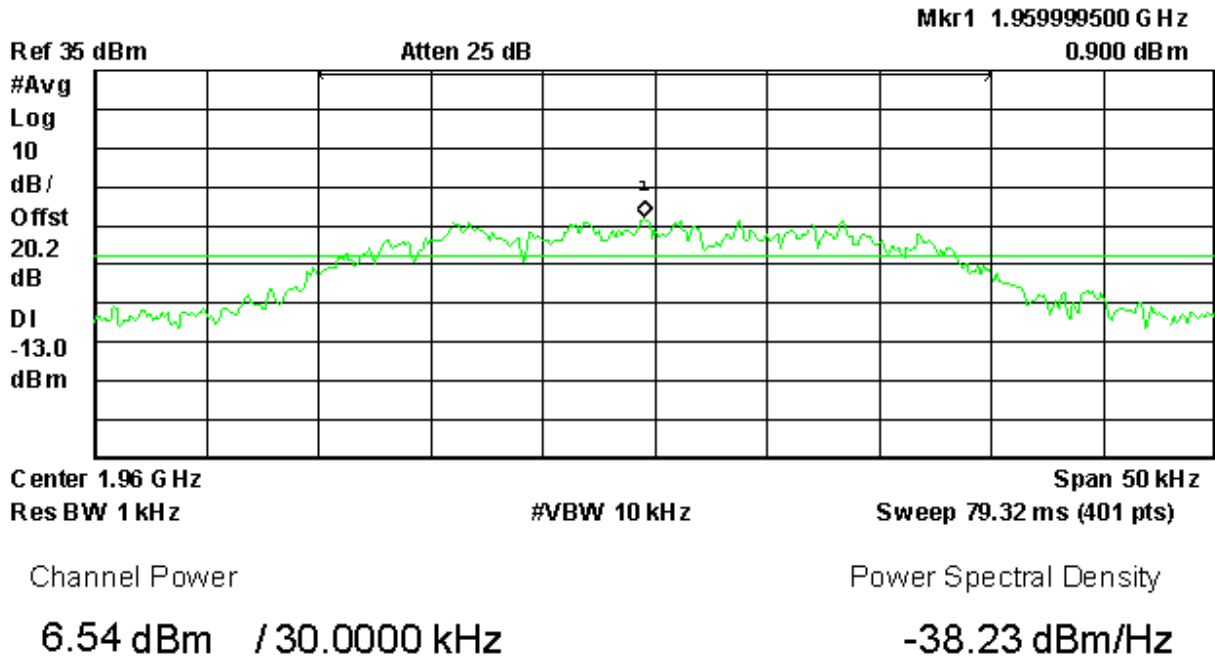





FIGURE 5: OUTPUT POWER PLOTS, DOWNLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Output Power</b>	
DNB Job Number:	78117	Date:	25 Jul 2007
Customer:	Janizary Holdings, Inc.	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Model Number:	DBSW819		
Description:	RF amplifier		
	Downlink TDMA 1989.975 MHz		

\* Agilent 07:30:39 Jul 25, 2007

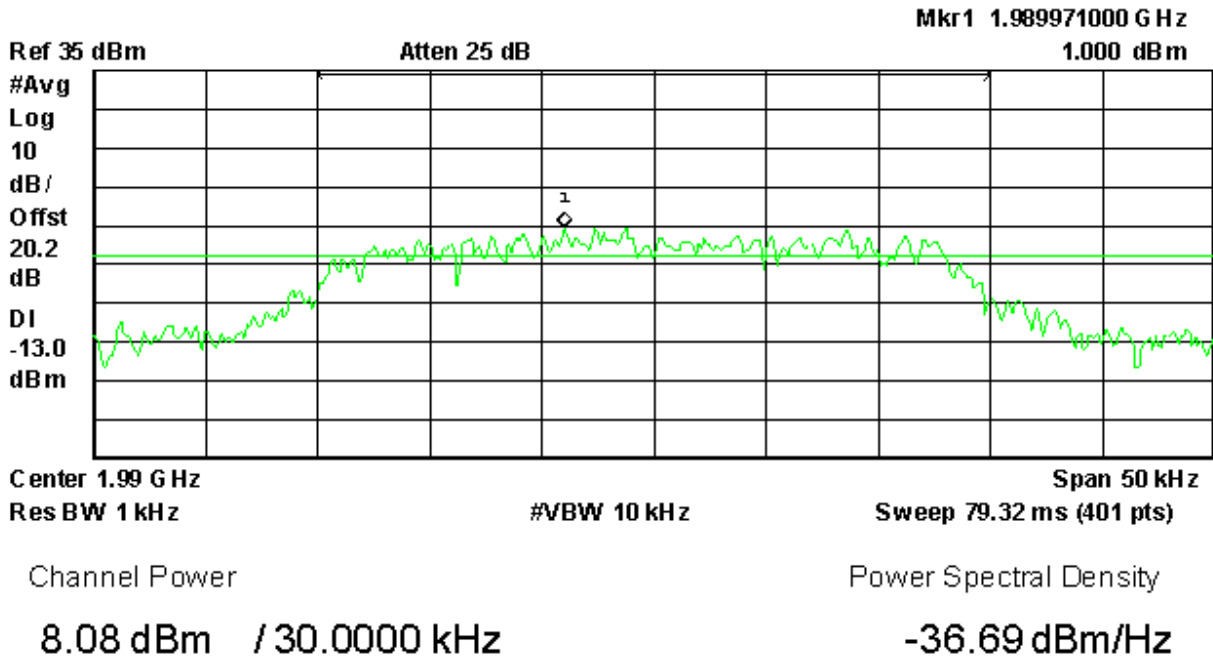



FIGURE 5: OUTPUT POWER PLOTS, DOWNLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Output Power</h3>	
	DNB Job Number: 78117	Date: 25 Jul 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Downlink CDMA 1931.000 MHz				

\* Agilent 08:56:44 Jul 25, 2007

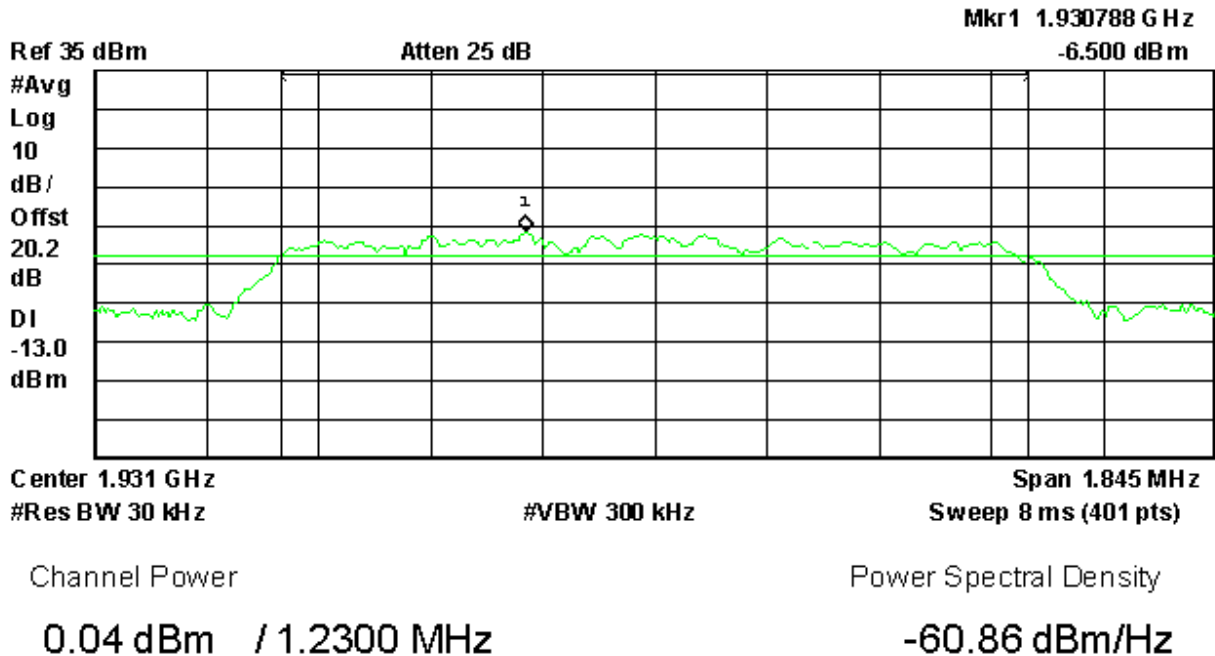



FIGURE 5: OUTPUT POWER PLOTS, DOWNLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Output Power</h3>	
	DNB Job Number: 78117	Date: 25 Jul 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Downlink CDMA 1960 MHz				

Agilent 08:57:22 Jul 25, 2007

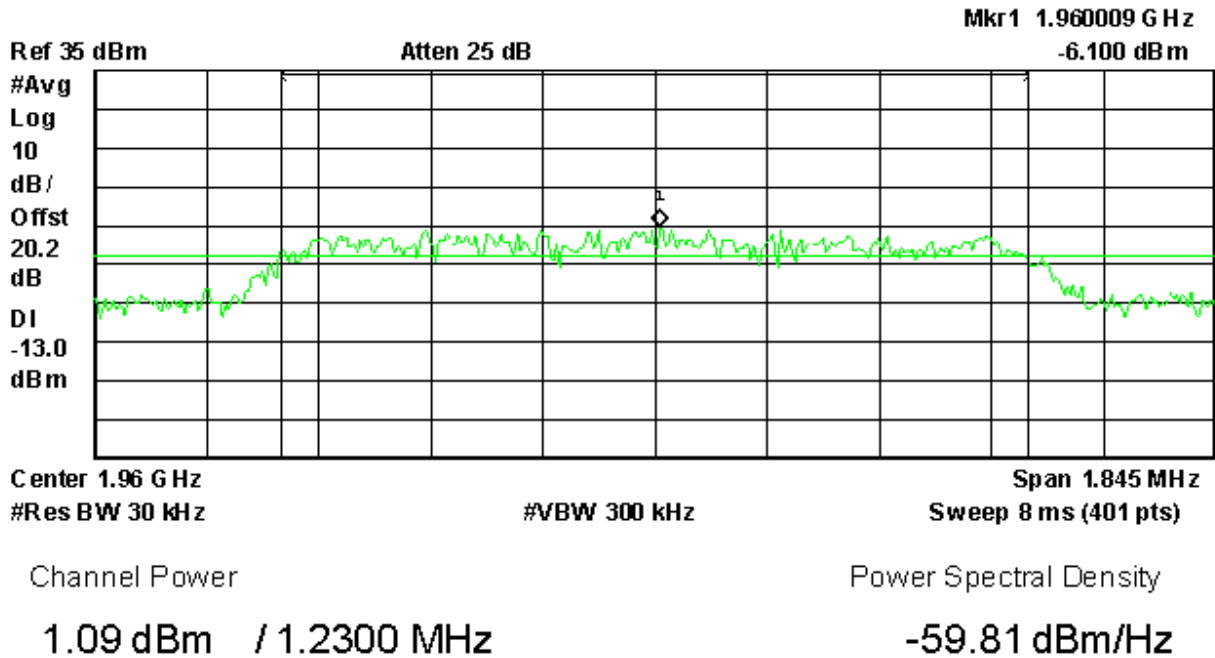

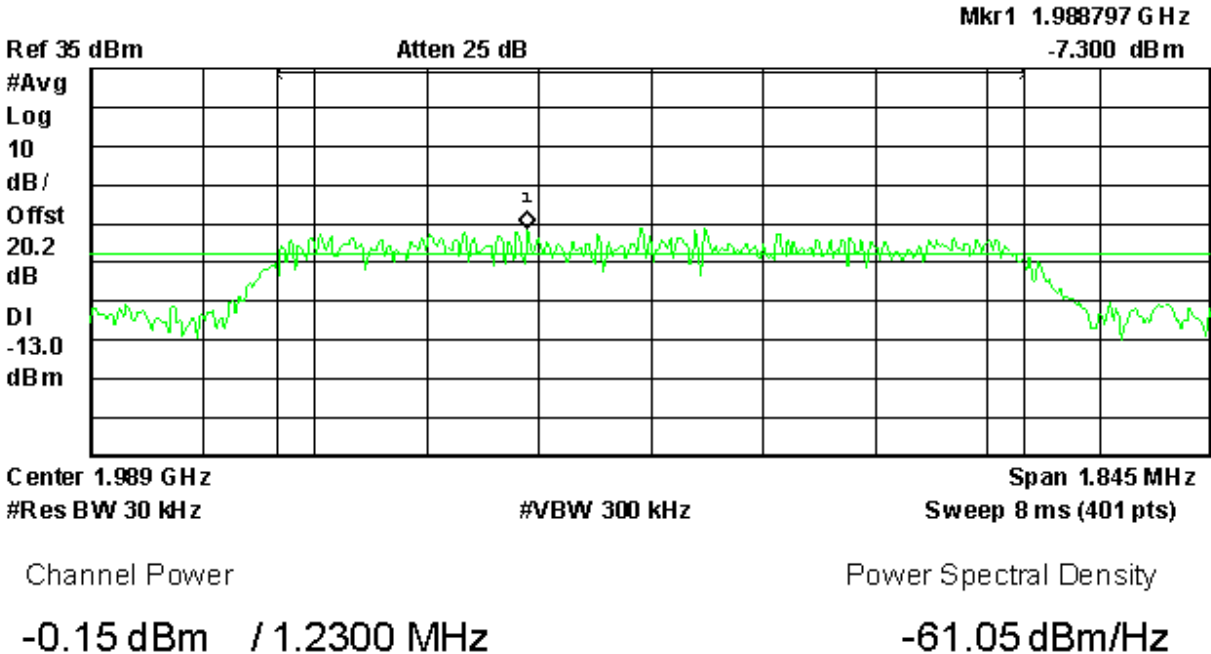


FIGURE 5: OUTPUT POWER PLOTS, DOWNLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Output Power</b>	
	DNB Job Number: 78117	Date: 25 Jul 2007		<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier				
	Downlink CDMA 1989.000 MHz			

Agilent 08:58:06 Jul 25, 2007



**2.1049 Measurement of Occupied Bandwidth (IC RSS-131 Clause 4.2)**

---

Definition:

Occupied Bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are equal to 0.5 percent of the total mean power radiated by a given emission.

Test Method: Connect the Equipment per FIGURE 1.

For all measurements the maximum signal was determined by input the signal until the unit would no longer amplify the signal. This signal has been plotted in the section as modulation characteristics as input (EUT removed form circuit) and output (EUT inserted in circuit).

Measurements were made while the driving source generated the following:


TDMA Signal  
GSM Signal (AMPS)  
CDMA Signal

Test Results: See Plots

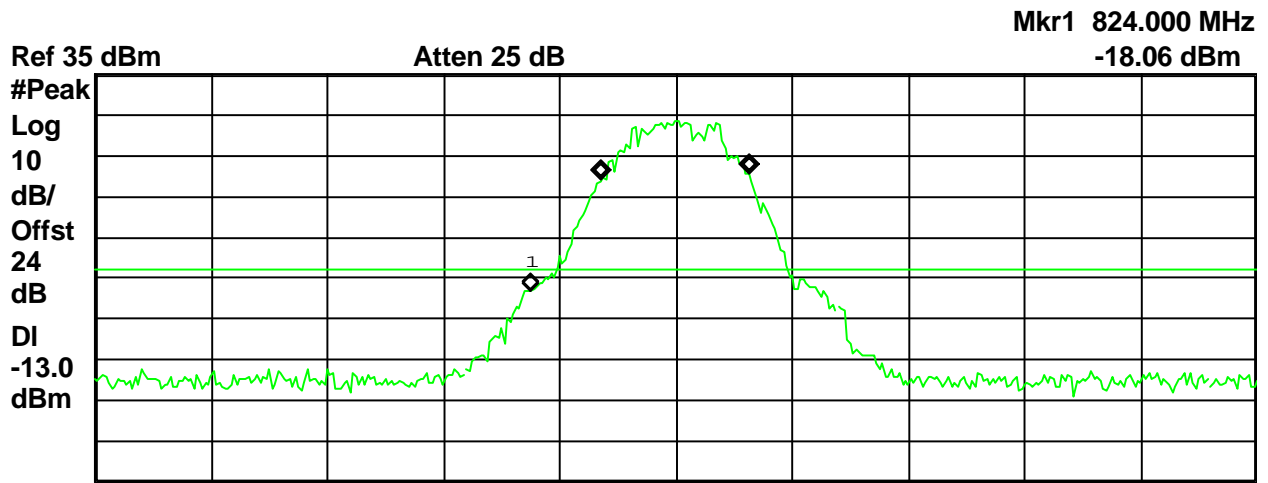
The center frequency of the signal did not shift with modulation. The Spectrum Bandwidth was well within the limits specified in the FCC Regulations.

Modulation characteristic plots are shown in this section.

FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Occupied Bandwidth</h3>	
	DNB Job Number: 78117 Customer: Janizary Holdings, Inc. Model Number: DBSW819 Description: RF amplifier Uplink GSM 824.200 MHz	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

Agilent 15:52:22 Jun 11, 2007



Center 824.2 MHz      Span 2 MHz  
 #Res BW 30 kHz      VBW 300 kHz      Sweep 5 ms (401 pts)


**Occupied Bandwidth**  
 253.3205 kHz

Occ BW % Pwr      99.00 %  
 x dB      -26.00 dB

Transmit Freq Error      -1.602 kHz  
 x dB Bandwidth      339.231 kHz



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier				
	Uplink GSM 824.200 MHz- Input			

Agilent 17:32:59 Jun 11, 2007

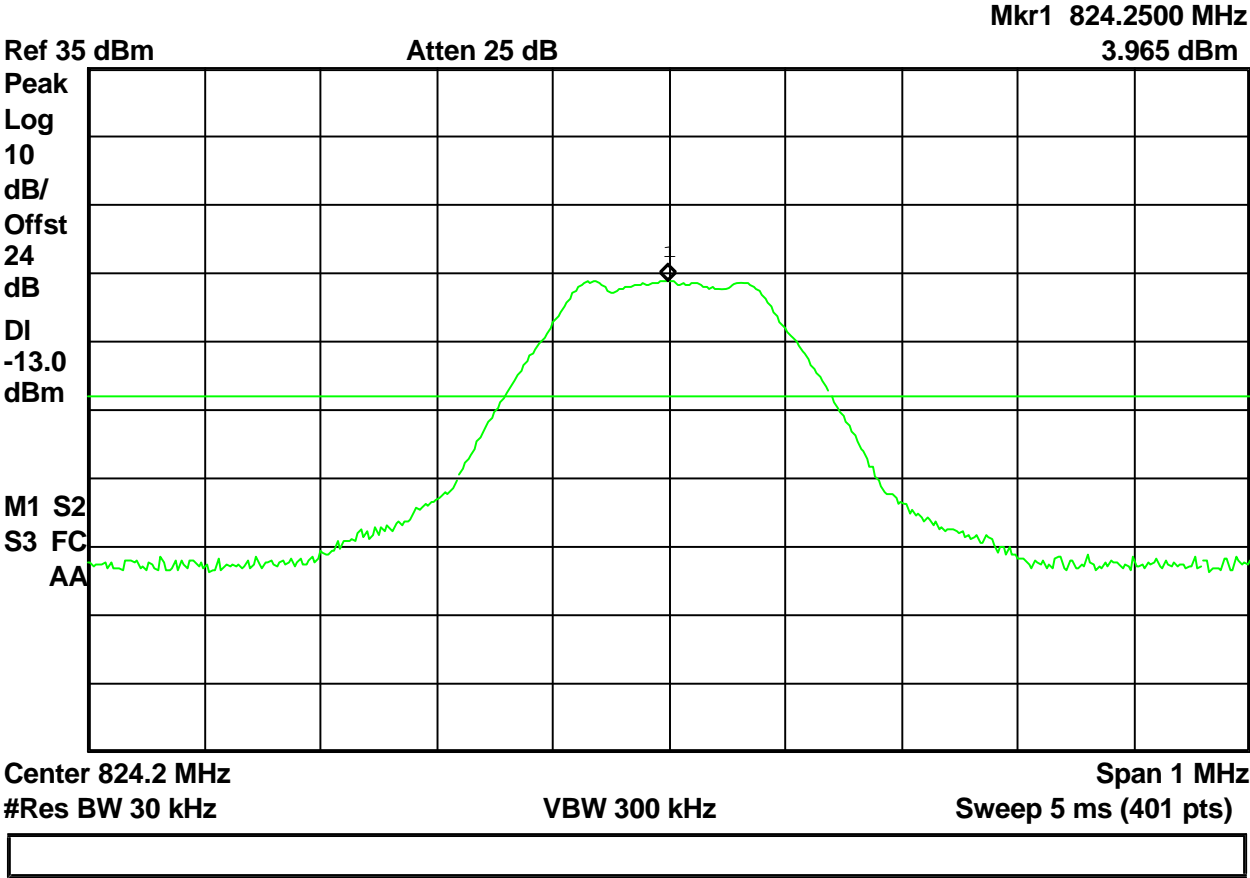



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 11 Jun 2007		<b>Conformance Standards</b> <input checked="" type="checkbox"/> IC RSS-131 <input checked="" type="checkbox"/> FCC Part 22 <input checked="" type="checkbox"/> FCC Part 24
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier				
			Uplink GSM 824.200 MHz- Output	

Agilent 17:29:58 Jun 11, 2007

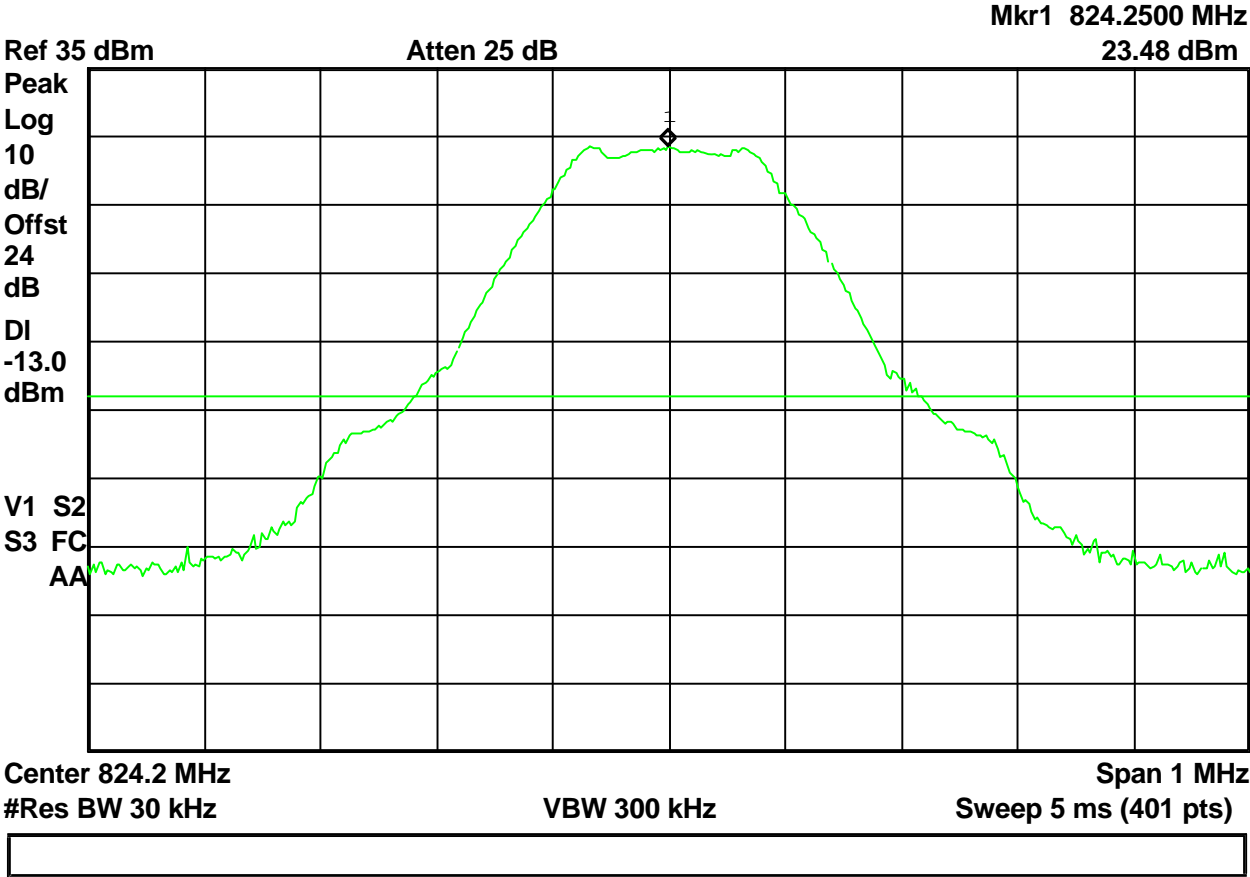

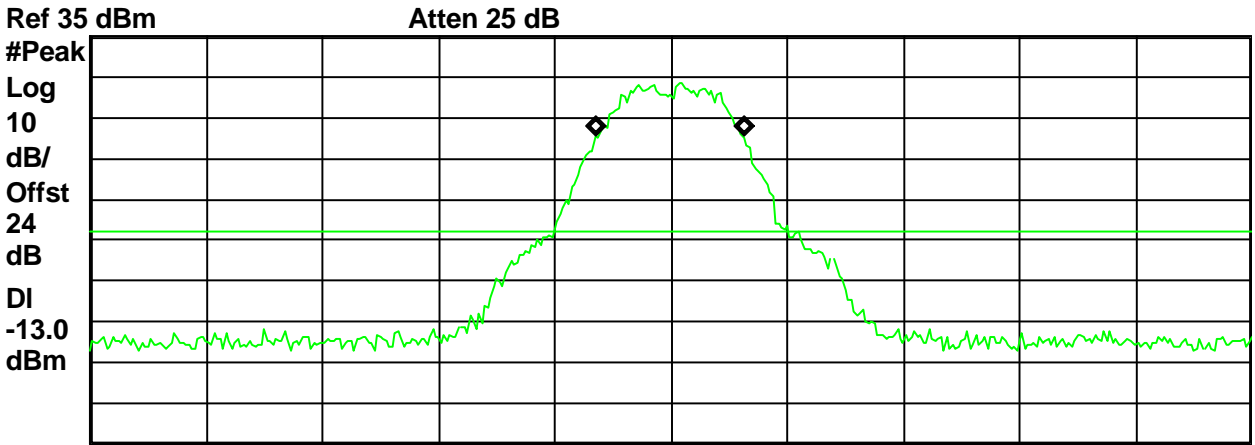




FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Occupied Bandwidth</b>	
	DNB Job Number: 78117	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Uplink GSM 836.500 MHz				

Agilent 15:53:10 Jun 11, 2007




Center 836.5 MHz      Span 2 MHz  
 #Res BW 30 kHz      VBW 300 kHz      Sweep 5 ms (401 pts)

Occupied Bandwidth      Occ BW % Pwr      99.00 %  
 254.6890 kHz      x dB      -26.00 dB

Transmit Freq Error      -2.575 kHz  
 x dB Bandwidth      339.139 kHz



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier				
	Uplink GSM 836.500 MHz - Input			

Agilent 17:33:44 Jun 11, 2007

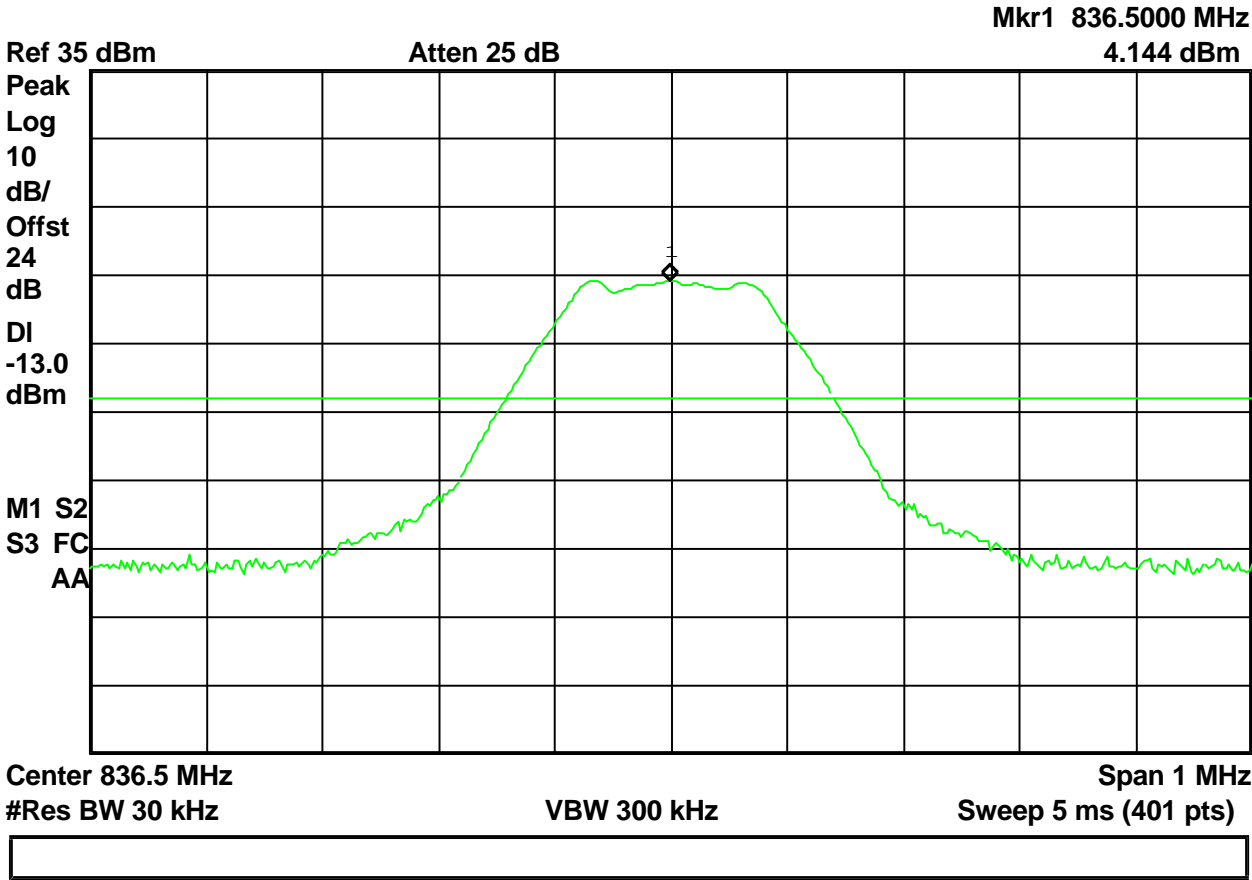



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 11 Jun 2007	<b>Conformance Standards</b> <input checked="" type="checkbox"/> IC RSS-131 <input checked="" type="checkbox"/> FCC Part 22 <input checked="" type="checkbox"/> FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier				
	Uplink GSM 836.500 MHz - Output			

Agilent 17:30:43 Jun 11, 2007

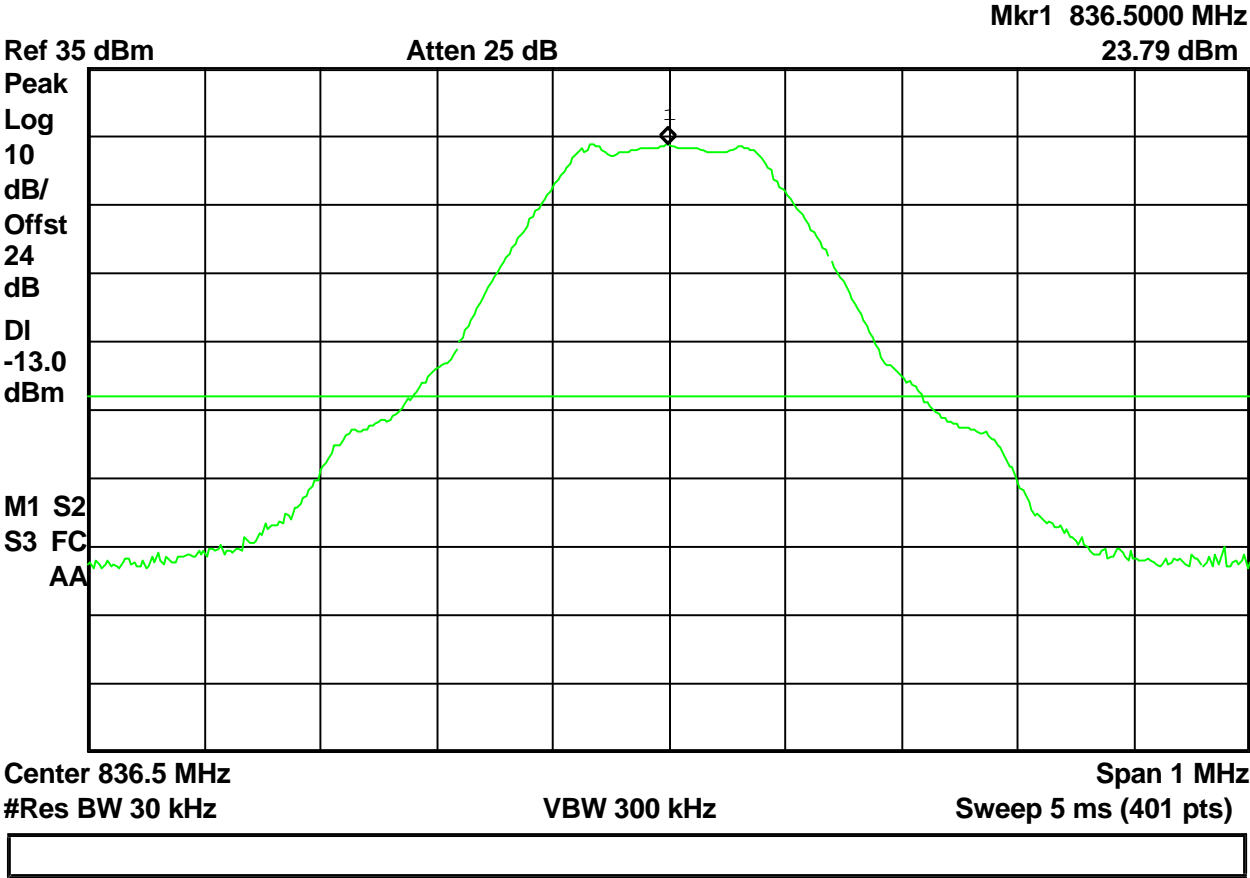

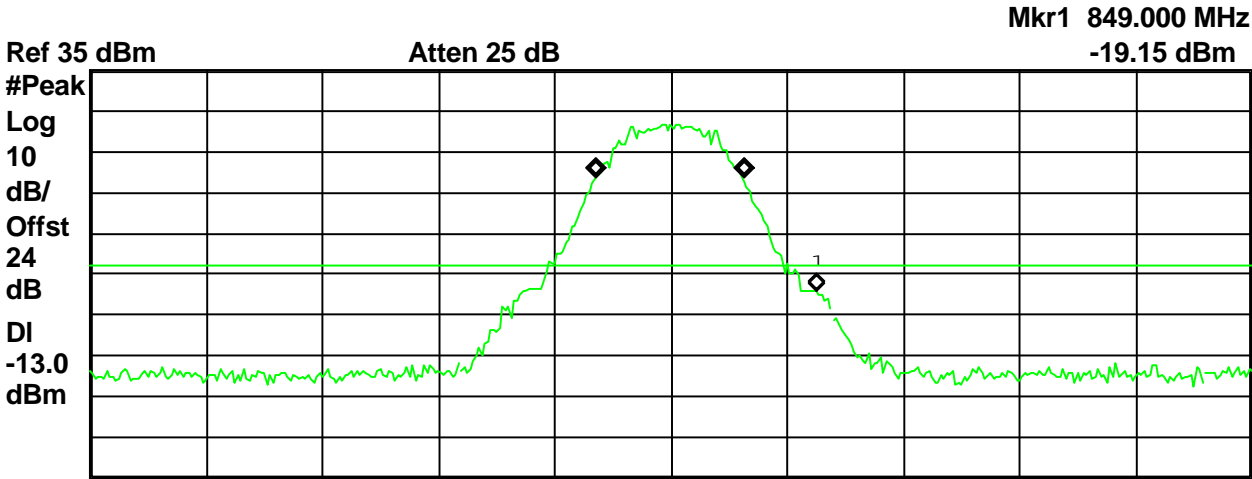


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Occupied Bandwidth</h3>	
	DNB Job Number: 78117 Customer: Janizary Holdings, Inc. Model Number: DBSW819 Description: RF amplifier Uplink GSM 848.800 MHz	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

Agilent 15:54:05 Jun 11, 2007




Center 848.8 MHz      Span 2 MHz  
 #Res BW 30 kHz      VBW 300 kHz      Sweep 5 ms (401 pts)

**Occupied Bandwidth**      Occ BW % Pwr      99.00 %  
 252.8517 kHz      x dB      -26.00 dB

Transmit Freq Error      -3.624 kHz  
 x dB Bandwidth      339.413 kHz



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117 Customer: Janizary Holdings, Inc. Model Number: DBSW819 Description: RF amplifier Uplink GSM 848.800 MHz- Input	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

Agilent 17:34:21 Jun 11, 2007

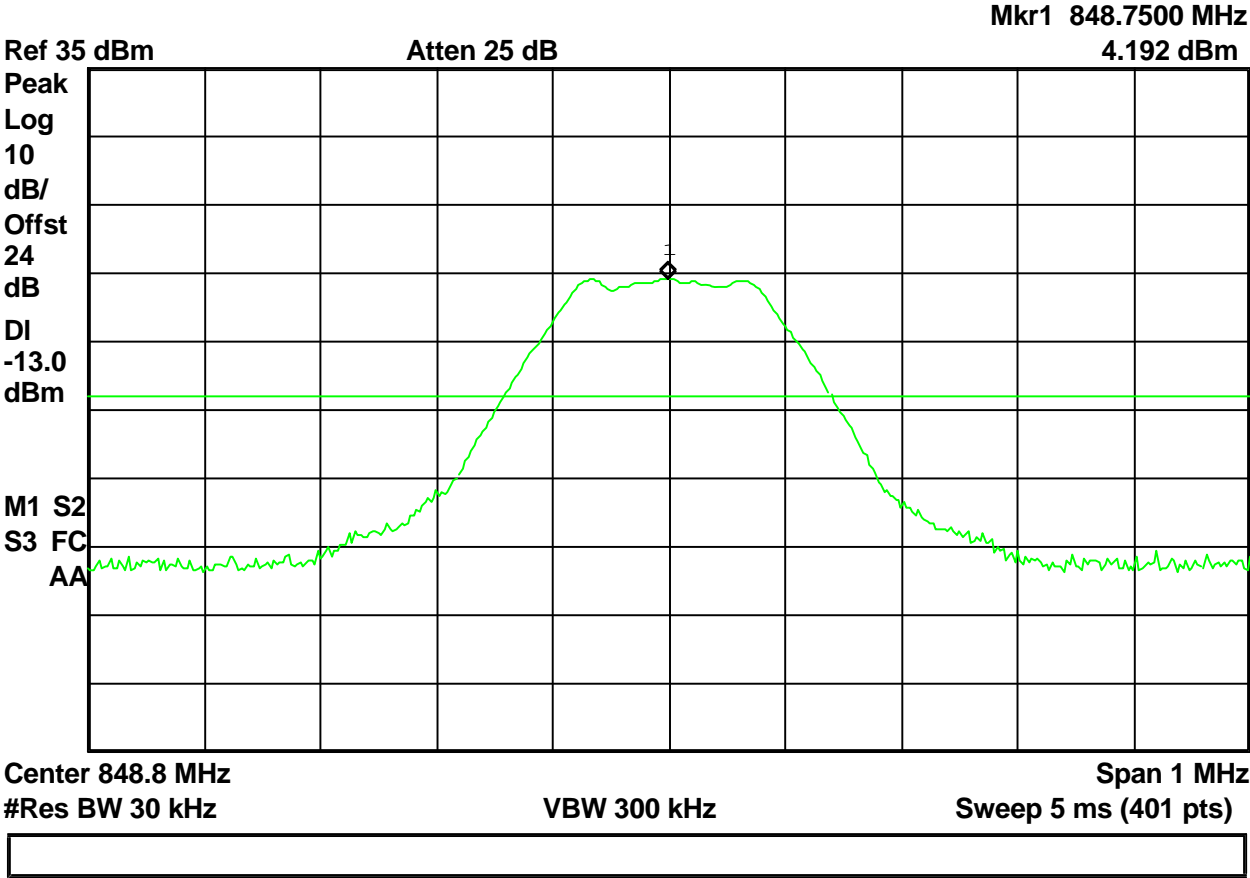



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Modulation Characteristics</b>	
DNB Job Number:	78117	Date:	11 Jun 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Uplink GSM 848.800 MHz- Output		
<b>Conformance Standards</b>			
[X] IC RSS-131			
[X] FCC Part 22			
[X] FCC Part 24			

Agilent 17:31:22 Jun 11, 2007

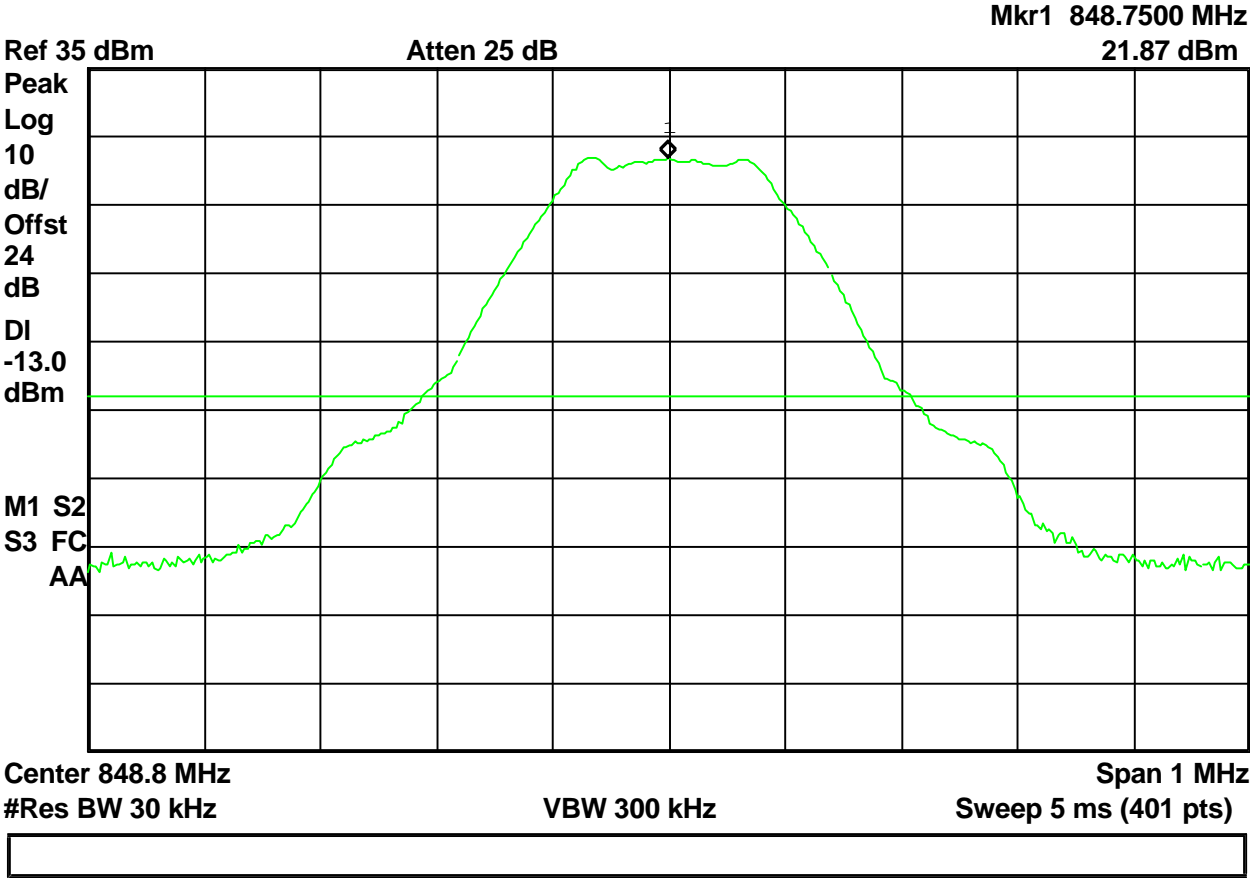

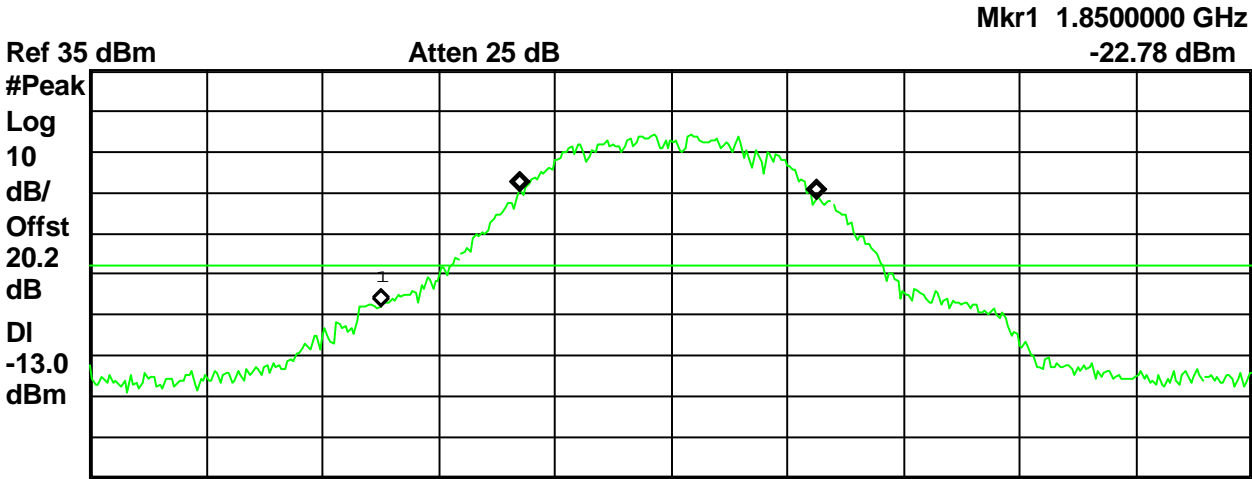


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Occupied Bandwidth</h3>	
	DNB Job Number: 78117 Customer: Janizary Holdings, Inc. Model Number: DBSW819 Description: RF amplifier Uplink GSM 1850.200 MHz	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

Agilent 18:01:31 Jun 11, 2007




Center 1.85 GHz      Span 1 MHz  
 #Res BW 30 kHz      VBW 300 kHz      Sweep 5 ms (401 pts)

**Occupied Bandwidth**      Occ BW % Pwr      99.00 %  
 254.8550 kHz      x dB      -26.00 dB

Transmit Freq Error      -1.778 kHz  
 x dB Bandwidth      337.937 kHz



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Uplink GSM 1850.200 MHz - Input				

Agilent 18:13:20 Jun 11, 2007

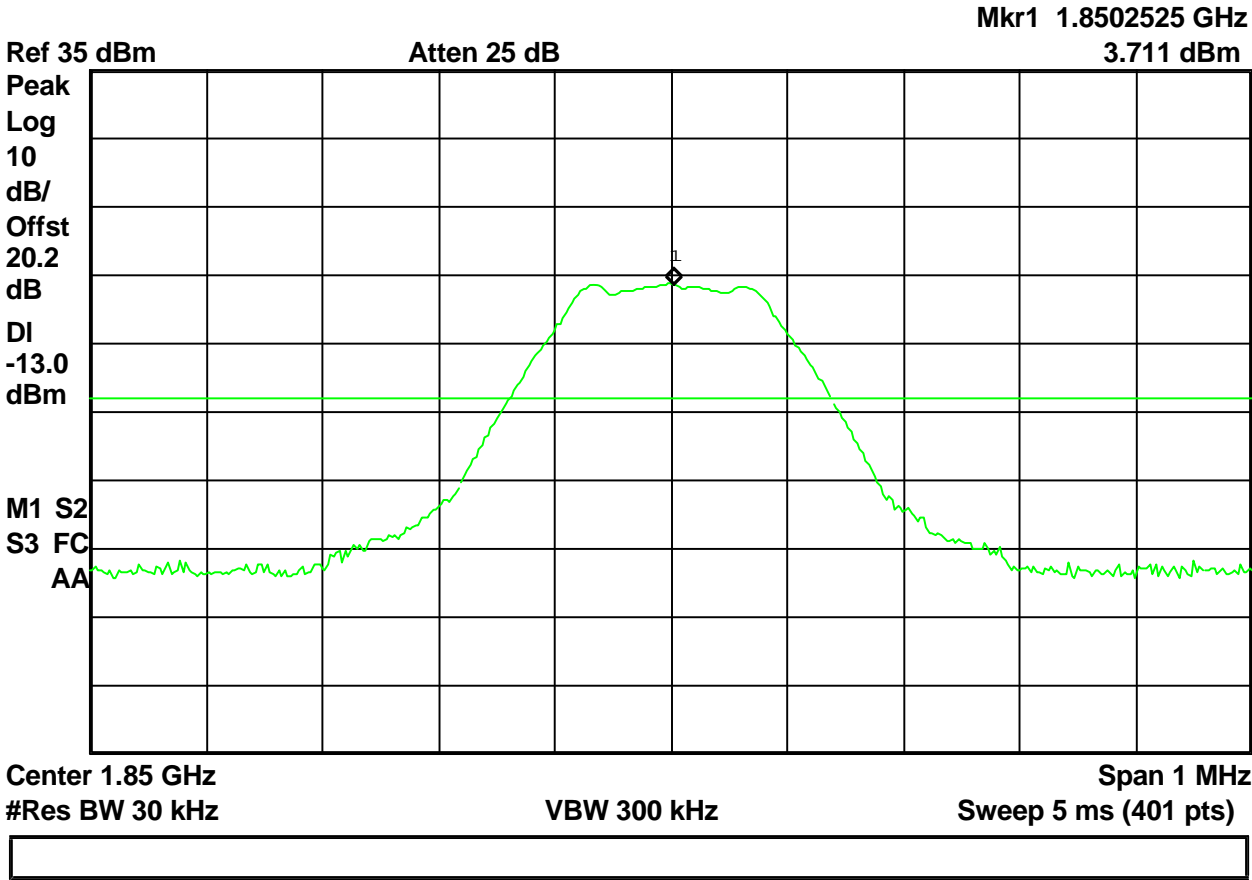





FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 11 Jun 2007		<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier				
			Uplink GSM 1850.200 MHz - Output	

Agilent 18:10:13 Jun 11, 2007

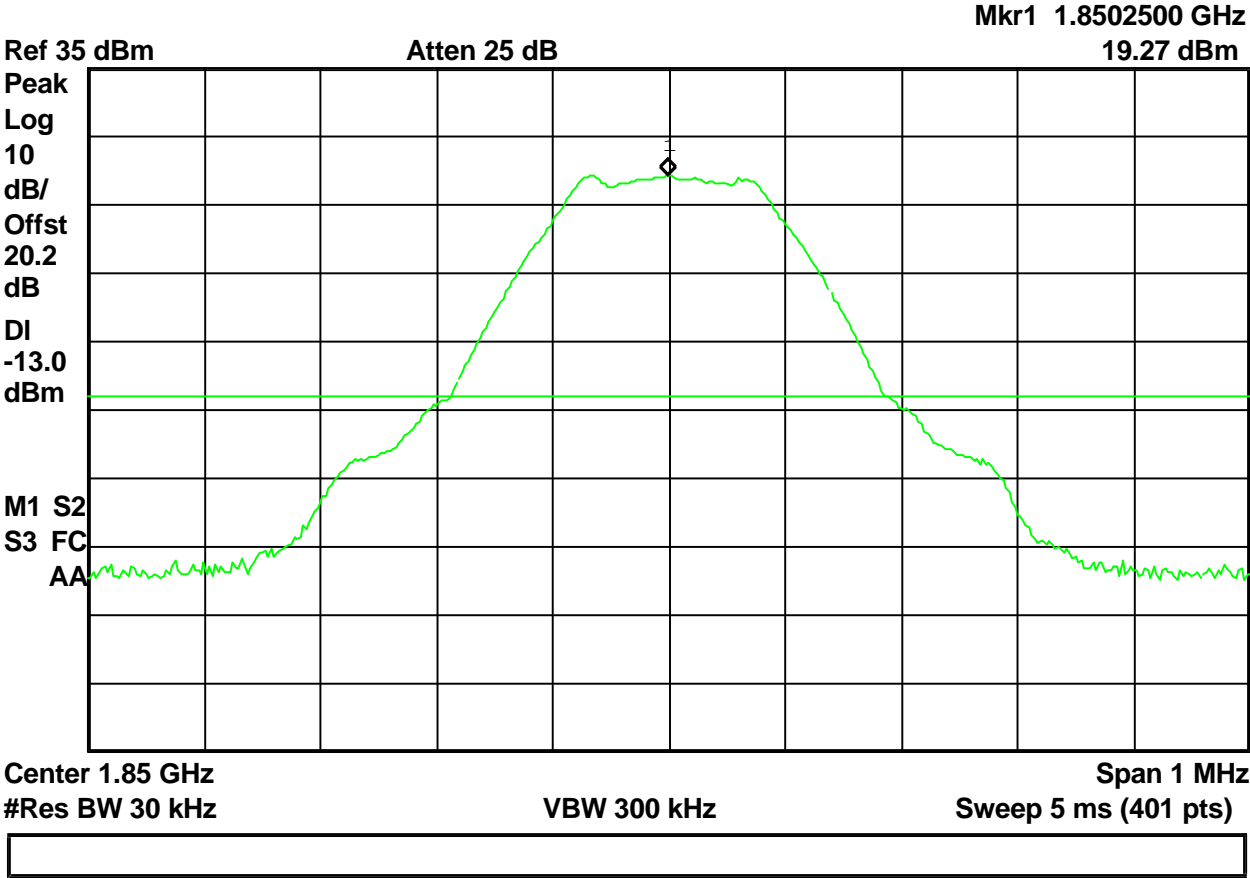

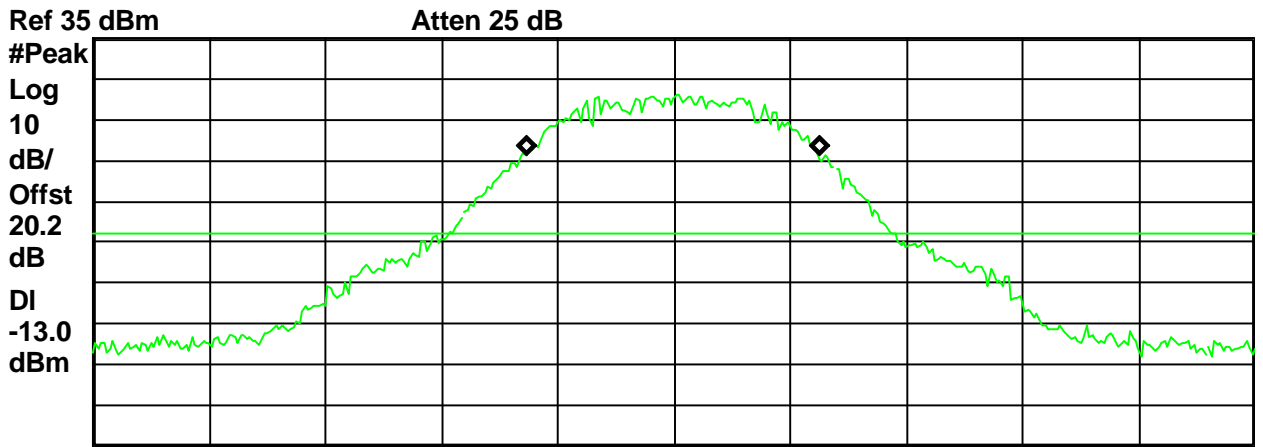


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Occupied Bandwidth</h3>	
	DNB Job Number: 78117 Customer: Janizary Holdings, Inc. Model Number: DBSW819 Description: RF amplifier Uplink GSM 1880 MHz	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

Agilent 18:02:05 Jun 11, 2007




Center 1.88 GHz      Span 1 MHz  
 #Res BW 30 kHz      VBW 300 kHz      Sweep 5 ms (401 pts)

Occupied Bandwidth      Occ BW % Pwr      99.00 %  
 252.1150 kHz      x dB      -26.00 dB

Transmit Freq Error      -2.155 kHz  
 x dB Bandwidth      338.439 kHz



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Uplink GSM 1880 MHz - Input				

Agilent 18:14:28 Jun 11, 2007

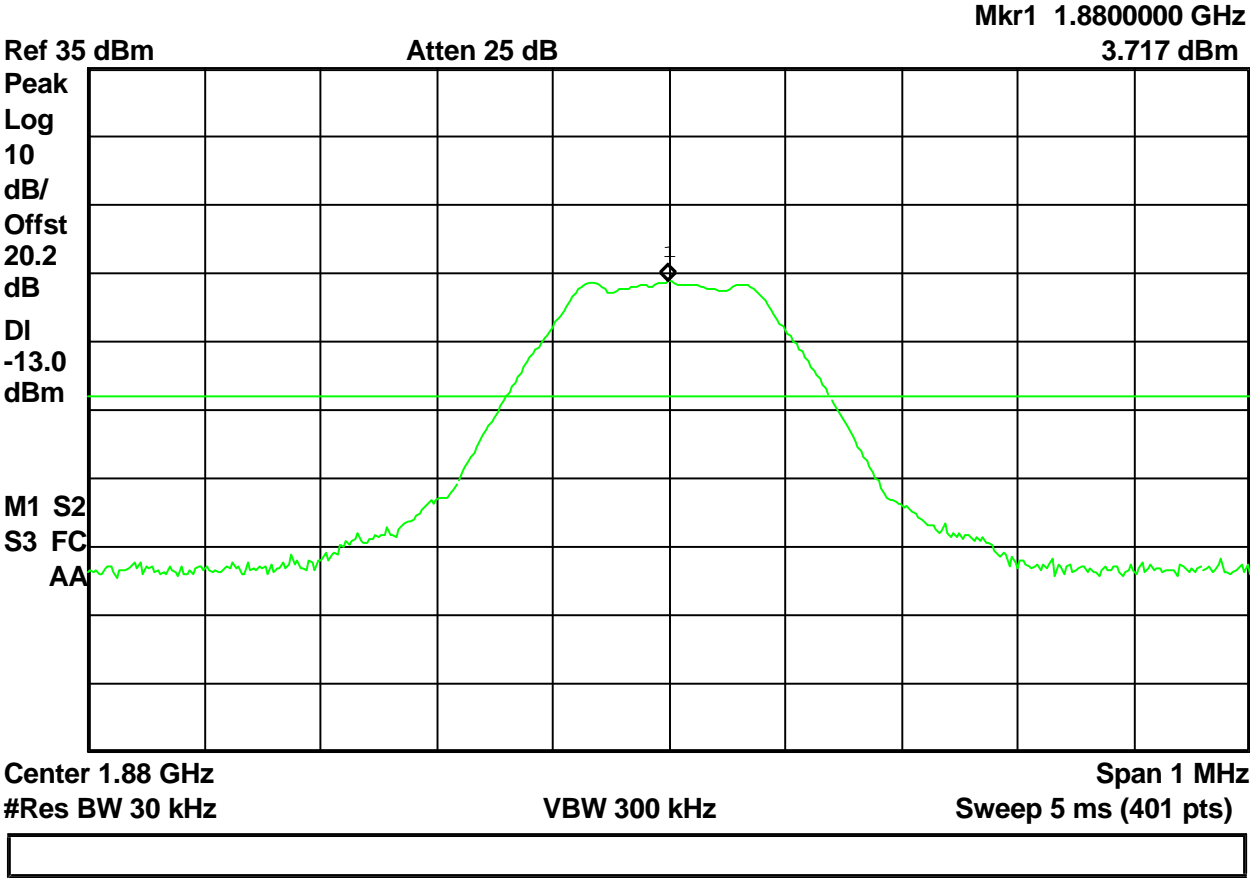



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 11 Jun 2007	<b>Conformance Standards</b> <input checked="" type="checkbox"/> IC RSS-131 <input checked="" type="checkbox"/> FCC Part 22 <input checked="" type="checkbox"/> FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier				
	Uplink GSM 1880 MHz - Output			

Agilent 18:10:56 Jun 11, 2007

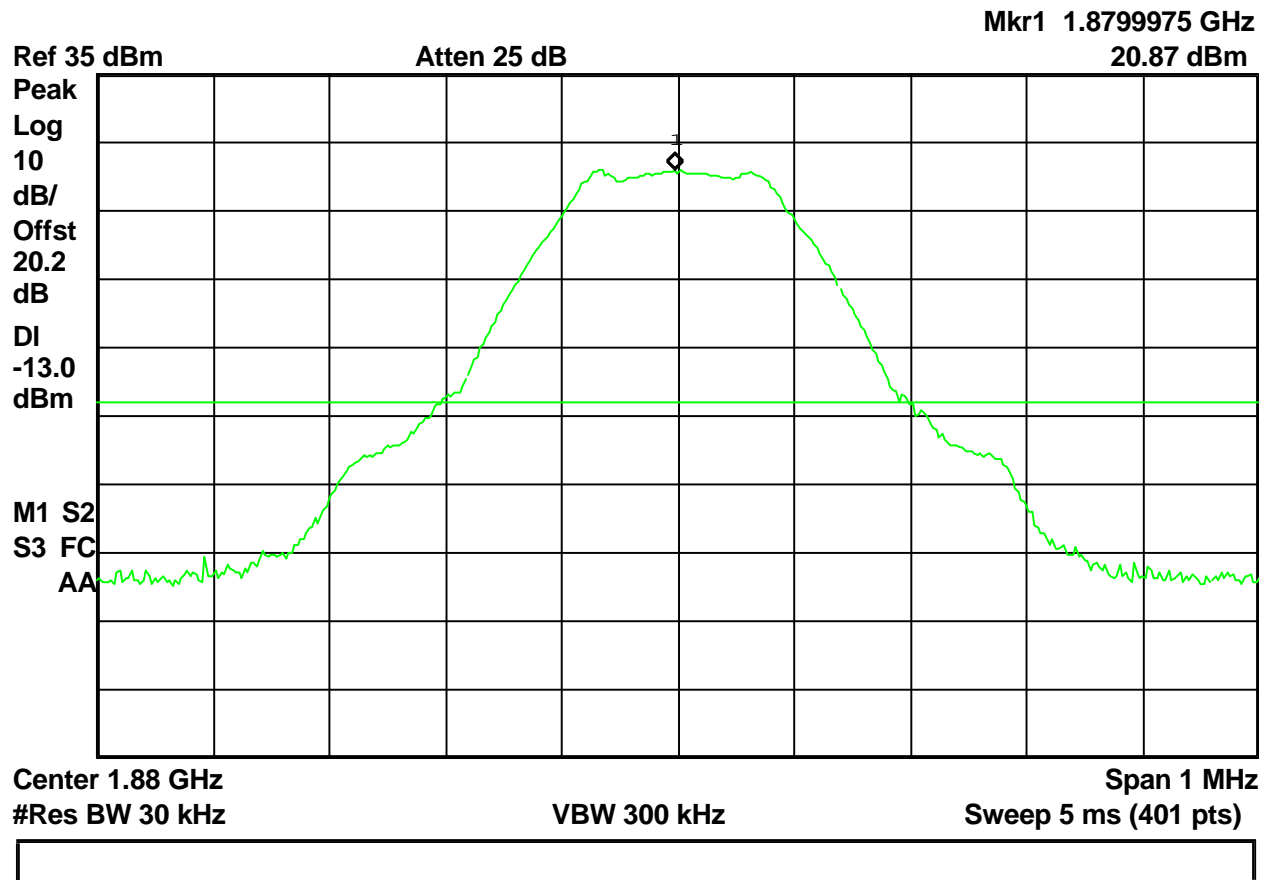

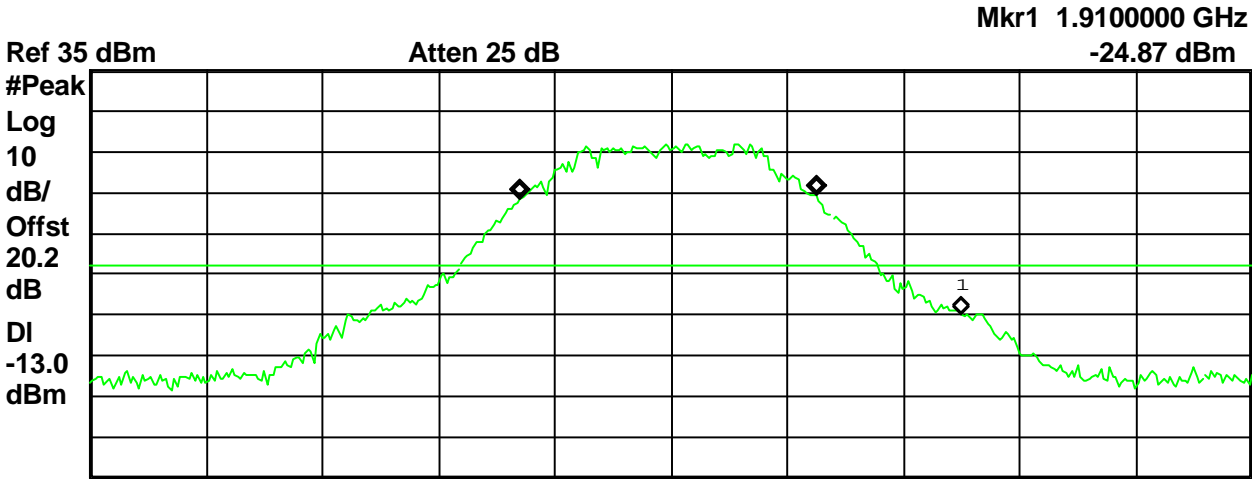


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Occupied Bandwidth</h3>	
	DNB Job Number: 78117 Customer: Janizary Holdings, Inc. Model Number: DBSW819 Description: RF amplifier Uplink GSM 1909.800 MHz	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

Agilent 18:02:47 Jun 11, 2007




Center 1.91 GHz Span 1 MHz  
 #Res BW 30 kHz VBW 300 kHz Sweep 5 ms (401 pts)

**Occupied Bandwidth** Occ BW % Pwr 99.00 %  
 255.0613 kHz x dB -26.00 dB

Transmit Freq Error -2.404 kHz  
 x dB Bandwidth 337.311 kHz



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Uplink GSM 1909.800 MHz - Input				

Agilent 18:15:10 Jun 11, 2007

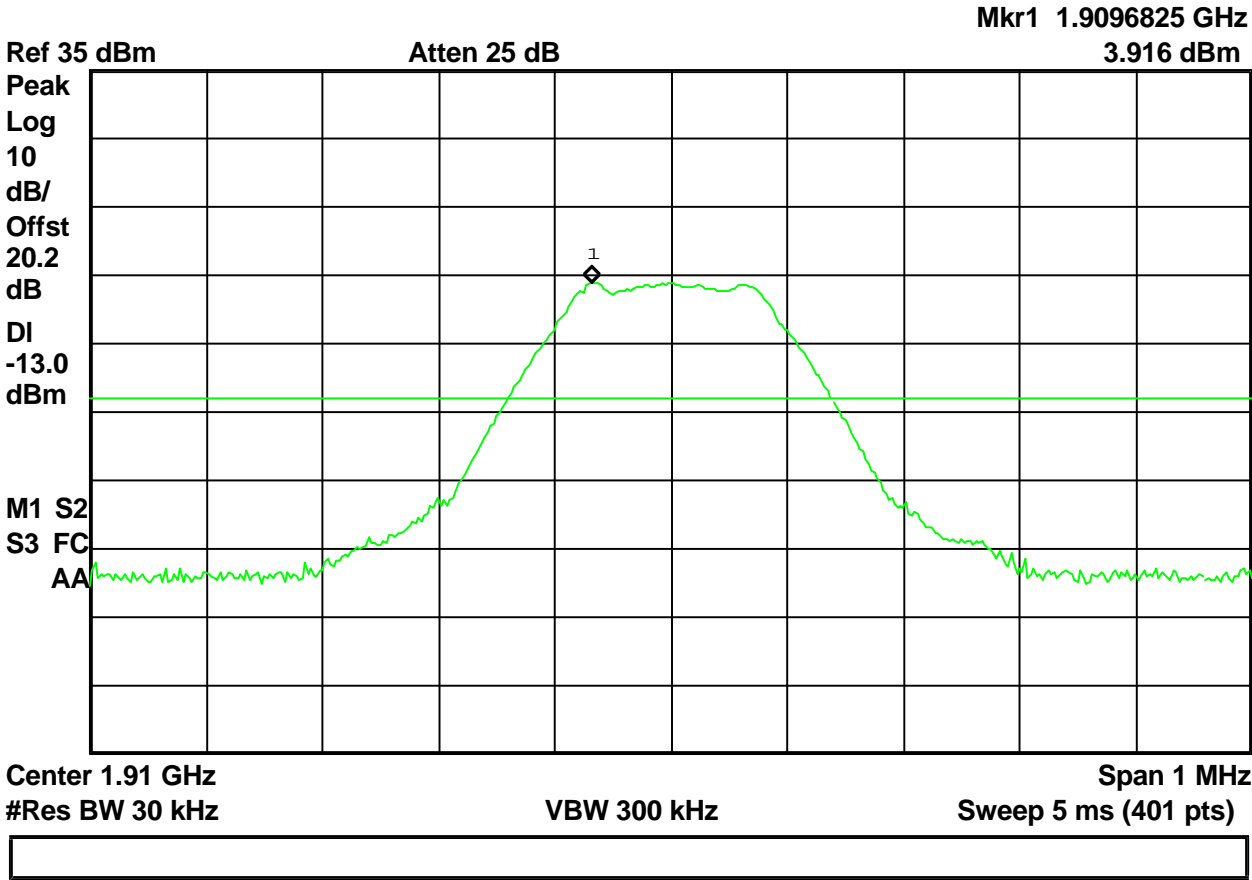



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Modulation Characteristics</b>	
DNB Job Number:	78117	Date:	11 Jun 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Uplink GSM 1909.800 MHz - Output		
		<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

Agilent 18:11:45 Jun 11, 2007

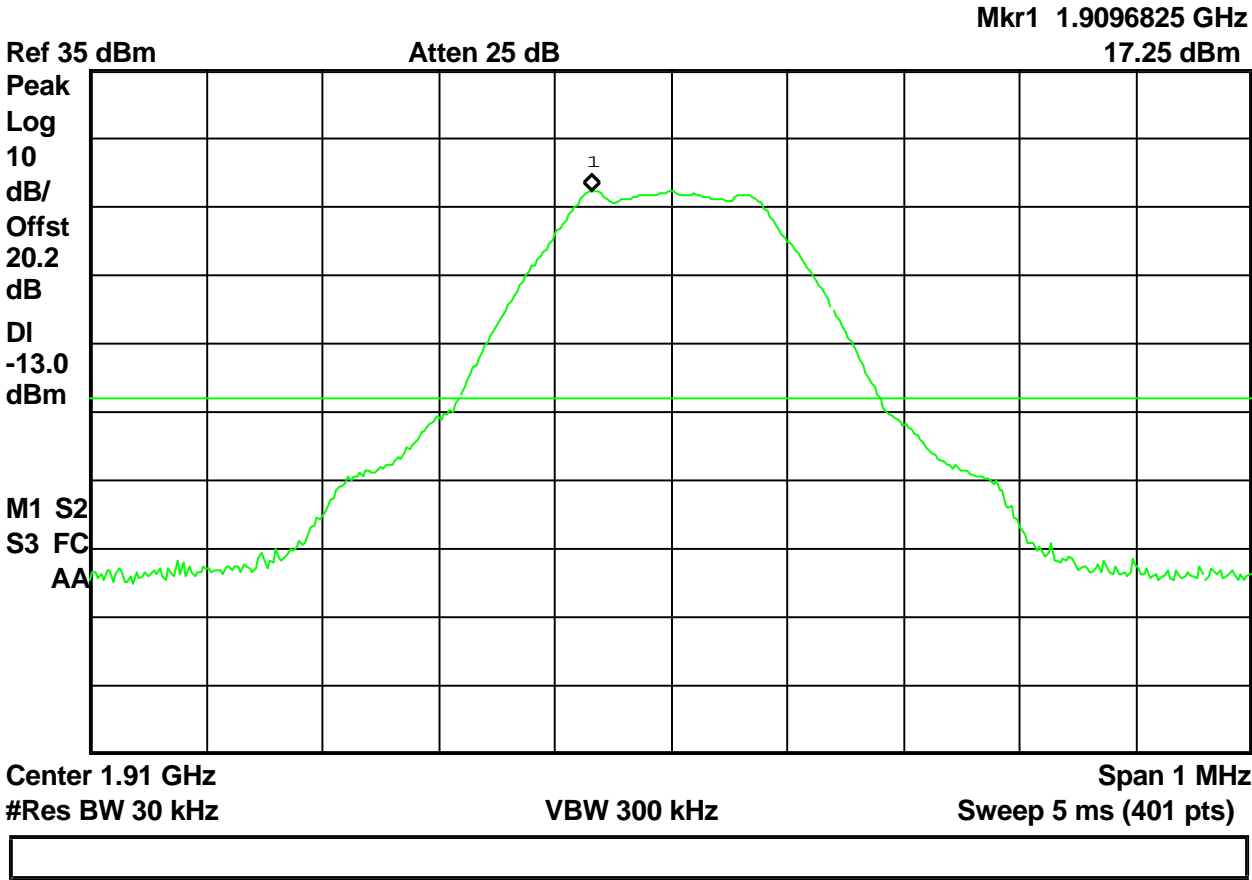

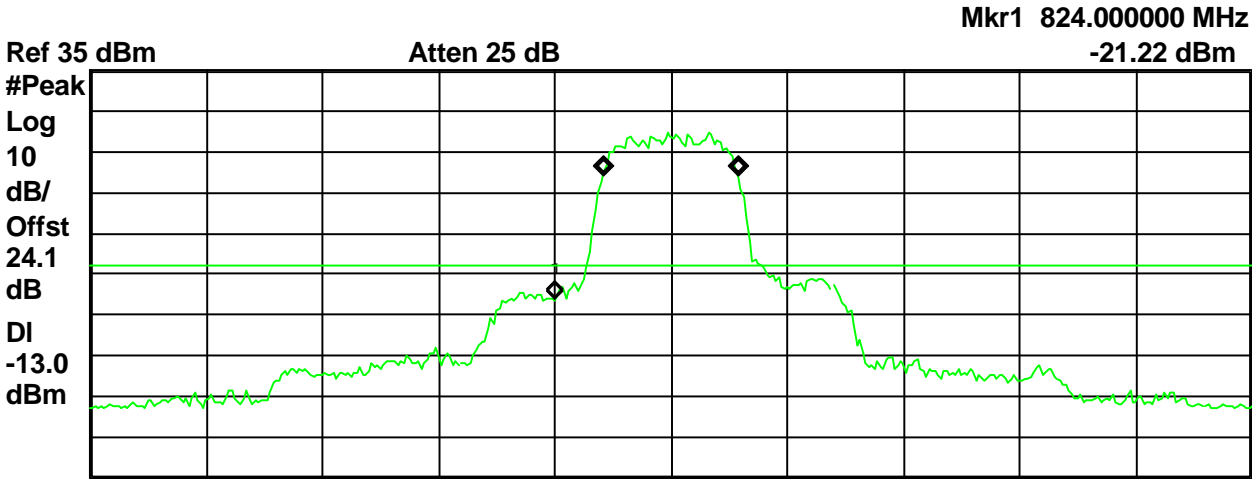


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Occupied Bandwidth</h3>	
	DNB Job Number: 78117 Customer: Janizary Holdings, Inc. Model Number: DBSW819 Description: RF amplifier Uplink TDMA 824.025 MHz	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

Agilent 05:38:30 Jun 12, 2007



**Center 824 MHz**      **Span 250 kHz**  
**#Res BW 1 kHz**      **VBW 10 kHz**      **Sweep 250.8 ms (401 pts)**


**Occupied Bandwidth**      Occ BW % Pwr      99.00 %  
**28.8624 kHz**      x dB      -26.00 dB

Transmit Freq Error      -142.939 Hz  
 x dB Bandwidth      33.984 kHz





FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier				
	Uplink TDMA 824.025 MHz - Input			

Agilent 05:55:01 Jun 12, 2007

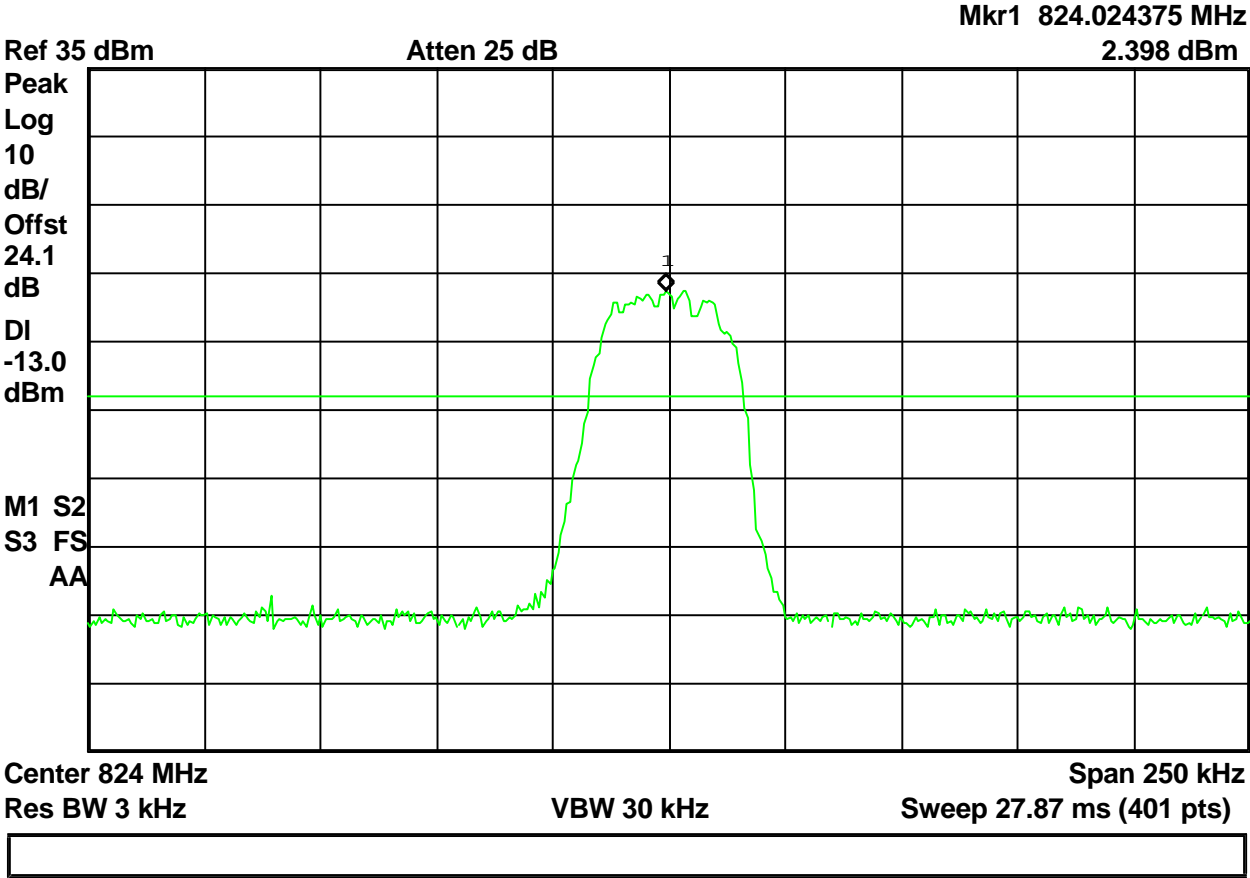



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier				
	Uplink TDMA 824.025 MHz - Output			

Agilent 05:52:49 Jun 12, 2007

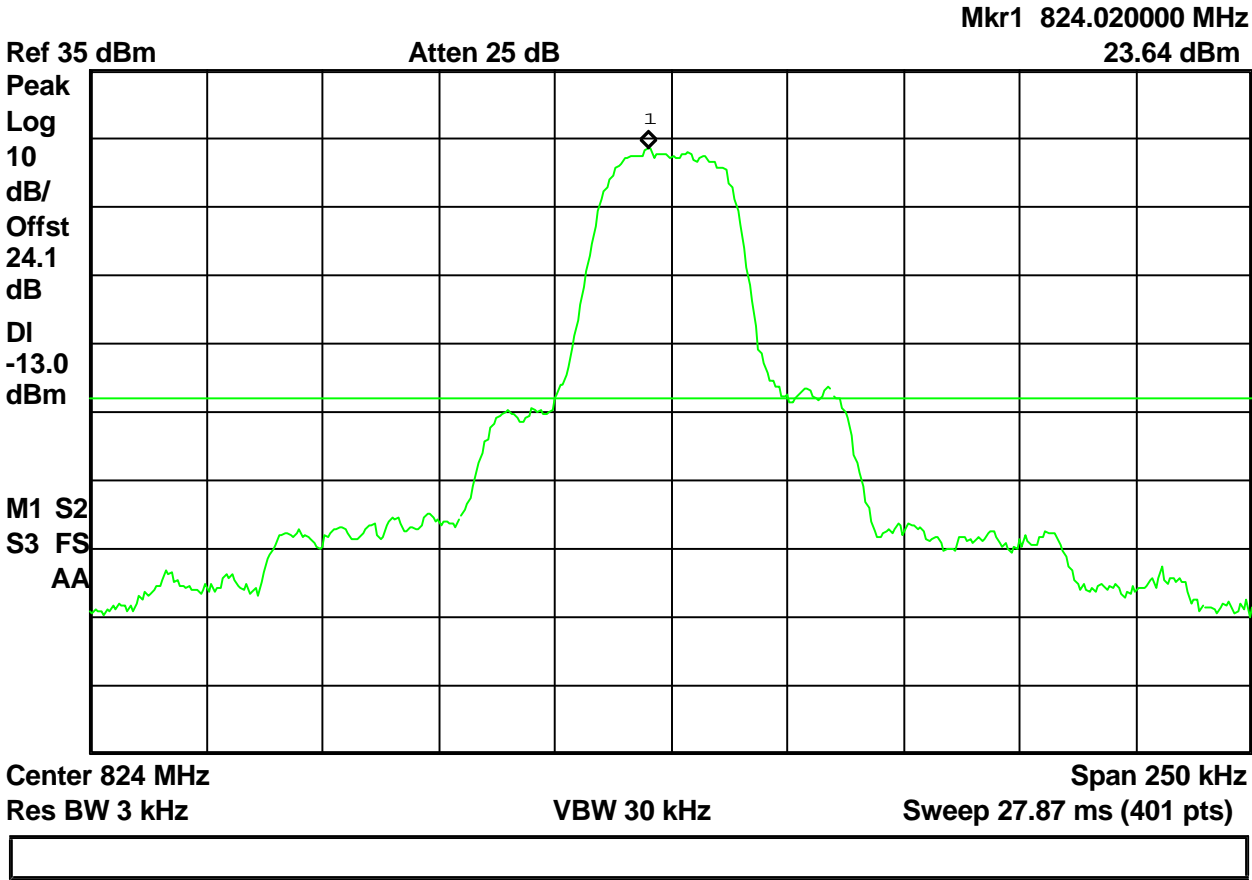



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Occupied Bandwidth</h3>	
	DNB Job Number: 78117 Customer: Janizary Holdings, Inc. Model Number: DBSW819 Description: RF amplifier Uplink TDMA 836.5 MHz	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

Agilent 05:39:14 Jun 12, 2007



Center 836.5 MHz Span 250 kHz  
 #Res BW 1 kHz VBW 10 kHz Sweep 250.8 ms (401 pts)


**Occupied Bandwidth**  
**28.4613 kHz**

Occ BW % Pwr 99.00 %  
 x dB -26.00 dB

Transmit Freq Error -219.270 Hz  
 x dB Bandwidth 33.291 kHz



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier				
	Uplink TDMA 836.5 MHz - Input			

Agilent 05:55:29 Jun 12, 2007

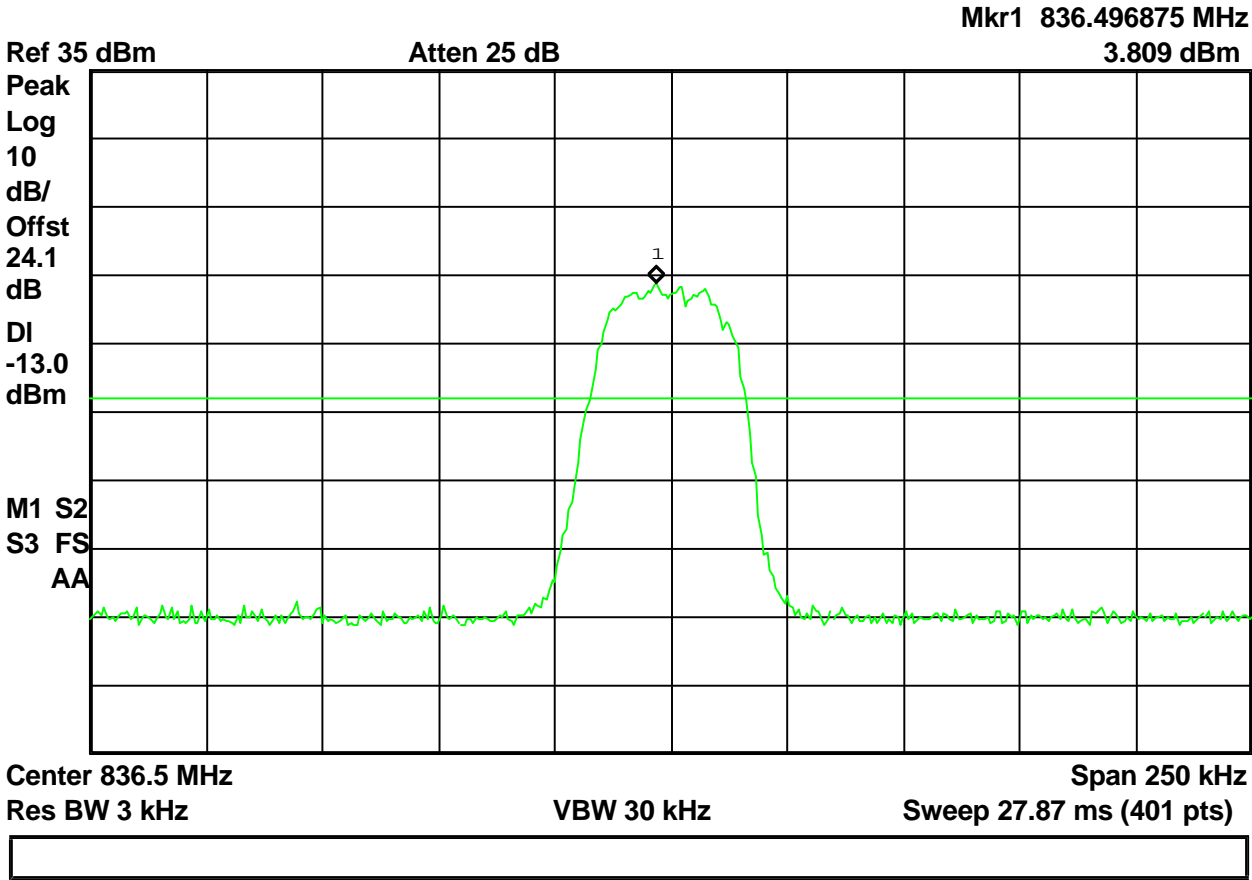



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Uplink TDMA 836.5 MHz - Output				

Agilent 05:53:18 Jun 12, 2007

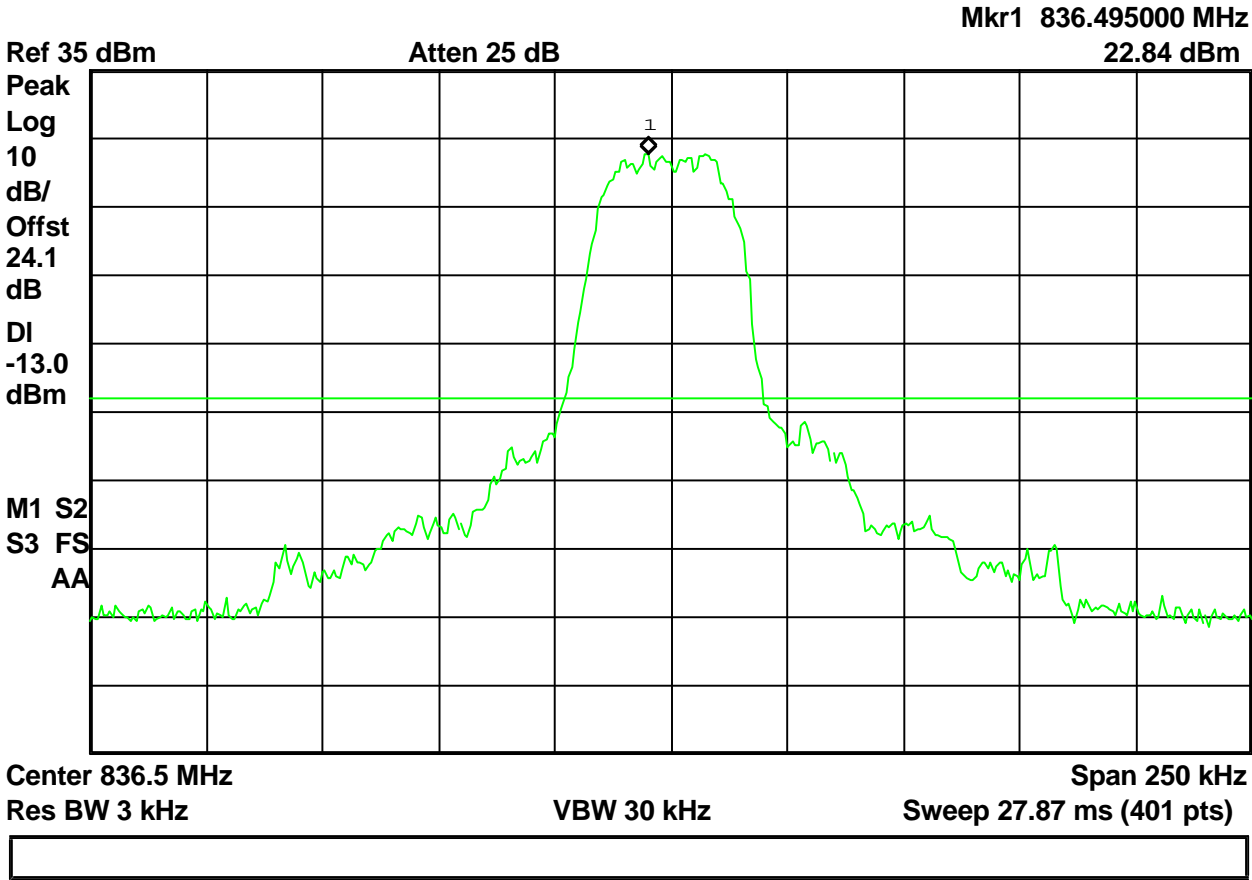

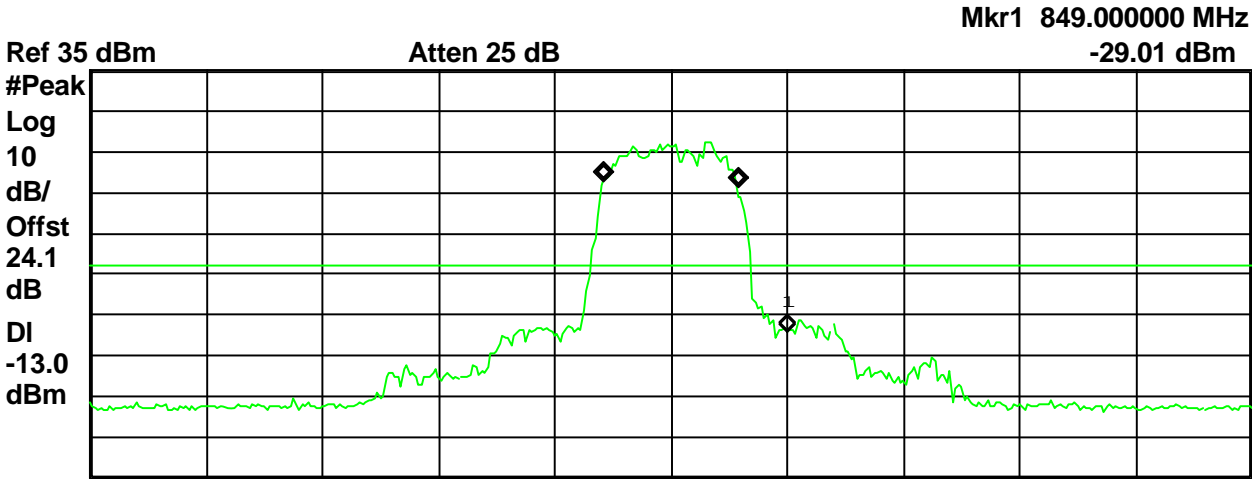


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Occupied Bandwidth</h3>	
	DNB Job Number: 78117 Customer: Janizary Holdings, Inc. Model Number: DBSW819 Description: RF amplifier Uplink TDMA 848.975 MHz	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

Agilent 05:40:08 Jun 12, 2007




Center 849 MHz      Span 250 kHz  
 #Res BW 1 kHz      VBW 10 kHz      Sweep 250.8 ms (401 pts)

**Occupied Bandwidth**      Occ BW % Pwr      99.00 %  
 28.6990 kHz      x dB      -26.00 dB

Transmit Freq Error      -225.606 Hz  
 x dB Bandwidth      33.620 kHz



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier				
	Uplink TDMA 848.975 MHz - Input			

Agilent 05:56:07 Jun 12, 2007

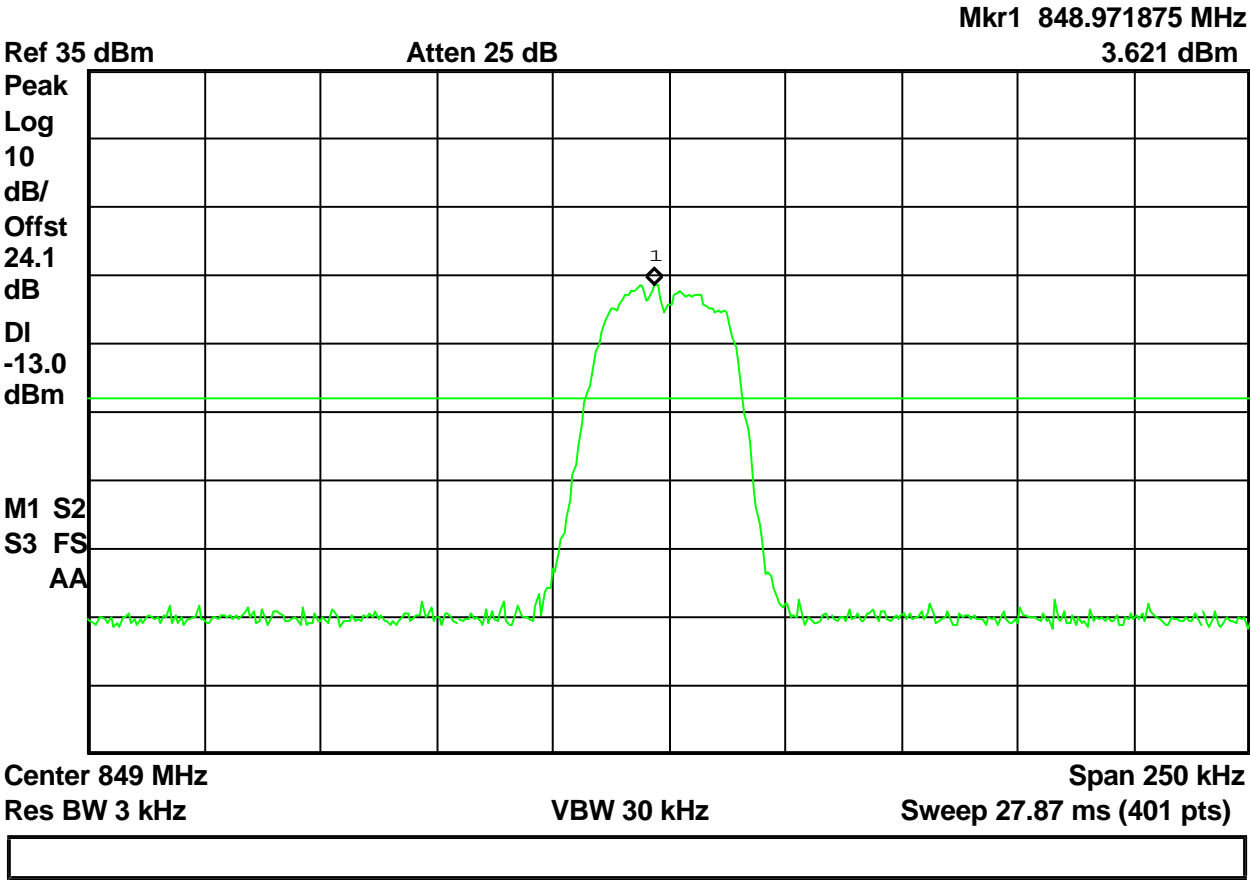



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier				
	Uplink TDMA 848.975 MHz - Output			

Agilent 05:53:47 Jun 12, 2007

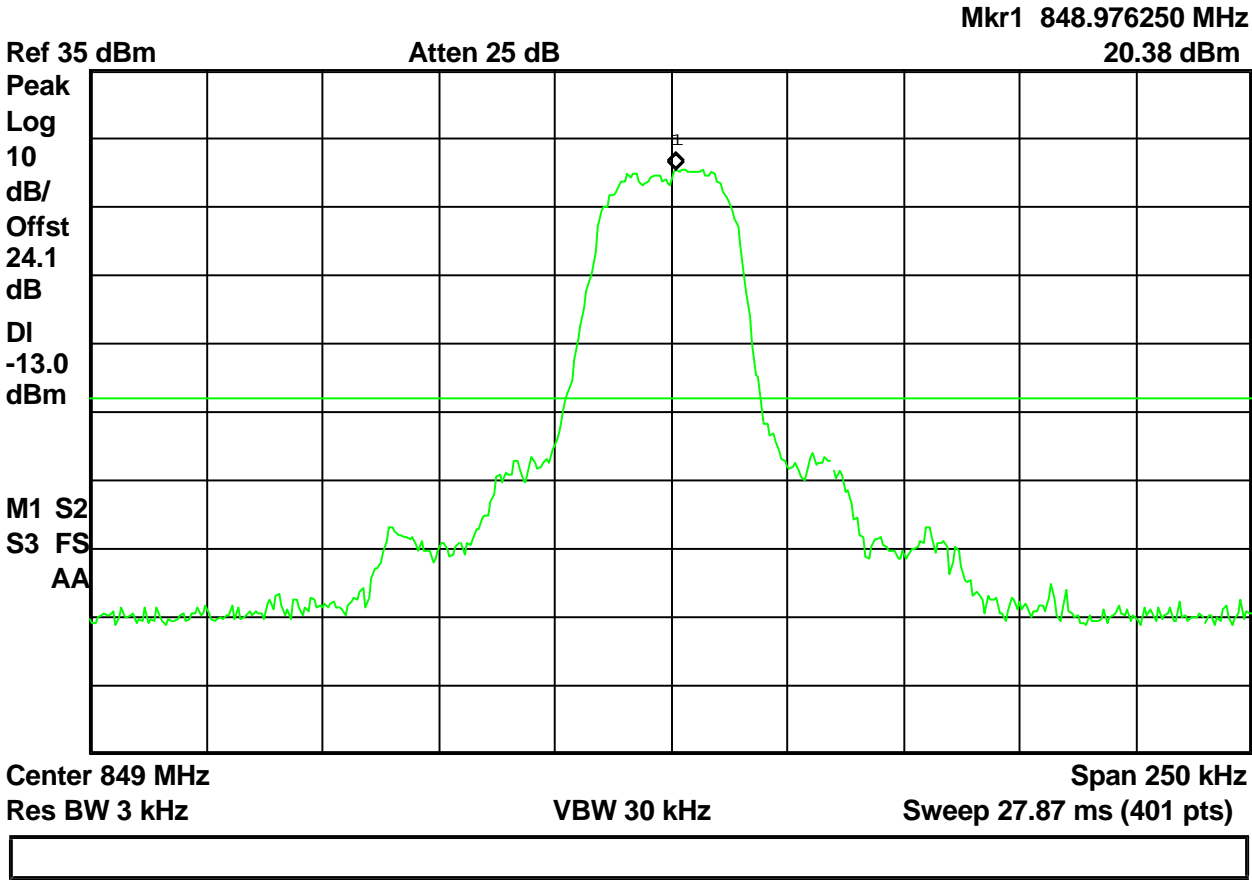

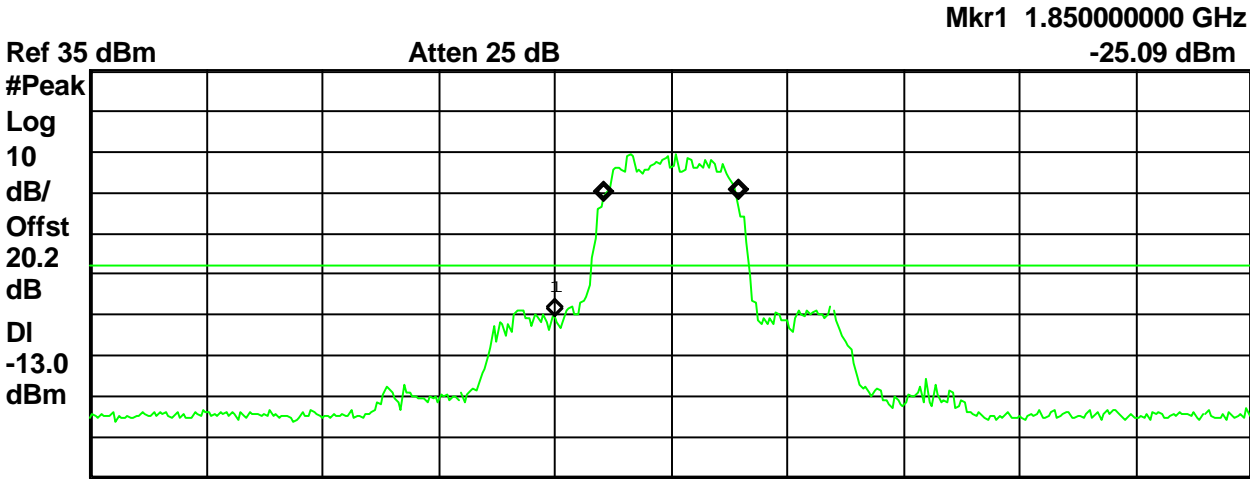




FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Occupied Bandwidth</h3>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Uplink TDMA 1850.025 MHz				

Agilent 06:30:41 Jun 12, 2007




Center 1.85 GHz      Span 250 kHz  
 #Res BW 1 kHz      VBW 10 kHz      Sweep 250.8 ms (401 pts)

Occupied Bandwidth      Occ BW % Pwr      99.00 %  
 28.7211 kHz      x dB      -26.00 dB

Transmit Freq Error      -240.003 Hz  
 x dB Bandwidth      33.734 kHz



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier				
	Uplink TDMA 1850.025 MHz - Input			

Agilent 06:43:03 Jun 12, 2007

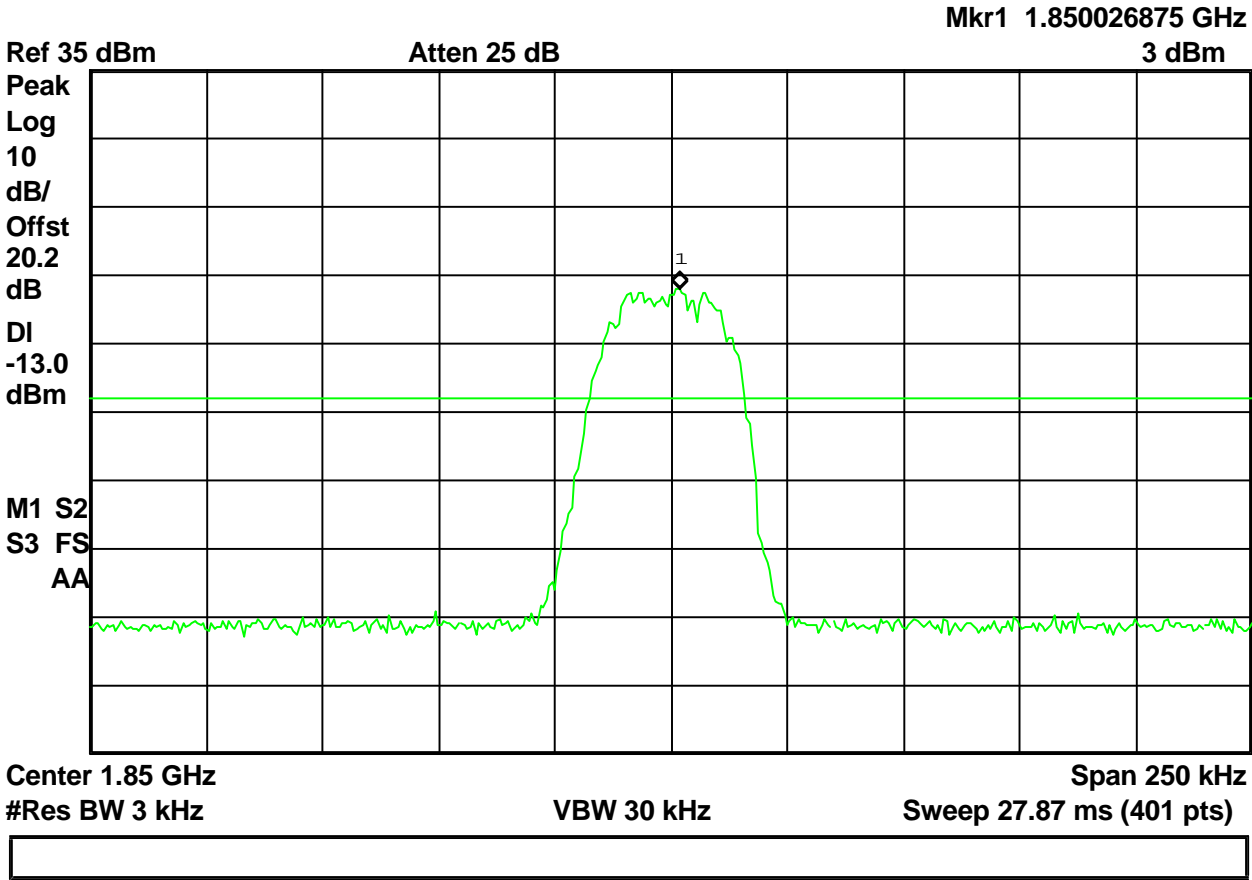



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier				
	Uplink TDMA 1850.025 MHz - Output			

Agilent 06:40:13 Jun 12, 2007

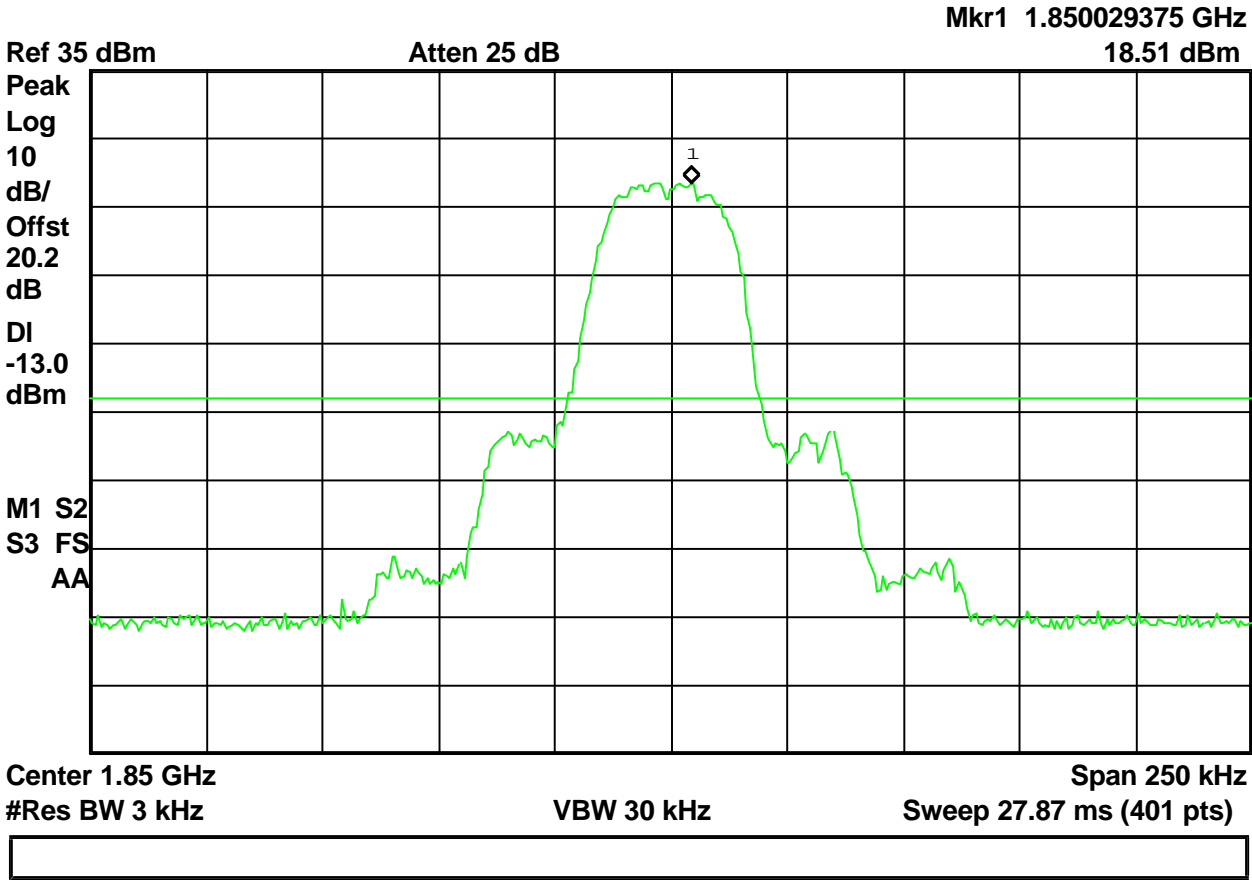

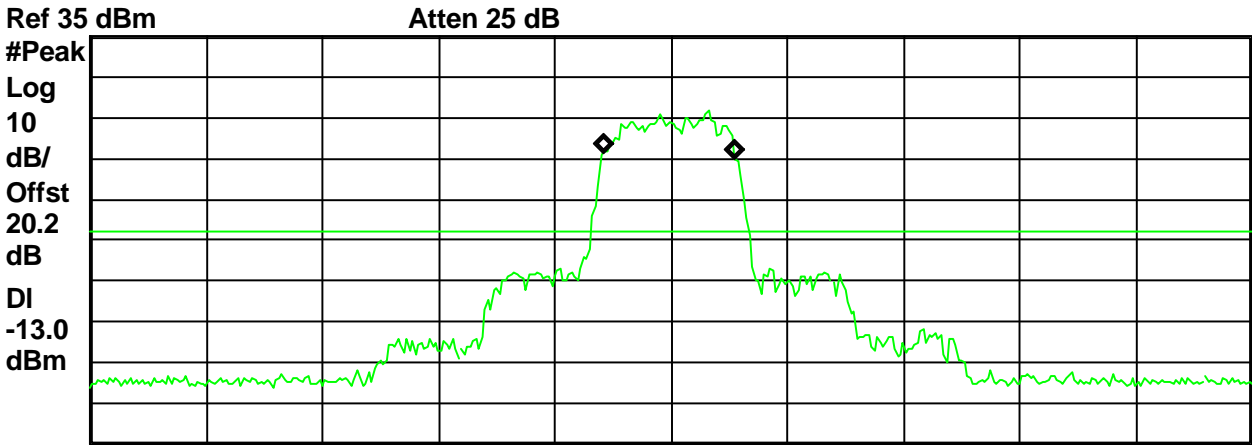


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Occupied Bandwidth</h3>	
	DNB Job Number: 78117 Customer: Janizary Holdings, Inc. Model Number: DBSW819 Description: RF amplifier Uplink TDMA 1880 MHz	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

Agilent 06:31:23 Jun 12, 2007



Center 1.88 GHz Span 250 kHz  
 #Res BW 1 kHz VBW 10 kHz Sweep 250.8 ms (401 pts)


**Occupied Bandwidth**  
**28.7264 kHz**

Occ BW % Pwr 99.00 %  
 x dB -26.00 dB

Transmit Freq Error -324.145 Hz  
 x dB Bandwidth 33.058 kHz



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Uplink TDMA 1880 MHz - Input				

Agilent 06:43:30 Jun 12, 2007

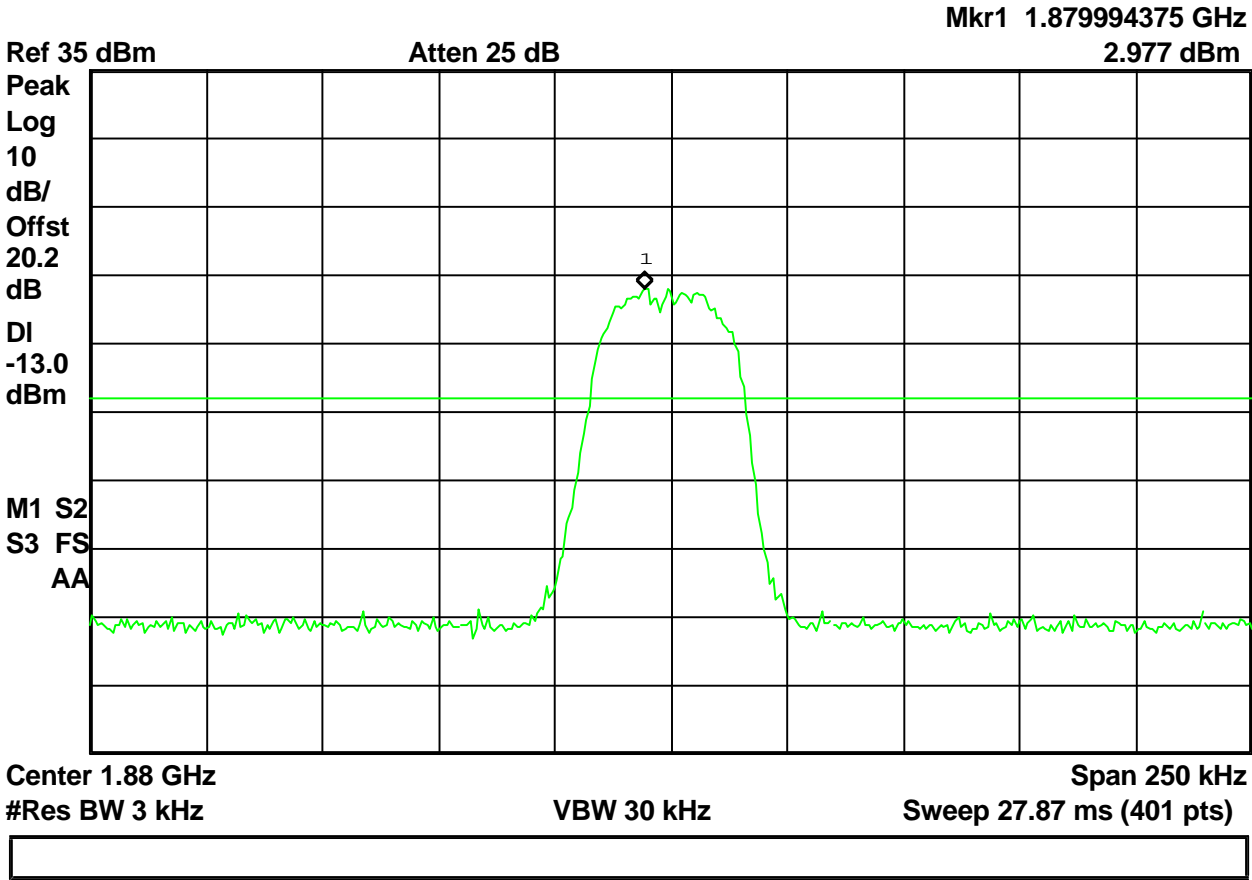



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Uplink TDMA 1880 MHz - Output				

Agilent 06:40:39 Jun 12, 2007

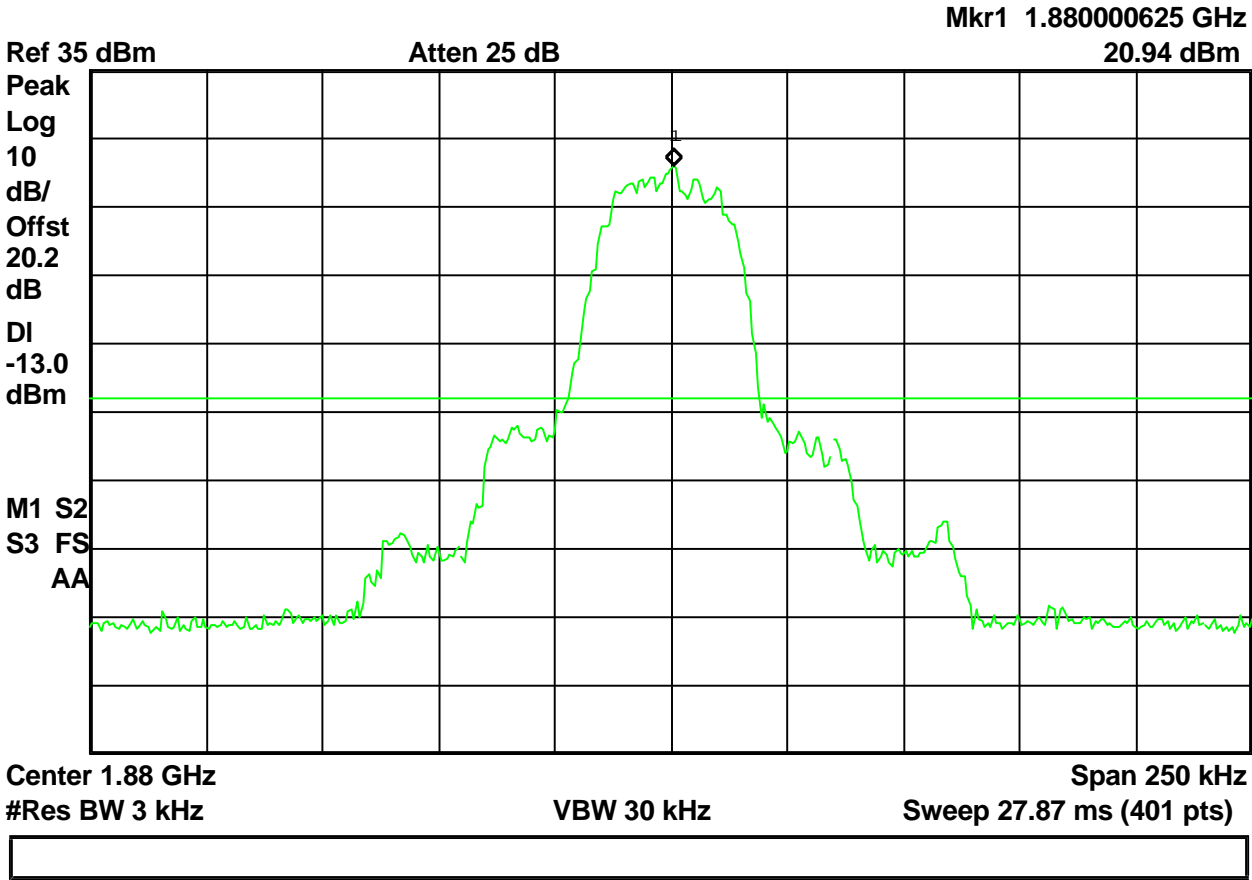

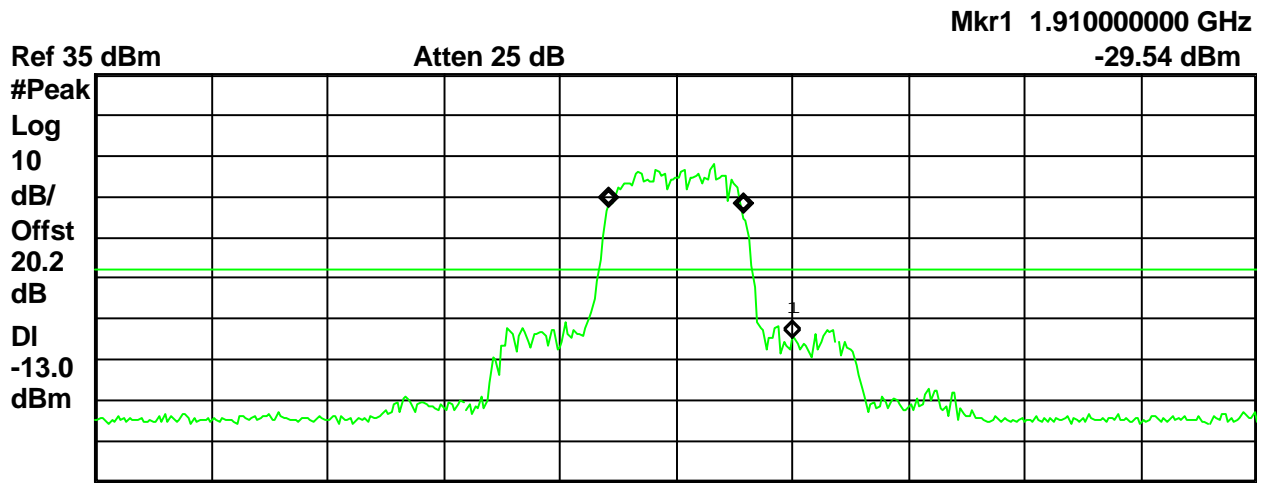


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Occupied Bandwidth</h3>	
	DNB Job Number: 78117 Customer: Janizary Holdings, Inc. Model Number: DBSW819 Description: RF amplifier Uplink TDMA 1909.975 MHz	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

Agilent 06:32:14 Jun 12, 2007



Center 1.91 GHz Span 250 kHz  
 #Res BW 1 kHz VBW 10 kHz Sweep 250.8 ms (401 pts)


**Occupied Bandwidth**  
**28.8083 kHz**

Occ BW % Pwr 99.00 %  
 x dB -26.00 dB

Transmit Freq Error -218.233 Hz  
 x dB Bandwidth 33.073 kHz



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Uplink TDMA 1909.975 MHz - Input				

Agilent 06:44:02 Jun 12, 2007

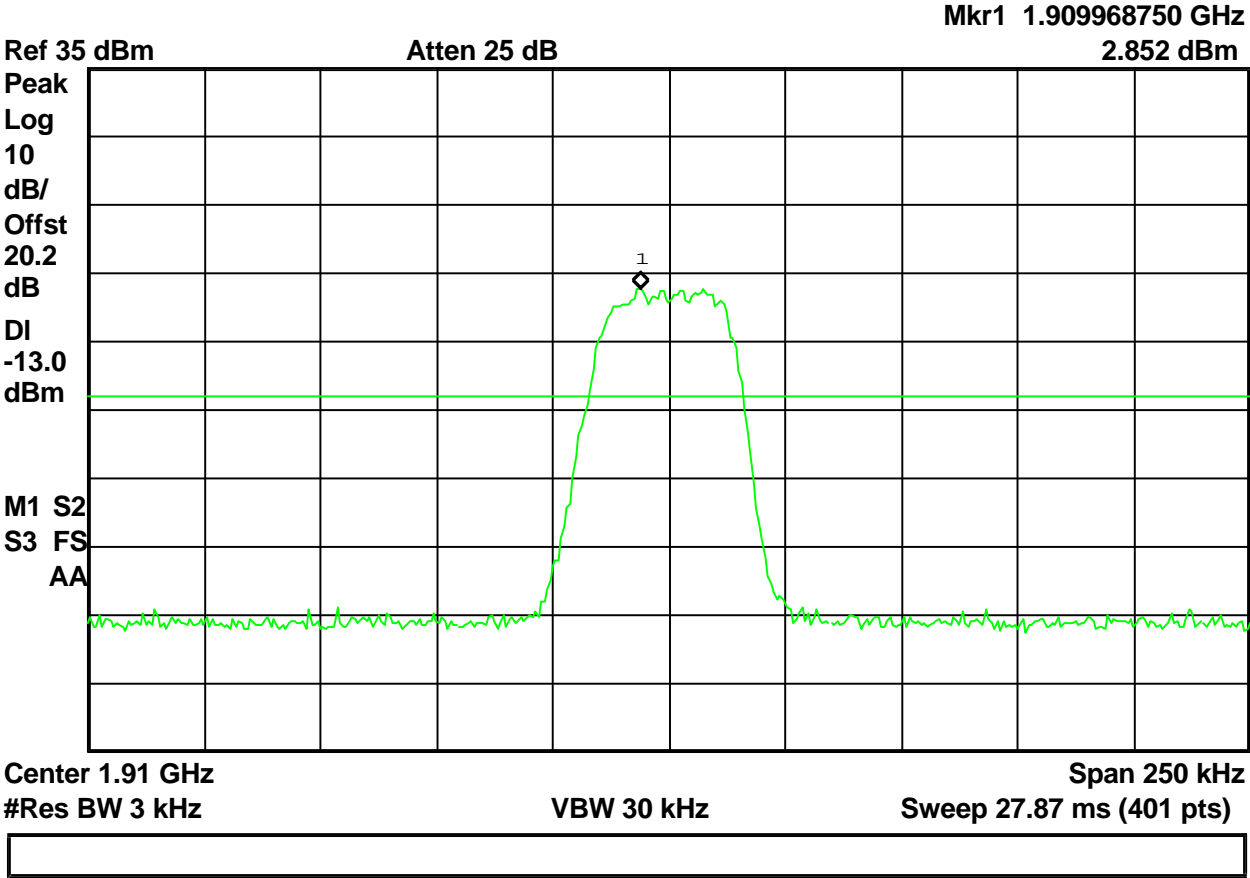





FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.	Model Number: DBSW819			
Description: RF amplifier	Uplink TDMA 1909.975 MHz - Output			

Agilent 06:41:29 Jun 12, 2007

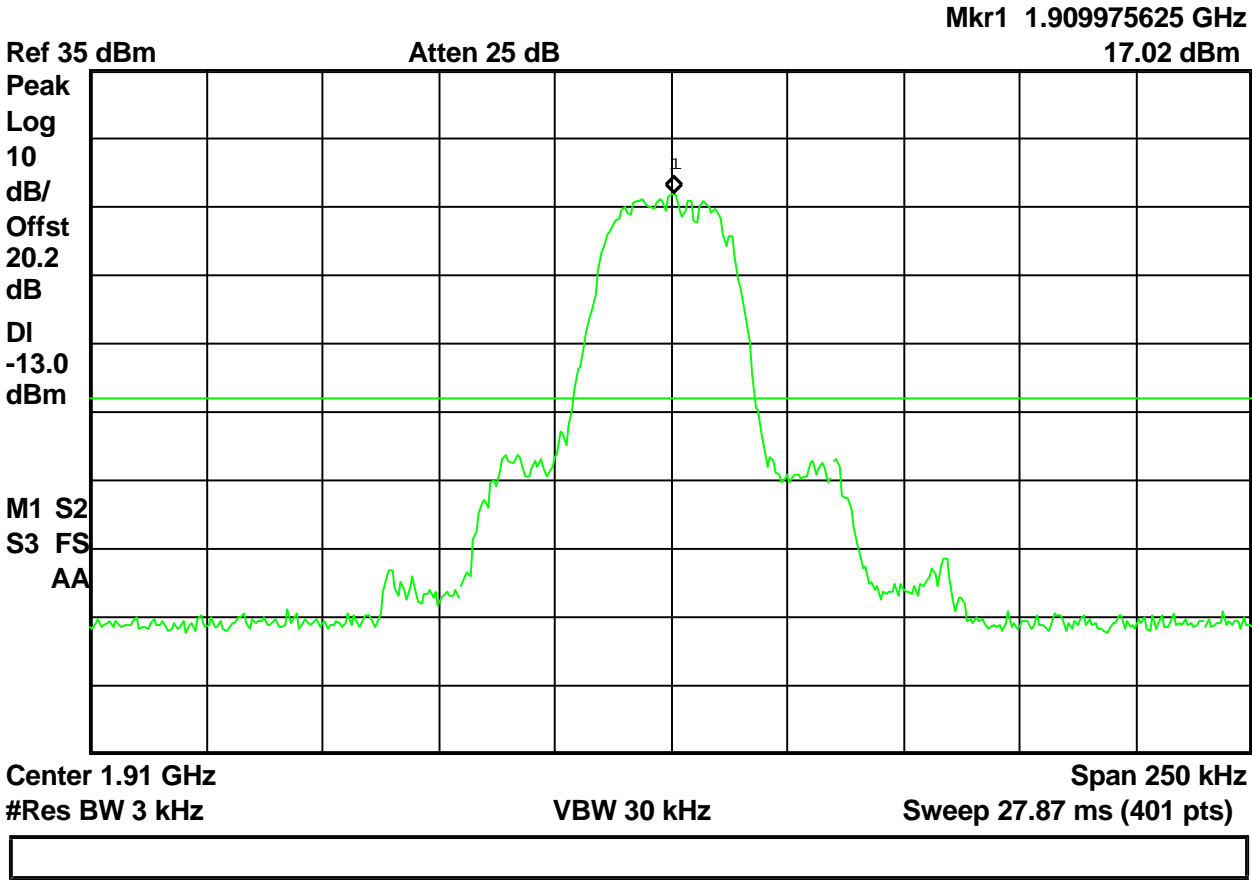

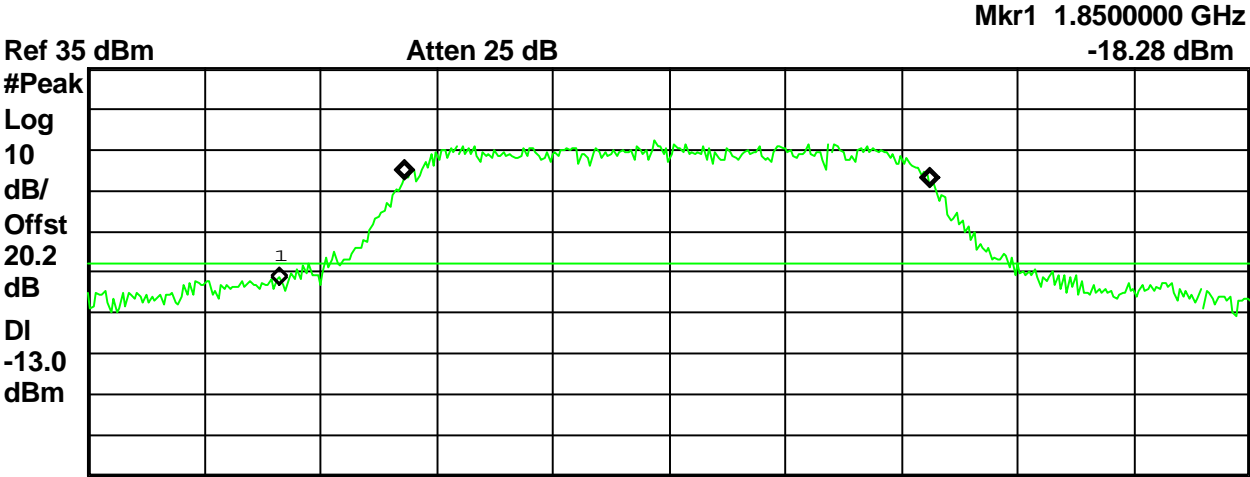


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Occupied Bandwidth</h3>	
	DNB Job Number: 78117 Customer: Janizary Holdings, Inc. Model Number: DBSW819 Description: RF amplifier Uplink CDMA 1851 MHz	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

Agilent 08:37:47 Jun 12, 2007




Center 1.851 GHz      Span 3 MHz  
 #Res BW 100 kHz      VBW 1 MHz      Sweep 5 ms (401 pts)

Occupied Bandwidth      Occ BW % Pwr      99.00 %  
 1.3600 MHz      x dB      -26.00 dB

Transmit Freq Error      -4.792 kHz  
 x dB Bandwidth      1.600 MHz



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.			<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Model Number:	DBSW819			
Description:	RF amplifier			
	Uplink CDMA 1851 MHz - Input			

Agilent 08:51:34 Jun 12, 2007

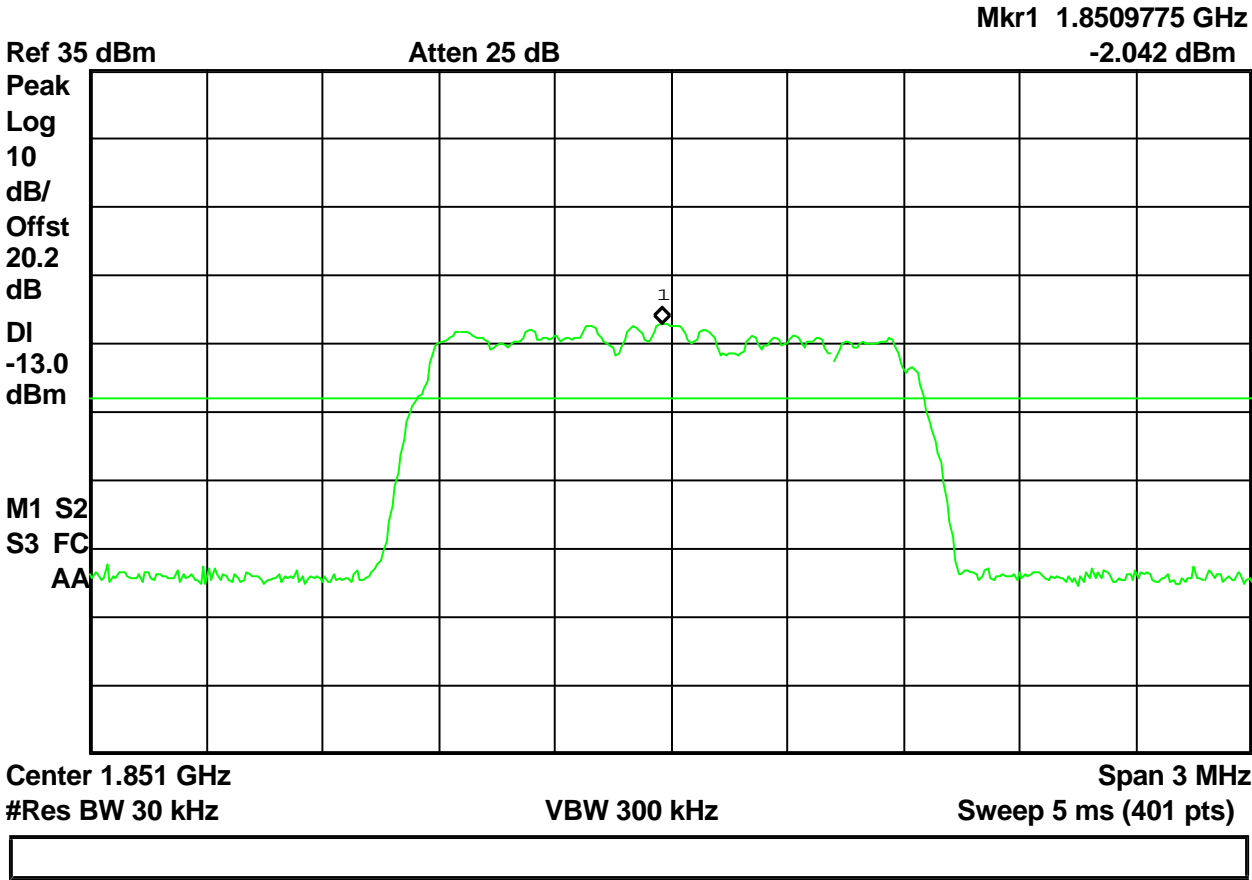



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Modulation Characteristics</b>	
	DNB Job Number: 78117 Customer: Janizary Holdings, Inc. Model Number: DBSW819 Description: RF amplifier Uplink CDMA 1851 MHz - Output	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24

Agilent 08:47:22 Jun 12, 2007

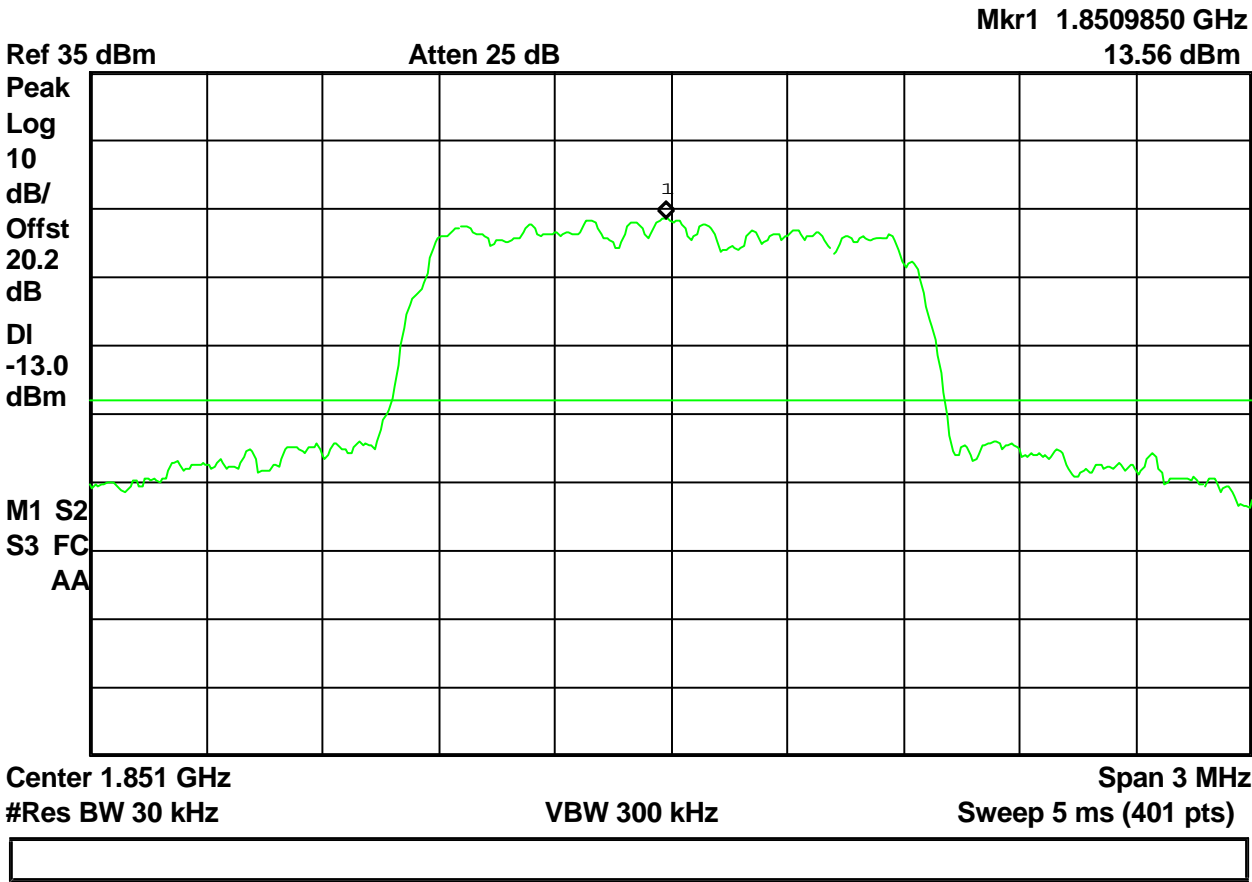

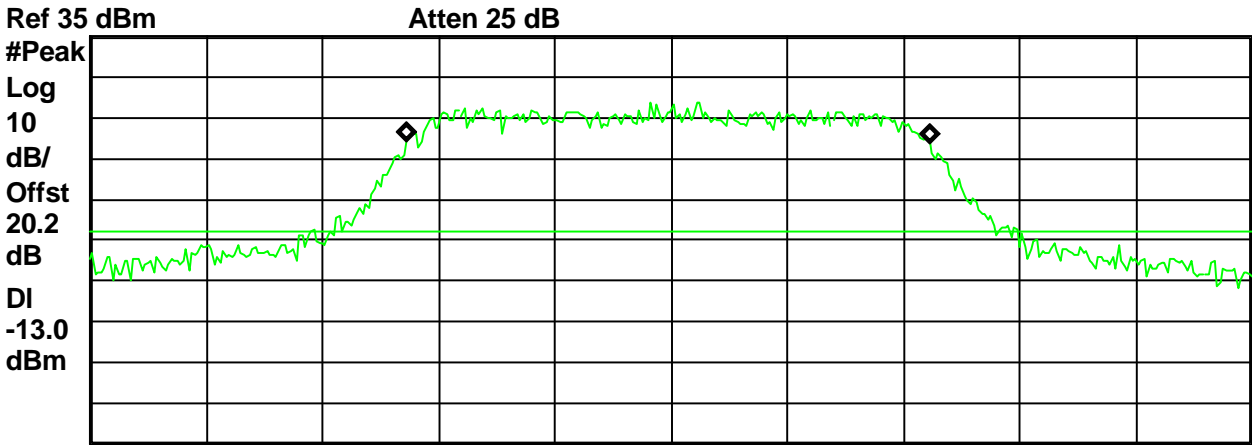


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Occupied Bandwidth</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Uplink CDMA 1880 MHz				

Agilent 08:38:23 Jun 12, 2007




Center 1.88 GHz Span 3 MHz  
 #Res BW 100 kHz VBW 1 MHz Sweep 5 ms (401 pts)

**Occupied Bandwidth** Occ BW % Pwr 99.00 %  
1.3513 MHz x dB -26.00 dB

Transmit Freq Error -6.835 kHz  
 x dB Bandwidth 1.596 MHz



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.			<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Model Number:	DBSW819			
Description:	RF amplifier			
Uplink CDMA 1880 MHz - Input				

Agilent 08:52:01 Jun 12, 2007

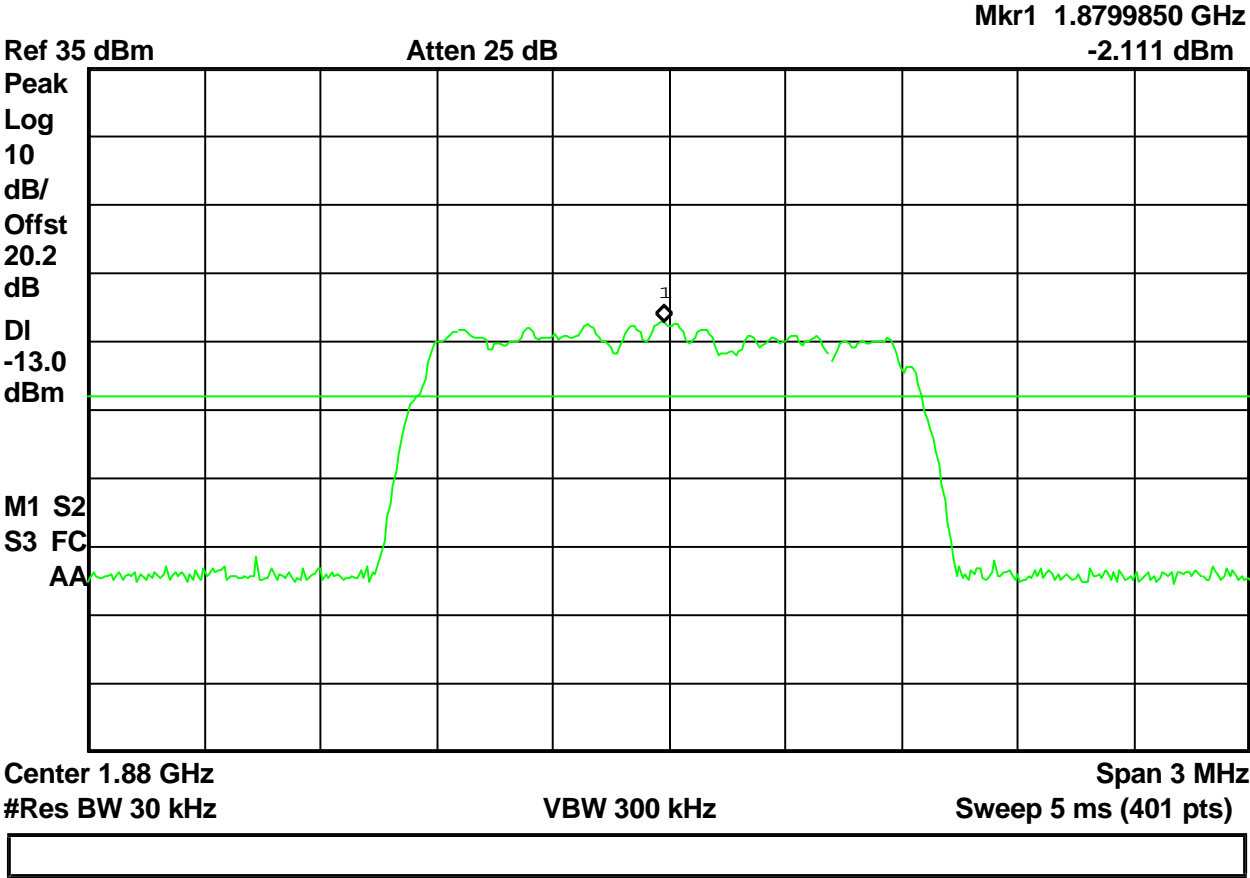



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Modulation Characteristics</b>	
DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Uplink CDMA 1880 MHz - Output		
		<b>Conformance Standards</b>	
		<input checked="" type="checkbox"/> IC RSS-131	
		<input checked="" type="checkbox"/> FCC Part 22	
		<input checked="" type="checkbox"/> FCC Part 24	

Agilent 08:47:49 Jun 12, 2007

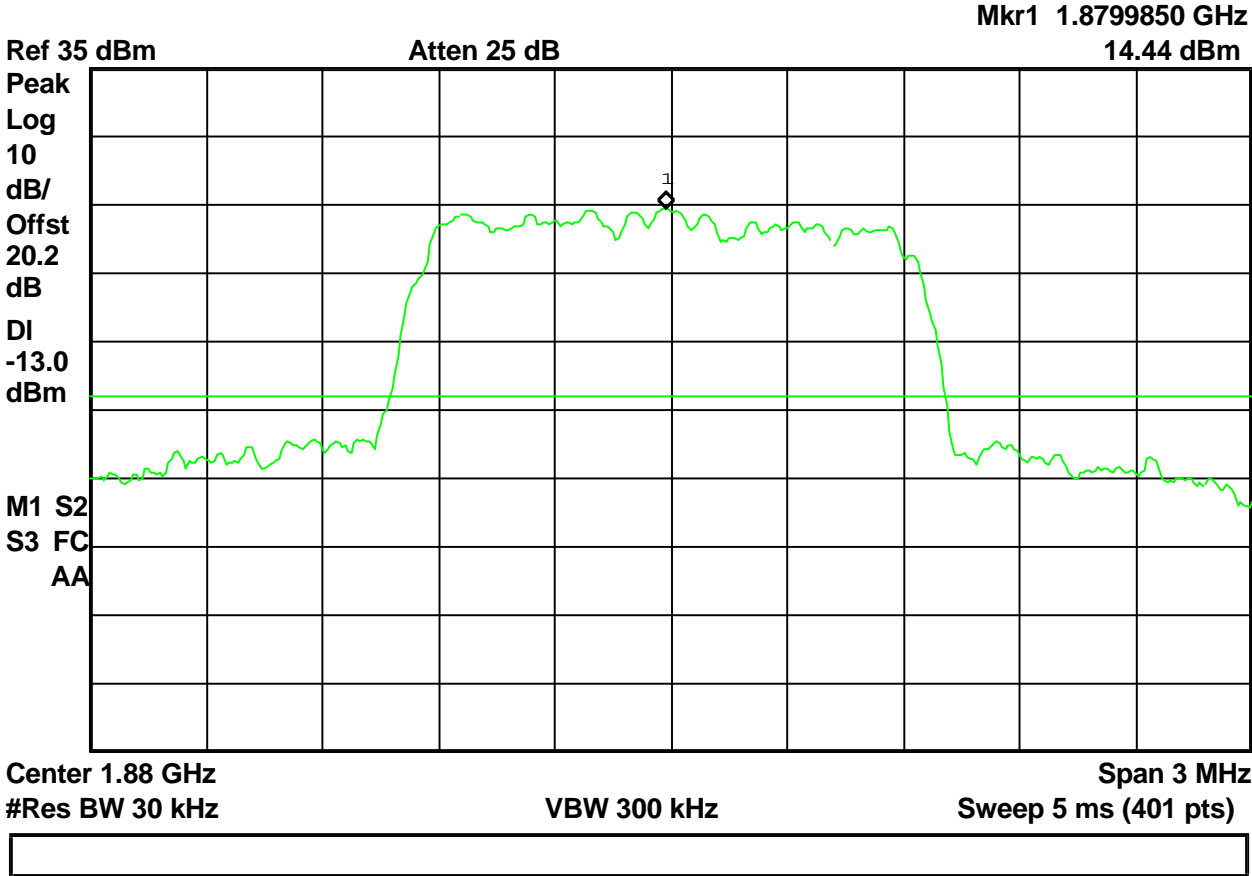

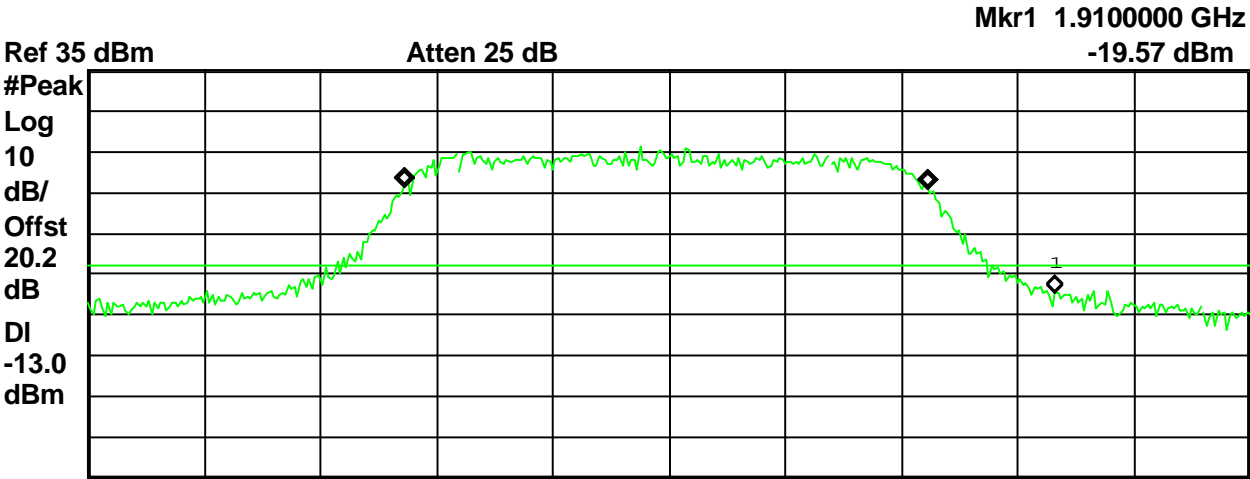


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Occupied Bandwidth</h3>	
	DNB Job Number: 78117 Customer: Janizary Holdings, Inc. Model Number: DBSW819 Description: RF amplifier Uplink CDMA 1909 MHz	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

Agilent 08:39:04 Jun 12, 2007



Center 1.909 GHz Span 3 MHz  
 #Res BW 100 kHz VBW 1 MHz Sweep 5 ms (401 pts)


**Occupied Bandwidth** Occ BW % Pwr 99.00 %  
 1.3562 MHz x dB -26.00 dB

Transmit Freq Error -7.779 kHz  
 x dB Bandwidth 1.608 MHz





FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007		<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Uplink CDMA 1909 MHz - Input				

Agilent 08:52:26 Jun 12, 2007

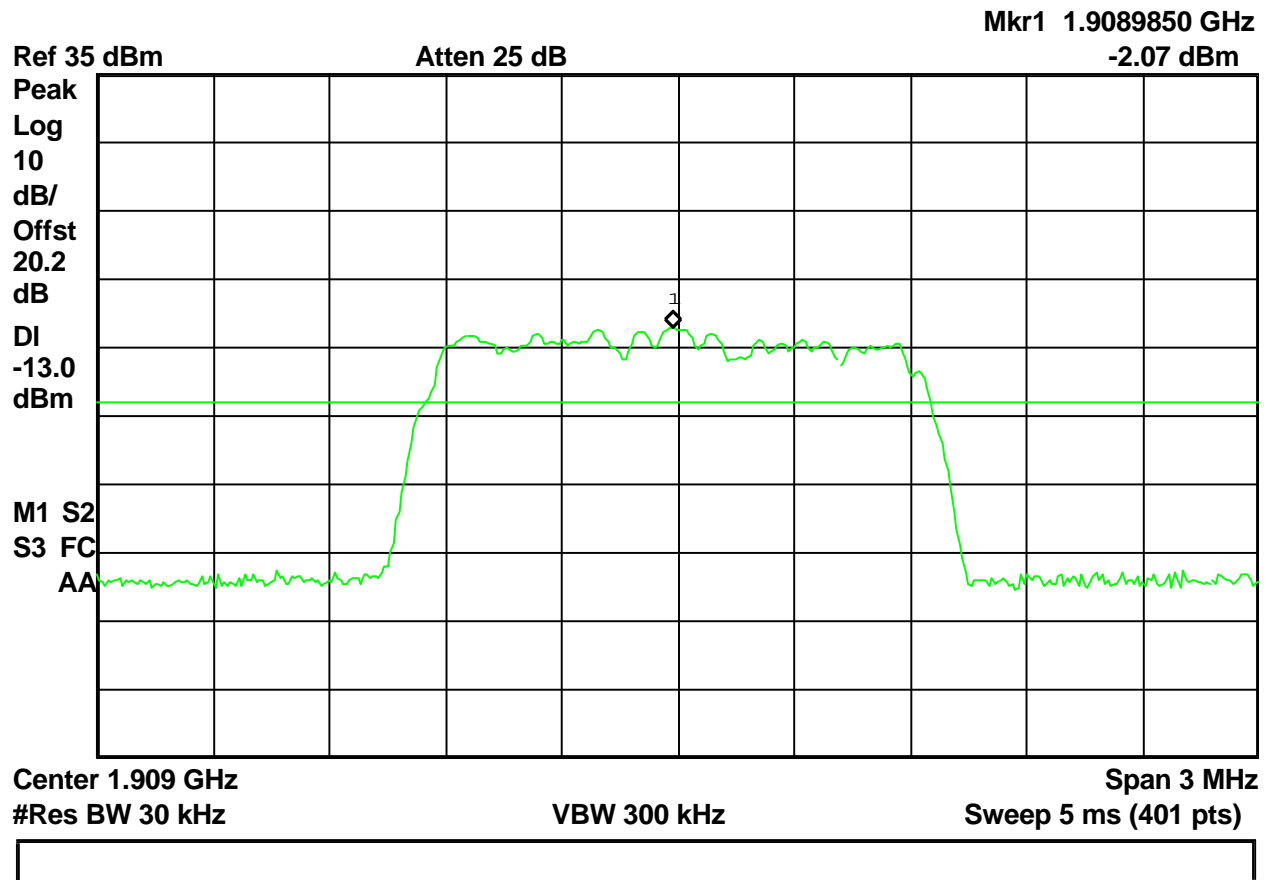



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier				
	Uplink CDMA 1909 MHz - Output			

Agilent 08:48:21 Jun 12, 2007

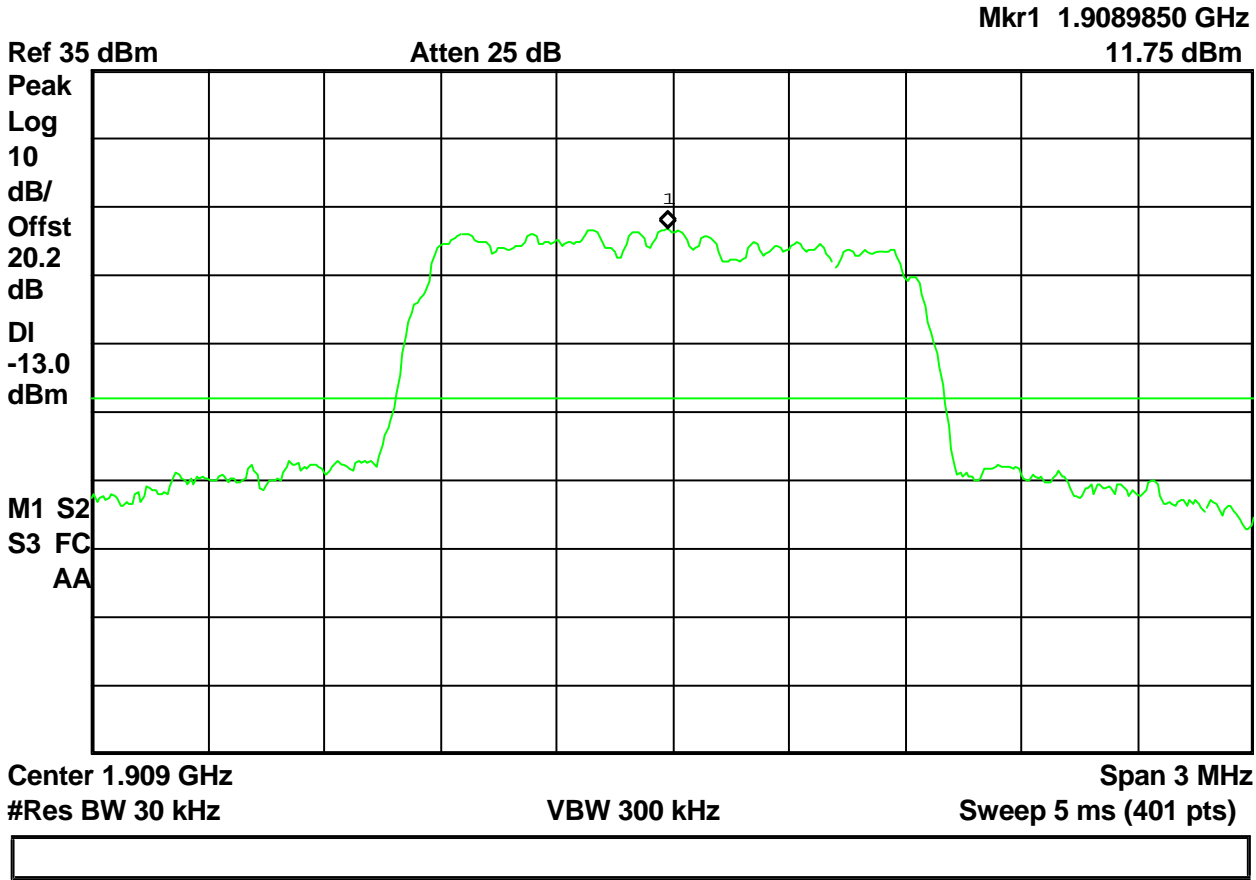

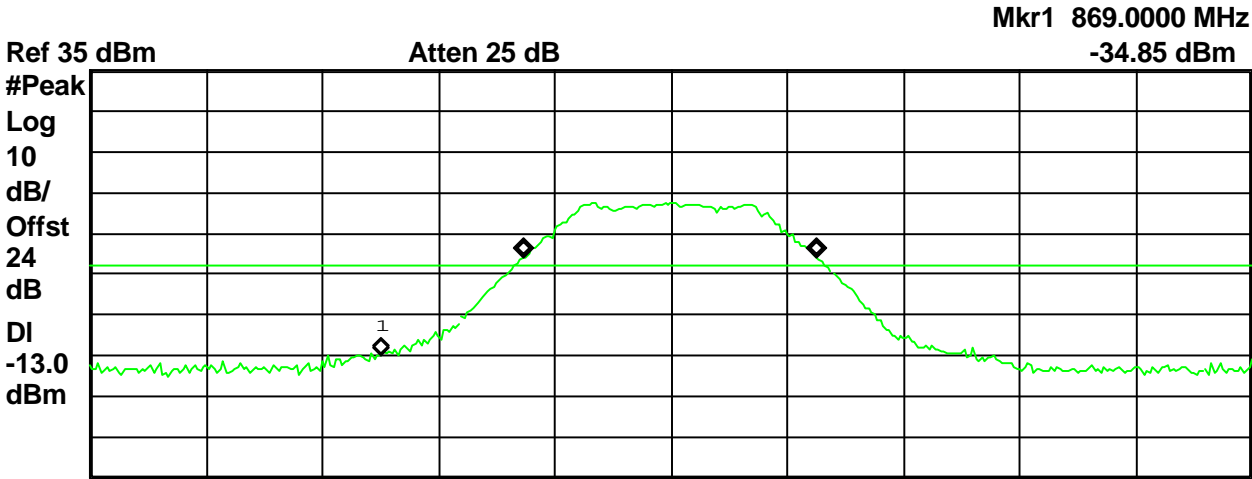


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Occupied Bandwidth</b>	
	DNB Job Number: 78117	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Downlink GSM 869.200 MHz				

Agilent 17:41:18 Jun 11, 2007




Center 869.2 MHz      Span 1 MHz  
 #Res BW 30 kHz      VBW 300 kHz      Sweep 5 ms (401 pts)

Occupied Bandwidth      Occ BW % Pwr      99.00 %  
 251.9923 kHz      x dB      -26.00 dB

Transmit Freq Error      -881.903 Hz  
 x dB Bandwidth      341.188 kHz



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 24 Jul 2007		<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier				
	Downlink GSM 869.2000 MHz - Input			

Agilent 17:55:06 Jul 24, 2007

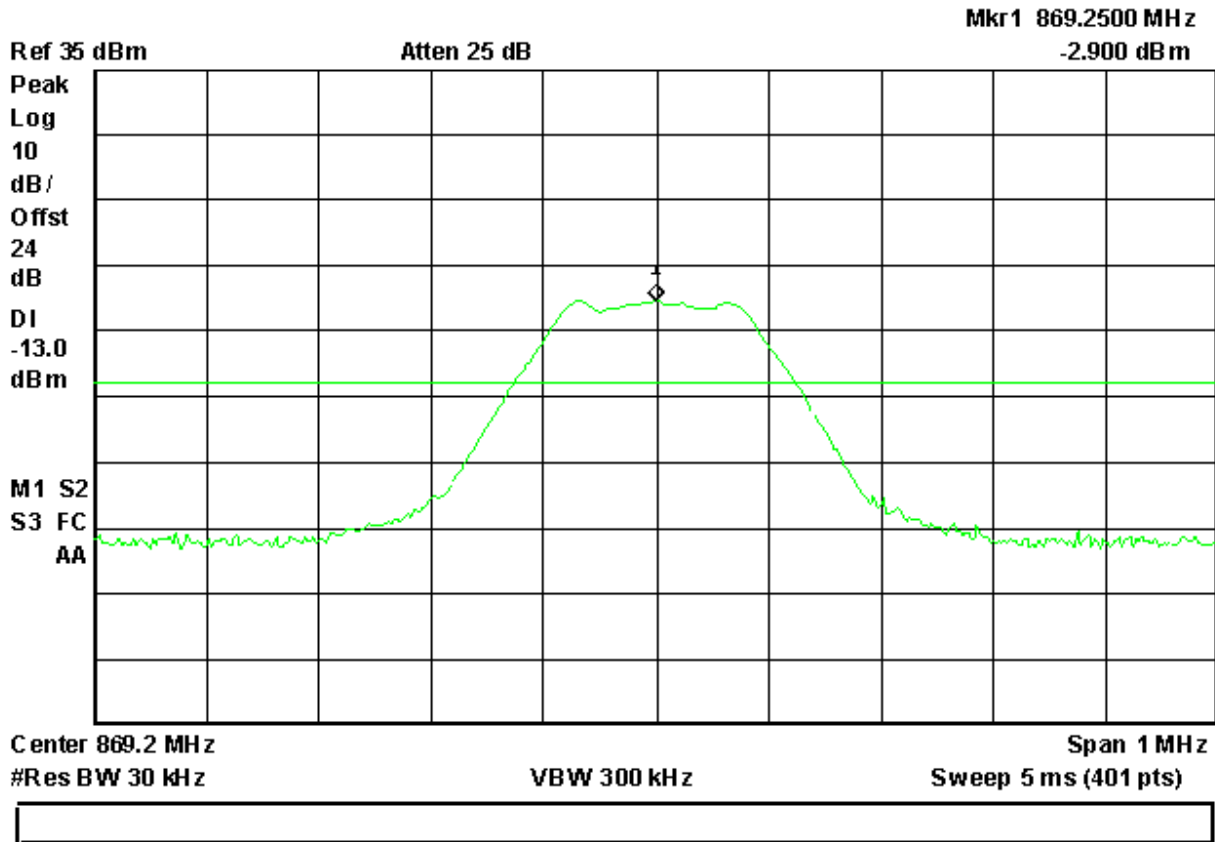



FIGURE 6: OCCUPIED BANDWIDTH

		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
DNB Job Number:		78117		Date: 24 Jul 2007	
Customer:		Janizary Holdings, Inc.			
Model Number:		DBSW819			
Description:		RF amplifier			
		Downlink GSM 869.200 MHz - Output			
<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24					

Agilent 17:52:28 Jul 24, 2007

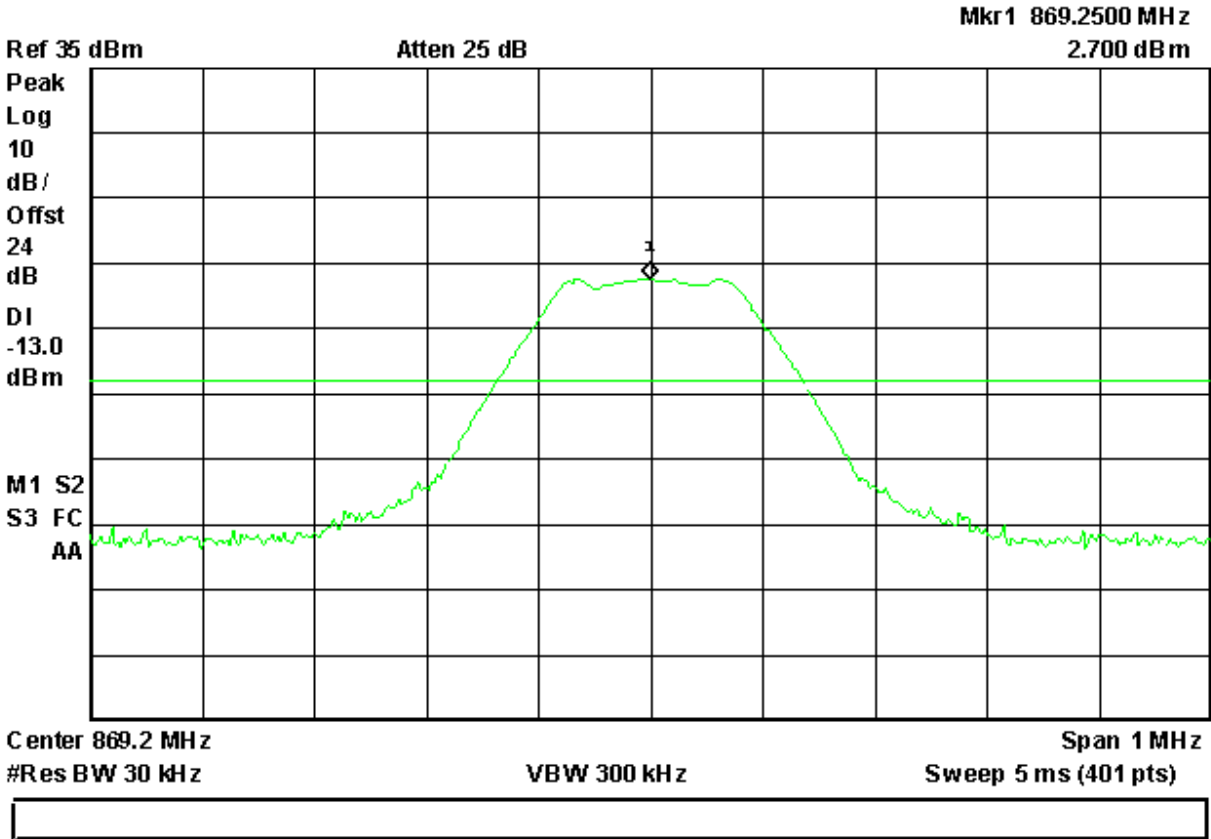

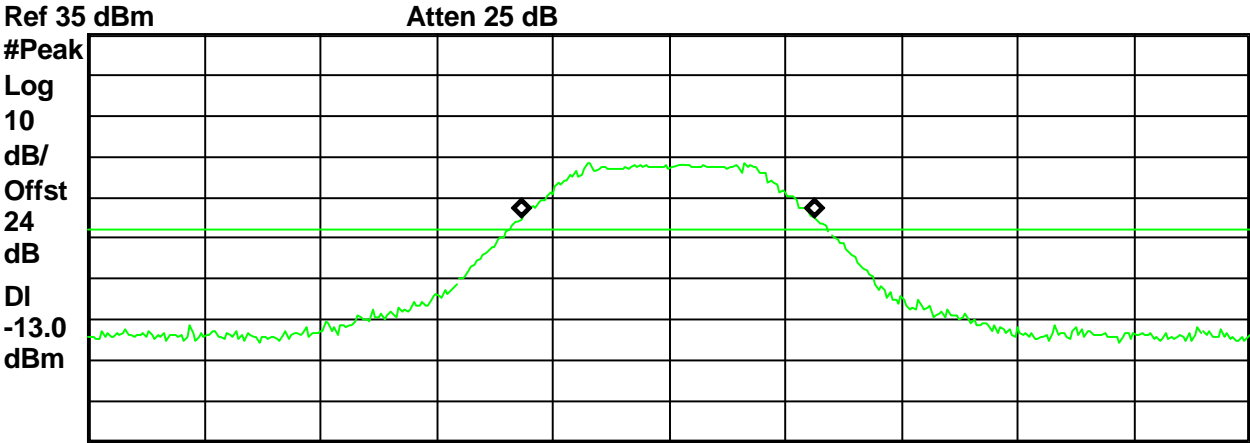


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Occupied Bandwidth</b>	
	DNB Job Number: 78117	Date: 11 Jun 2007		<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Downlink GSM 881.500 MHz				

Agilent 17:42:03 Jun 11, 2007




Center 881.5 MHz Span 1 MHz  
 #Res BW 30 kHz VBW 300 kHz Sweep 5 ms (401 pts)

**Occupied Bandwidth** Occ BW % Pwr 99.00 %  
 251.9205 kHz x dB -26.00 dB

Transmit Freq Error -606.664 Hz  
 x dB Bandwidth 339.403 kHz



FIGURE 6: OCCUPIED BANDWIDTH

		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
DNB Job Number:		78117		Date: 24 Jul 2007	
Customer:		Janizary Holdings, Inc.			
Model Number:		DBSW819			
Description:		RF amplifier			
		Downlink GSM 881.500 MHz - Input			
				<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

\* Agilent 17:55:59 Jul 24, 2007

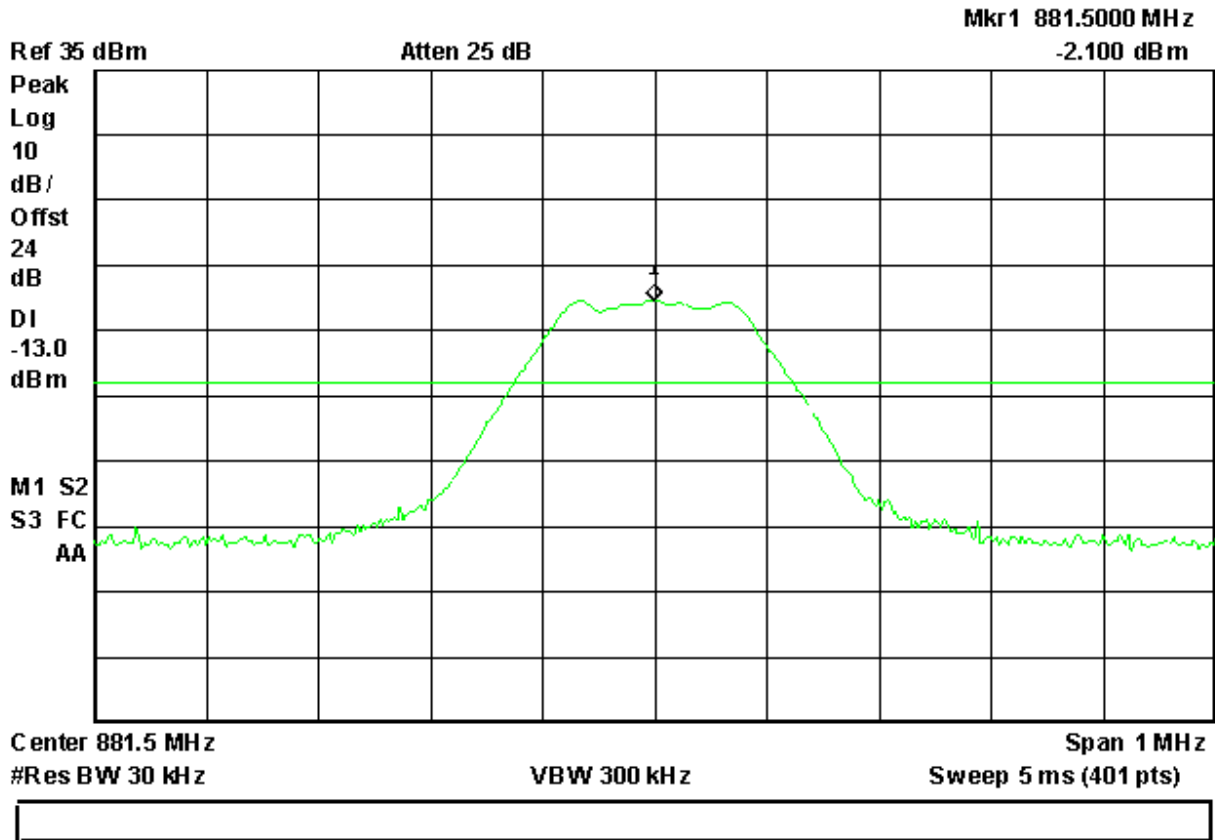



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Modulation Characteristics</b>	
DNB Job Number:	78117	Date:	24 Jul 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Downlink GSM 881.500 MHz - Output		
<b>Conformance Standards</b>			
[X] IC RSS-131			
[X] FCC Part 22			
[X] FCC Part 24			

\* Agilent 17:52:57 Jul 24, 2007

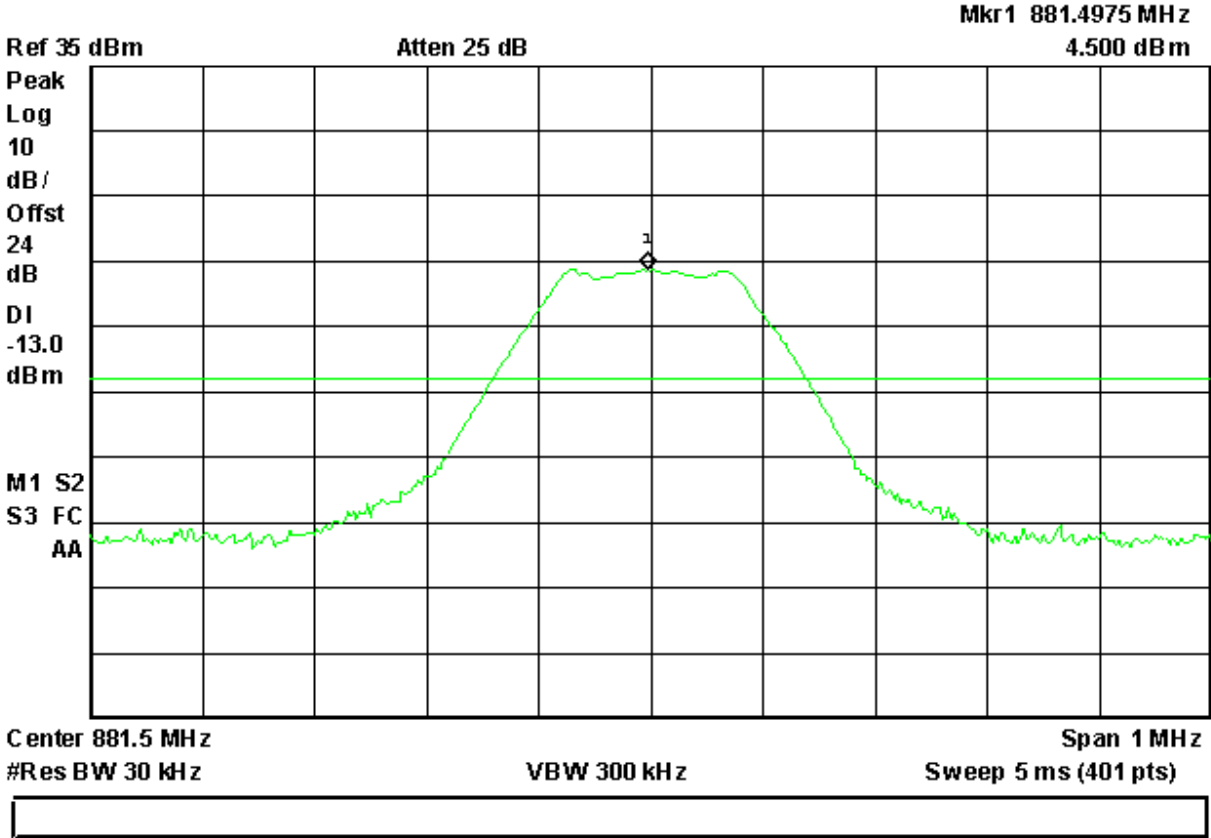

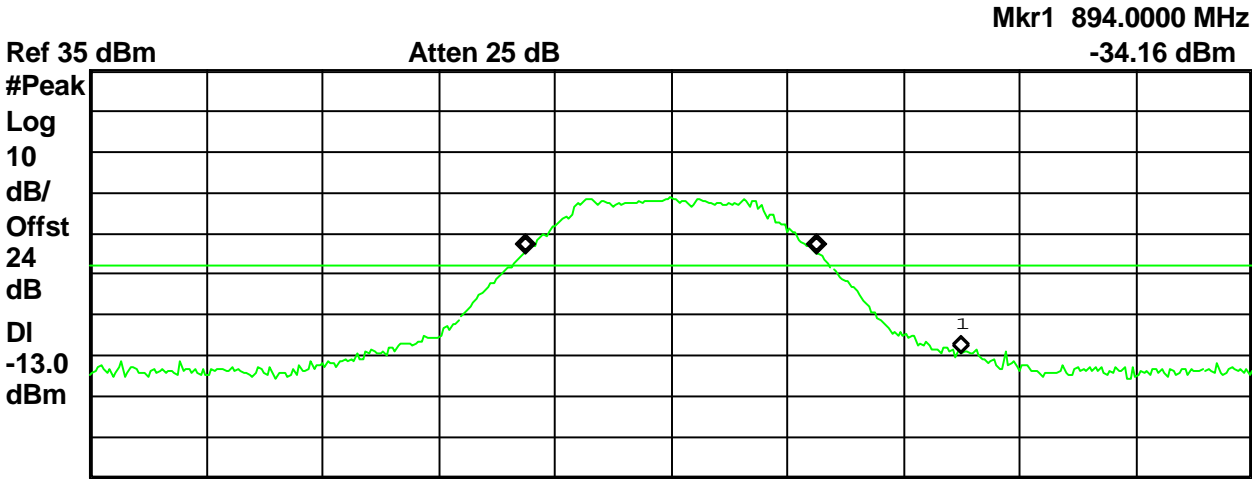




FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Occupied Bandwidth</h3>	
	DNB Job Number: 78117 Customer: Janizary Holdings, Inc. Model Number: DBSW819 Description: RF amplifier Downlink GSM 893.800 MHz	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

Agilent 17:43:18 Jun 11, 2007




Center 893.8 MHz      Span 1 MHz  
 #Res BW 30 kHz      VBW 300 kHz      Sweep 5 ms (401 pts)

Occupied Bandwidth      Occ BW % Pwr      99.00 %  
 251.4965 kHz      x dB      -26.00 dB

Transmit Freq Error      -449.251 Hz  
 x dB Bandwidth      339.135 kHz



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Modulation Characteristics</b>	
DNB Job Number:	78117	Date:	24 Jul 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Downlink GSM 893.800 MHz - Input		
			<b>Conformance Standards</b>
			[X] IC RSS-131
			[X] FCC Part 22
			[X] FCC Part 24

\* Agilent 17:56:30 Jul 24, 2007

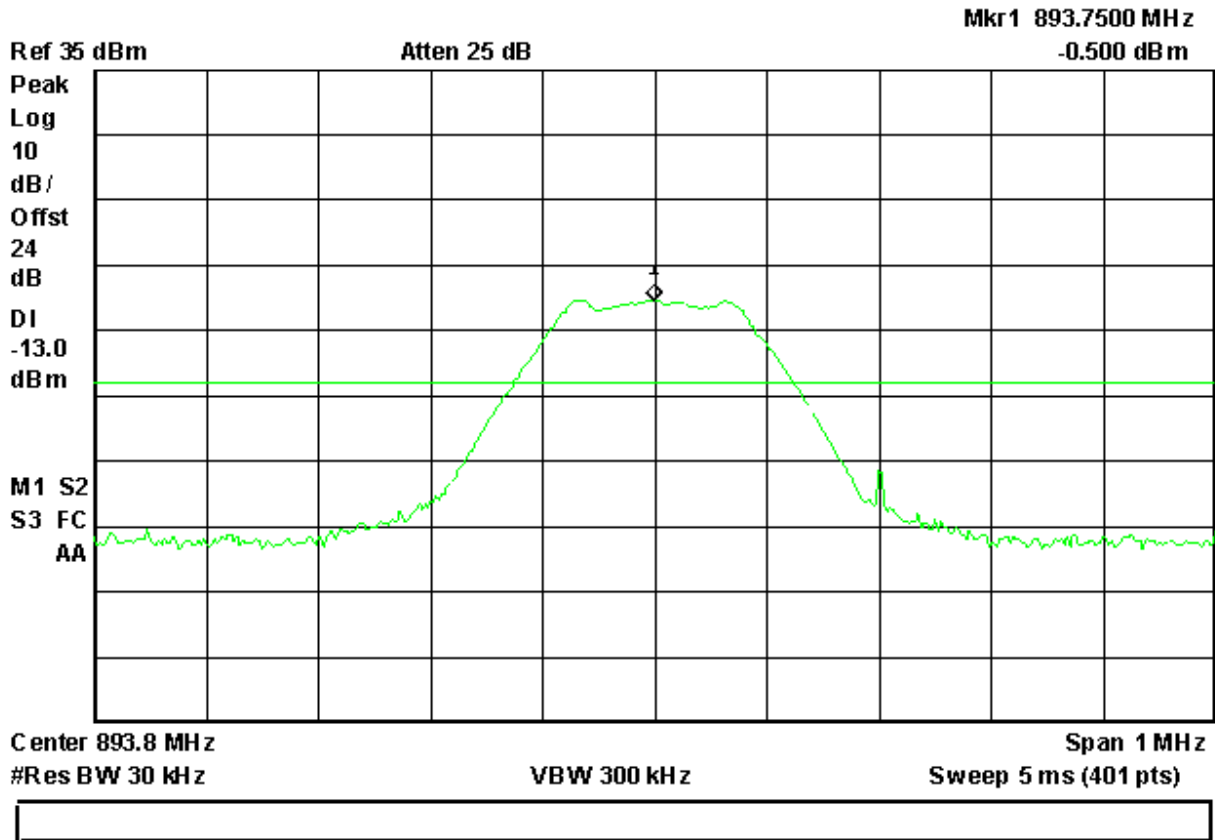



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Modulation Characteristics</b>		
		DNB Job Number: 78117	Date: 24 Jul 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier				
	Downlink GSM 893.800 MHz - Output			

Agilent 17:53:24 Jul 24, 2007

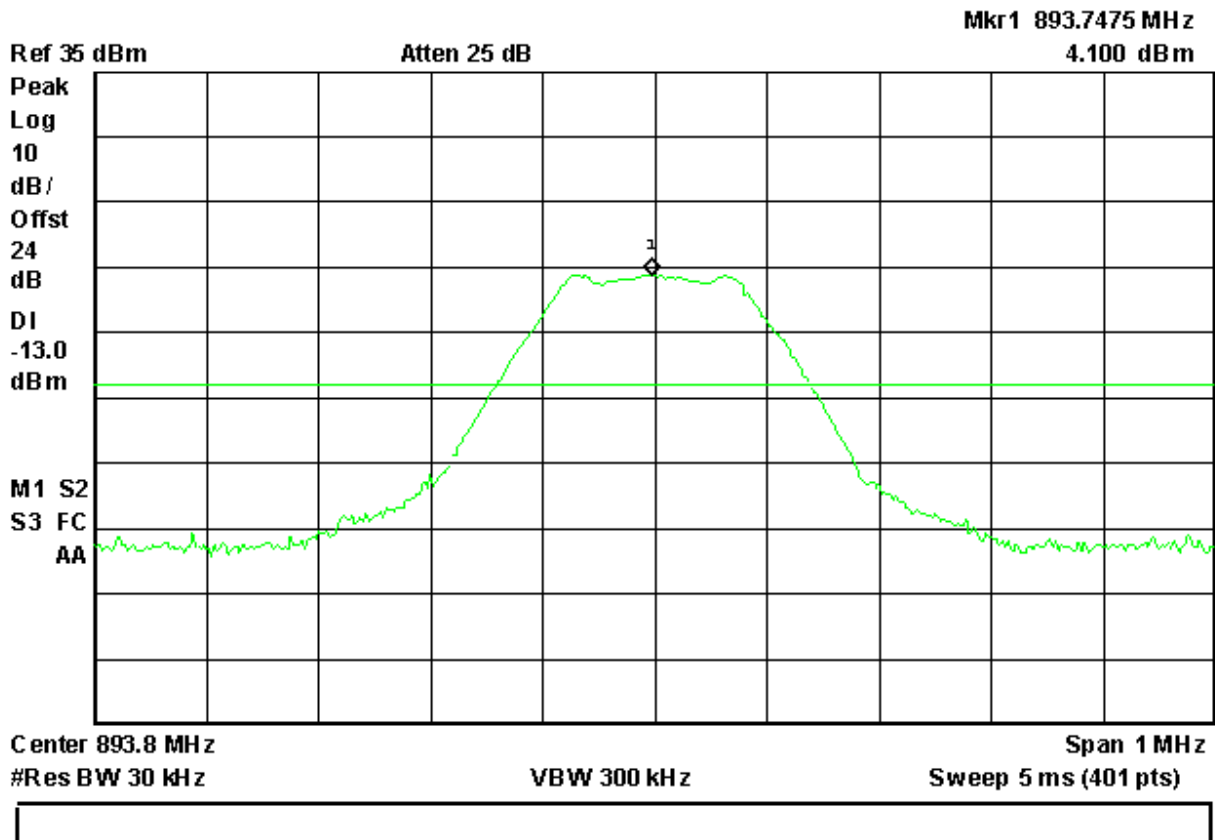

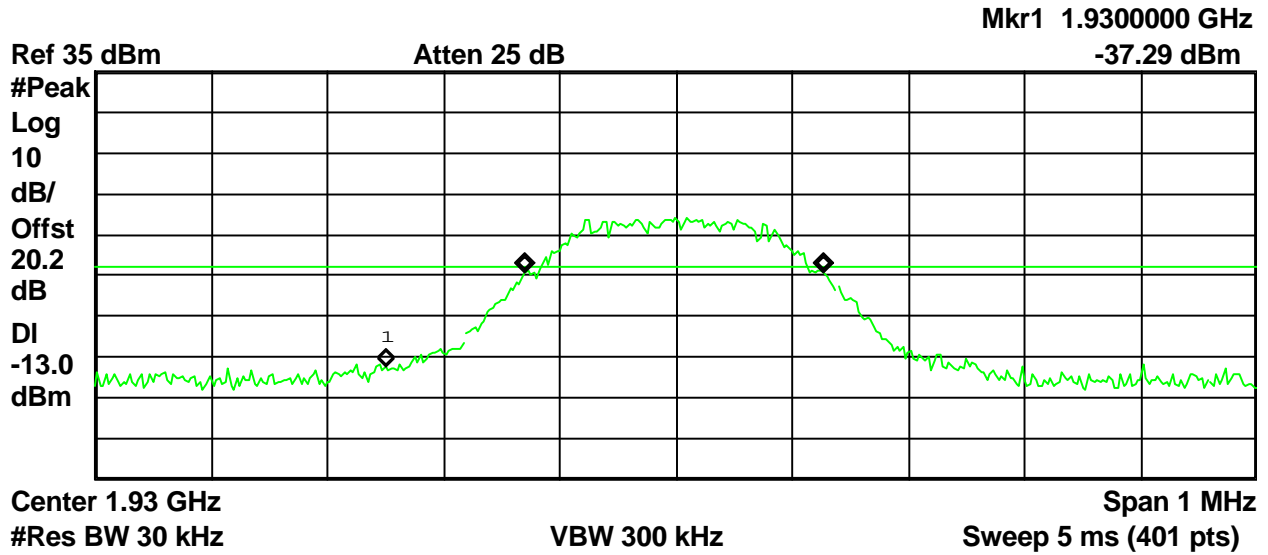


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Occupied Bandwidth</h3>	
	DNB Job Number: 78117 Customer: Janizary Holdings, Inc. Model Number: DBSW819 Description: RF amplifier Downlink GSM 1930.200 MHz	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

Agilent 19:23:06 Jun 11, 2007




**Occupied Bandwidth**  
 256.4892 kHz

Occ BW % Pwr      99.00 %  
 x dB                -26.00 dB

Transmit Freq Error      -823.769 Hz  
 x dB Bandwidth            336.344 kHz



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 24 Jul 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Downlink GSM 1930.200 MHz - Input				

Agilent 19:33:11 Jul 24, 2007

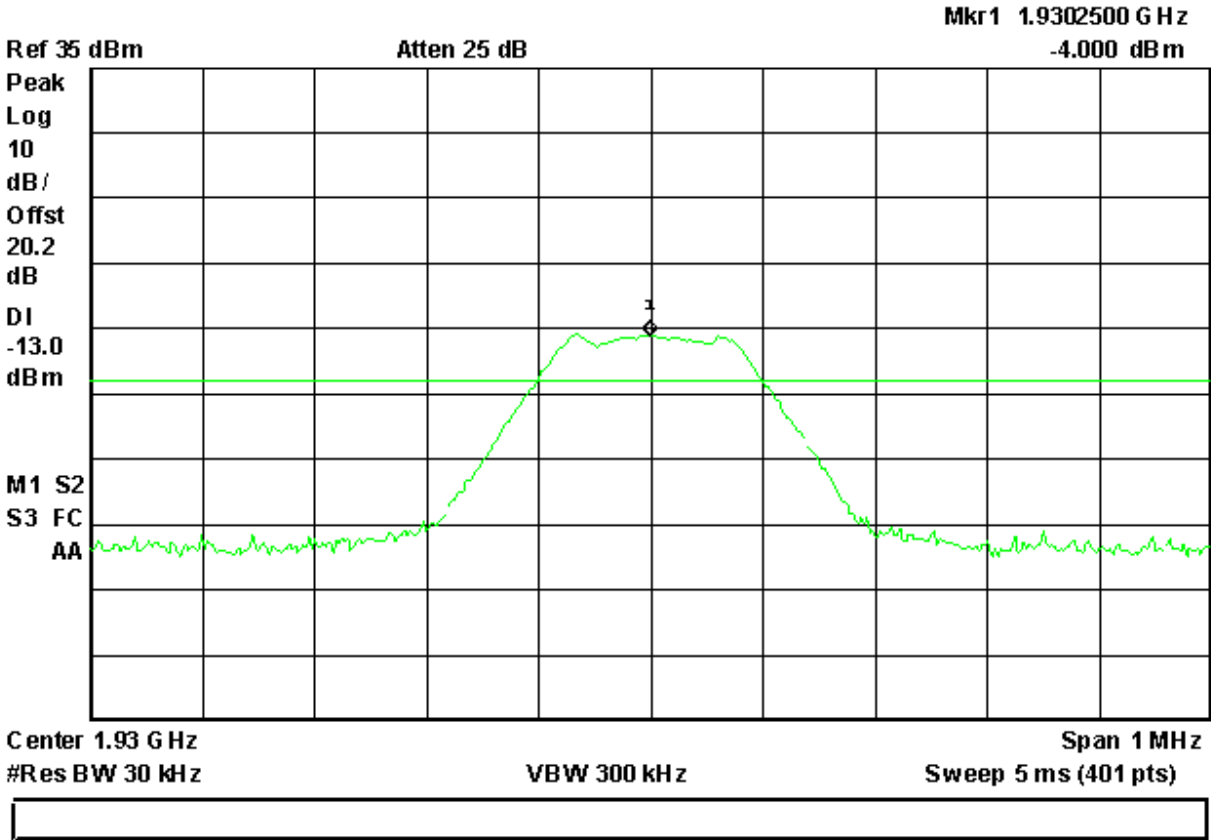



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number:	78117	Date:	24 Jul 2007
Customer:	Janizary Holdings, Inc.			<b>Conformance Standards</b> <input checked="" type="checkbox"/> IC RSS-131 <input checked="" type="checkbox"/> FCC Part 22 <input checked="" type="checkbox"/> FCC Part 24
Model Number:	DBSW819			
Description:	RF amplifier			
	Downlink GSM 1930.200 MHz - Output			

Agilent 19:31:03 Jul 24, 2007

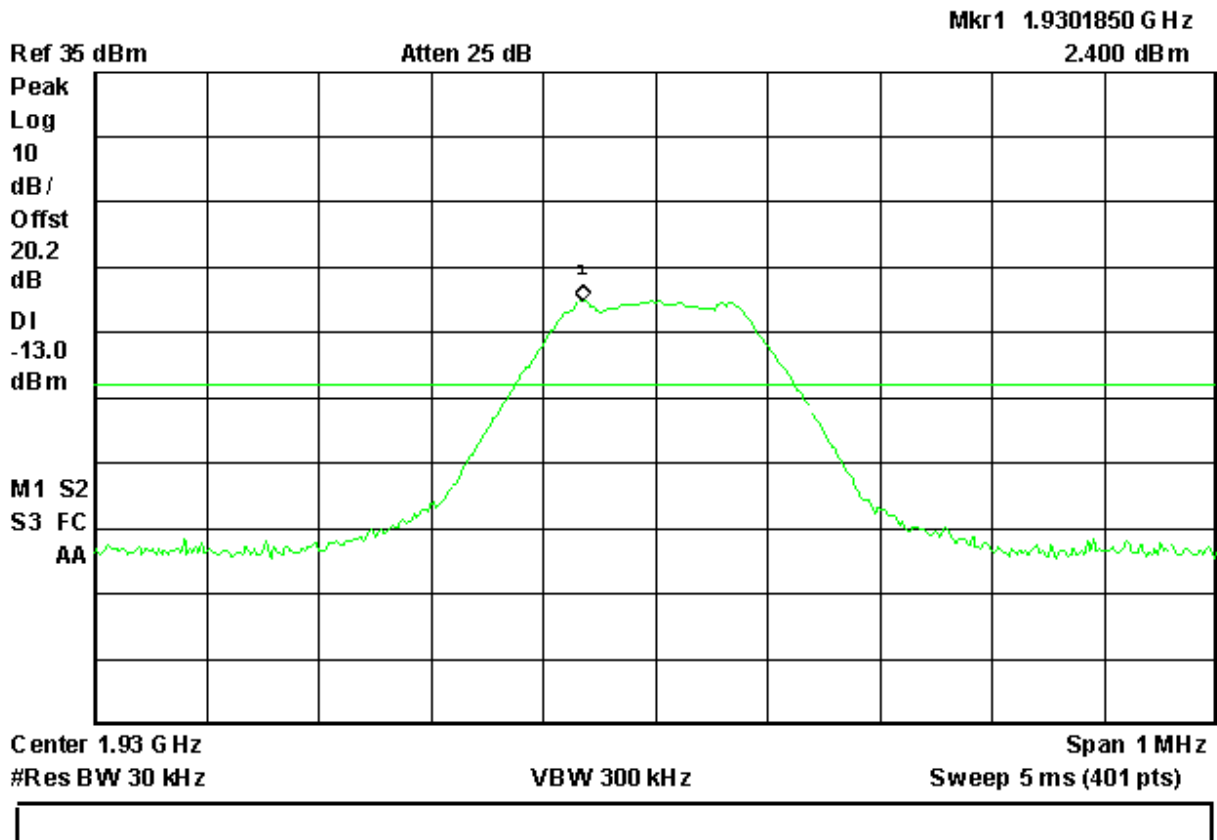

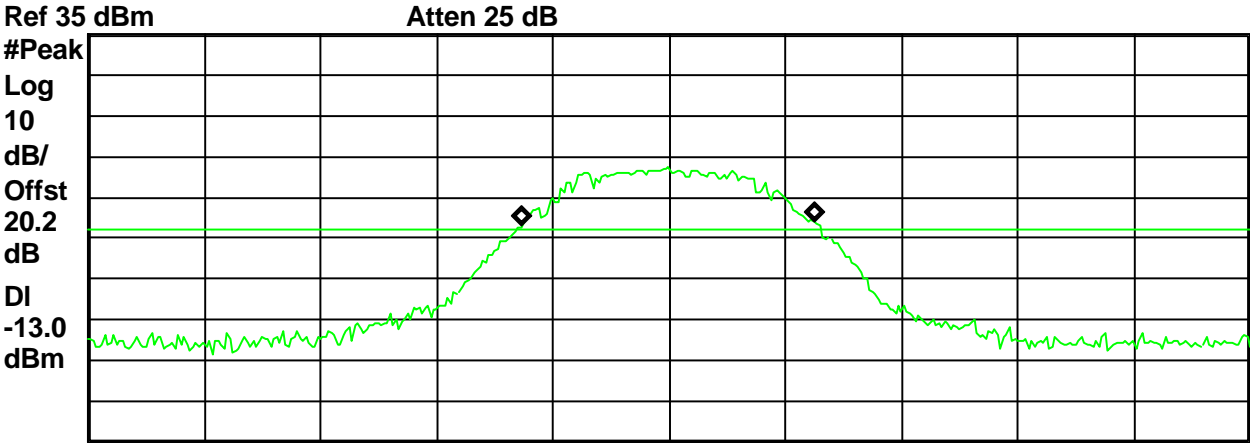


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Occupied Bandwidth</h3>	
	DNB Job Number: 78117 Customer: Janizary Holdings, Inc. Model Number: DBSW819 Description: RF amplifier Downlink GSM 1960 MHz	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

Agilent 19:23:40 Jun 11, 2007




Center 1.96 GHz Span 1 MHz  
 #Res BW 30 kHz VBW 300 kHz Sweep 5 ms (401 pts)

**Occupied Bandwidth** Occ BW % Pwr 99.00 %  
252.7345 kHz x dB -26.00 dB

Transmit Freq Error -484.501 Hz  
 x dB Bandwidth 333.664 kHz



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Modulation Characteristics</b>	
DNB Job Number:	78117	Date: 24 Jul 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier  Downlink GSM 1960 MHz - Input		

Agilent 19:33:39 Jul 24, 2007

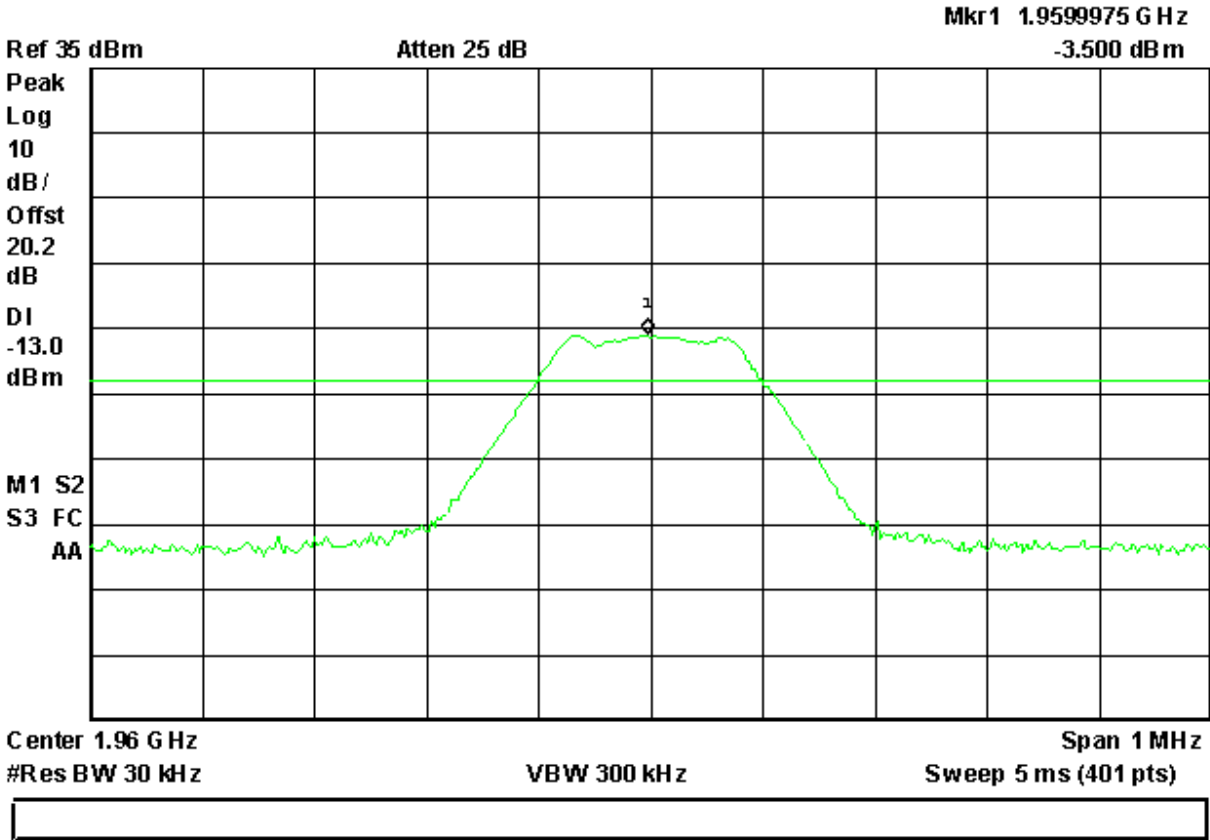





FIGURE 6: OCCUPIED BANDWIDTH

		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
DNB Job Number: 78117		Date: 24 Jul 2007		<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.					
Model Number: DBSW819					
Description: RF amplifier					
		Downlink GSM 1960 MHz - Output			

\* Agilent 19:31:30 Jul 24, 2007

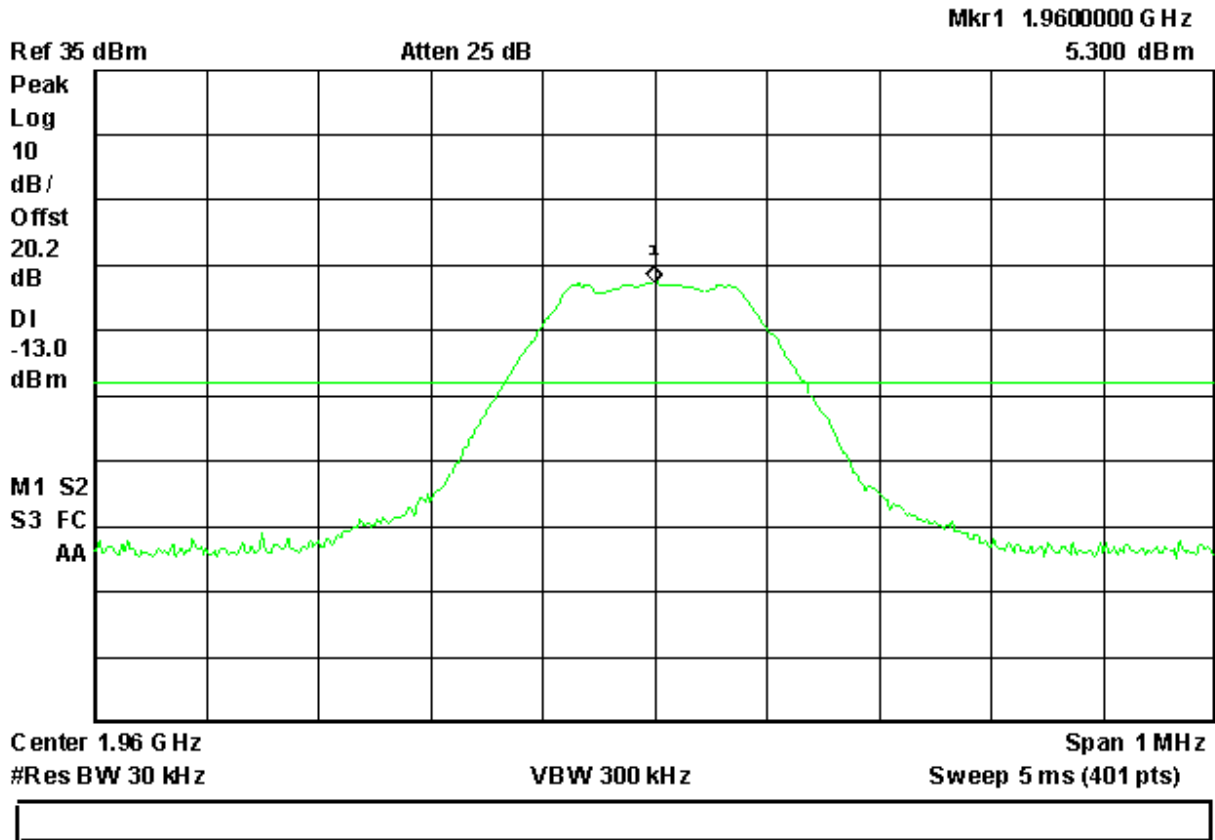

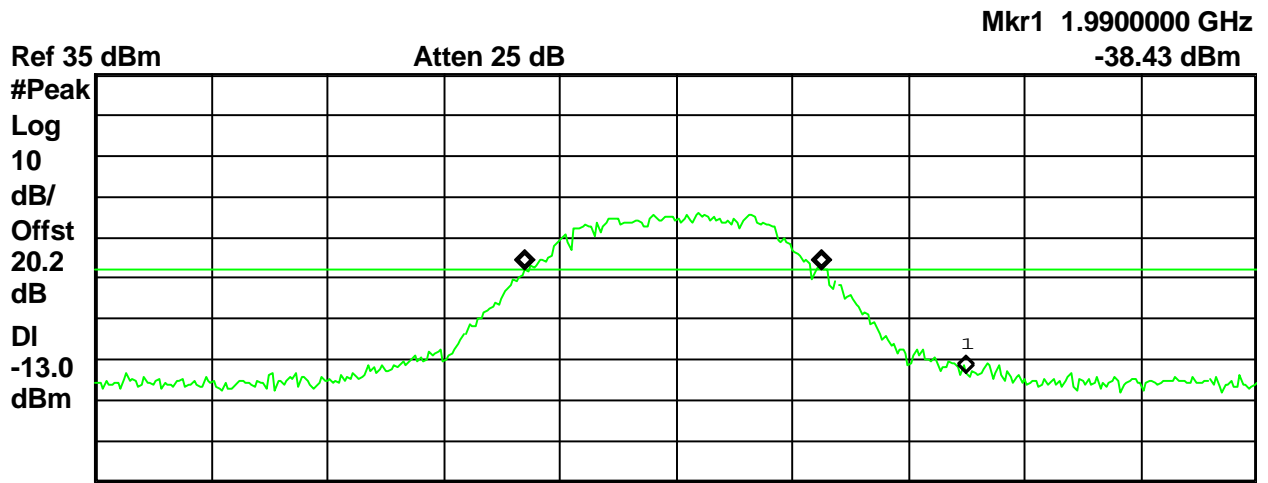


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Occupied Bandwidth</h3>	
	DNB Job Number: 78117 Customer: Janizary Holdings, Inc. Model Number: DBSW819 Description: RF amplifier Downlink GSM 1989.800 MHz	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

Agilent 19:24:27 Jun 11, 2007



Center 1.99 GHz      Span 1 MHz  
 #Res BW 30 kHz      VBW 300 kHz      Sweep 5 ms (401 pts)


**Occupied Bandwidth**  
 254.9115 kHz

Occ BW % Pwr      99.00 %  
 x dB      -26.00 dB

Transmit Freq Error      -1.353 kHz  
 x dB Bandwidth      337.009 kHz



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 24 Jul 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Downlink GSM 1989.800 MHz - Input				

Agilent 19:34:08 Jul 24, 2007

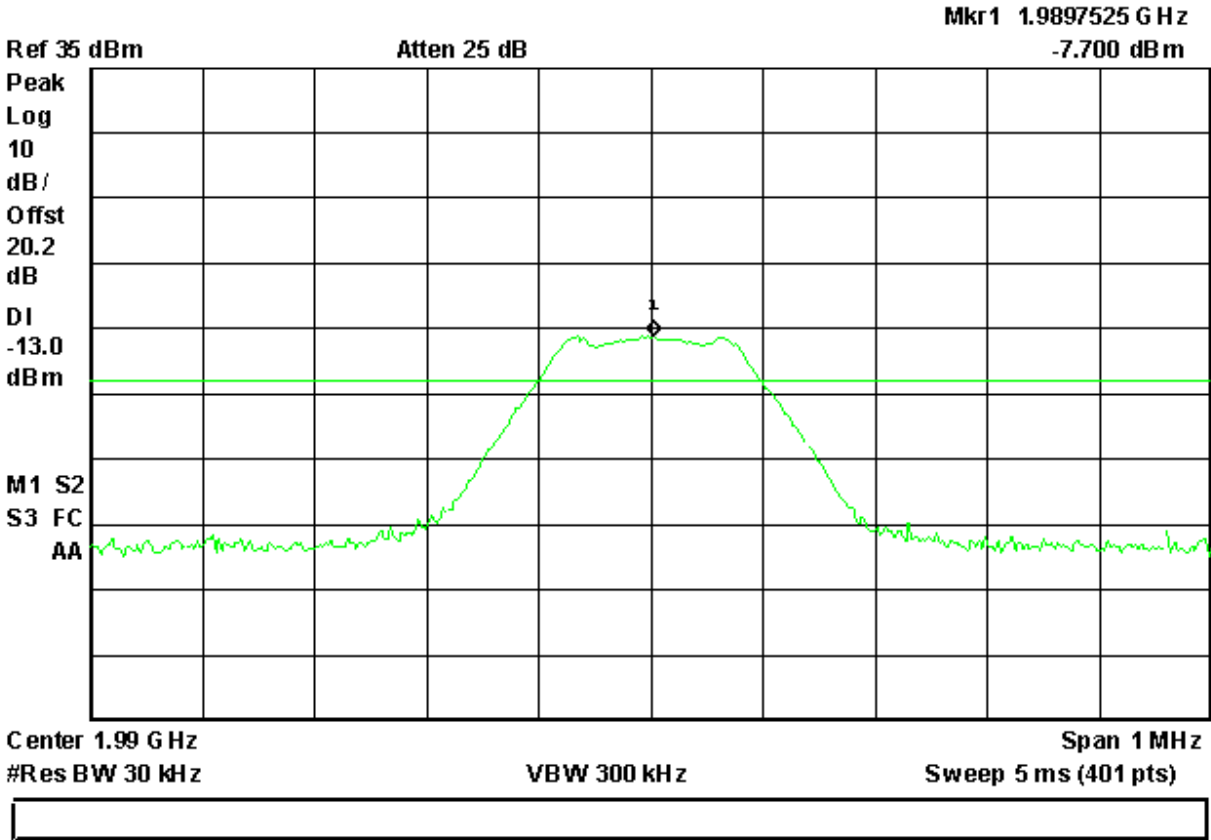



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>		
	DNB Job Number: 78117	Date: 24 Jul 2007		<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.					
Model Number: DBSW819					
Description: RF amplifier					
		Downlink GSM 1989.800 MHz - Output			

\* Agilent 19:32:08 Jul 24, 2007

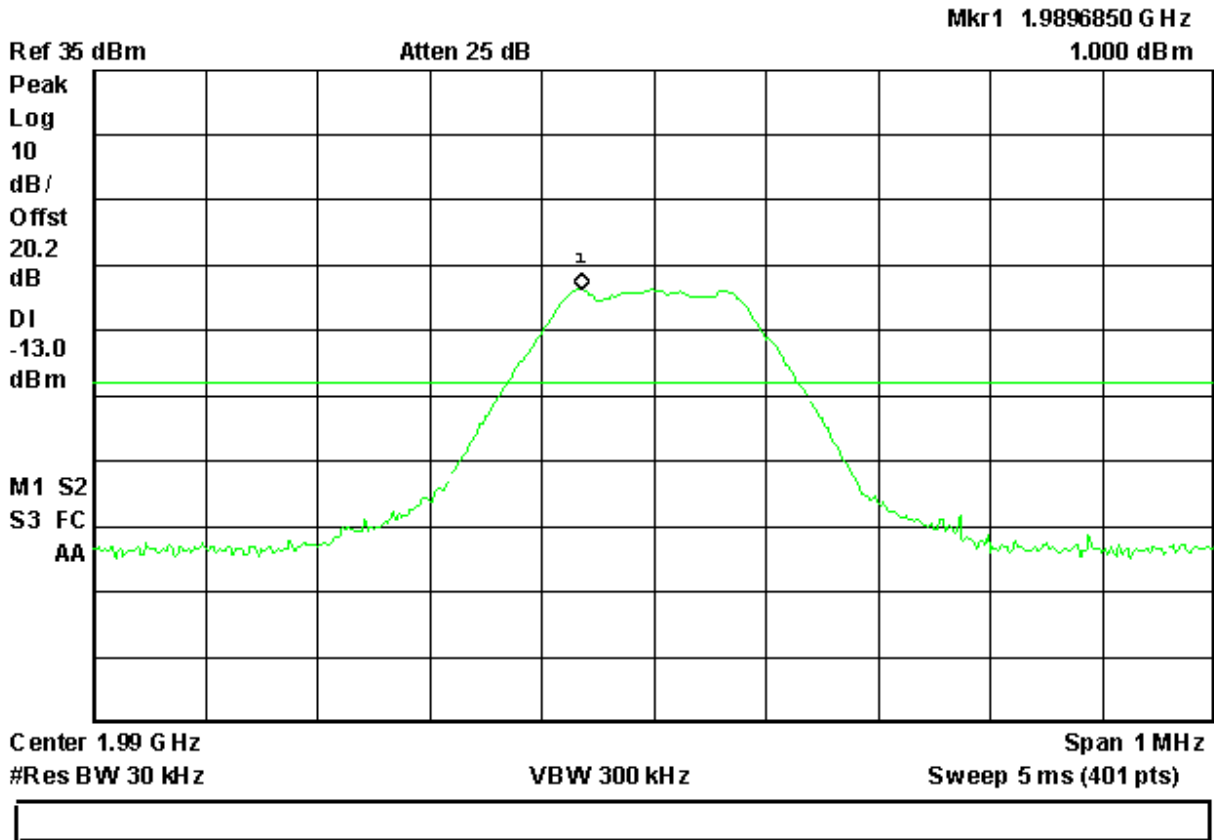

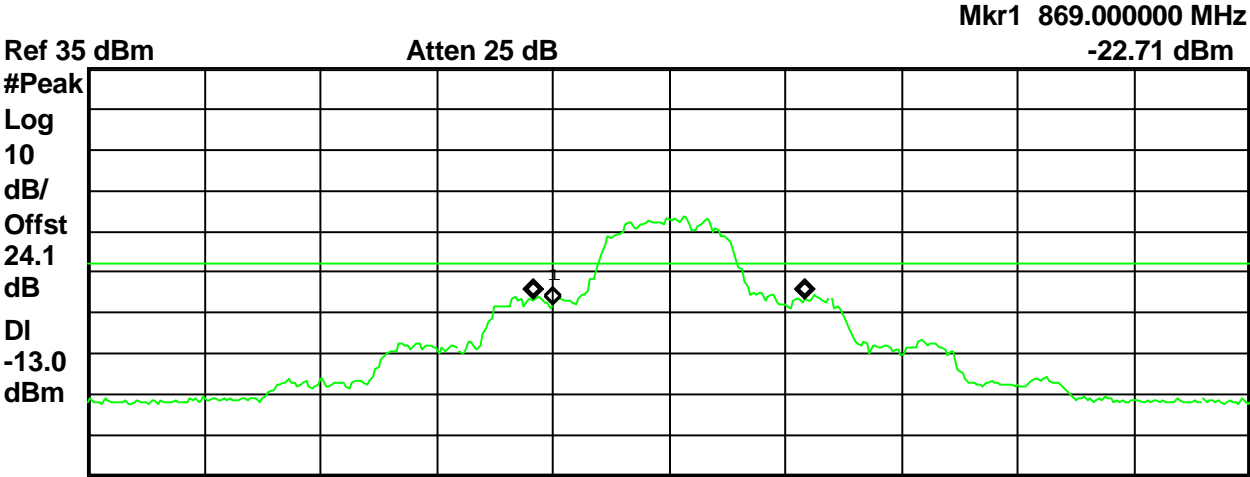


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Occupied Bandwidth</h3>	
	DNB Job Number: 78117 Customer: Janizary Holdings, Inc. Model Number: DBSW819 Description: RF amplifier Downlink TDMA 869.025 MHz	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

Agilent 06:05:23 Jun 12, 2007




Center 869 MHz      Span 250 kHz  
 #Res BW 1 kHz      VBW 10 kHz      Sweep 250.8 ms (401 pts)

**Occupied Bandwidth**      Occ BW % Pwr      99.00 %  
 59.1793 kHz      x dB      -26.00 dB

Transmit Freq Error      55.340 Hz  
 x dB Bandwidth      77.120 kHz



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinston Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3 style="text-align: center;">Modulation Characteristics</h3>	
	DNB Job Number: 78117	Date: 25 Jul 2007		<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier				
	Downlink TDMA 869.025 MHz - Input			

Agilent 06:19:58 Jul 25, 2007

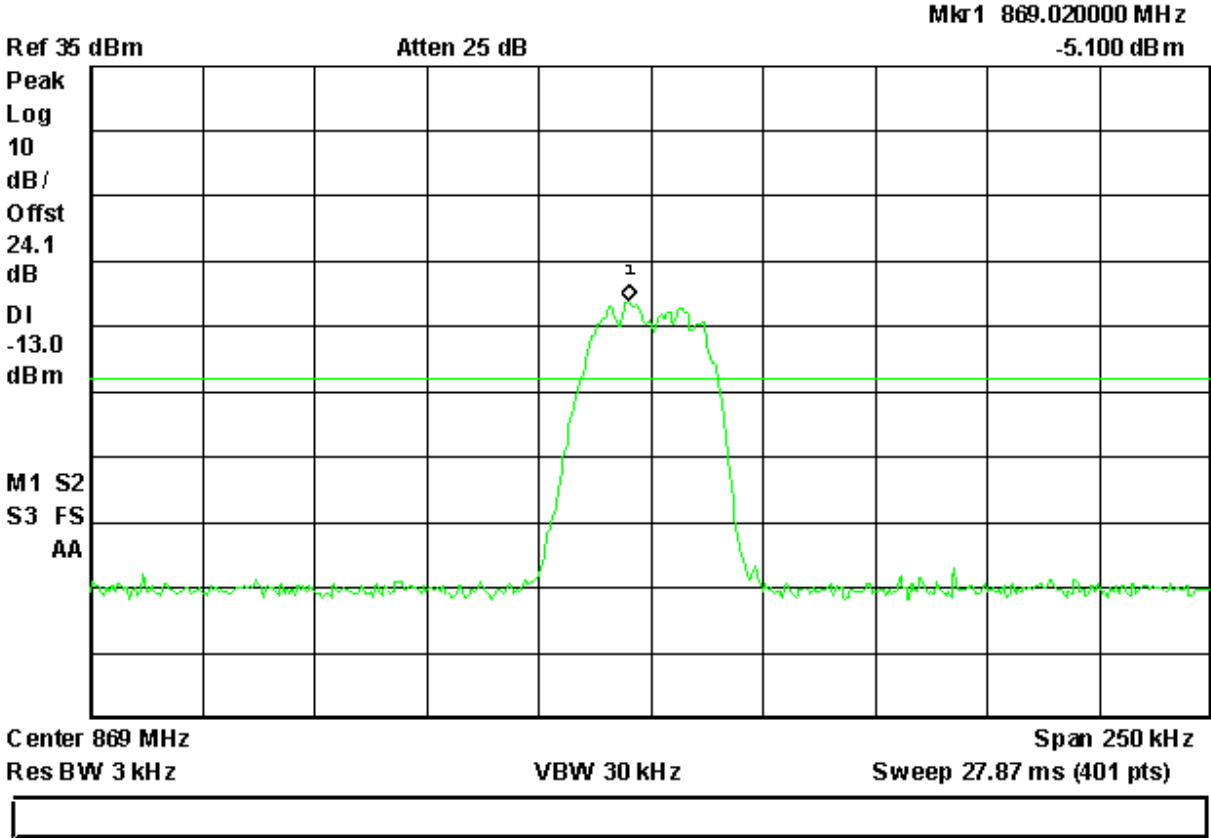



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 25 Jul 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.	Model Number: DBSW819			
Description: RF amplifier	Downlink TDMA 869.025 MHz - Output			

Agilent 06:17:12 Jul 25, 2007

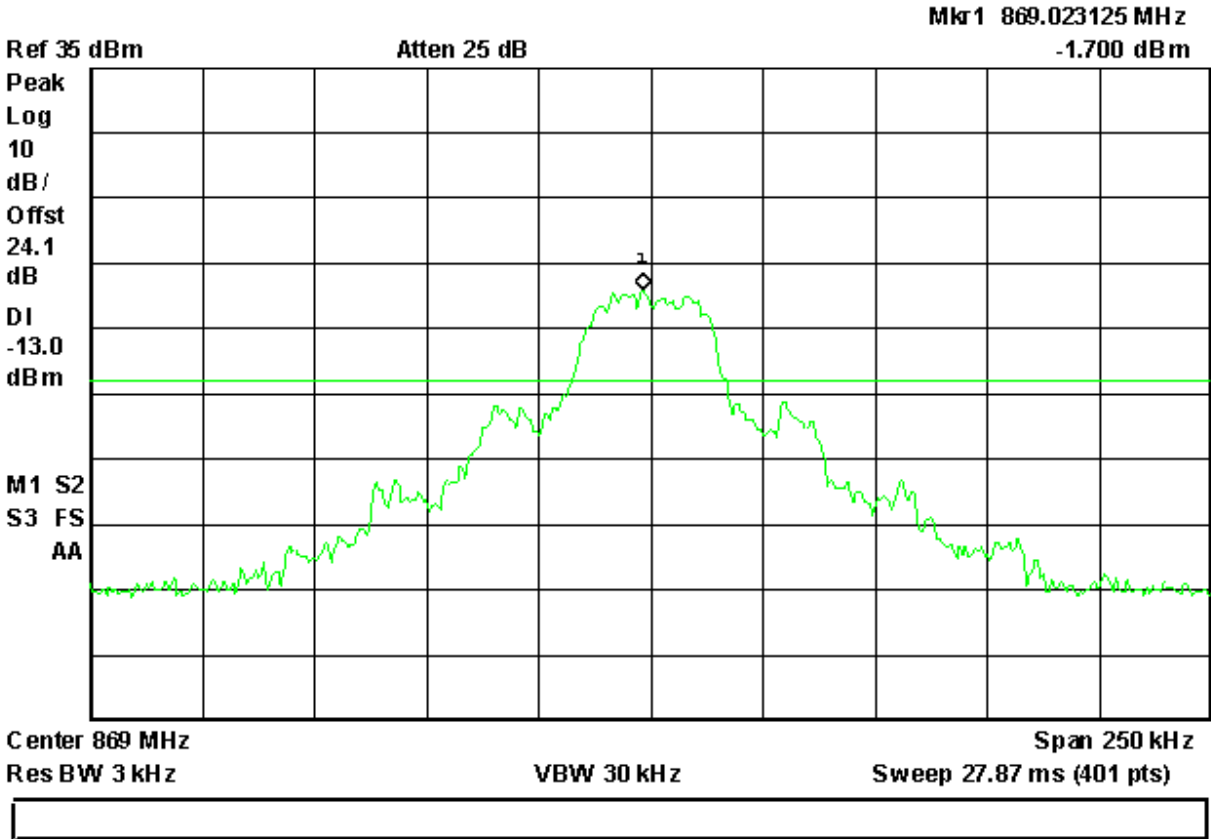

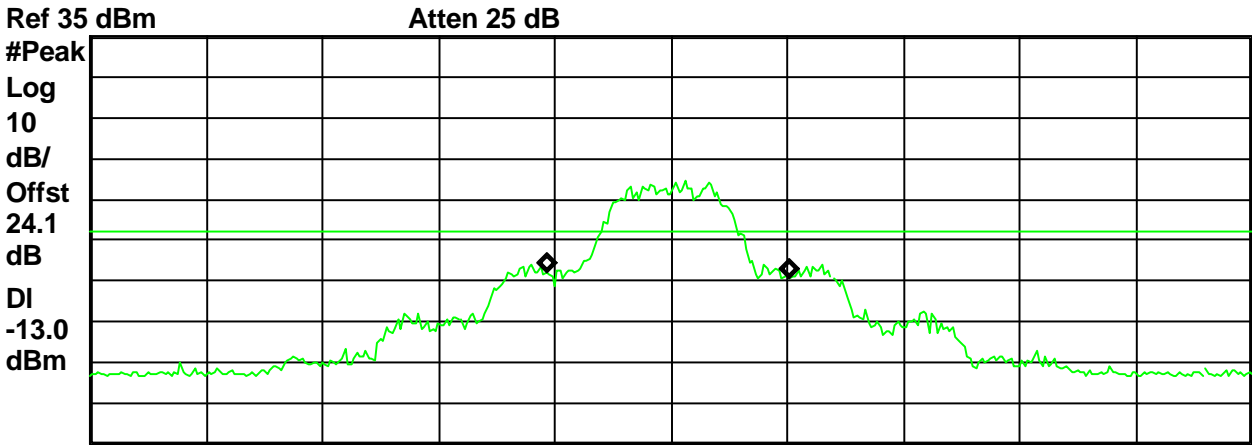


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Occupied Bandwidth</h3>	
	DNB Job Number: 78117 Customer: Janizary Holdings, Inc. Model Number: DBSW819 Description: RF amplifier Downlink TDMA 881.5 MHz	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

Agilent 06:06:14 Jun 12, 2007



Center 881.5 MHz Span 250 kHz  
 #Res BW 1 kHz VBW 10 kHz Sweep 250.8 ms (401 pts)

**Occupied Bandwidth**  
**52.6579 kHz**


Occ BW % Pwr 99.00 %  
 x dB -26.00 dB

Transmit Freq Error -421.664 Hz  
 x dB Bandwidth 74.496 kHz





FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>		
	DNB Job Number:	78117	Date:	25 Jul 2007	
	Customer:	Janizary Holdings, Inc.			<b>Conformance Standards</b> <input checked="" type="checkbox"/> IC RSS-131 <input checked="" type="checkbox"/> FCC Part 22 <input checked="" type="checkbox"/> FCC Part 24
	Model Number:	DBSW819			
	Description:	RF amplifier			
	Downlink TDMA 881.5 MHz - Input				

Agilent 06:20:25 Jul 25, 2007

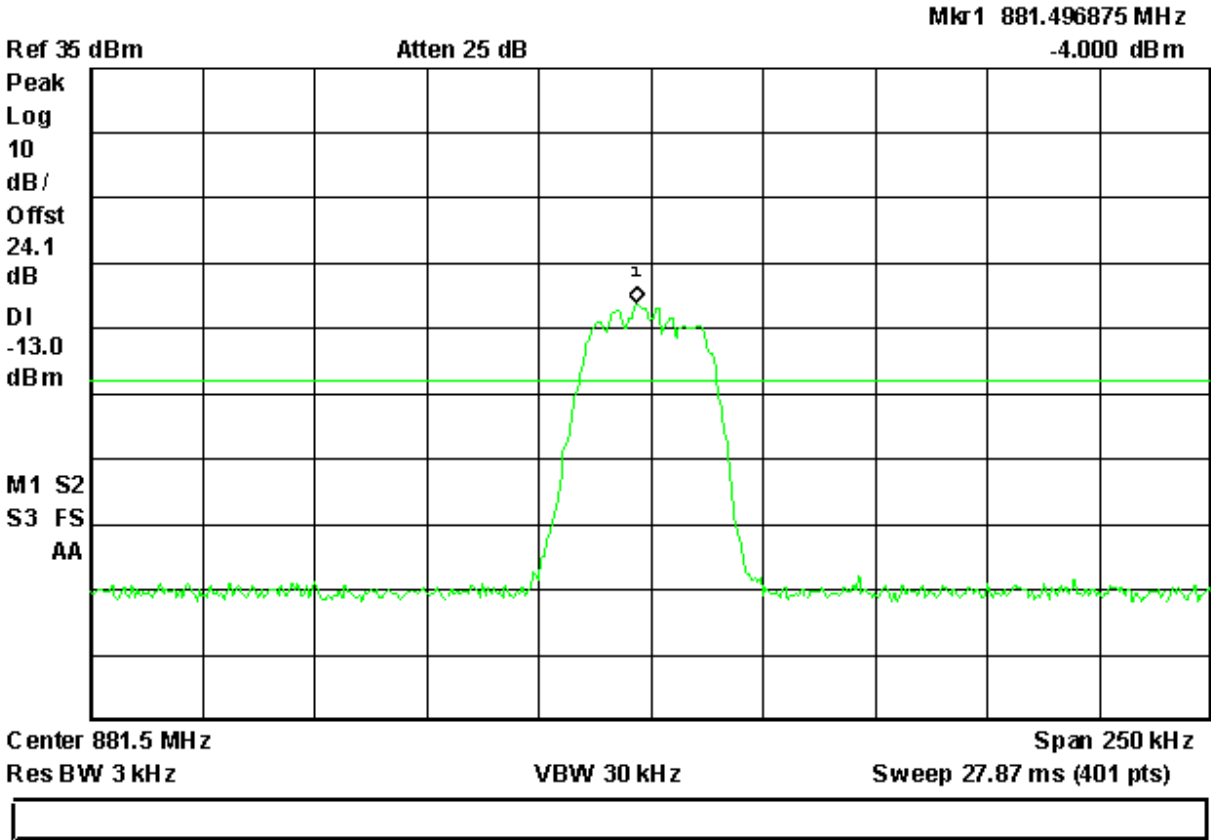



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 25 Jul 2007		<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Downlink TDMA 881.5 MHz - Output				

\* Agilent 06:17:45 Jul 25, 2007

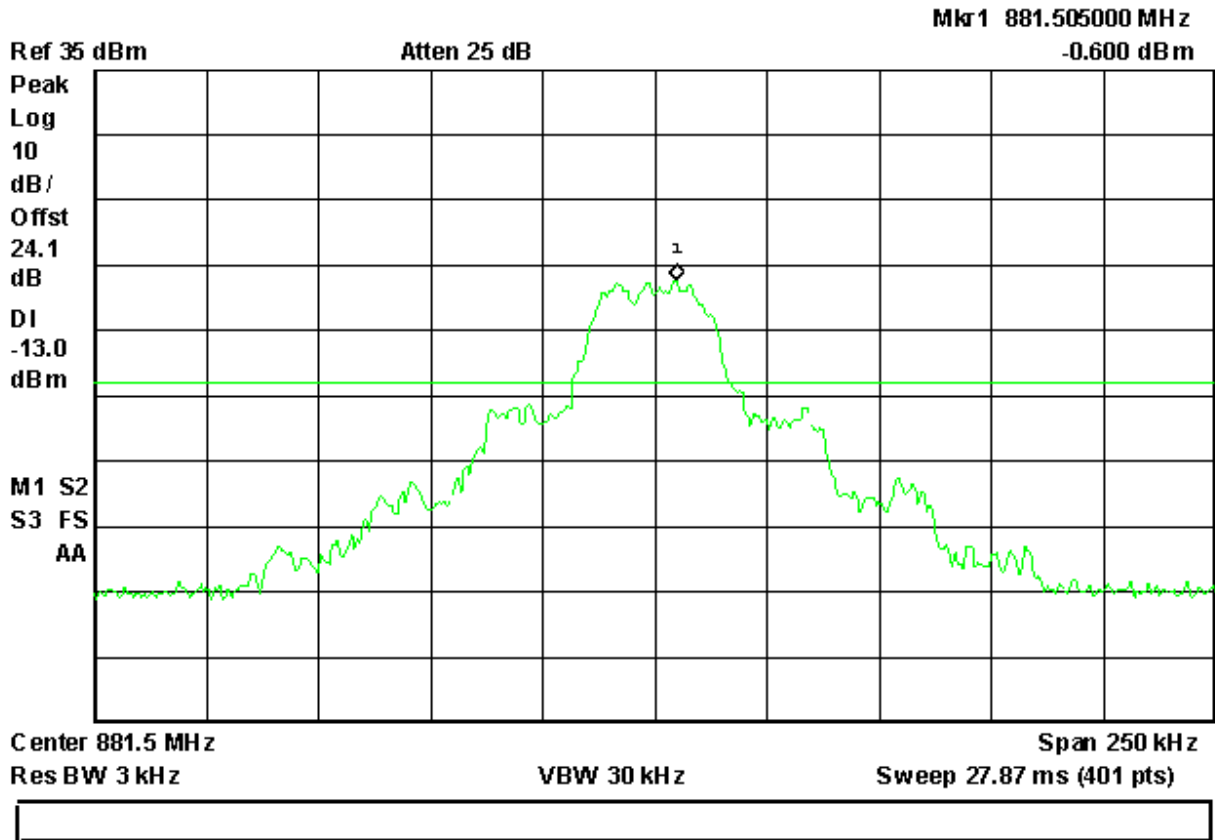

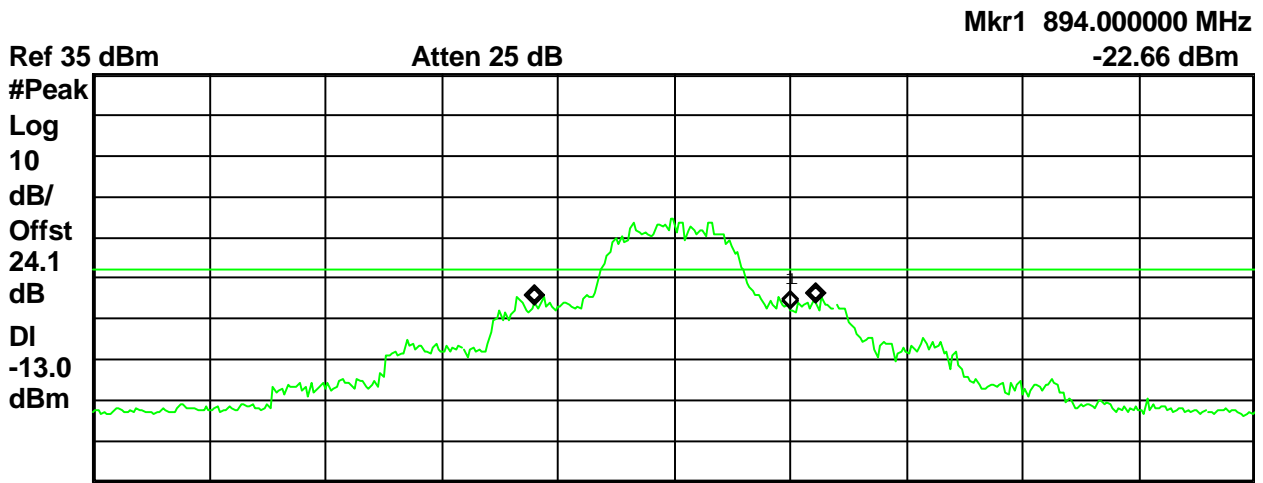


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Occupied Bandwidth</h3>	
	DNB Job Number: 78117 Customer: Janizary Holdings, Inc. Model Number: DBSW819 Description: RF amplifier Downlink TDMA 893.975 MHz	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

Agilent 06:07:10 Jun 12, 2007



Center 894 MHz      Span 250 kHz  
 #Res BW 1 kHz      VBW 10 kHz      Sweep 250.8 ms (401 pts)


**Occupied Bandwidth**  
 60.6454 kHz

Occ BW % Pwr      99.00 %  
 x dB      -26.00 dB

Transmit Freq Error      399.503 Hz  
 x dB Bandwidth      77.465 kHz



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 25 Jul 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Downlink TDMA 893.975 MHz - Input				

\* Agilent 06:20:51 Jul 25, 2007

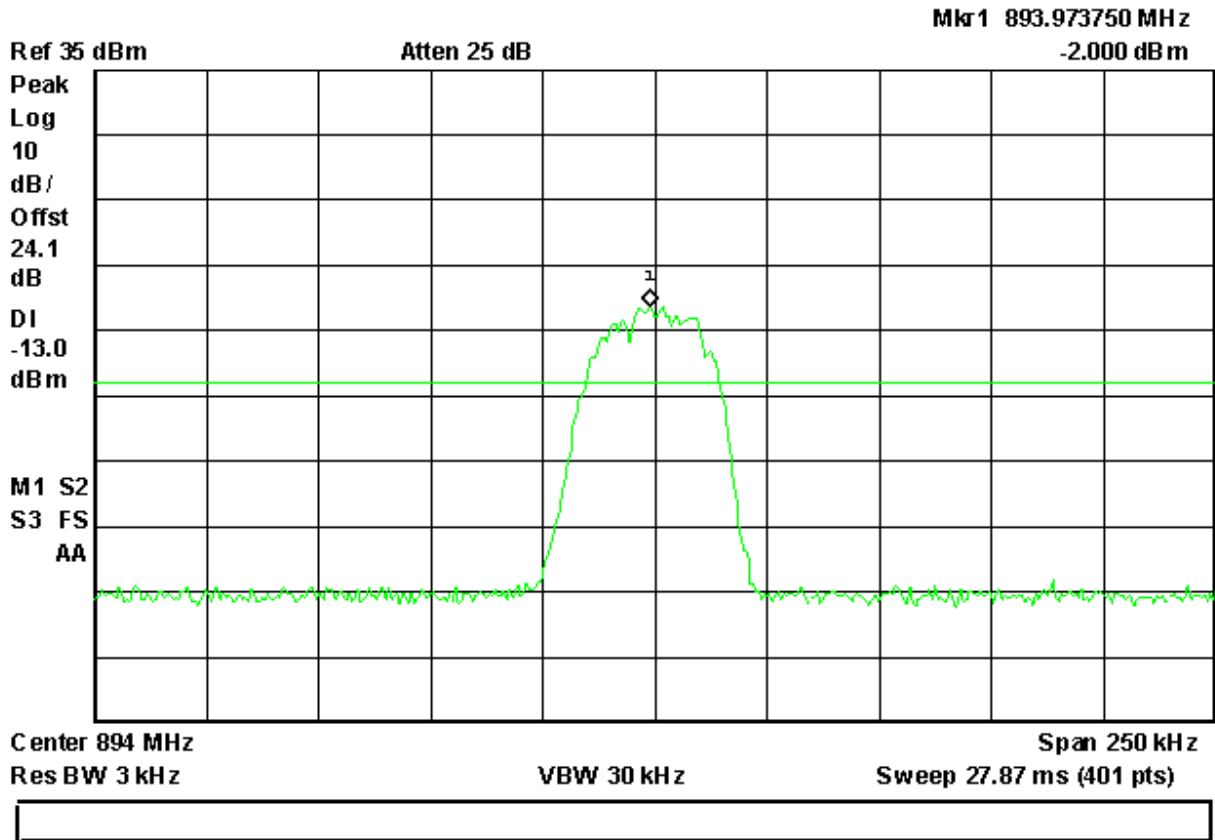



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 25 Jul 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier				
		Downlink TDMA 893.975 MHz - Output		

Agilent 06:18:26 Jul 25, 2007

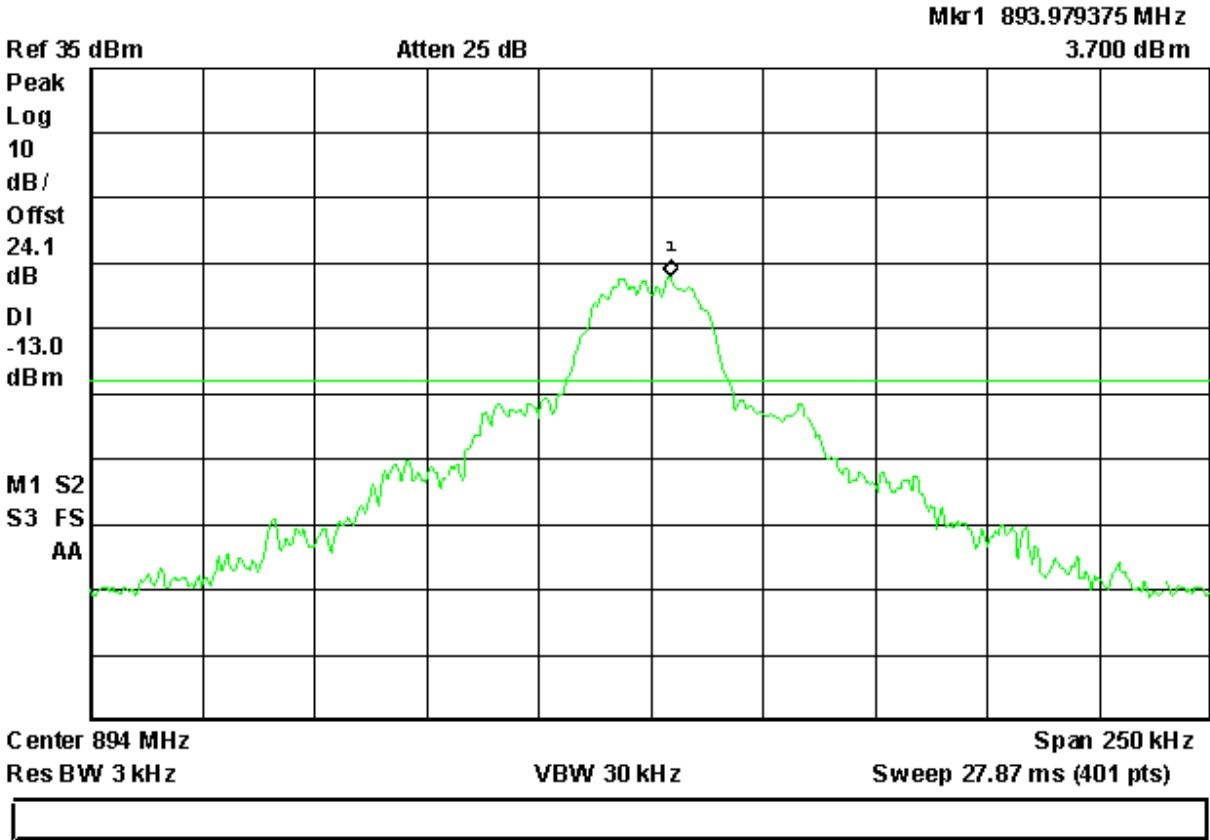

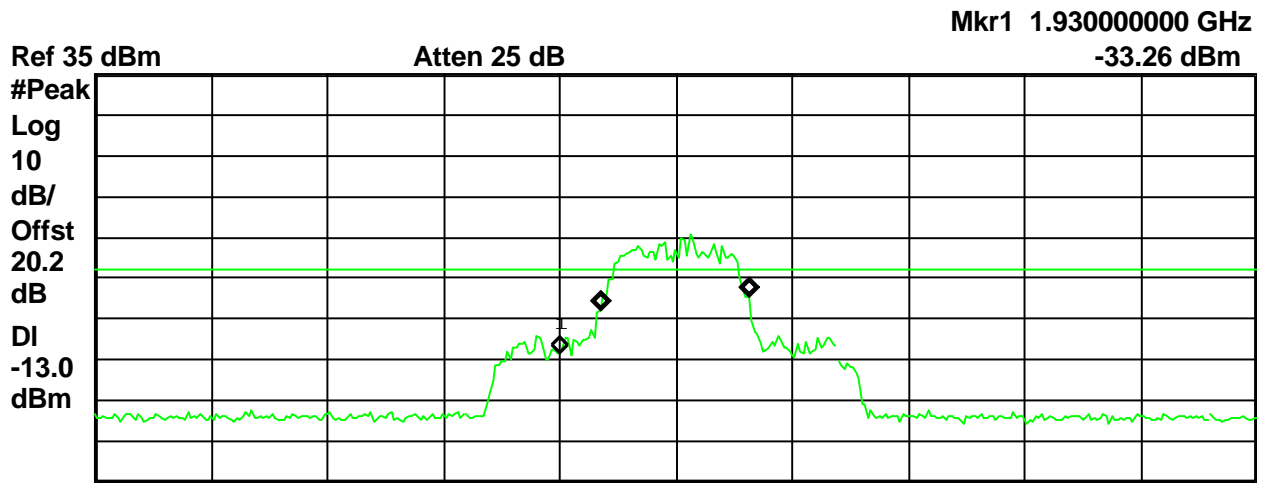


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Occupied Bandwidth</h3>	
	DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.			<b>Conformance Standards</b> <input checked="" type="checkbox"/> IC RSS-131 <input checked="" type="checkbox"/> FCC Part 22 <input checked="" type="checkbox"/> FCC Part 24
Model Number:	DBSW819			
Description:	RF amplifier			
	Downlink TDMA 1930.025 MHz			

Agilent 07:31:45 Jun 12, 2007



Center 1.93 GHz Span 250 kHz  
 #Res BW 1 kHz VBW 10 kHz Sweep 250.8 ms (401 pts)


**Occupied Bandwidth**  
**32.0181 kHz**

Occ BW % Pwr 99.00 %  
 x dB -26.00 dB

Transmit Freq Error -346.756 Hz  
 x dB Bandwidth 63.823 kHz



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 25 Jul 2007		<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Downlink TDMA 1930.025 MHz - Input				

\* Agilent 07:55:44 Jul 25, 2007

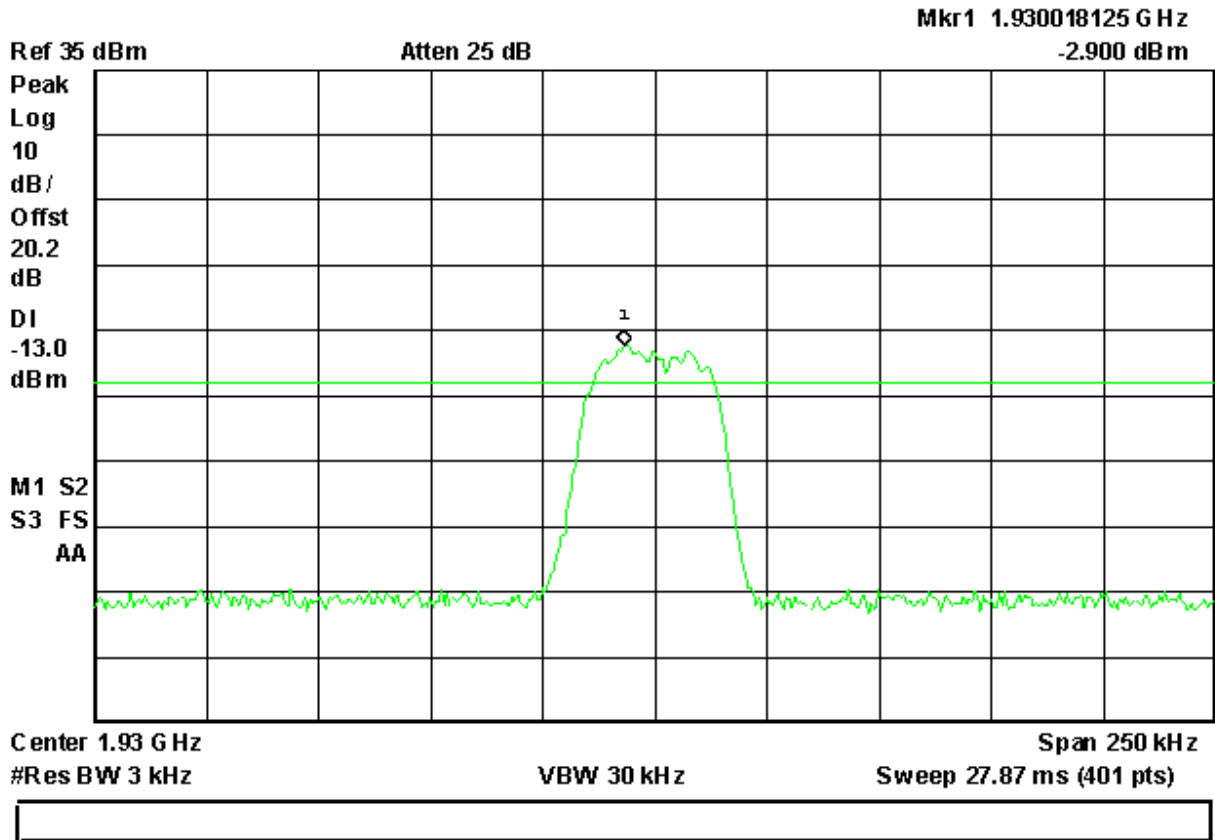



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 25 Jul 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.	Model Number: DBSW819			
Description: RF amplifier	Downlink TDMA 1930.025 MHz - Output			

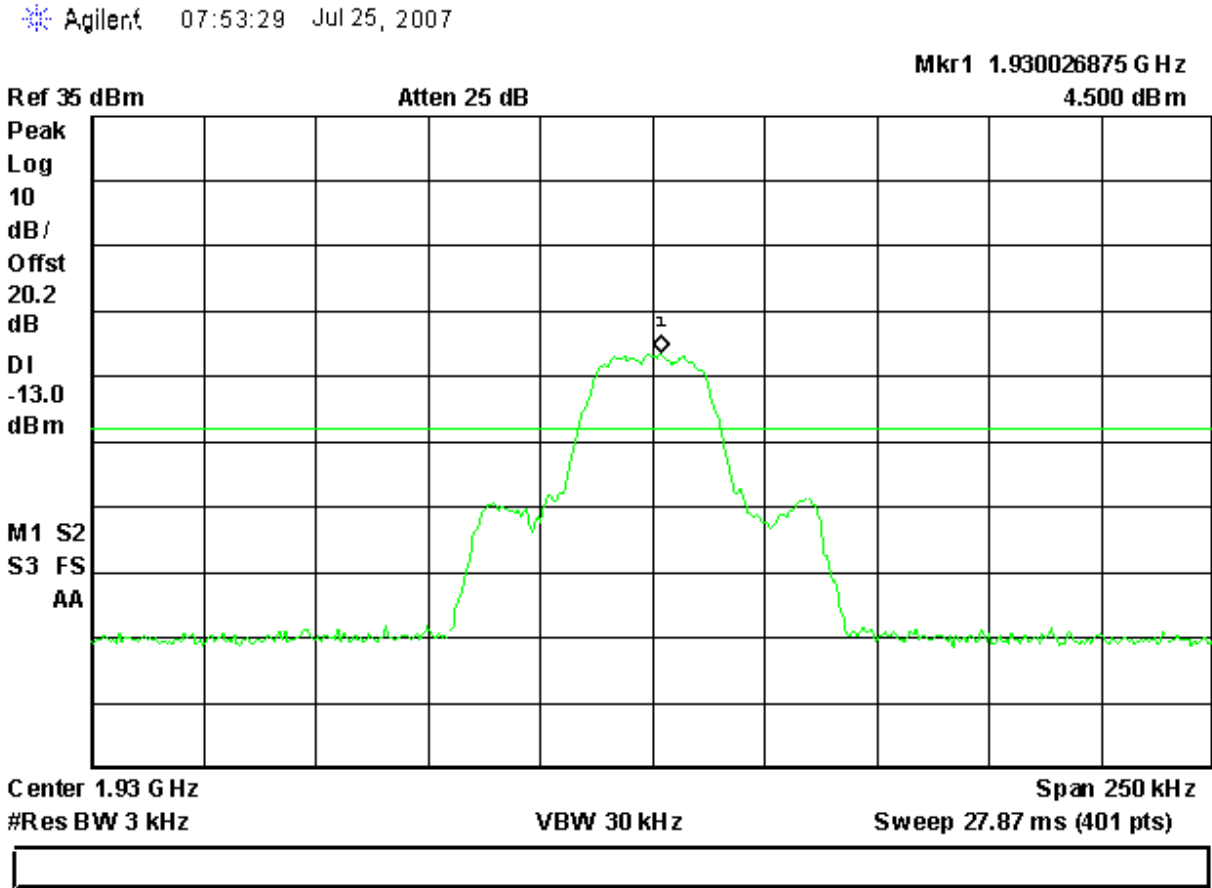

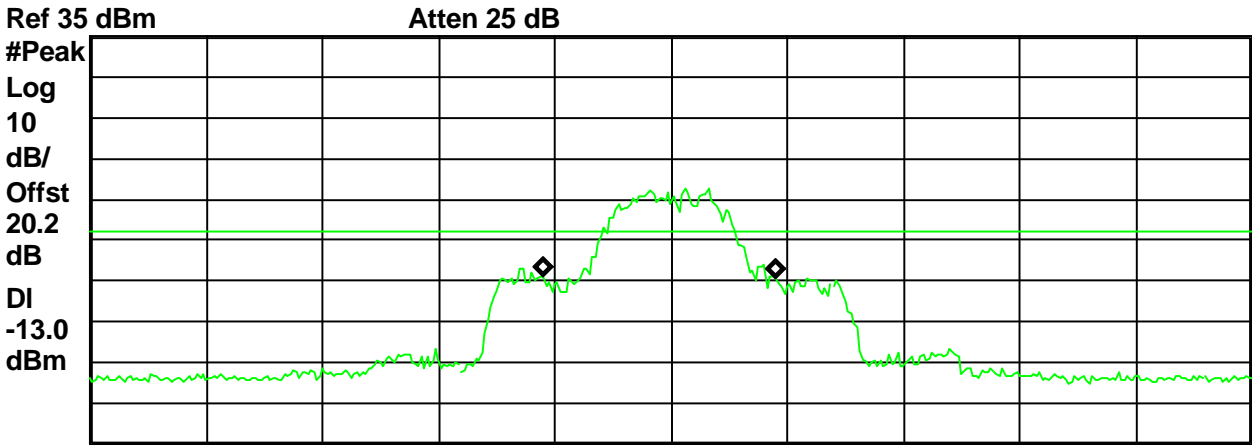




FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Occupied Bandwidth</h3>	
	DNB Job Number: 78117	Date: 12 Jun 2007		<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Downlink TDMA 1960 MHz				

Agilent 07:32:49 Jun 12, 2007



Center 1.96 GHz Span 250 kHz  
 #Res BW 1 kHz VBW 10 kHz Sweep 250.8 ms (401 pts)


Occupied Bandwidth  
 49.7997 kHz

Occ BW % Pwr 99.00 %  
 x dB -26.00 dB

Transmit Freq Error -2.574 kHz  
 x dB Bandwidth 74.951 kHz



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number:	78117	Date:	25 Jul 2007
Customer:	Janizary Holdings, Inc.			<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Model Number:	DBSW819			
Description:	RF amplifier			
Downlink TDMA 1960 MHz - Input				

Agilent 07:56:08 Jul 25, 2007

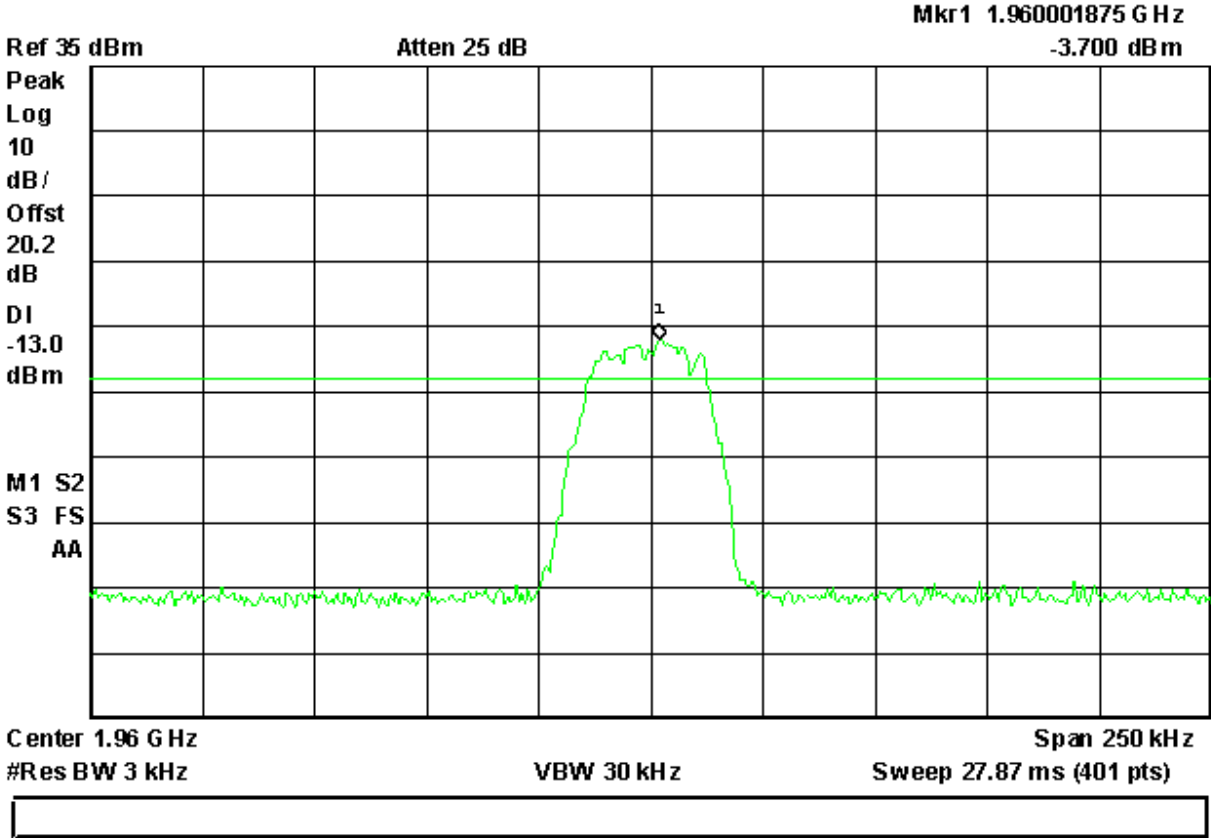



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 25 Jul 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Downlink TDMA 1960 MHz - Output				

Agilent 07:53:57 Jul 25, 2007

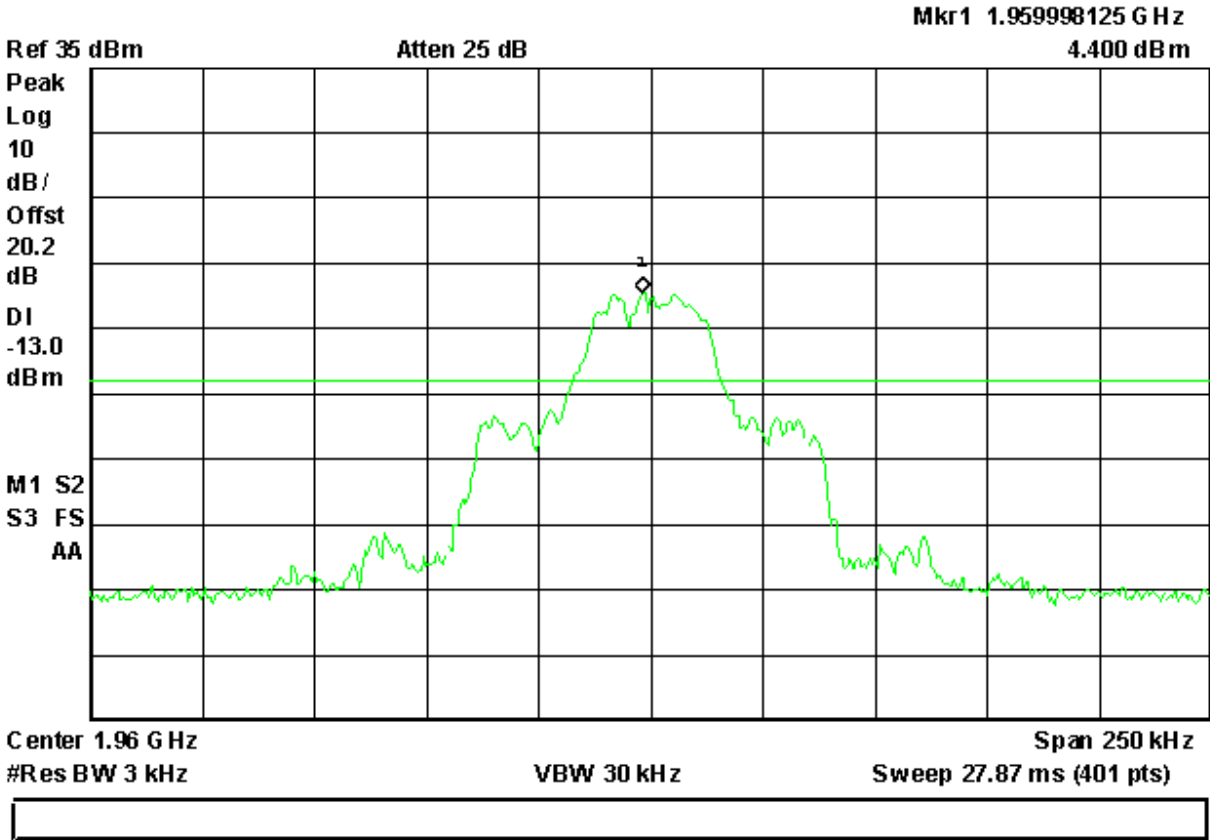

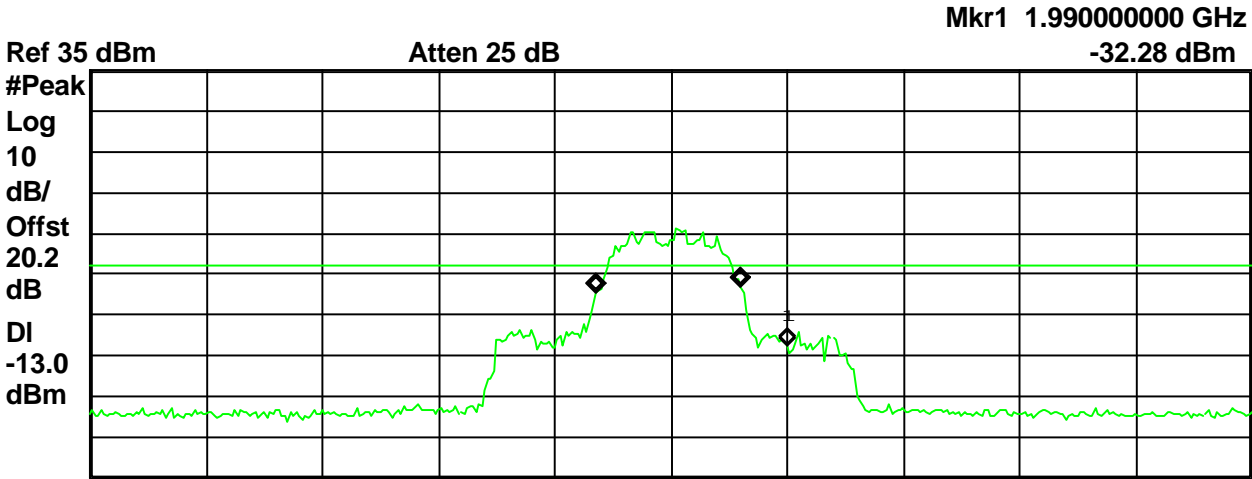


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Occupied Bandwidth</h3>	
	DNB Job Number: 78117 Customer: Janizary Holdings, Inc. Model Number: DBSW819 Description: RF amplifier Downlink TDMA 1989.975 MHz	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

Agilent 07:34:00 Jun 12, 2007




Center 1.99 GHz      Span 250 kHz  
 #Res BW 1 kHz      VBW 10 kHz      Sweep 250.8 ms (401 pts)

**Occupied Bandwidth**      Occ BW % Pwr      99.00 %  
 31.1816 kHz      x dB      -26.00 dB

Transmit Freq Error      -504.013 Hz  
 x dB Bandwidth      62.210 kHz



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 25 Jul 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Downlink TDMA 1989.975 MHz - Input				

Agilent 07:56:44 Jul 25, 2007

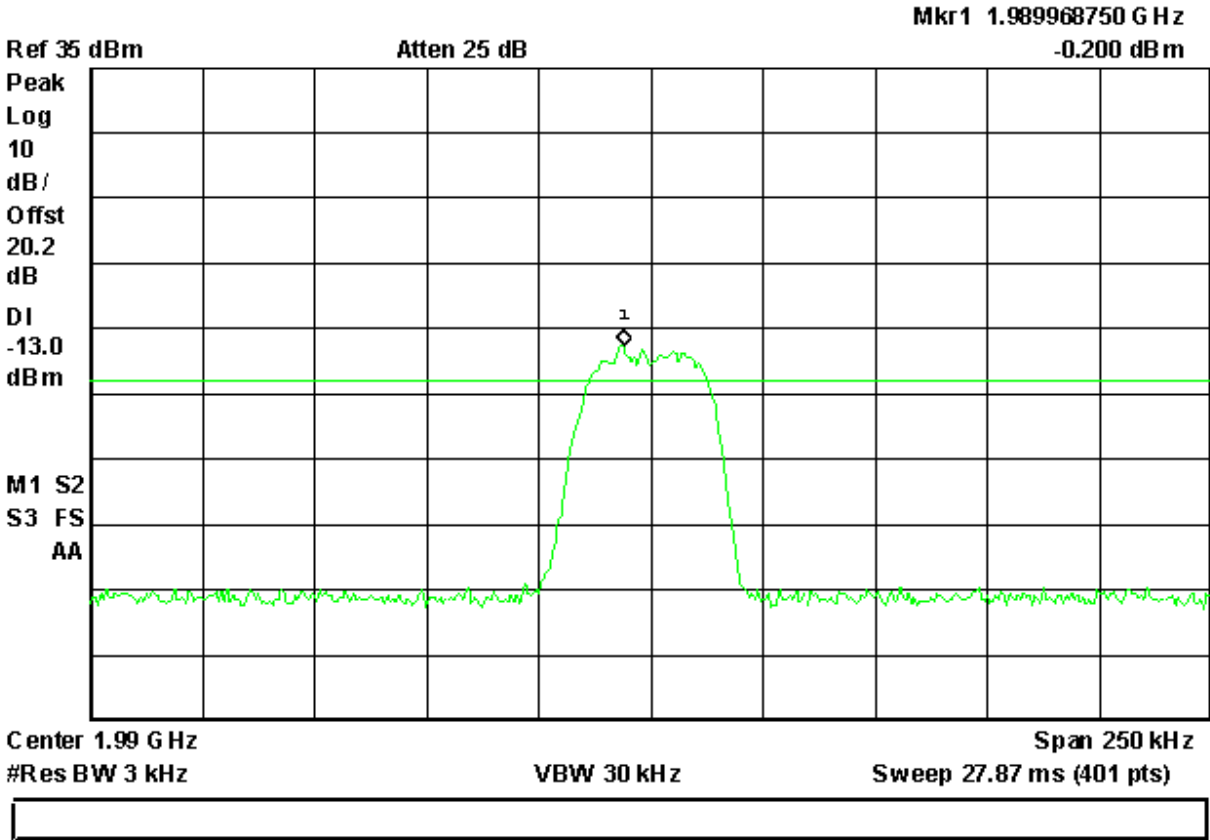



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Modulation Characteristics</b>	
DNB Job Number:	78117	Date:	25 Jul 2007
Customer:	Janizary Holdings, Inc.		<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Model Number:	DBSW819		
Description:	RF amplifier		
	Downlink TDMA 1989.975 MHz - Output		

Agilent 07:54:29 Jul 25, 2007

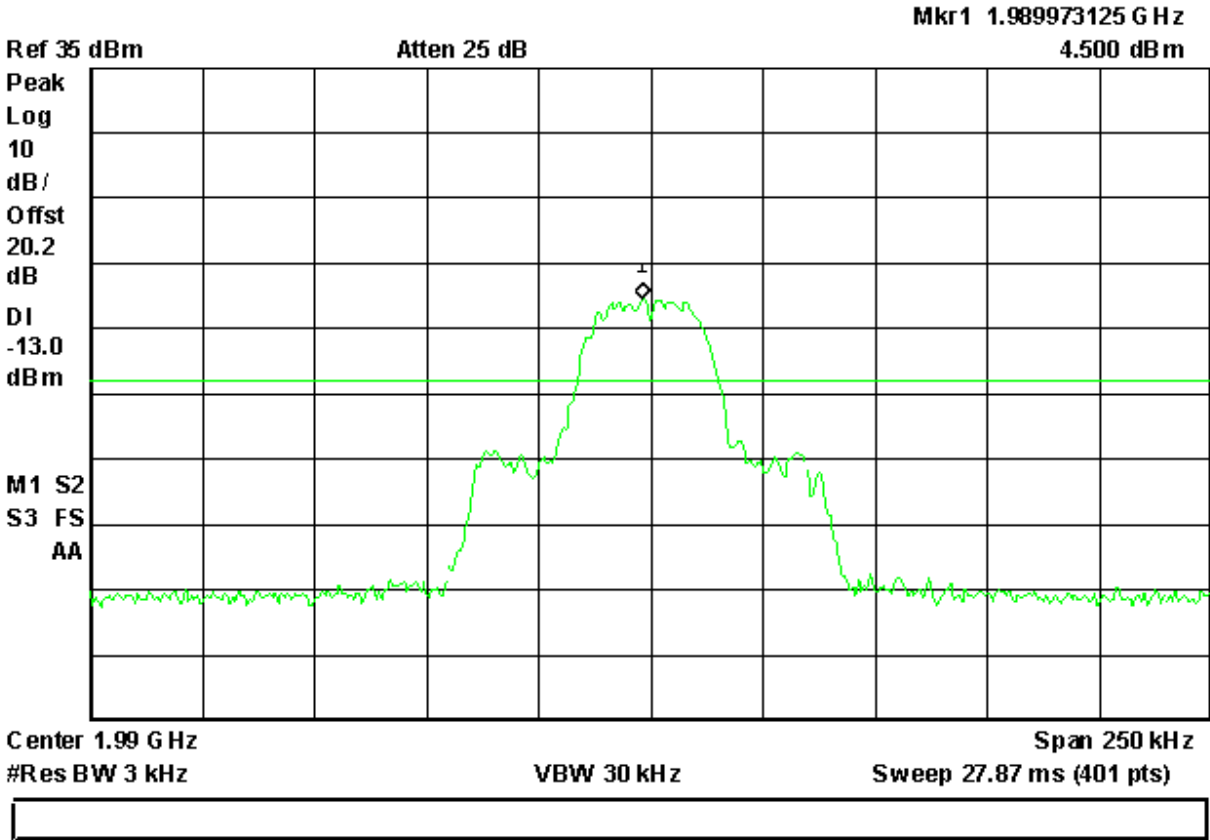

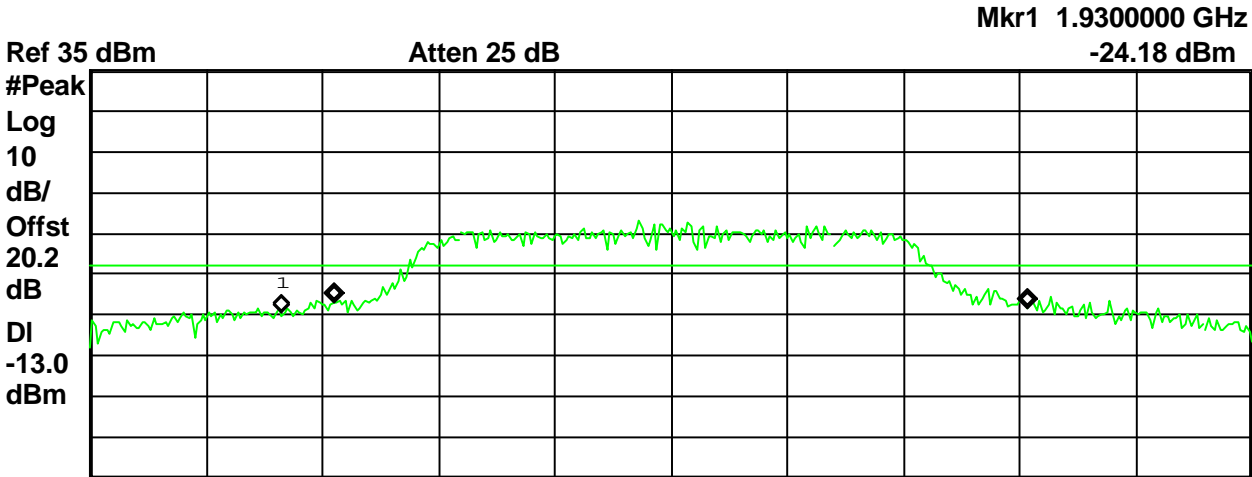


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Occupied Bandwidth</h3>	
	DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.			<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Model Number:	DBSW819			
Description:	RF amplifier			
	Downlink CDMA 1931 MHz			

Agilent 09:18:47 Jun 12, 2007




Center 1.931 GHz Span 3 MHz  
 #Res BW 100 kHz VBW 1 MHz Sweep 5 ms (401 pts)

**Occupied Bandwidth** Occ BW % Pwr 99.00 %  
 1.7910 MHz x dB -26.00 dB

Transmit Freq Error 24.936 kHz  
 x dB Bandwidth 2.983 MHz



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinston Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Modulation Characteristics</b>	
DNB Job Number:	78117	Date:	25 Jul 2007
Customer:	Janizary Holdings, Inc.	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Model Number:	DBSW819		
Description:	RF amplifier		
	Downlink CDMA 1931 MHz - Input		

Agilent 09:28:26 Jul 25, 2007

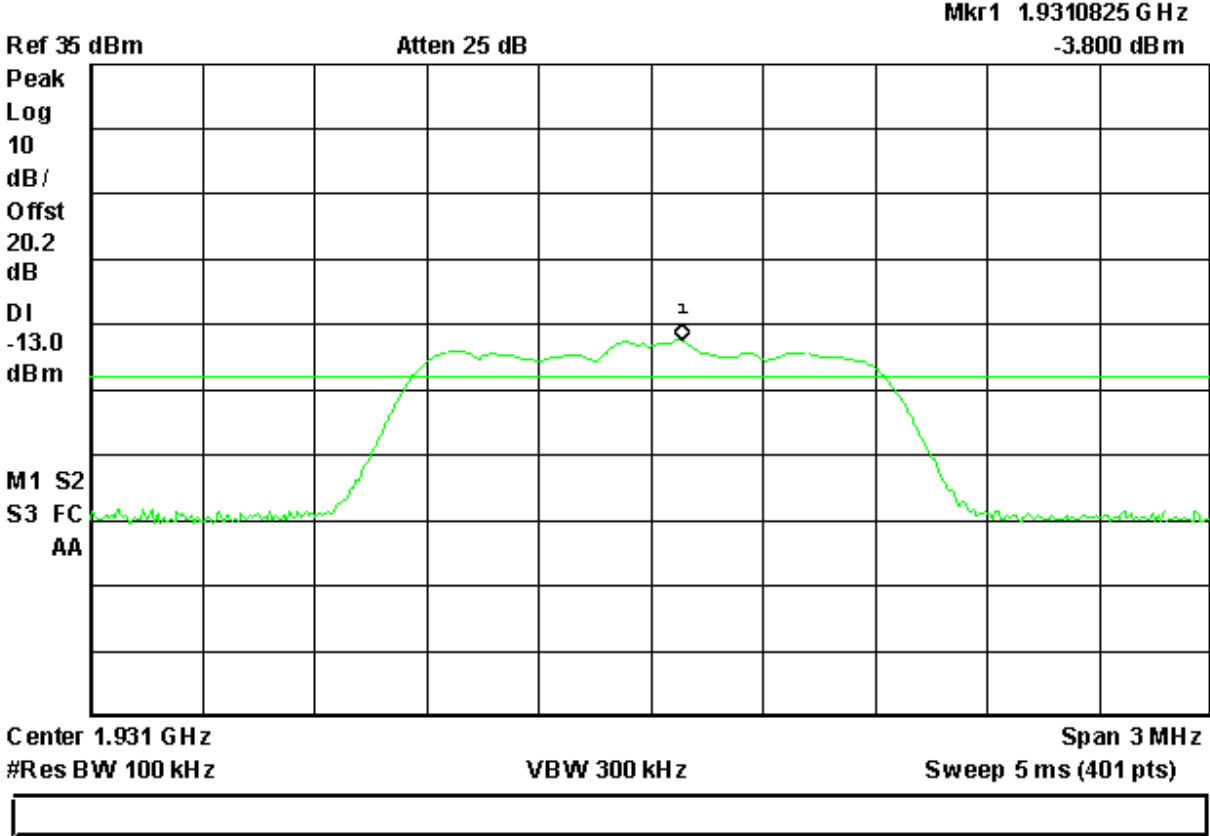





FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 25 Jul 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Downlink CDMA 1931 MHz - Output				

Agilent 09:26:11 Jul 25, 2007

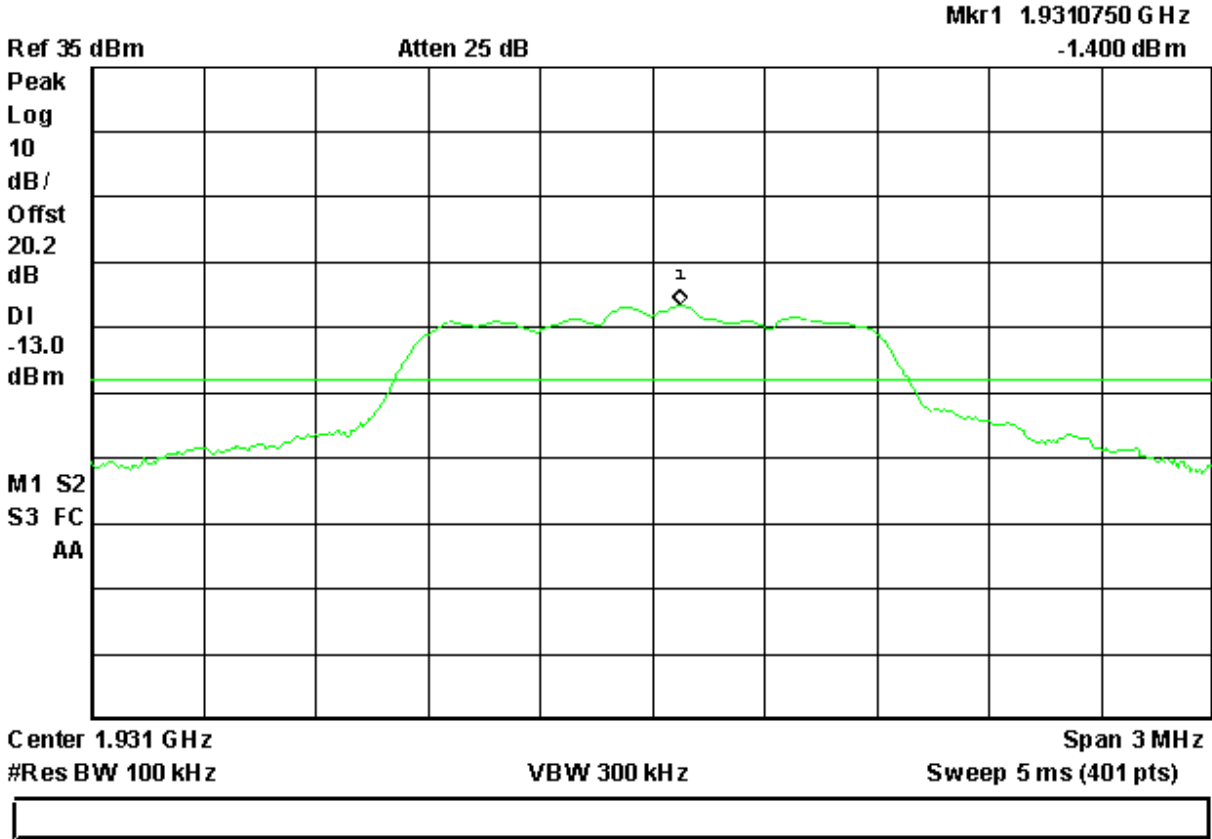

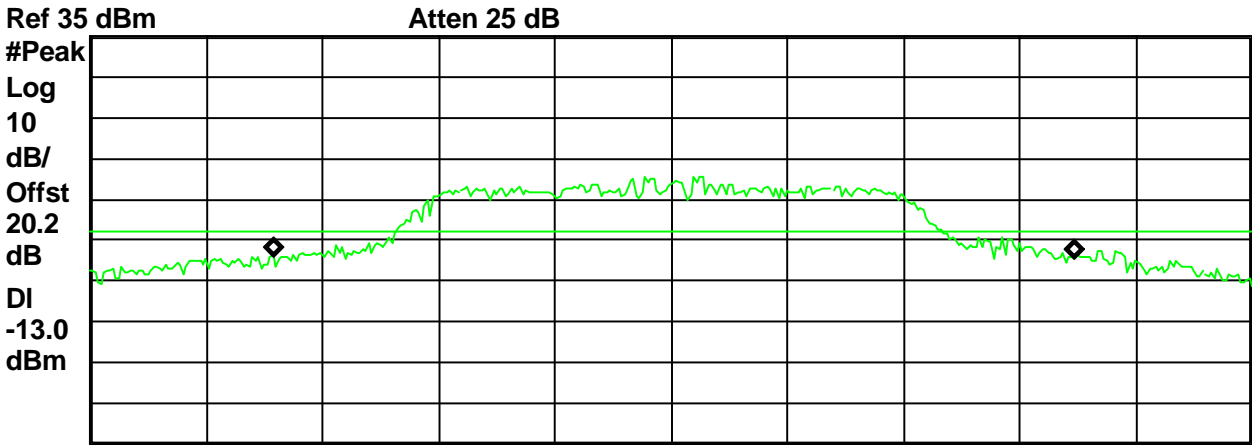


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Occupied Bandwidth</h3>	
	DNB Job Number: 78117 Customer: Janizary Holdings, Inc. Model Number: DBSW819 Description: RF amplifier Downlink CDMA 1960 MHz	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

Agilent 09:19:44 Jun 12, 2007




Center 1.96 GHz Span 3 MHz  
 #Res BW 100 kHz VBW 1 MHz Sweep 5 ms (401 pts)

Occupied Bandwidth Occ BW % Pwr 99.00 %  
 2.0663 MHz x dB -26.00 dB

Transmit Freq Error 6.683 kHz  
 x dB Bandwidth 2.998 MHz



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 25 Jul 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.	Model Number: DBSW819			
Description: RF amplifier	Downlink CDMA 1960 MHz - Input			

Agilent 09:28:56 Jul 25, 2007

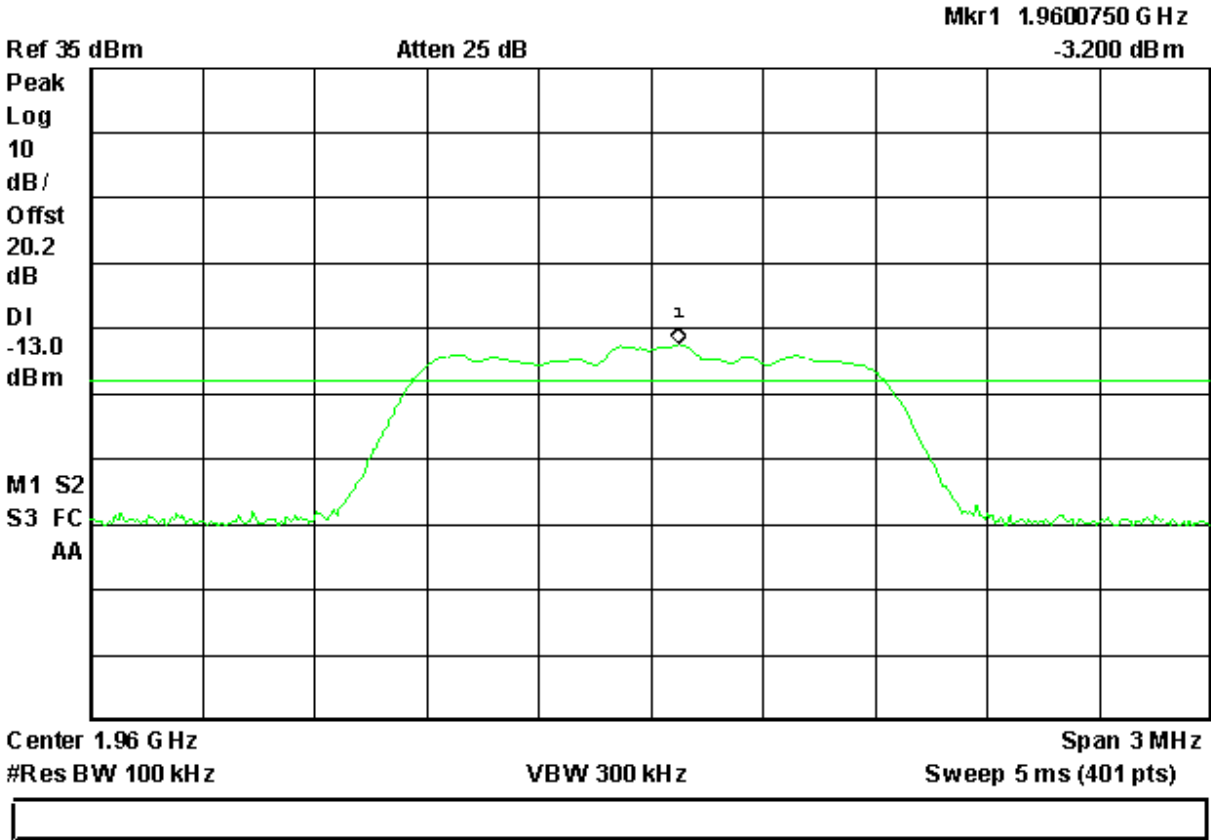



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number: 78117	Date: 25 Jul 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.	Model Number: DBSW819			
Description: RF amplifier	Downlink CDMA 1960 MHz - Output			

\* Agilent 09:26:37 Jul 25, 2007

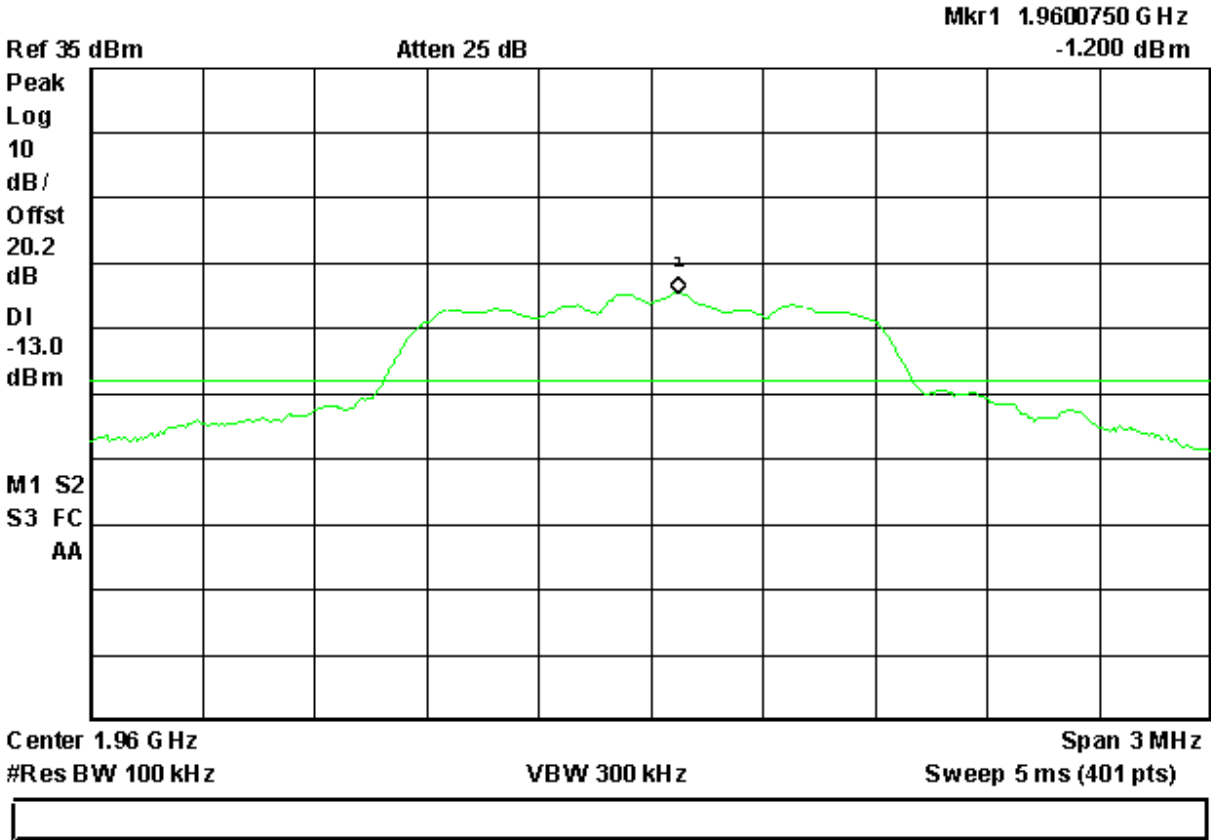

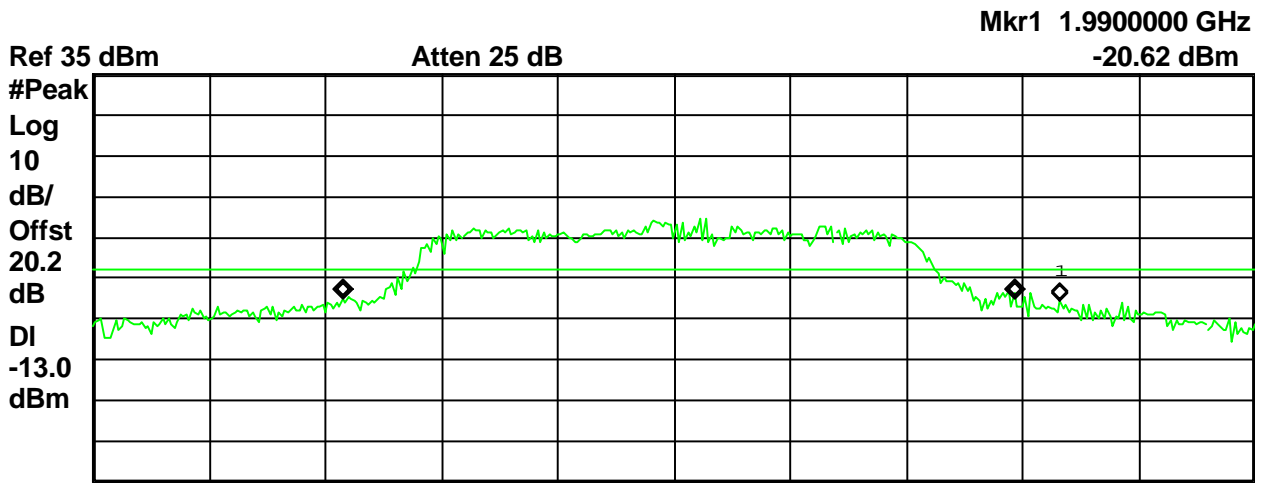


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Occupied Bandwidth</h3>	
	DNB Job Number: 78117 Customer: Janizary Holdings, Inc. Model Number: DBSW819 Description: RF amplifier Downlink CDMA 1989 MHz	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

Agilent 09:20:23 Jun 12, 2007



Center 1.989 GHz Span 3 MHz  
 #Res BW 100 kHz VBW 1 MHz Sweep 5 ms (401 pts)


**Occupied Bandwidth**  
 1.7292 MHz

Occ BW % Pwr 99.00 %  
 x dB -26.00 dB

Transmit Freq Error 9.338 kHz  
 x dB Bandwidth 2.997 MHz



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Modulation Characteristics</b>	
	DNB Job Number:	78117	Date:	25 Jul 2007
Customer:	Janizary Holdings, Inc.			<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Model Number:	DBSW819			
Description:	RF amplifier			
	Downlink CDMA 1989 MHz - Input			

\* Agilent 09:29:21 Jul 25, 2007

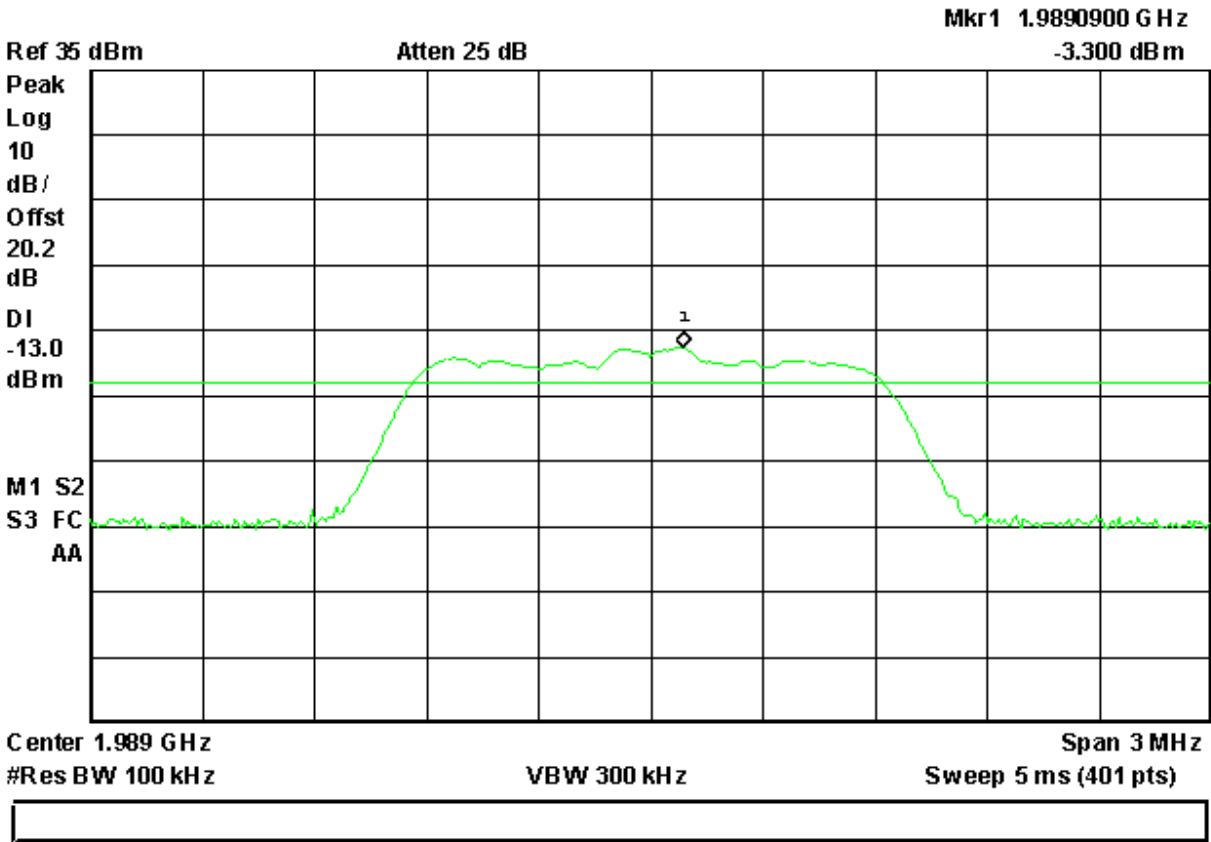



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Modulation Characteristics</b>	
DNB Job Number:	78117	Date:	25 Jul 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
Description:	Downlink CDMA 1989 MHz - Output		
<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24			

Agilent 09:27:10 Jul 25, 2007

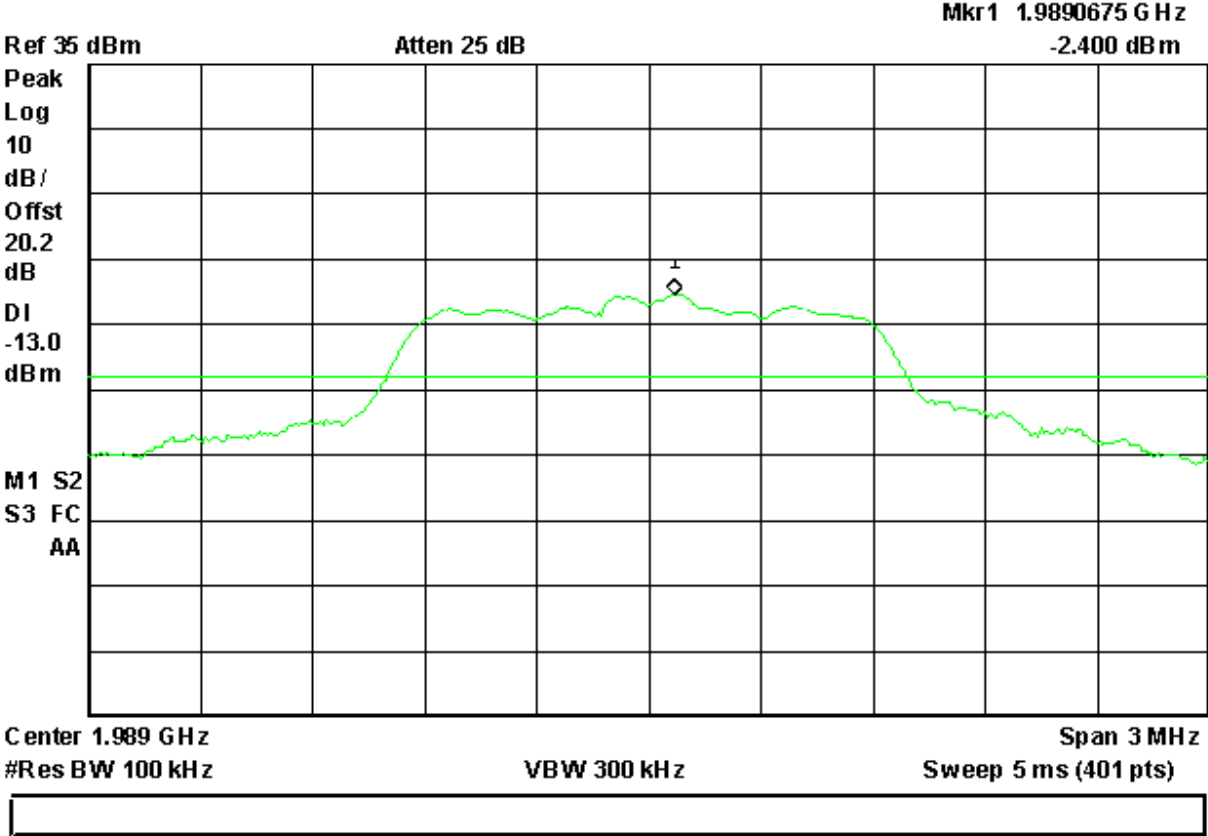

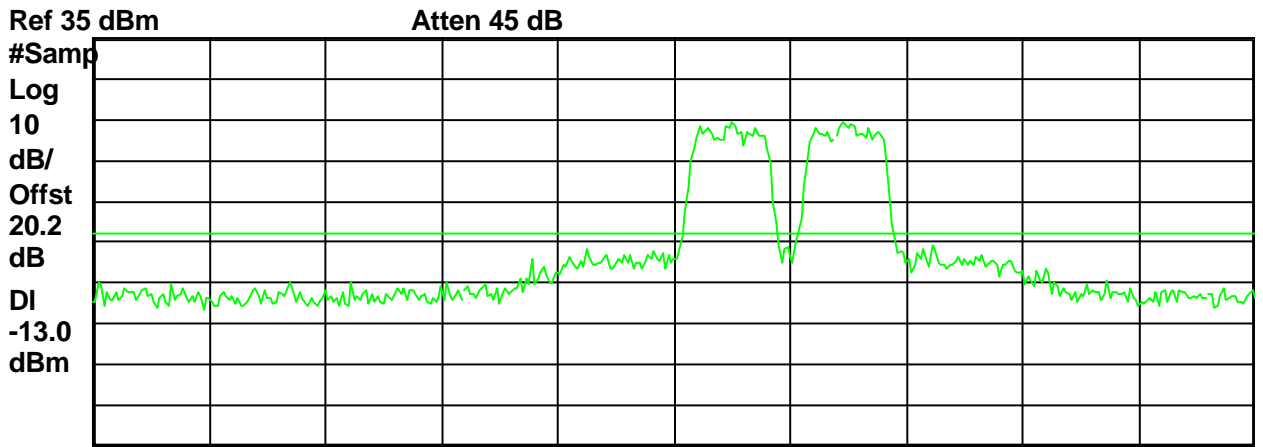


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Inter-Modulation</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007		<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier Uplink Signal Source - CDMA – Input – Lower edge				

Agilent 08:42:00 Jun 12, 2007




Center 1.85 GHz Span 20 MHz  
 #Res BW 100 kHz VBW 1 MHz Sweep 4 ms (401 pts)

	Freq	dBm	dBc	Intercept
Base Lower	1.85100 GHz	14.48	0.00	
Base Upper	1.85290 GHz	14.34	-0.14	
Worst Case	1.85445 GHz	-15.48	-29.96	29.32 dBm
3rd Order Lower	1.84925 GHz	-20.22	-34.70	31.76 dBm
3rd Order Upper	1.85445 GHz	-15.48	-29.96	29.32 dBm





FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Inter-Modulation</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier Uplink Signal Source - CDMA – Input – Upper edge				

Agilent 08:42:52 Jun 12, 2007




Center 1.91 GHz      Span 20 MHz  
 #Res BW 100 kHz      VBW 1 MHz      Sweep 4 ms (401 pts)

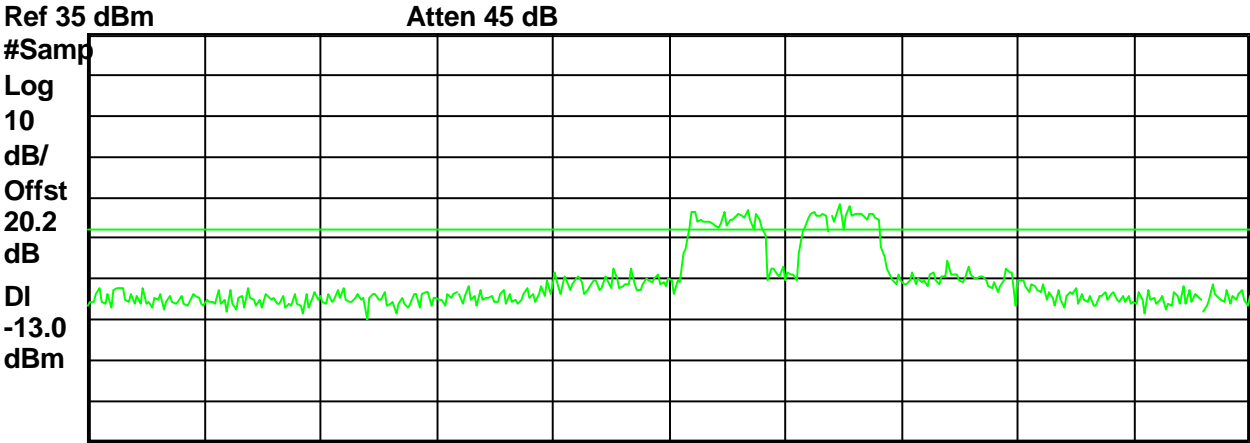
	Freq	dBm	dBc	Intercept
Base Lower	1.90645 GHz	12.34	0.00	
Base Upper	1.90905 GHz	11.56	-0.78	
Worst Case	1.90385 GHz	-20.10	-32.44	28.17 dBm
3rd Order Lower	1.90385 GHz	-20.10	-32.44	28.17 dBm
3rd Order Upper	1.91125 GHz	-21.85	-34.19	28.66 dBm



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Inter-Modulation</b>	
DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Downlink		
	Signal Source - CDMA – Input – Lower edge		
<b>Conformance Standards</b>			
[X] IC RSS-131			
[X] FCC Part 22			
[X] FCC Part 24			

Agilent 09:21:49 Jun 12, 2007




Center 1.93 GHz      Span 20 MHz  
 #Res BW 100 kHz      VBW 100 kHz      Sweep 4.074 ms (401 pts)

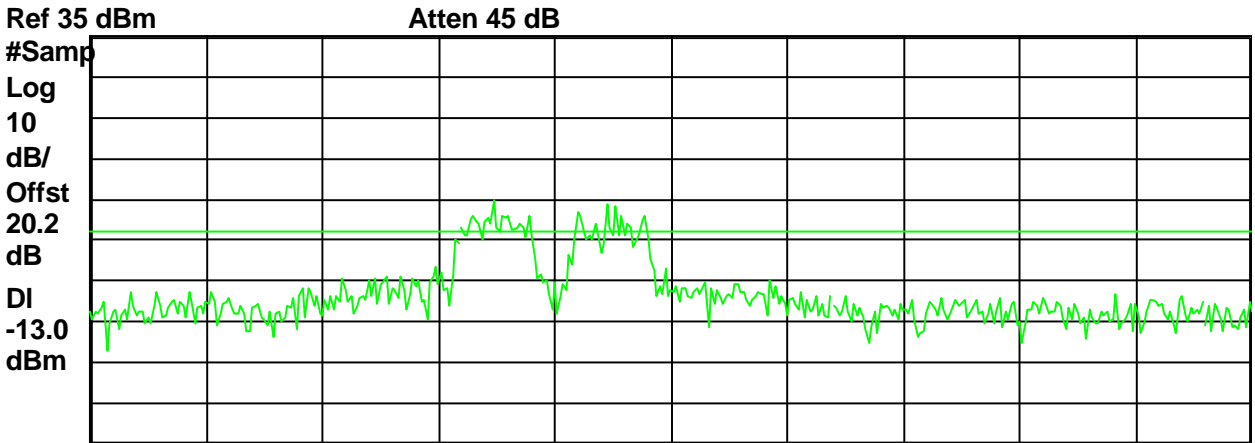
	Freq	dBm	dBc	Intercept
Base Lower	1.93135 GHz	-8.13	-1.39	
Base Upper	1.93295 GHz	-6.74	0.00	
Worst Case	1.92935 GHz	-22.37	-15.63	-0.32 dBm
3rd Order Lower	1.92935 GHz	-22.37	-15.63	-0.32 dBm
3rd Order Upper	1.93480 GHz	-25.02	-18.28	1.70 dBm



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Inter-Modulation</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier Downlink Signal Source - CDMA – Input – Upper edge				

Agilent 09:22:26 Jun 12, 2007




Center 1.99 GHz      Span 20 MHz  
 #Res BW 100 kHz      VBW 100 kHz      Sweep 4.074 ms (401 pts)

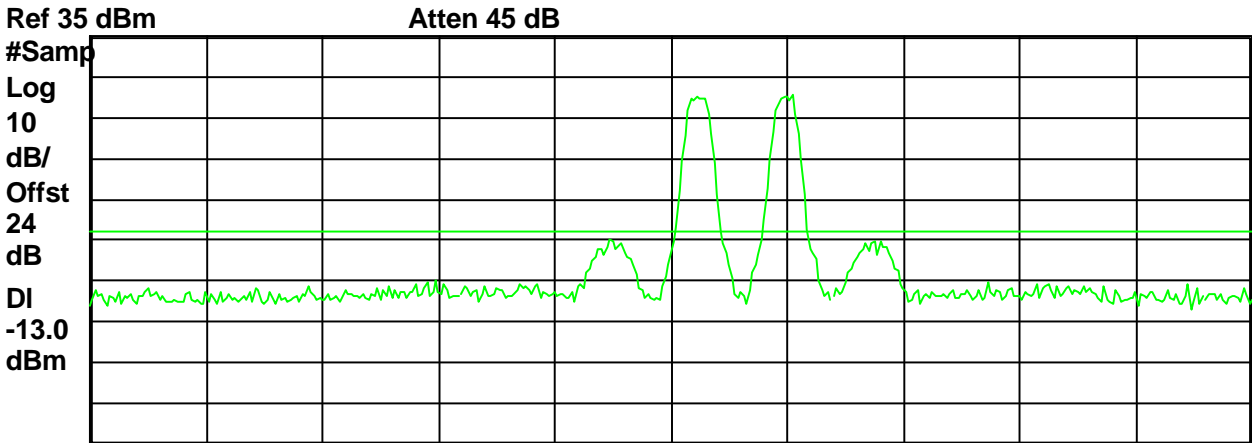
	Freq	dBm	dBc	Intercept
Base Lower	1.98695 GHz	-5.36	0.00	
Base Upper	1.98890 GHz	-6.25	-0.88	
Worst Case	1.98535 GHz	-23.65	-18.28	3.34 dBm
3rd Order Lower	1.98535 GHz	-23.65	-18.28	3.34 dBm
3rd Order Upper	1.99115 GHz	-25.60	-20.24	3.87 dBm



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Inter-Modulation</b>	
	DNB Job Number: 78117	Date: 11 Jun 2007		<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier Uplink Signal Source - GSM - Input - Low Band - Low Edge				

Agilent 15:57:03 Jun 11, 2007




Center 824 MHz Span 10 MHz  
 #Res BW 30 kHz VBW 300 kHz Sweep 17.63 ms (401 pts)

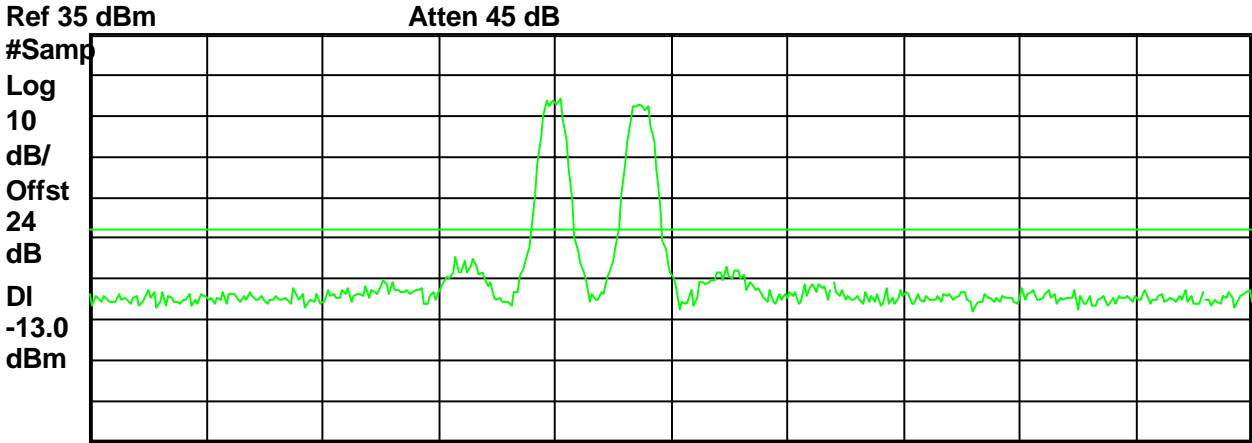
	Freq	dBm	dBc	Intercept
Base Lower	824.225 MHz	20.08	-0.61	
Base Upper	825.050 MHz	20.69	0.00	
Worst Case	823.475 MHz	-14.72	-35.41	37.78 dBm
3rd Order Lower	823.475 MHz	-14.72	-35.41	37.78 dBm
3rd Order Upper	825.750 MHz	-15.06	-35.75	38.26 dBm



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Inter-Modulation</b>	
	DNB Job Number: 78117	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier Uplink Signal Source - GSM - Input - Low Band - Upper Edge				

Agilent 15:58:53 Jun 11, 2007




Center 849 MHz      Span 10 MHz  
 #Res BW 30 kHz      VBW 300 kHz      Sweep 17.63 ms (401 pts)

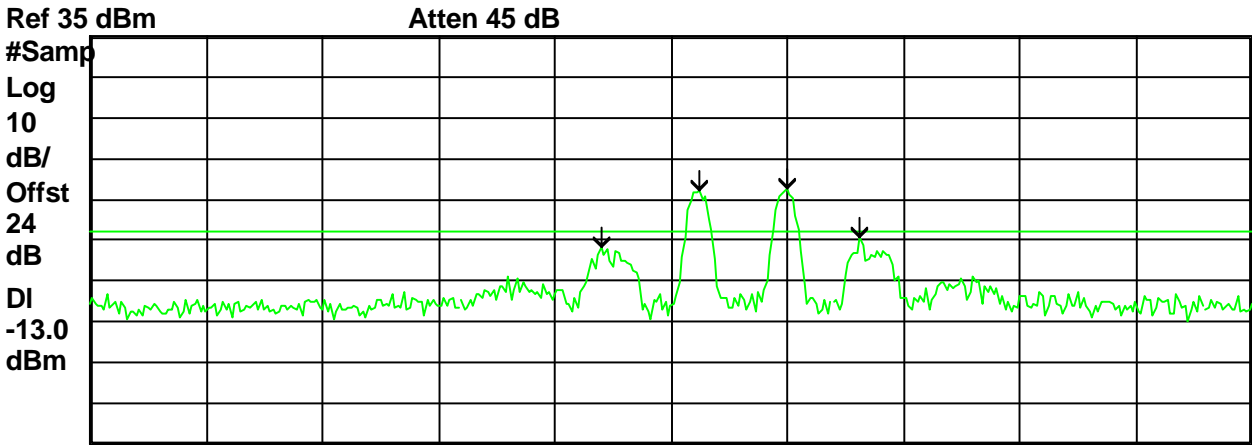
	Freq	dBm	dBc	Intercept
Base Lower	848.050 MHz	19.14	0.00	
Base Upper	848.725 MHz	17.62	-1.52	
Worst Case	849.475 MHz	-21.97	-41.11	38.18 dBm
3rd Order Lower	847.300 MHz	-21.85	-40.99	38.88 dBm
3rd Order Upper	849.475 MHz	-21.97	-41.11	38.18 dBm



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Inter-Modulation</b>	
	DNB Job Number: 78117	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier Downlink Signal Source - GSM - Input - Low Band - Lower Edge				

Agilent 17:46:52 Jun 11, 2007




Center 869 MHz      Span 10 MHz  
 #Res BW 30 kHz      VBW 30 kHz      Sweep 22.64 ms (401 pts)

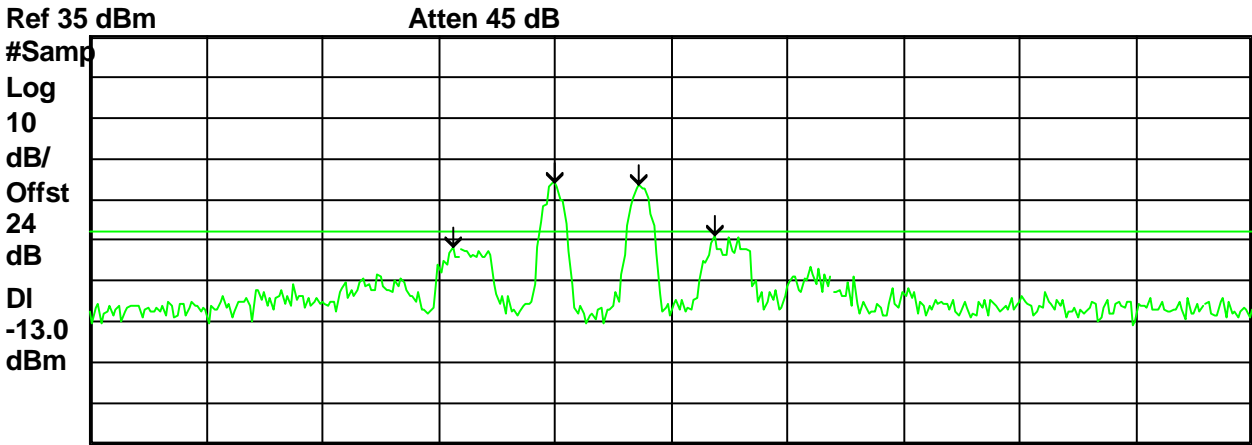
	Freq	dBm	dBc	Intercept
Base Lower	869.250 MHz	-2.89	-0.72	
Base Upper	870.000 MHz	-2.17	0.00	
Worst Case	870.625 MHz	-14.44	-12.27	3.60 dBm
3rd Order Lower	868.400 MHz	-16.85	-14.68	4.46 dBm
3rd Order Upper	870.625 MHz	-14.44	-12.27	3.60 dBm



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Inter-Modulation</b>	
	DNB Job Number: 78117	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier Downlink Signal Source - GSM - Input - Low Band - Upper Edge				

Agilent 17:48:06 Jun 11, 2007




Center 894 MHz      Span 10 MHz  
 #Res BW 30 kHz      VBW 30 kHz      Sweep 22.64 ms (401 pts)

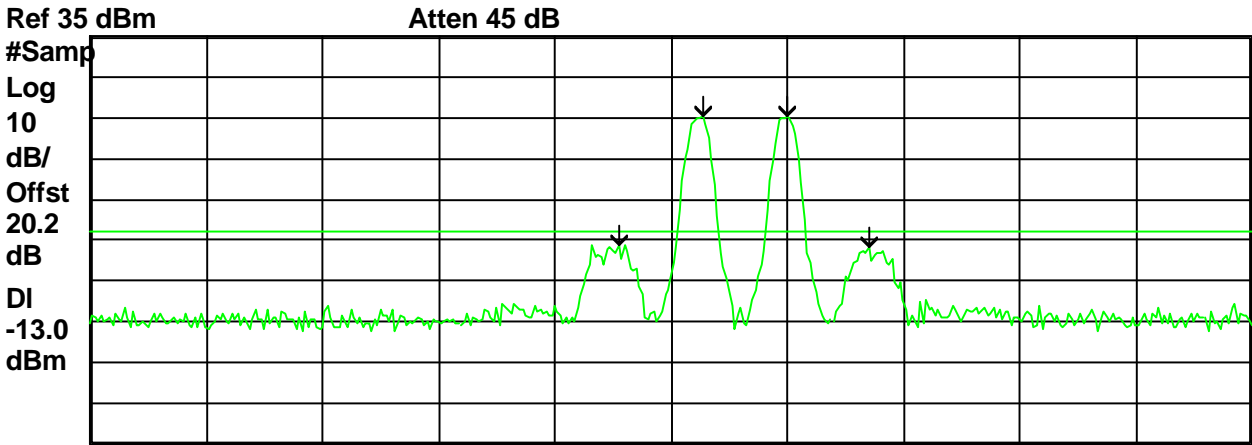
	Freq	dBm	dBc	Intercept
Base Lower	893.000 MHz	-0.73	0.00	
Base Upper	893.725 MHz	-1.45	-0.72	
Worst Case	894.375 MHz	-14.01	-13.28	5.18 dBm
3rd Order Lower	892.125 MHz	-16.84	-16.11	6.96 dBm
3rd Order Upper	894.375 MHz	-14.01	-13.28	5.18 dBm



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Inter-Modulation</b>	
	DNB Job Number: 78117	Date: 11 Jun 2007		<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier Uplink Signal Source - GSM - Input - Hi Band - Lower Edge				

Agilent 18:04:01 Jun 11, 2007




Center 1.85 GHz      Span 10 MHz  
 #Res BW 30 kHz      VBW 30 kHz      Sweep 22.64 ms (401 pts)

	Freq	dBm	dBc	Intercept
Base Lower	1.85028 GHz	15.25	-0.05	
Base Upper	1.85100 GHz	15.31	0.00	
Worst Case	1.84955 GHz	-16.23	-31.53	31.02 dBm
3rd Order Lower	1.84955 GHz	-16.23	-31.53	31.02 dBm
3rd Order Upper	1.85170 GHz	-16.87	-32.17	31.37 dBm

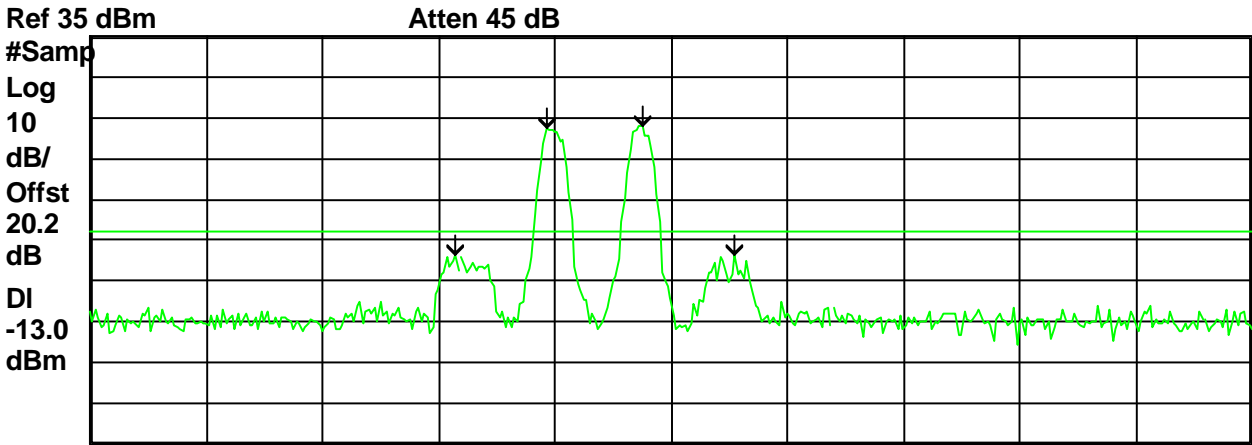




FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Inter-Modulation</b>	
	DNB Job Number: 78117	Date: 11 Jun 2007		<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier Uplink Signal Source - GSM - Input - Hi Band - Upper Edge				

Agilent 18:04:51 Jun 11, 2007




Center 1.91 GHz Span 10 MHz  
 #Res BW 30 kHz VBW 30 kHz Sweep 22.64 ms (401 pts)

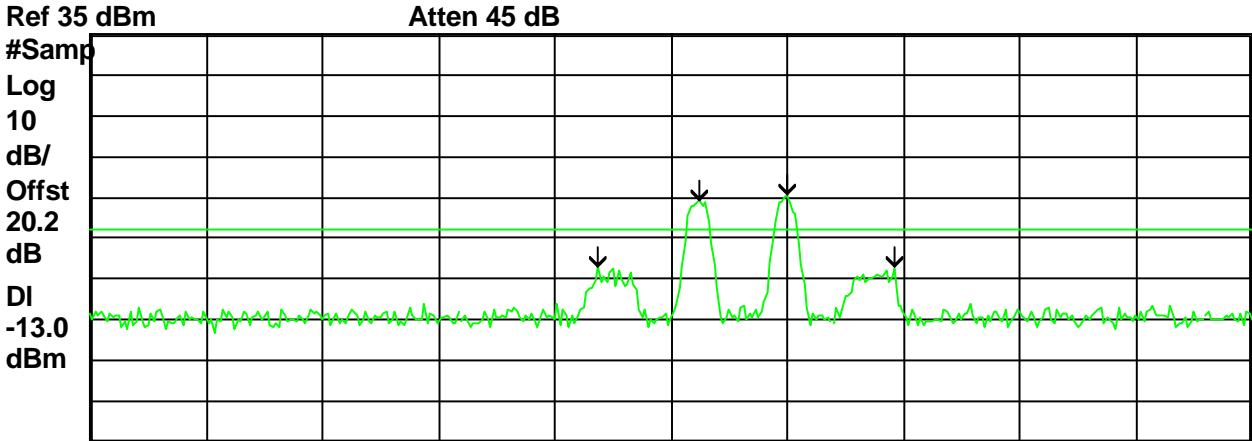
	Freq	dBm	dBc	Intercept
Base Lower	1.90893 GHz	12.62	-0.47	
Base Upper	1.90975 GHz	13.09	0.00	
Worst Case	1.90815 GHz	-18.72	-31.81	28.53 dBm
3rd Order Lower	1.90815 GHz	-18.72	-31.81	28.53 dBm
3rd Order Upper	1.91055 GHz	-18.56	-31.65	28.68 dBm



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Inter-Modulation</b>	
	DNB Job Number: 78117	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier Downlink Signal Source - GSM - Input - Hi Band - Lower Edge				

Agilent 19:25:50 Jun 11, 2007




Center 1.93 GHz Span 10 MHz  
 #Res BW 30 kHz VBW 30 kHz Sweep 22.64 ms (401 pts)

	Freq	dBm	dBc	Intercept
Base Lower	1.93025 GHz	-5.52	-1.04	
Base Upper	1.93100 GHz	-4.48	0.00	
Worst Case	1.92937 GHz	-21.95	-17.47	3.22 dBm
3rd Order Lower	1.92937 GHz	-21.95	-17.47	3.22 dBm
3rd Order Upper	1.93192 GHz	-22.17	-17.69	3.85 dBm



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Inter-Modulation</b>	
	DNB Job Number: 78117	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier Downlink Signal Source - GSM - Input - Hi Band - Upper Edge				

Agilent 19:26:35 Jun 11, 2007




Center 1.99 GHz Span 10 MHz  
 #Res BW 30 kHz VBW 30 kHz Sweep 22.64 ms (401 pts)

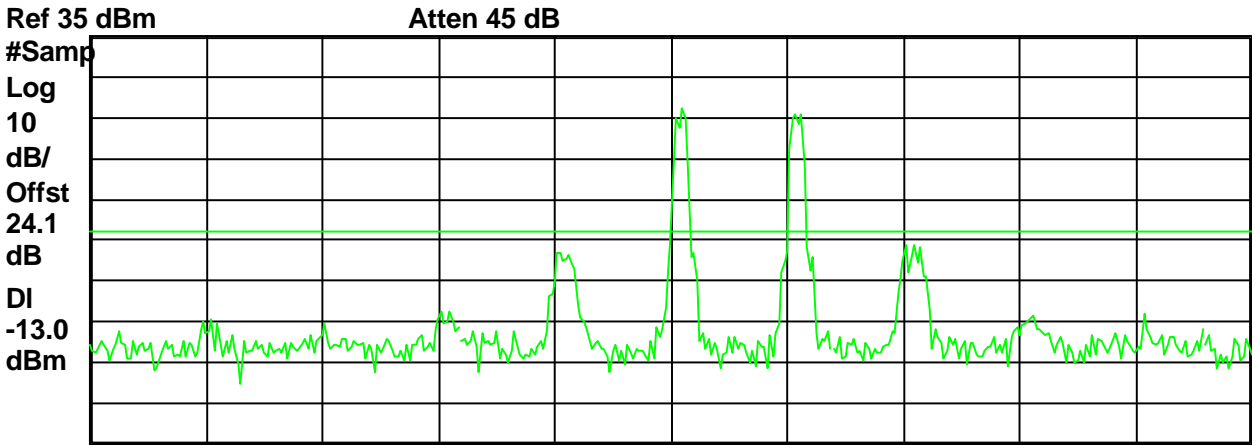
	Freq	dBm	dBc	Intercept
Base Lower	1.98900 GHz	-4.08	0.00	
Base Upper	1.98975 GHz	-4.20	-0.12	
Worst Case	1.98825 GHz	-21.29	-17.21	4.46 dBm
3rd Order Lower	1.98825 GHz	-21.29	-17.21	4.46 dBm
3rd Order Upper	1.99045 GHz	-21.66	-17.58	4.59 dBm



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Inter-Modulation</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier Uplink Signal Source - TDMA – Input – Low Band – Lower Edge				

Agilent 05:42:14 Jun 12, 2007




Center 824 MHz      Span 2.5 MHz  
 #Res BW 3 kHz      VBW 30 kHz      Sweep 440.7 ms (401 pts)

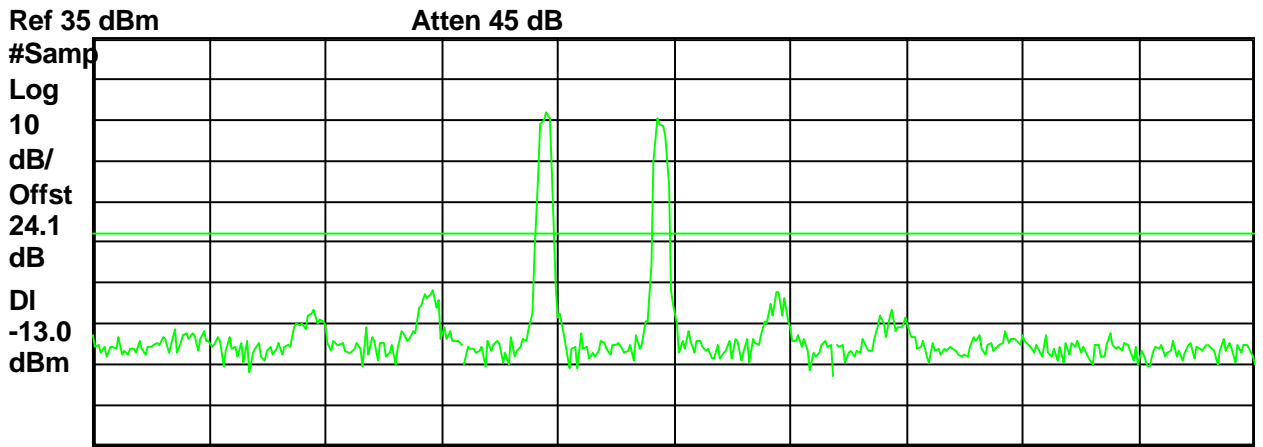
	Freq	dBm	dBc	Intercept
Base Lower	824.025 MHz	17.54	0.00	
Base Upper	824.281 MHz	15.81	-1.73	
Worst Case	824.506 MHz	-16.02	-33.56	32.59 dBm
3rd Order Lower	823.762 MHz	-18.17	-35.70	34.52 dBm
3rd Order Upper	824.506 MHz	-16.02	-33.56	32.59 dBm



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Inter-Modulation</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier Uplink Signal Source - TDMA – Input – Low Band – Upper Edge				

Agilent 05:43:32 Jun 12, 2007




Center 849 MHz      Span 2.5 MHz  
 #Res BW 3 kHz      VBW 30 kHz      Sweep 440.7 ms (401 pts)

	Freq	dBm	dBc	Intercept
Base Lower	848.725 MHz	16.88	0.00	
Base Upper	848.963 MHz	15.38	-1.50	
Worst Case	849.225 MHz	-27.28	-44.15	37.45 dBm
3rd Order Lower	848.481 MHz	-26.78	-43.66	37.95 dBm
3rd Order Upper	849.225 MHz	-27.28	-44.15	37.45 dBm



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Inter-Modulation</b>	
DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Downlink		
	Signal Source - TDMA – Input – Low Band – Lower Edge		
<b>Conformance Standards</b>			
[X] IC RSS-131			
[X] FCC Part 22			
[X] FCC Part 24			


Agilent 06:10:07 Jun 12, 2007



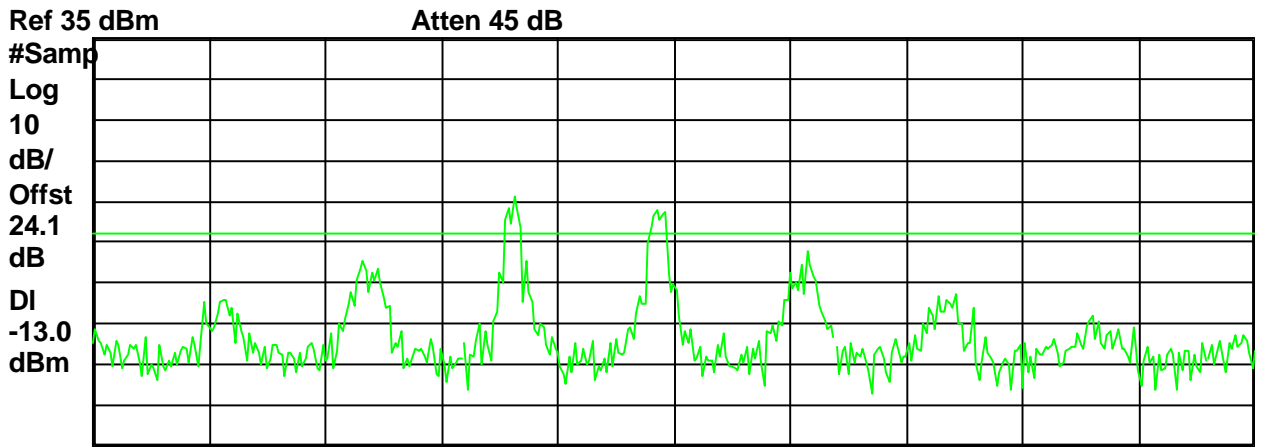
	Freq	dBm	dBc	Intercept
Base Lower	869.030 MHz	-5.08	-0.22	
Base Upper	869.280 MHz	-4.86	0.00	
Worst Case	868.775 MHz	-17.92	-13.06	1.45 dBm
3rd Order Lower	868.775 MHz	-17.92	-13.06	1.45 dBm
3rd Order Upper	869.525 MHz	-20.50	-15.64	2.85 dBm



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Inter-Modulation</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier Downlink Signal Source - TDMA – Input – Low Band – Upper Edge				

Agilent 06:11:04 Jun 12, 2007




Center 894 MHz      Span 2 MHz  
 #Res BW 3 kHz      VBW 30 kHz      Sweep 352.5 ms (401 pts)

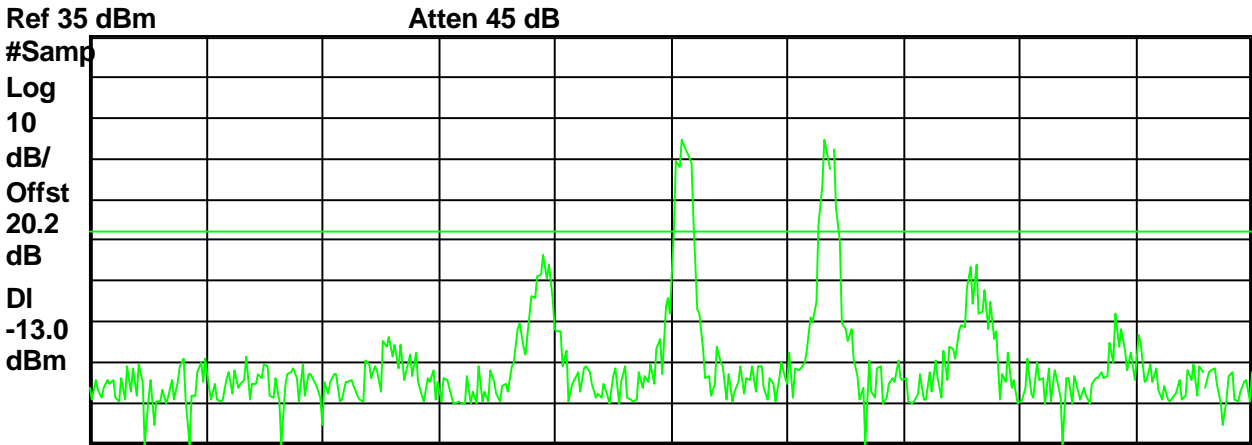
	Freq	dBm	dBc	Intercept
Base Lower	893.725 MHz	-3.83	0.00	
Base Upper	893.970 MHz	-6.96	-3.13	
Worst Case	894.230 MHz	-17.17	-13.34	-0.29 dBm
3rd Order Lower	893.465 MHz	-19.33	-15.50	2.36 dBm
3rd Order Upper	894.230 MHz	-17.17	-13.34	-0.29 dBm



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Inter-Modulation</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier Uplink Signal Source - TDMA – Input – Hi Band – Lower Edge				

Agilent 06:33:31 Jun 12, 2007




Center 1.85 GHz Span 2 MHz  
 #Res BW 3 kHz VBW 3 kHz Sweep 452.7 ms (401 pts)

	Freq	dBm	dBc	Intercept
Base Lower	1.85002 GHz	9.61	-0.14	
Base Upper	1.85026 GHz	9.74	0.00	
Worst Case	1.84978 GHz	-18.51	-28.26	23.74 dBm
3rd Order Lower	1.84978 GHz	-18.51	-28.26	23.74 dBm
3rd Order Upper	1.85053 GHz	-21.13	-30.87	25.11 dBm

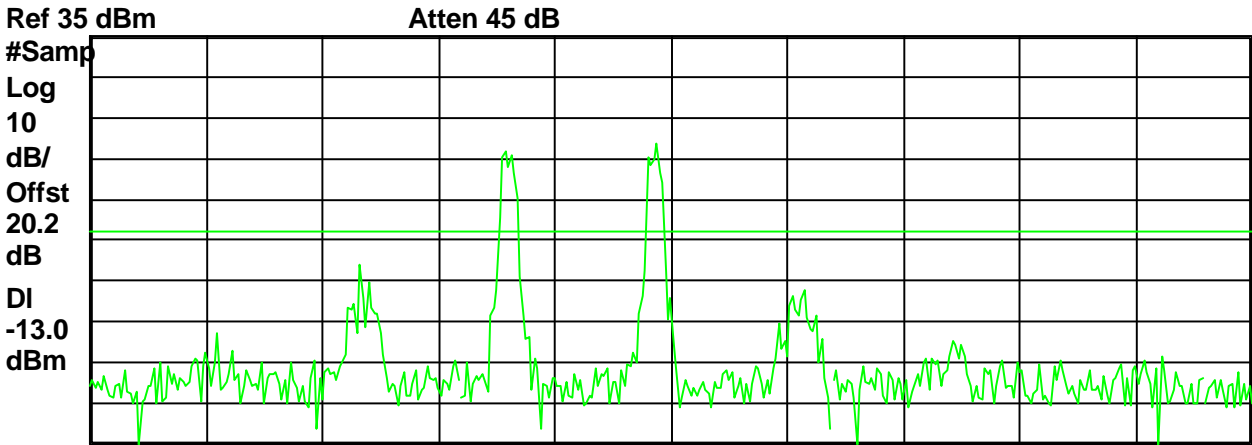




FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Inter-Modulation</b>	
DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Uplink		
	Signal Source - TDMA – Input – Hi Band – Upper Edge		
<b>Conformance Standards</b>			
[X] IC RSS-131			
[X] FCC Part 22			
[X] FCC Part 24			

Agilent 06:34:27 Jun 12, 2007




Center 1.91 GHz      Span 2 MHz  
 #Res BW 3 kHz      VBW 3 kHz      Sweep 452.7 ms (401 pts)

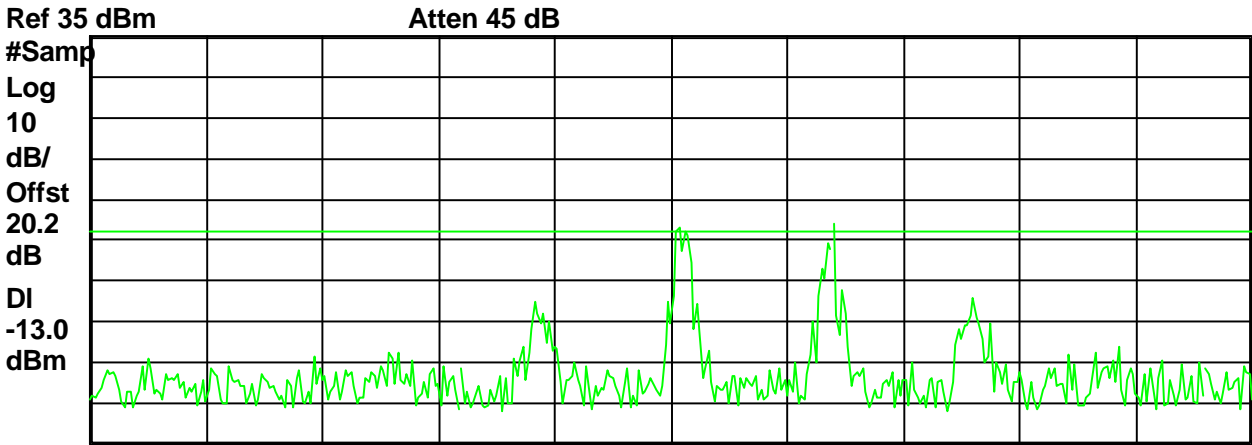
	Freq	dBm	dBc	Intercept
Base Lower	1.90971 GHz	6.98	-1.59	
Base Upper	1.90998 GHz	8.57	0.00	
Worst Case	1.90947 GHz	-20.79	-29.36	21.66 dBm
3rd Order Lower	1.90947 GHz	-20.79	-29.36	21.66 dBm
3rd Order Upper	1.91023 GHz	-26.99	-35.56	25.55 dBm



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Inter-Modulation</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier Downlink Signal Source - TDMA – Input – Hi Band – Lower Edge				

Agilent 07:36:07 Jun 12, 2007




Center 1.93 GHz  
 #Res BW 3 kHz  
 VBW 3 kHz  
 Sweep 452.7 ms (401 pts)  
 Span 2 MHz

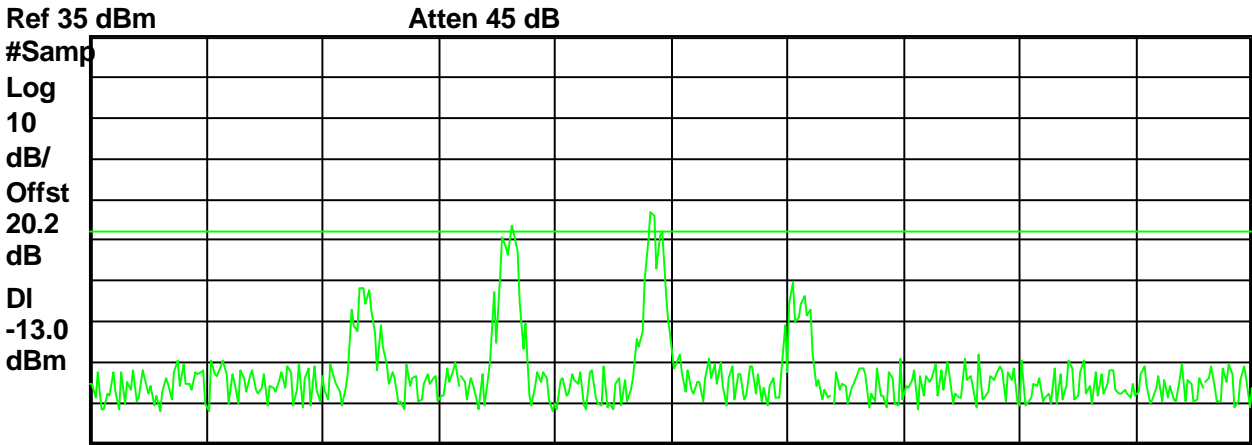
	Freq	dBm	dBc	Intercept
Base Lower	1.93002 GHz	-11.95	-0.93	
Base Upper	1.93028 GHz	-11.02	0.00	
Worst Case	1.92976 GHz	-29.89	-18.87	-2.52 dBm
3rd Order Lower	1.92976 GHz	-29.89	-18.87	-2.52 dBm
3rd Order Upper	1.93052 GHz	-29.18	-18.16	-2.41 dBm



FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Inter-Modulation</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier Downlink Signal Source - TDMA – Input – Hi Band – Upper Edge				

Agilent 07:37:20 Jun 12, 2007



Center 1.99 GHz      Span 2 MHz  
 #Res BW 3 kHz      VBW 3 kHz      Sweep 452.7 ms (401 pts)

	Freq	dBm	dBc	Intercept
Base Lower	1.98972 GHz	-11.60	-3.49	
Base Upper	1.98997 GHz	-8.10	0.00	
Worst Case	1.98947 GHz	-26.72	-18.61	-2.29 dBm
3rd Order Lower	1.98947 GHz	-26.72	-18.61	-2.29 dBm
3rd Order Upper	1.99021 GHz	-25.23	-17.13	-1.29 dBm



**2.1051 Spurious Emissions at Antenna Terminals (IC RSS-131 Clause 4.4)**

---

Definition:

Conducted Spurious Emissions are emissions at the antenna terminals on a frequency or frequencies which are outside an occupied band sufficient to ensure transmission of information of required quality for the class of communication desired. The reduction in the level of these spurious emissions will not affect the quality of the information being transmitted.

Conducted Spurious Emissions shall be attenuated below the maximum level of the carrier frequency in accordance with the following formula:

$$-13\text{dB} = \text{Measured Power} - (43 + 10 \log_{10}(\text{Rated Power}))$$

Test Method: Per EIA RS 152-B, Paragraph 4 as modified below.

Connect the equipment as shown in FIGURE 1.


Adjust the drive source to produce FM modulation. Adjust the Spectrum Analyzer to display the Modulated Carrier.

Scan the frequency spectrum from the lowest radio frequency generated in the equipment through the 10<sup>th</sup> harmonic of the carrier frequency.

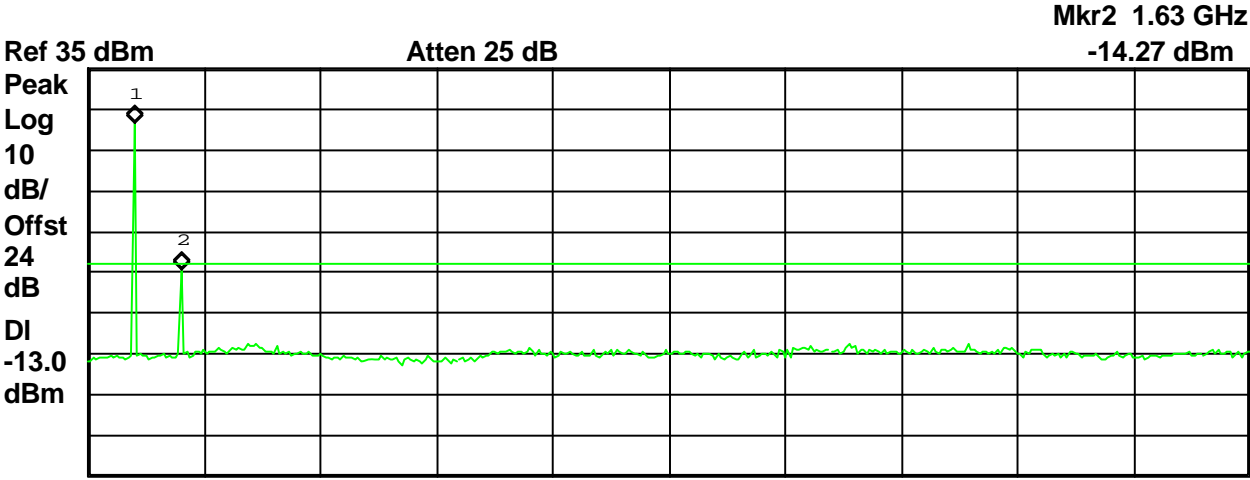
Test Results: See Plots

All spurious emissions at the antenna terminals are below the IC/FCC specifications

Figure 7: Conducted Spurious Emissions at Antenna Terminals, Uplink.


	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Antenna Conducted Spurious</b>	
	DNB Job Number: 78117	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Uplink GSM 824.200 MHz				

Agilent 17:25:52 Jun 11, 2007



Marker	Trace	Type	X Axis	Amplitude
1	(1)	Freq	830 MHz	21.71 dBm
2	(1)	Freq	1.63 GHz	-14.27 dBm

Figure 7: Conducted Spurious Emissions at Antenna Terminals, Uplink.


	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Antenna Conducted Spurious</b>	
	DNB Job Number: 78117	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Uplink GSM 836.5 MHz				

Agilent 17:26:52 Jun 11, 2007

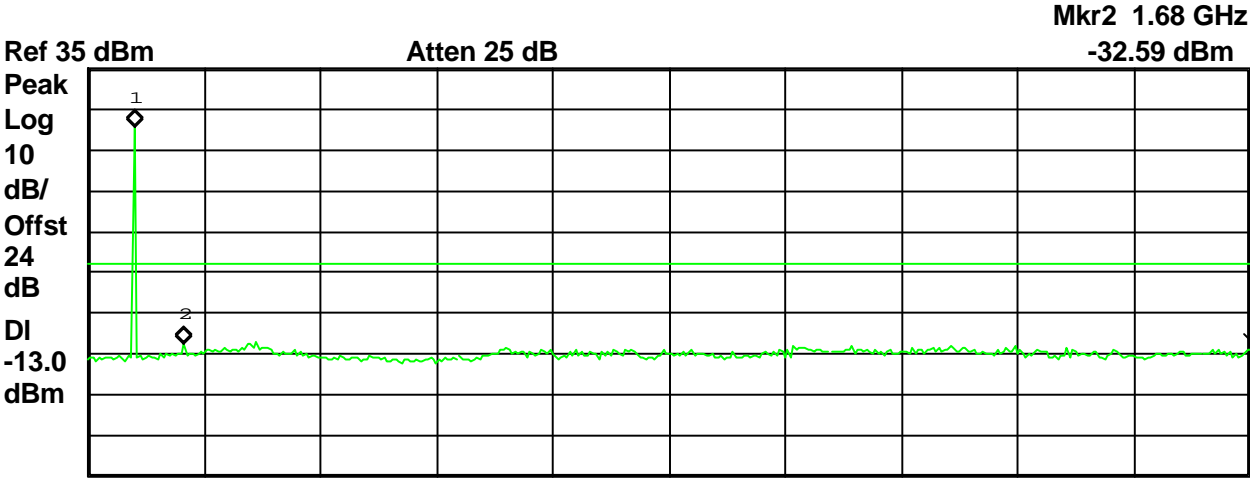


Marker	Trace	Type	X Axis	Amplitude
1	(1)	Freq	830 MHz	24.04 dBm
2	(1)	Freq	1.68 GHz	-14.57 dBm

Figure 7: Conducted Spurious Emissions at Antenna Terminals, Uplink.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Antenna Conducted Spurious</b>	
	DNB Job Number: 78117	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Uplink GSM 848.800 MHz				

Agilent 17:28:27 Jun 11, 2007




Start 30 MHz Stop 20 GHz  
 #Res BW 30 kHz VBW 300 kHz Sweep 22.26 s (401 pts)

Marker	Trace	Type	X Axis	Amplitude
1	(1)	Freq	830 MHz	20.74 dBm
2	(1)	Freq	1.68 GHz	-32.59 dBm

--

Figure 7: Conducted Spurious Emissions at Antenna Terminals, Uplink.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Antenna Conducted Spurious</b>	
	DNB Job Number: 78117	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Uplink GSM 1850.200 MHz				

Agilent 18:06:29 Jun 11, 2007

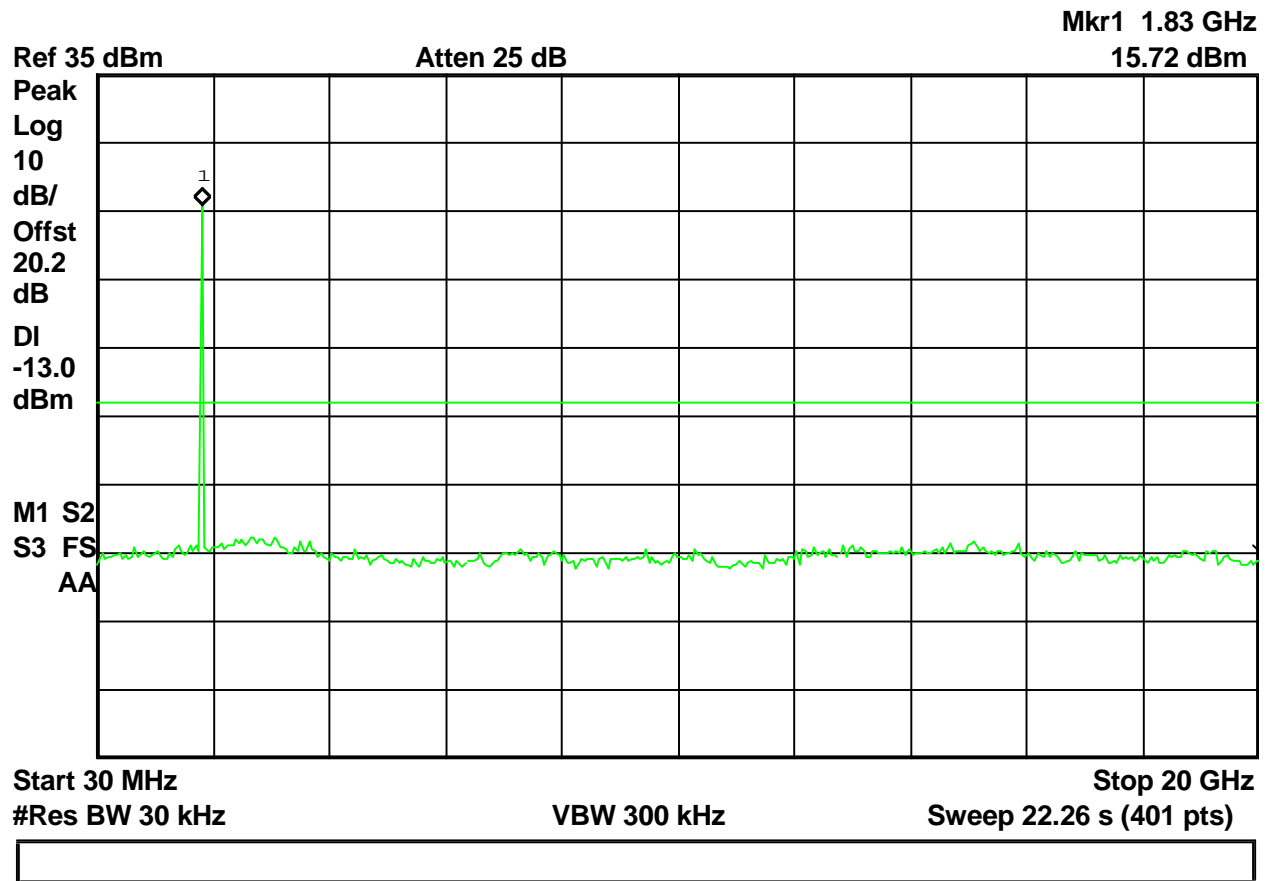





Figure 7: Conducted Spurious Emissions at Antenna Terminals, Uplink.

		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h3>Antenna Conducted Spurious</h3>	
DNB Job Number:	78117	Date:	11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer:	Janizary Holdings, Inc.				
Model Number:	DBSW819				
Description:	RF amplifier				
	Uplink GSM 1880 MHz				

Agilent 18:07:31 Jun 11, 2007

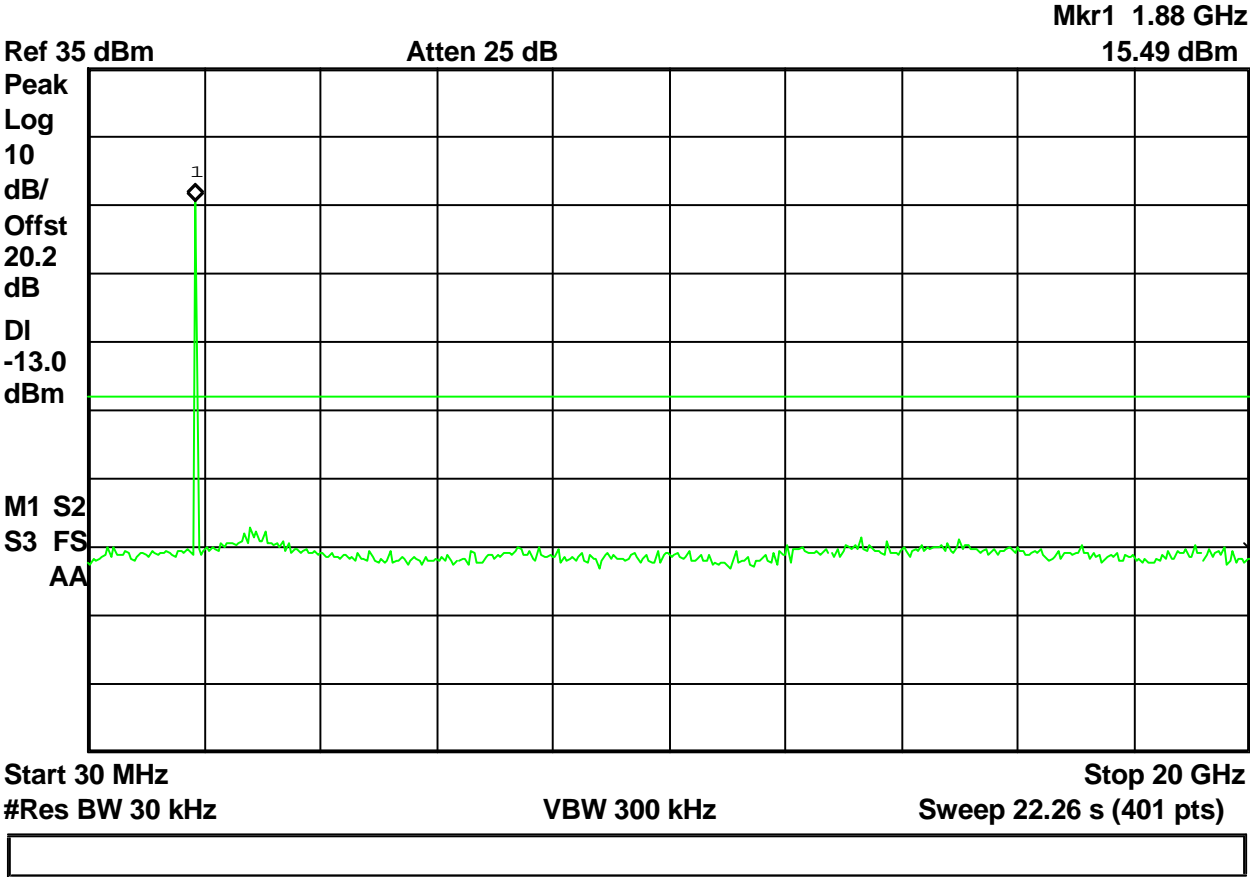



Figure 7: Conducted Spurious Emissions at Antenna Terminals, Uplink.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Antenna Conducted Spurious</b>	
DNB Job Number:	78117	Date:	11 Jun 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Uplink GSM 1909.800 MHz		
<b>Conformance Standards</b>			
[X] IC RSS-131			
[X] FCC Part 22			
[X] FCC Part 24			

Agilent 18:08:30 Jun 11, 2007

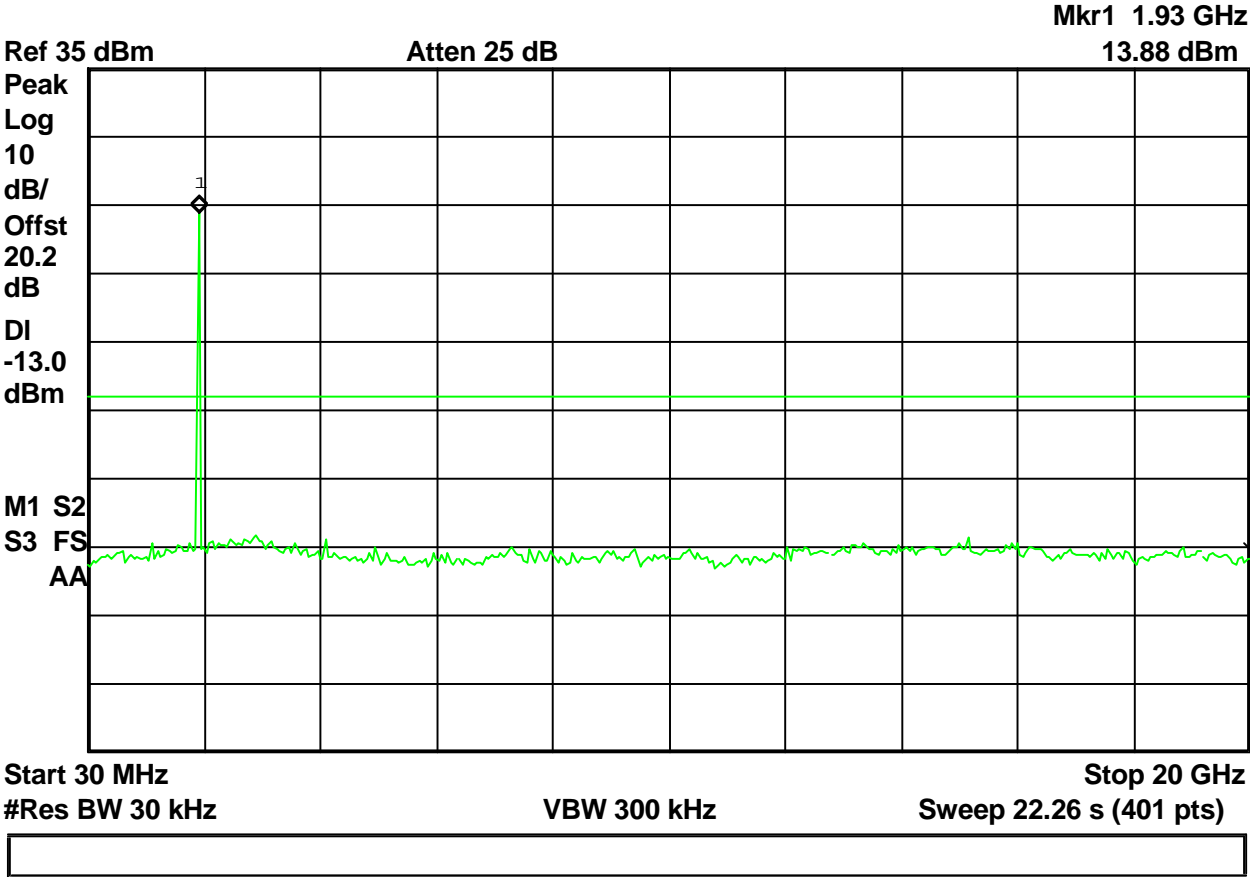

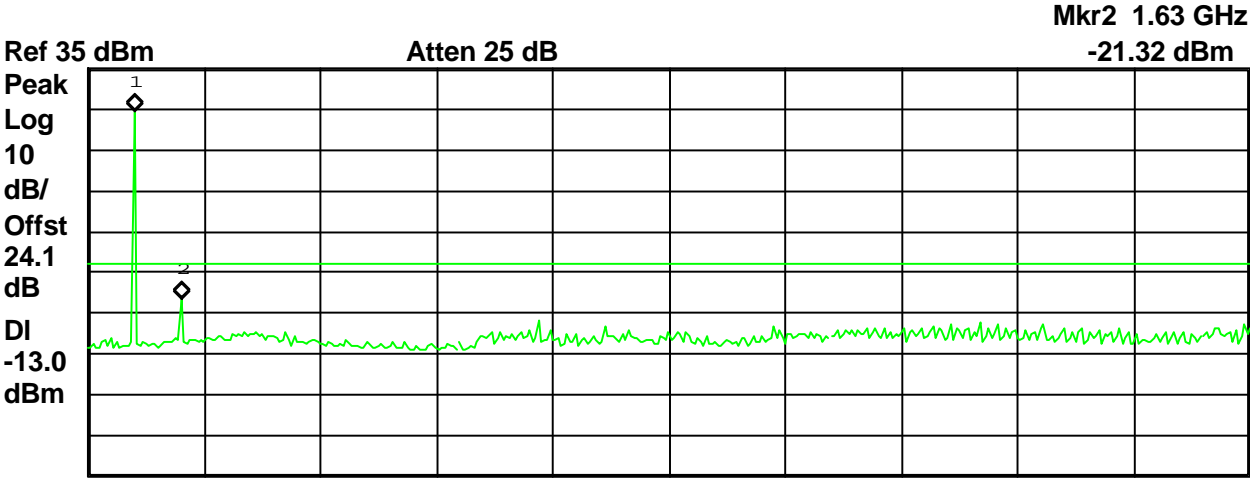


Figure 7: Conducted Spurious Emissions at Antenna Terminals, Uplink.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Antenna Conducted Spurious</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Uplink TDMA 824.025 MHz				


Agilent 05:48:54 Jun 12, 2007



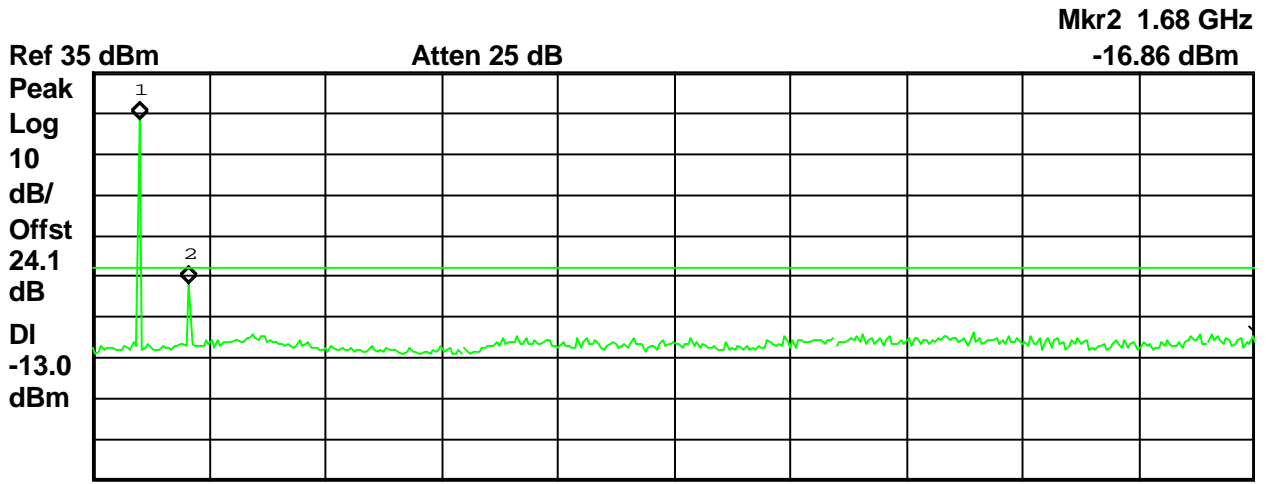
Start 30 MHz #Res BW 100 kHz VBW 300 kHz Sweep 2.069 s (401 pts) Stop 20 GHz

Marker	Trace	Type	X Axis	Amplitude
1	(1)	Freq	830 MHz	24.35 dBm
2	(1)	Freq	1.63 GHz	-21.32 dBm

Figure 7: Conducted Spurious Emissions at Antenna Terminals, Uplink.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Antenna Conducted Spurious</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Uplink TDMA 836.5 MHz				


Agilent 05:49:45 Jun 12, 2007



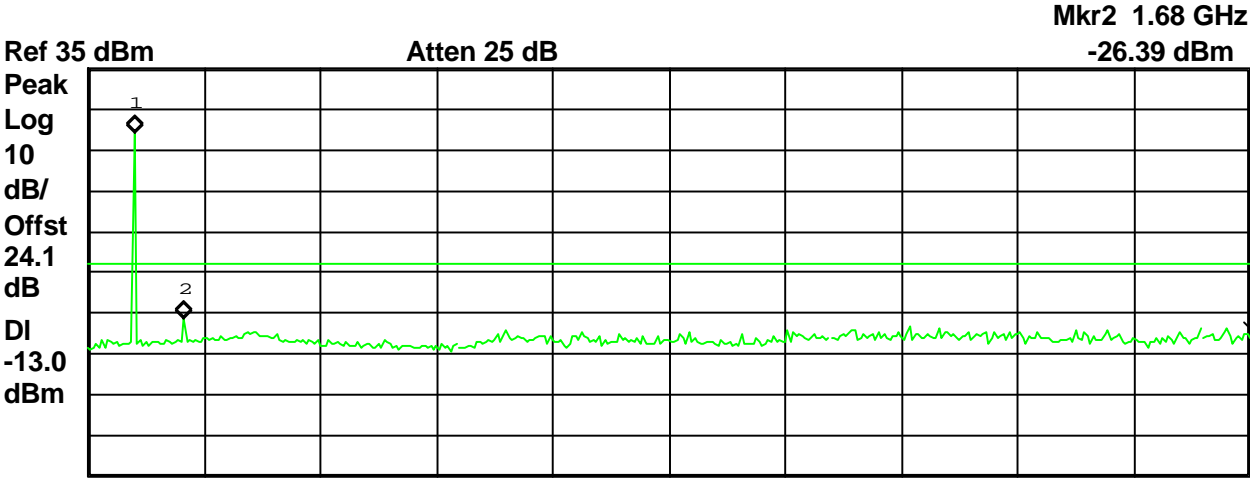
Start 30 MHz Stop 20 GHz  
 #Res BW 100 kHz VBW 300 kHz Sweep 2.069 s (401 pts)

Marker	Trace	Type	X Axis	Amplitude
1	(1)	Freq	830 MHz	23.72 dBm
2	(1)	Freq	1.68 GHz	-16.86 dBm

Figure 7: Conducted Spurious Emissions at Antenna Terminals, Uplink.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Antenna Conducted Spurious</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Uplink TDMA 848.975 MHz				

Agilent 05:50:40 Jun 12, 2007



Start 30 MHz Stop 20 GHz  
 #Res BW 100 kHz VBW 300 kHz Sweep 2.069 s (401 pts)

Marker	Trace	Type	X Axis	Amplitude
1	(1)	Freq	830 MHz	19.09 dBm
2	(1)	Freq	1.68 GHz	-26.39 dBm

--

Figure 7: Conducted Spurious Emissions at Antenna Terminals, Uplink.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Antenna Conducted Spurious</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Uplink TDMA 1850.025 MHz				

Agilent 06:37:12 Jun 12, 2007

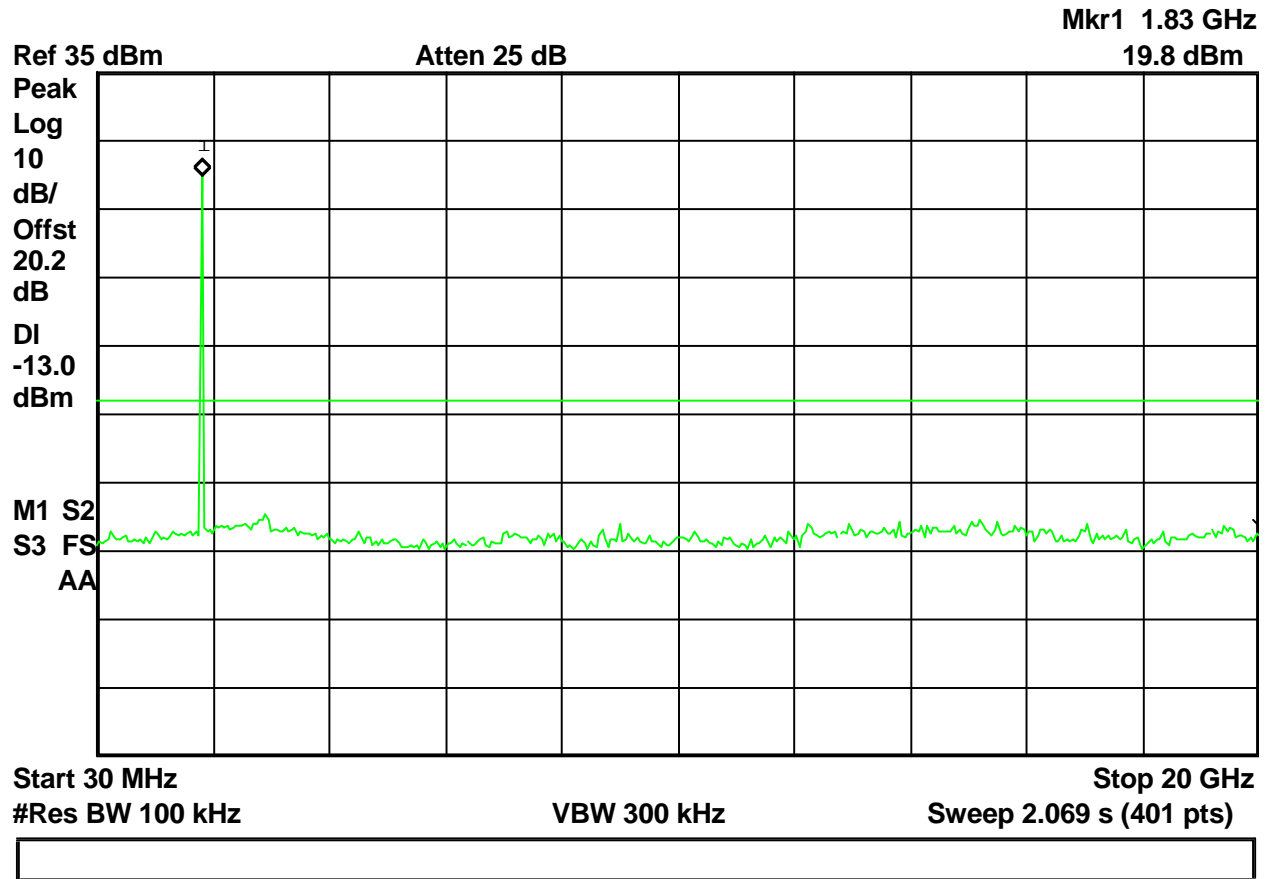



Figure 7: Conducted Spurious Emissions at Antenna Terminals, Uplink.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Antenna Conducted Spurious</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Uplink TDMA 1880 MHz				

Agilent 06:37:50 Jun 12, 2007

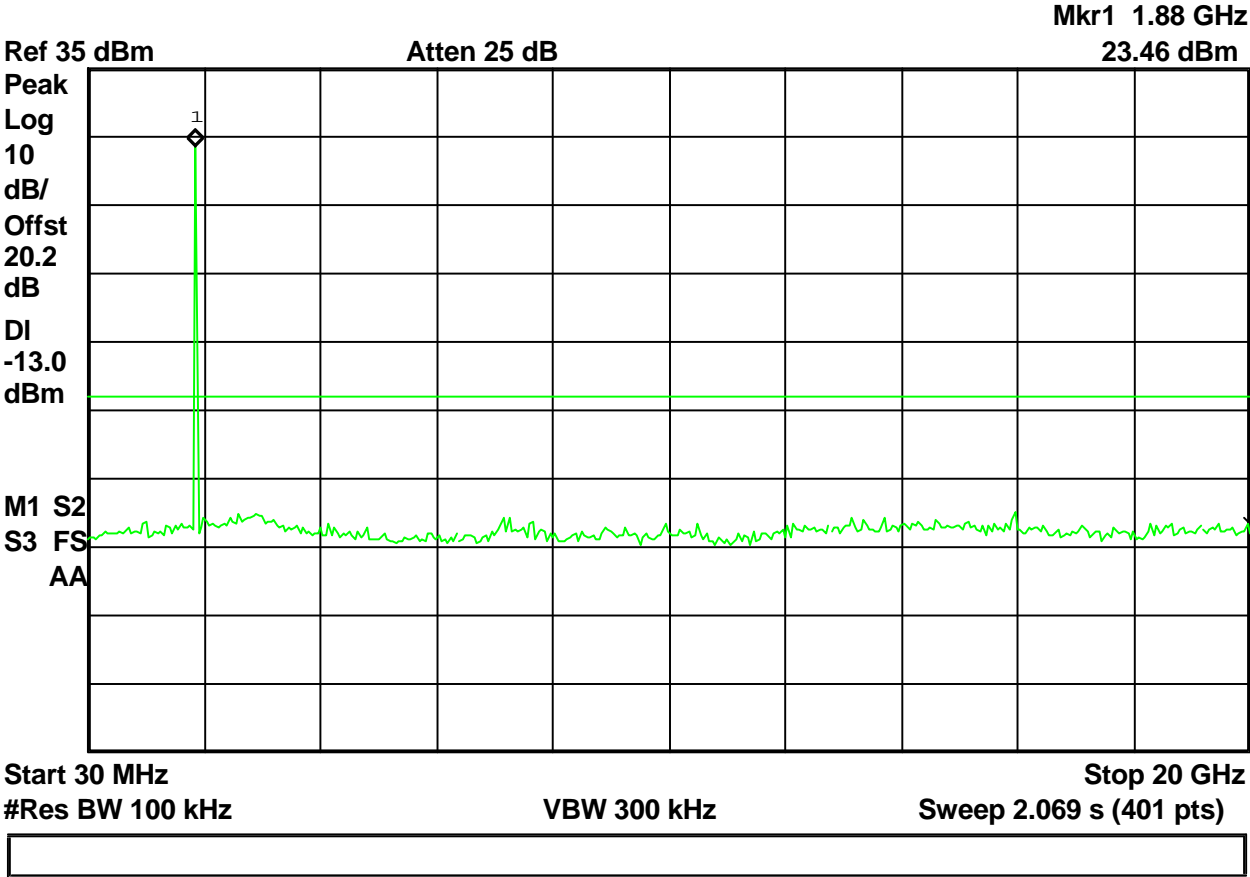



Figure 7: Conducted Spurious Emissions at Antenna Terminals, Uplink.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Antenna Conducted Spurious</b>	
	DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.			<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Model Number:	DBSW819			
Description:	RF amplifier			
	Uplink TDMA 1909.975 MHz			

Agilent 06:38:55 Jun 12, 2007

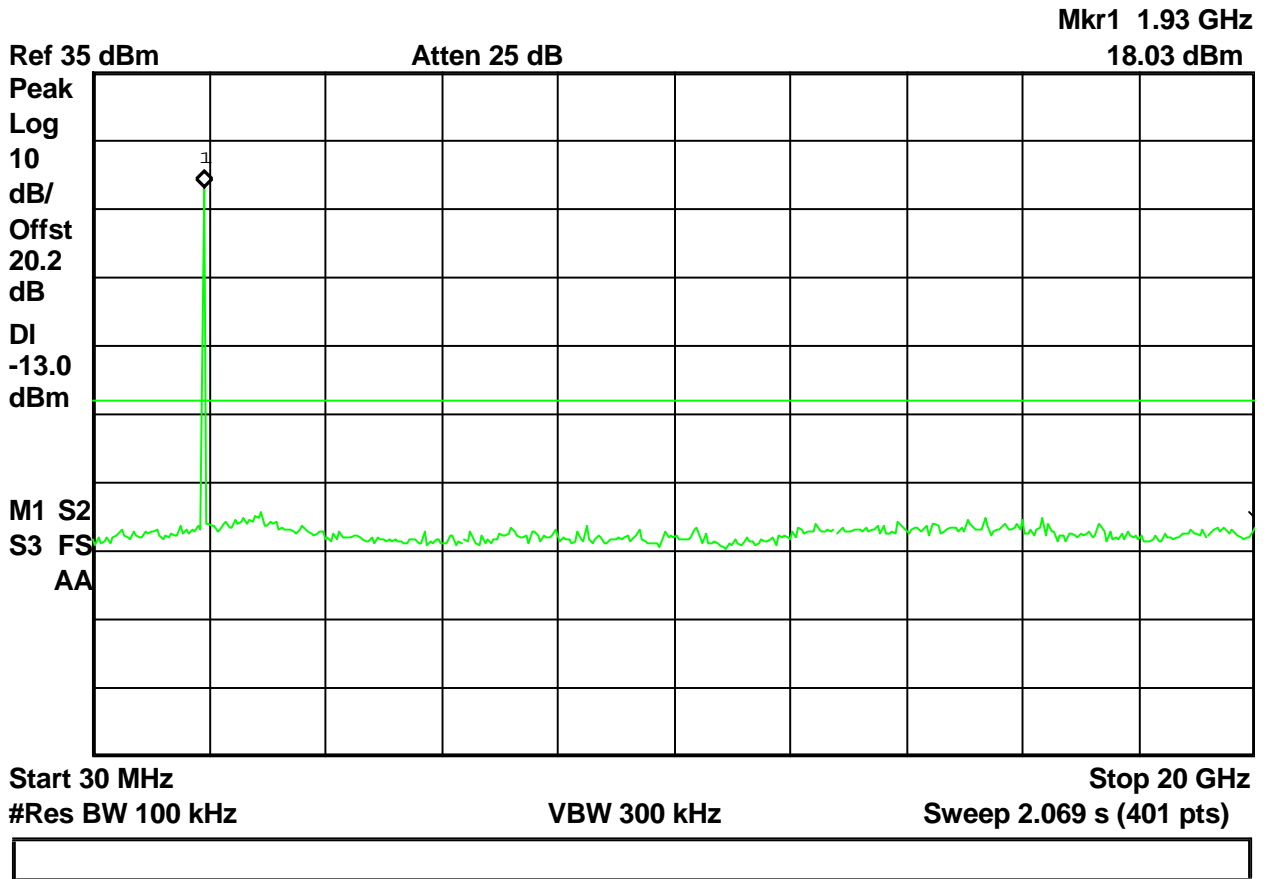





Figure 7: Conducted Spurious Emissions at Antenna Terminals, Uplink.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Antenna Conducted Spurious</b>	
DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Uplink CDMA 1851 MHz		
		<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

\* Agilent 08:44:30 Jun 12, 2007

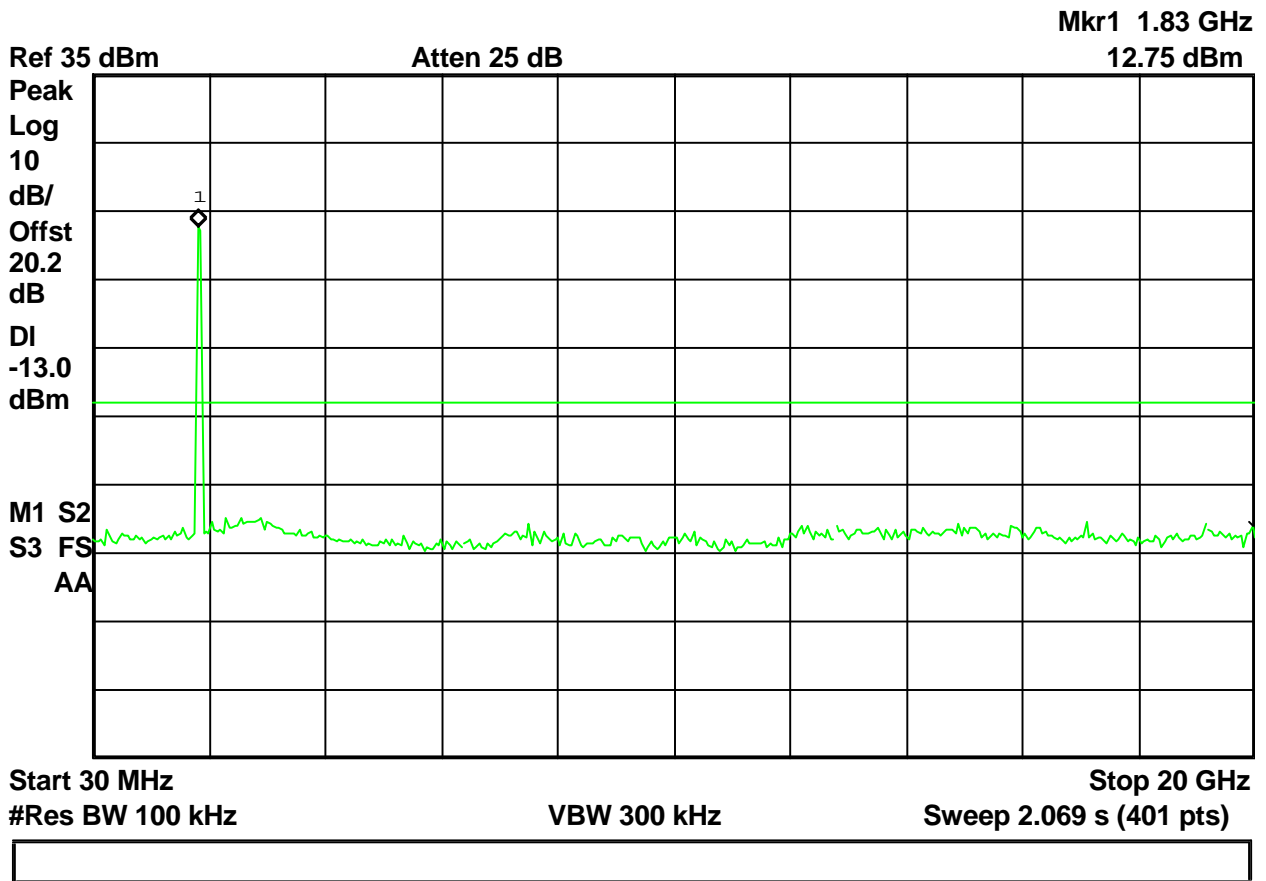



Figure 7: Conducted Spurious Emissions at Antenna Terminals, Uplink.

		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Antenna Conducted Spurious</b>	
DNB Job Number: 78117		Date: 12 Jun 2007		<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.					
Model Number: DBSW819					
Description: RF amplifier					
		Uplink CDMA 1880 MHz			

Agilent 08:45:00 Jun 12, 2007

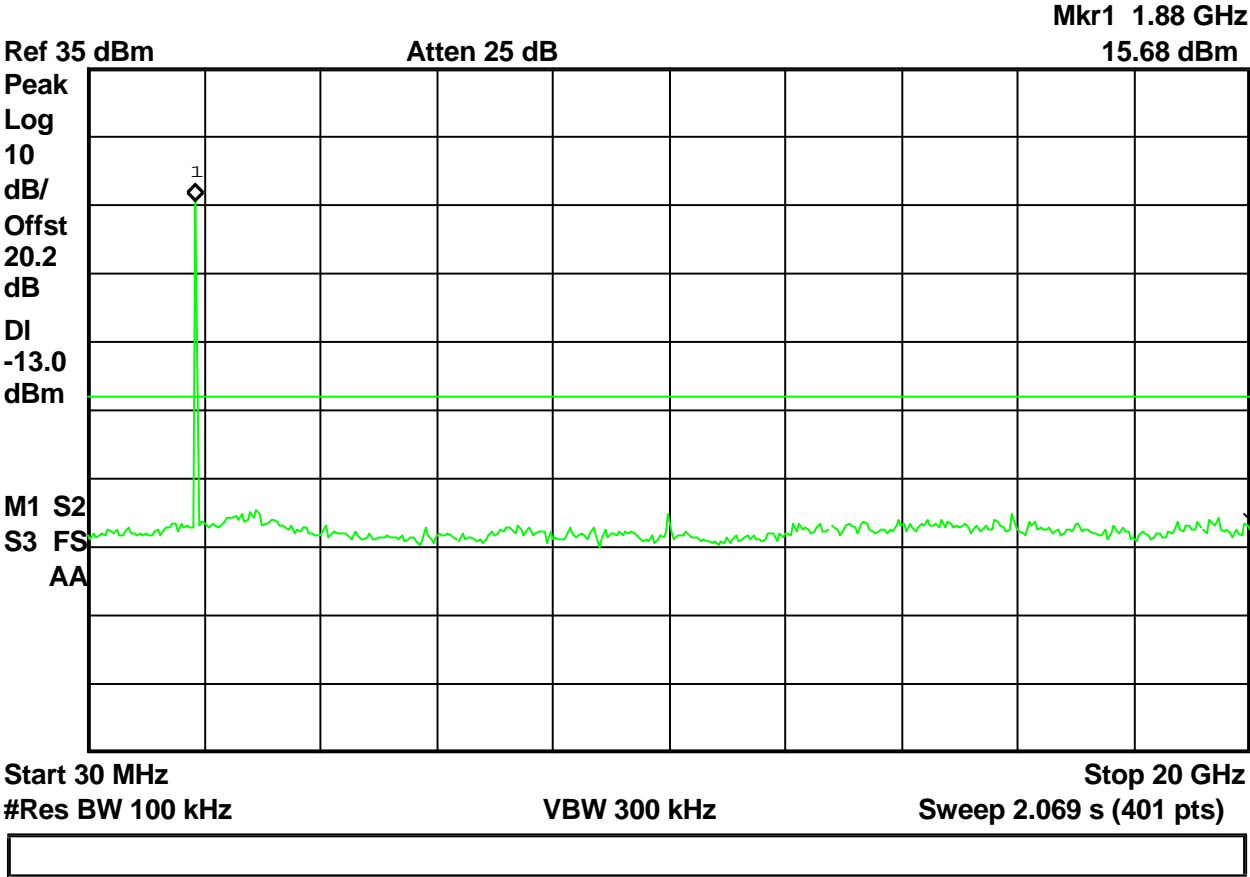



Figure 7: Conducted Spurious Emissions at Antenna Terminals, Uplink.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Antenna Conducted Spurious</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Uplink CDMA 1909 MHz				

Agilent 08:45:29 Jun 12, 2007

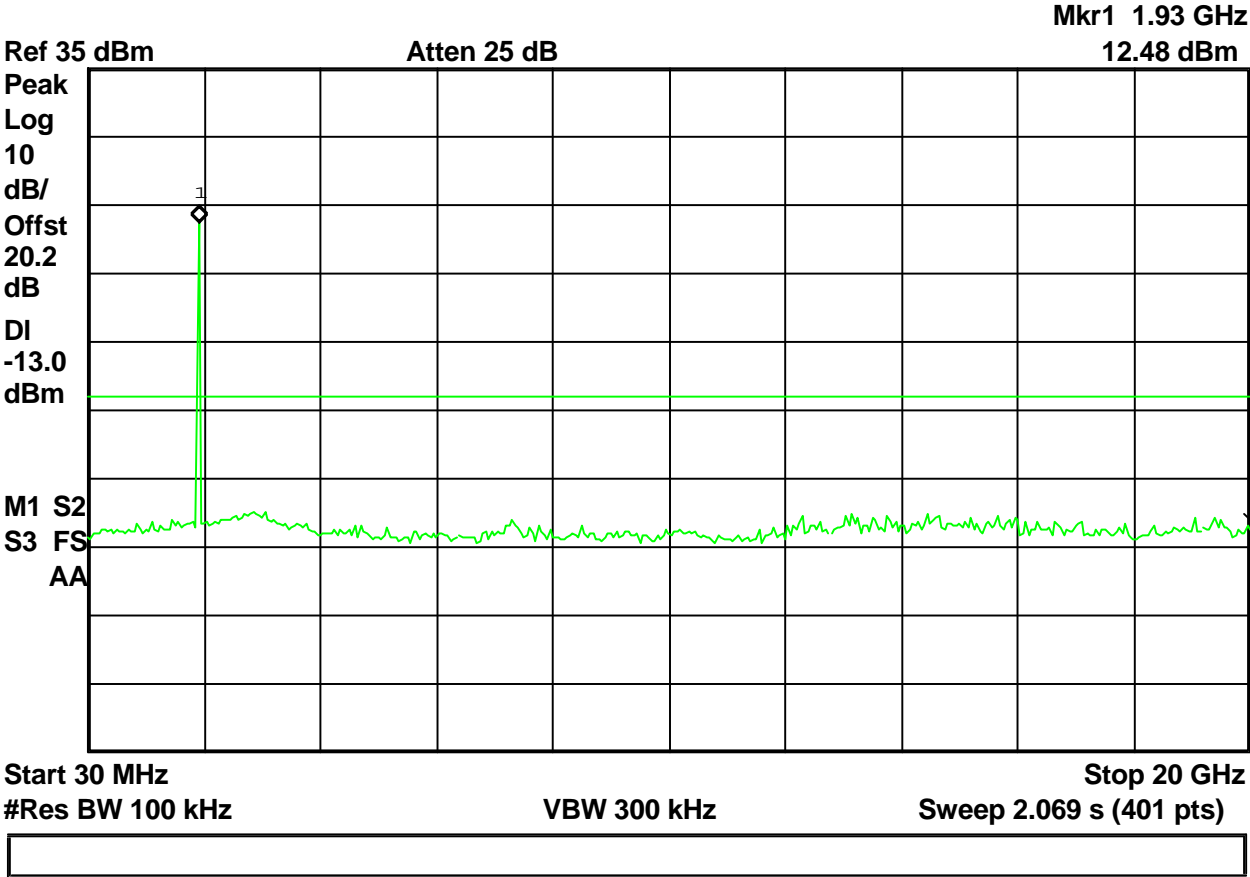



Figure 7: Conducted Spurious Emissions at Antenna Terminals, Downlink.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Antenna Conducted Spurious</b>	
DNB Job Number:	78117	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier  Downlink GSM 869.200 MHz		

Agilent 17:49:33 Jun 11, 2007

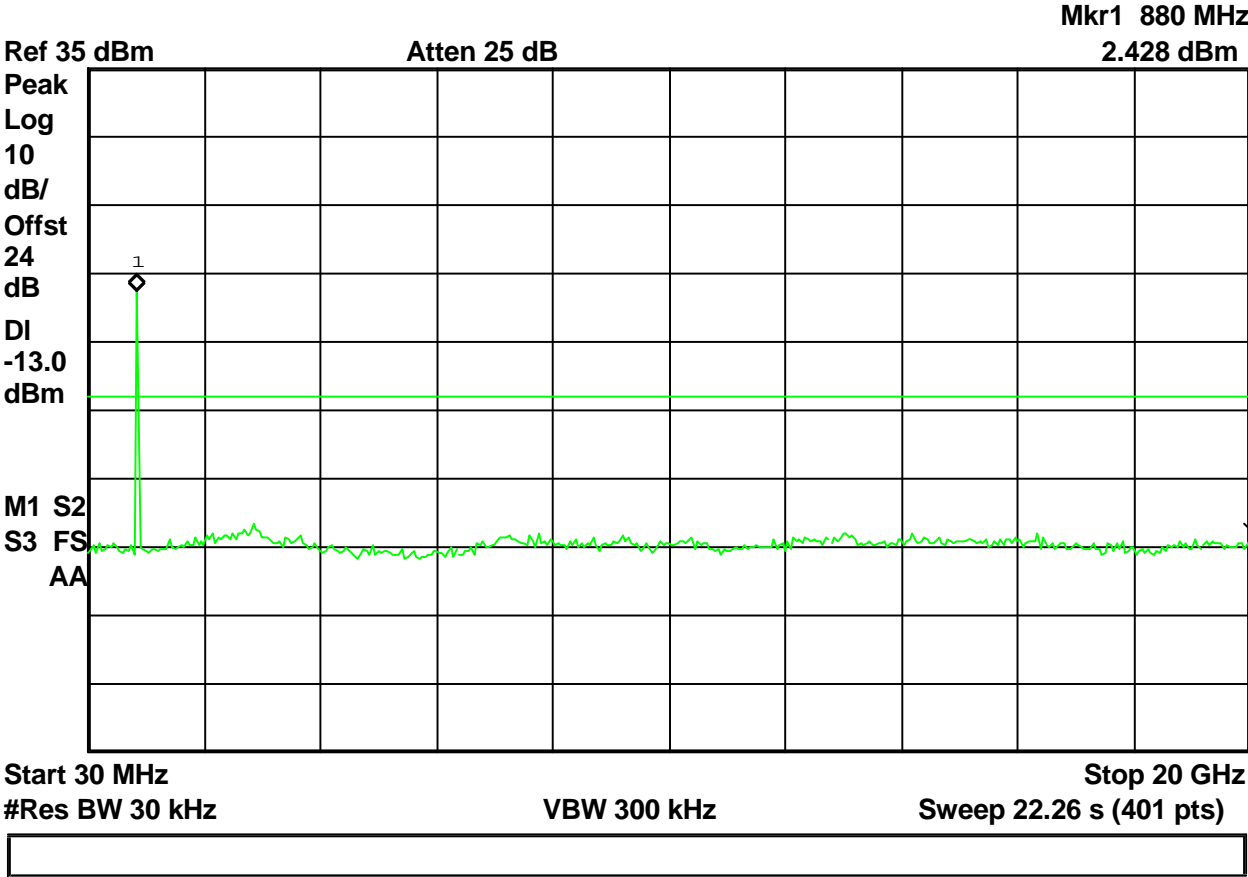



Figure 7: Conducted Spurious Emissions at Antenna Terminals, Downlink.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Antenna Conducted Spurious</b>	
DNB Job Number:	78117	Date:	11 Jun 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Downlink GSM 881.5 MHz		
<b>Conformance Standards</b>			
[X] IC RSS-131			
[X] FCC Part 22			
[X] FCC Part 24			

Agilent 17:50:39 Jun 11, 2007

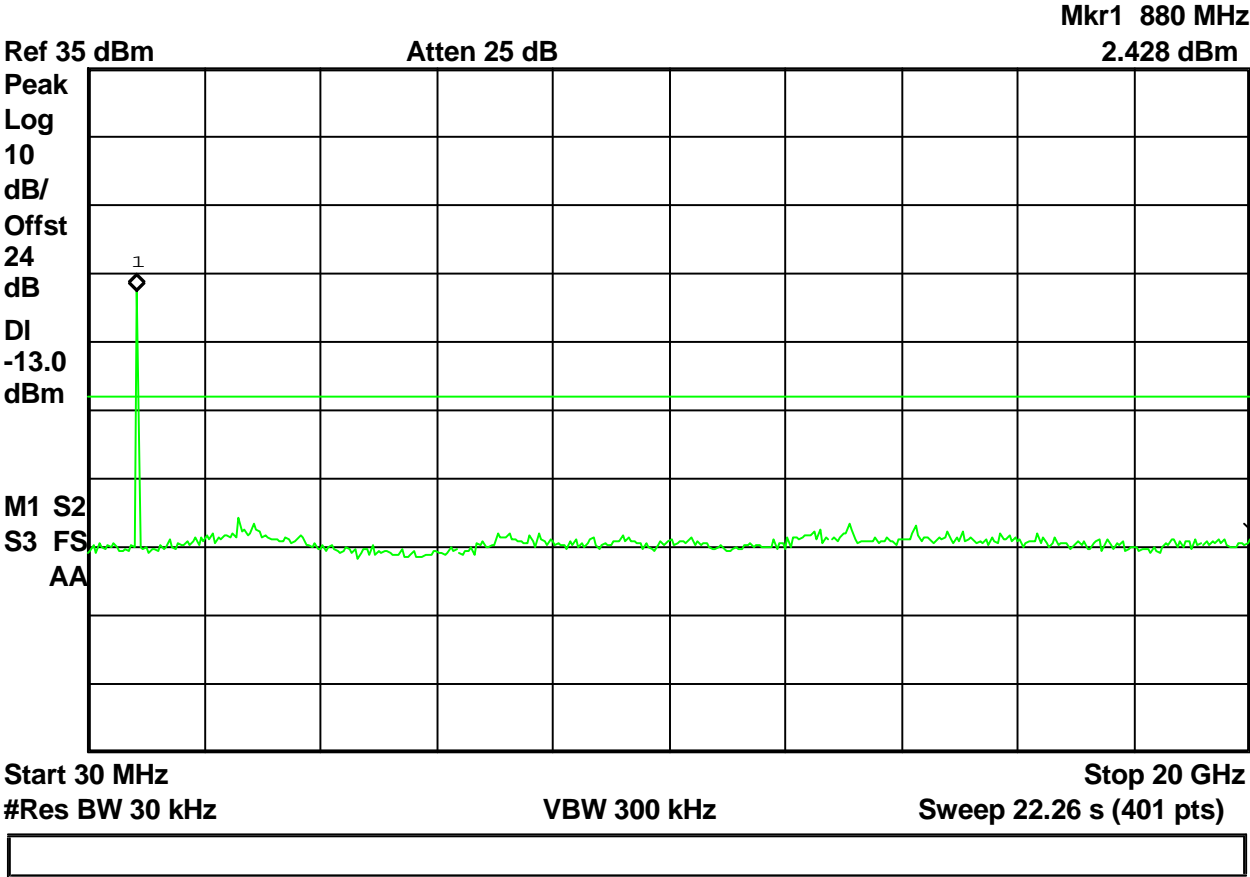



Figure 7: Conducted Spurious Emissions at Antenna Terminals, Downlink.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Antenna Conducted Spurious</b>	
	DNB Job Number: 78117	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Downlink GSM 893.800 MHz				

Agilent 17:51:34 Jun 11, 2007

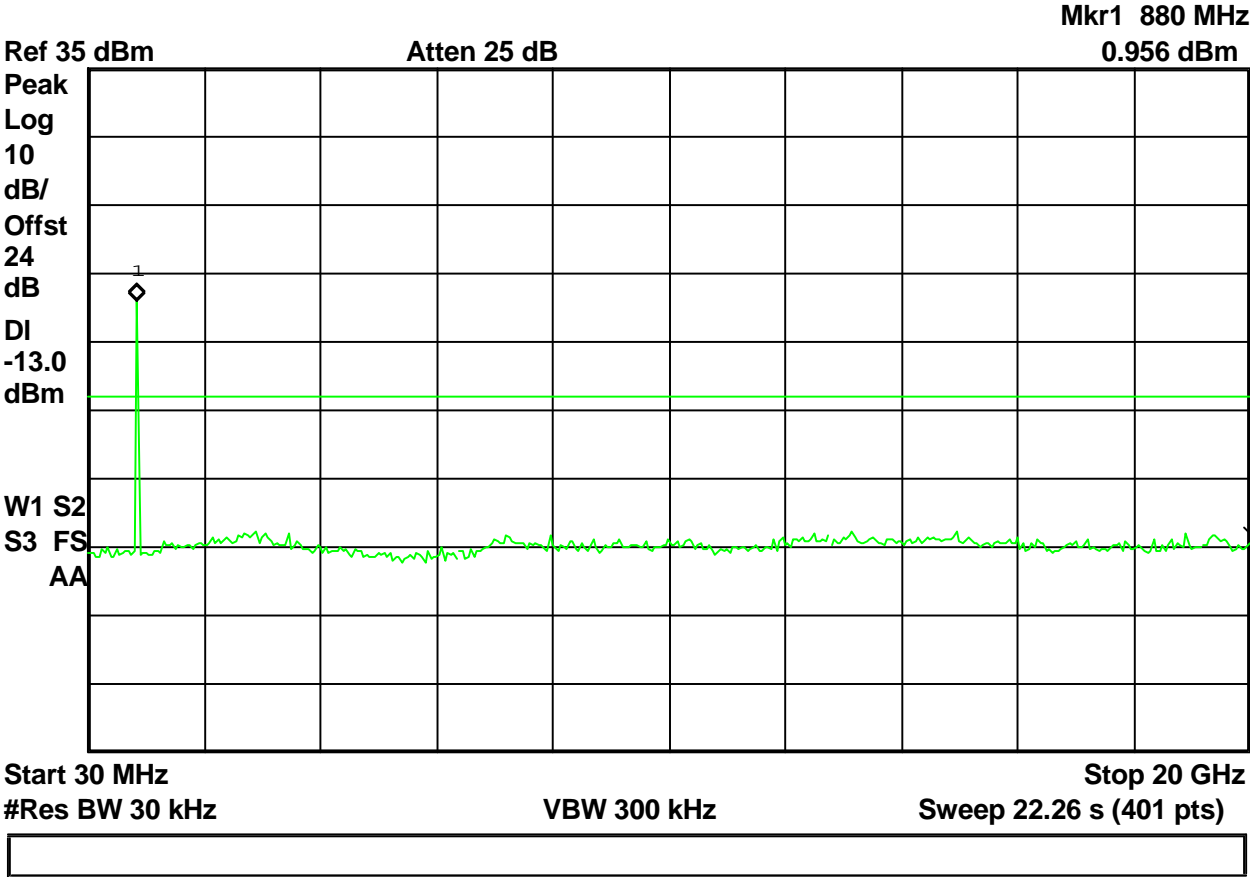



Figure 7: Conducted Spurious Emissions at Antenna Terminals, Downlink.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Antenna Conducted Spurious</b>	
	DNB Job Number: 78117	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Downlink GSM 1930.200 MHz				

Agilent 19:28:10 Jun 11, 2007

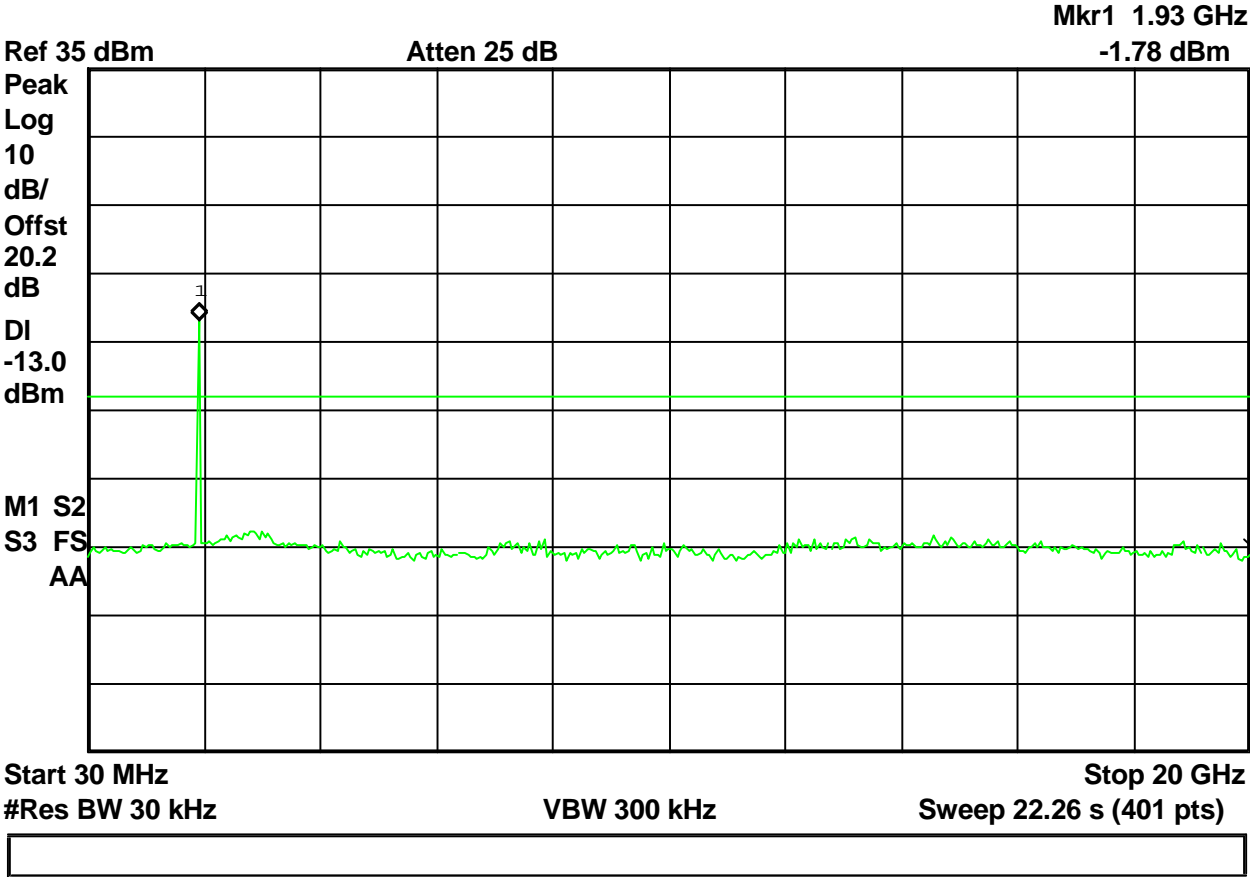



Figure 7: Conducted Spurious Emissions at Antenna Terminals, Downlink.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Antenna Conducted Spurious</b>	
	DNB Job Number: 78117	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Downlink GSM 1960 MHz				

Agilent 19:29:05 Jun 11, 2007

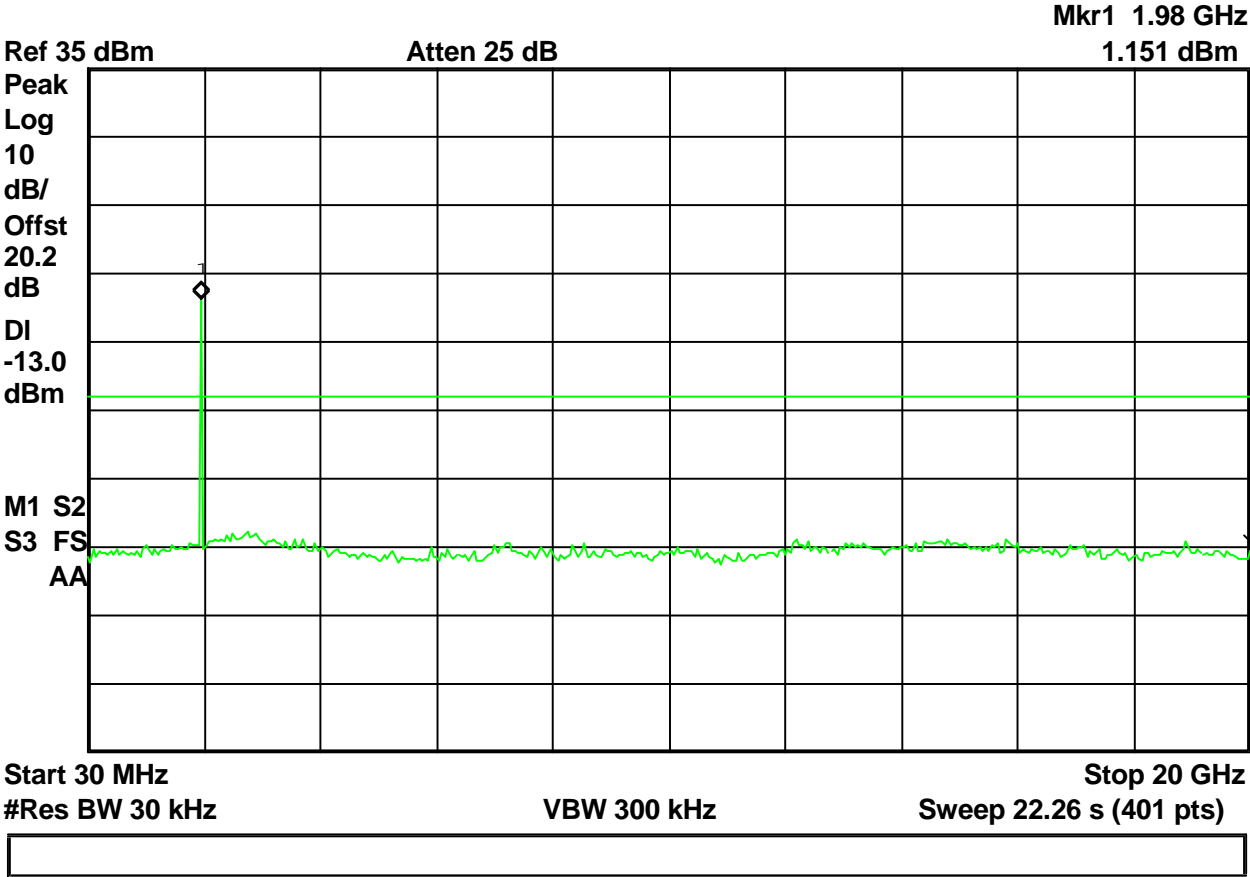





Figure 7: Conducted Spurious Emissions at Antenna Terminals, Downlink.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Antenna Conducted Spurious</b>	
	DNB Job Number: 78117	Date: 11 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Downlink GSM 1989.800 MHz				

Agilent 19:30:05 Jun 11, 2007

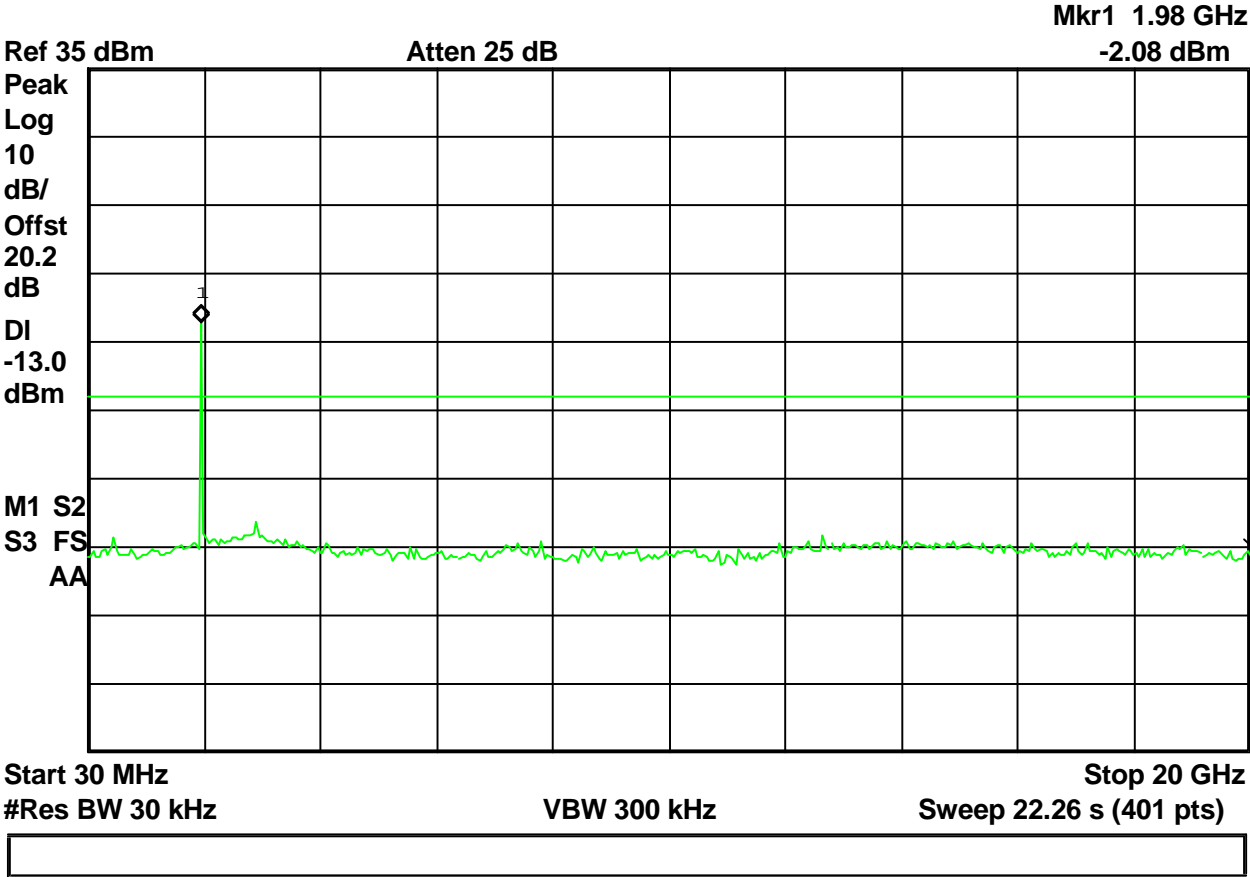



Figure 7: Conducted Spurious Emissions at Antenna Terminals, Downlink.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Antenna Conducted Spurious</b>	
DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Downlink TDMA 869.025 MHz		
<b>Conformance Standards</b>			
[X] IC RSS-131			
[X] FCC Part 22			
[X] FCC Part 24			

Agilent 06:12:54 Jun 12, 2007

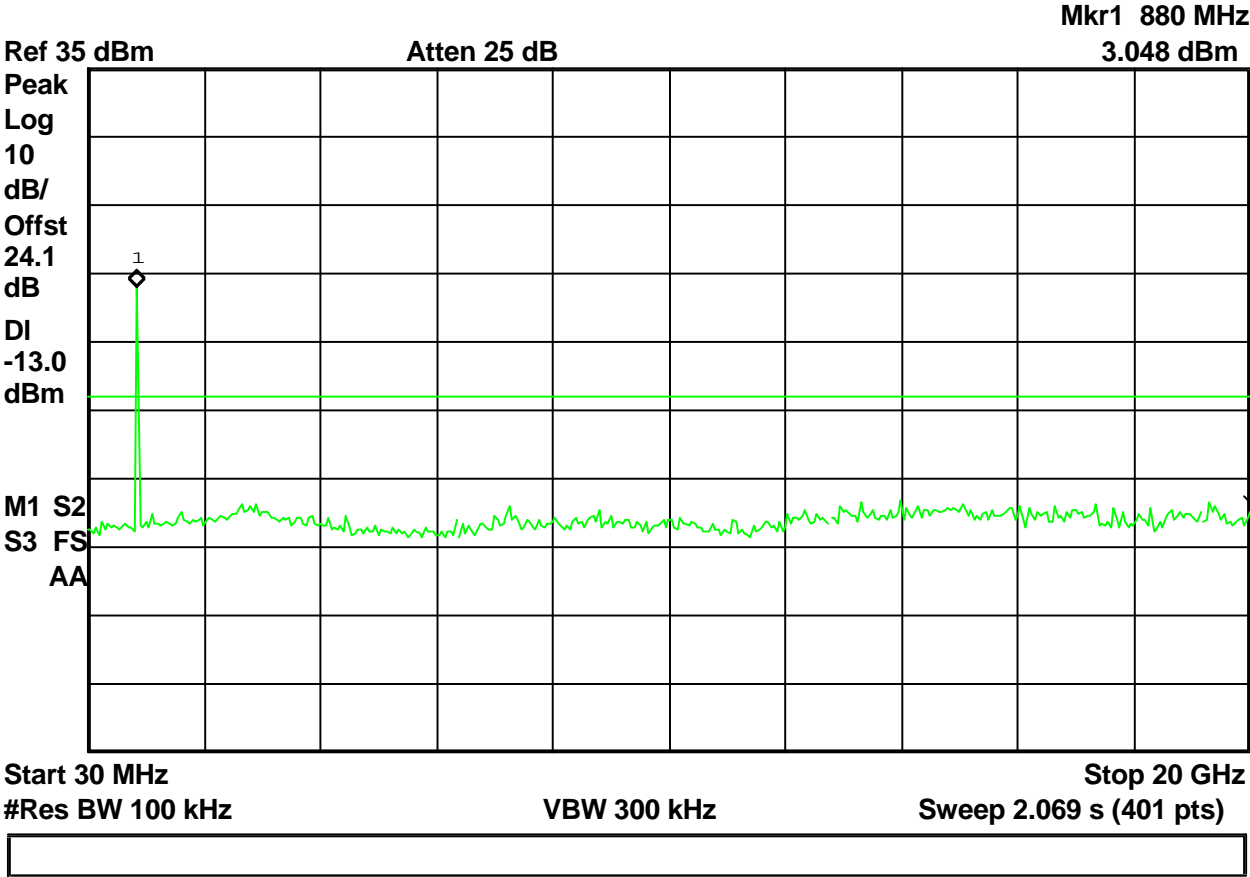



Figure 7: Conducted Spurious Emissions at Antenna Terminals, Downlink.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Antenna Conducted Spurious</b>	
	DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.			<b>Conformance Standards</b> <input checked="" type="checkbox"/> IC RSS-131 <input checked="" type="checkbox"/> FCC Part 22 <input checked="" type="checkbox"/> FCC Part 24
Model Number:	DBSW819			
Description:	RF amplifier			
	Downlink TDMA 881.5 MHz			

Agilent 06:14:11 Jun 12, 2007

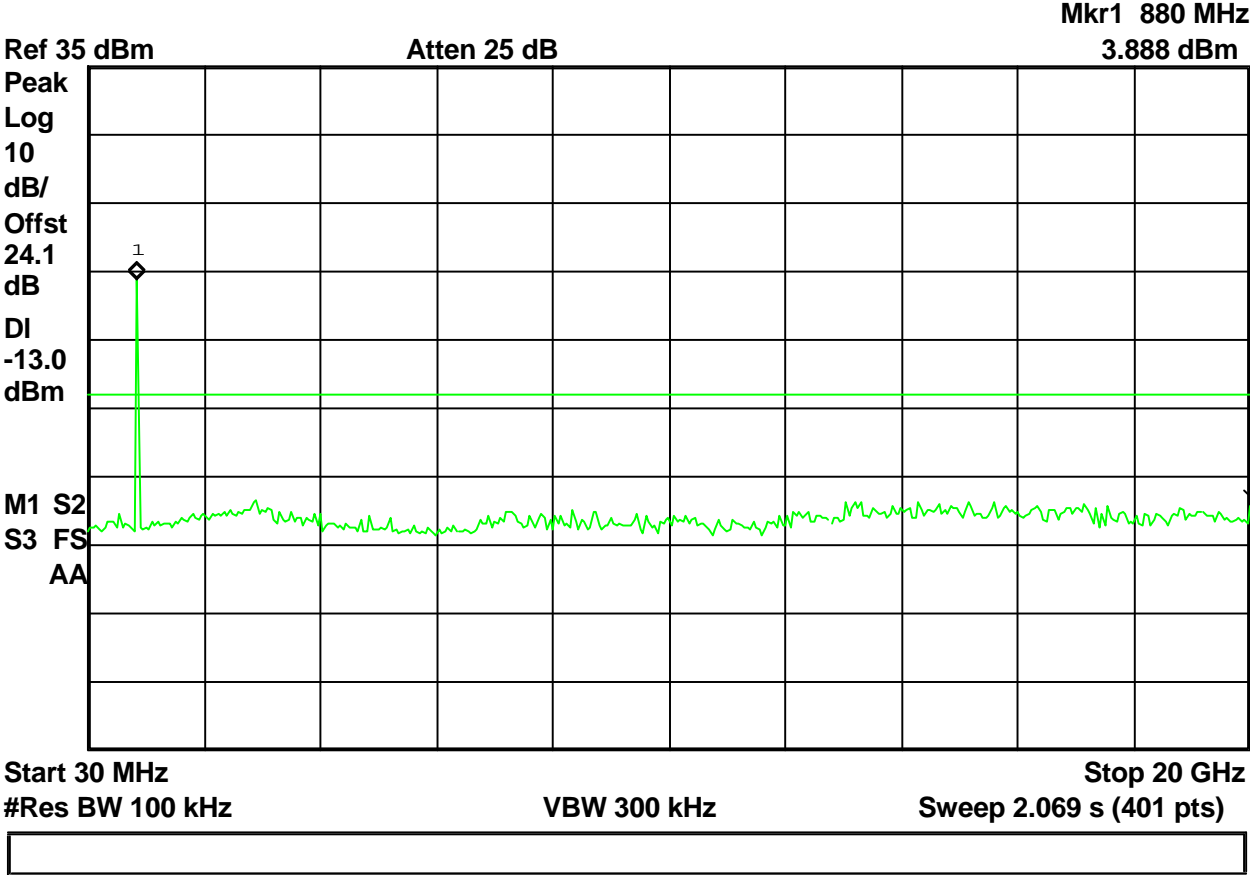



Figure 7: Conducted Spurious Emissions at Antenna Terminals, Downlink.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<h2>Antenna Conducted Spurious</h2>	
	DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.			<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Model Number:	DBSW819			
Description:	RF amplifier			
	Downlink TDMA 893.975 MHz			

Agilent 06:14:46 Jun 12, 2007

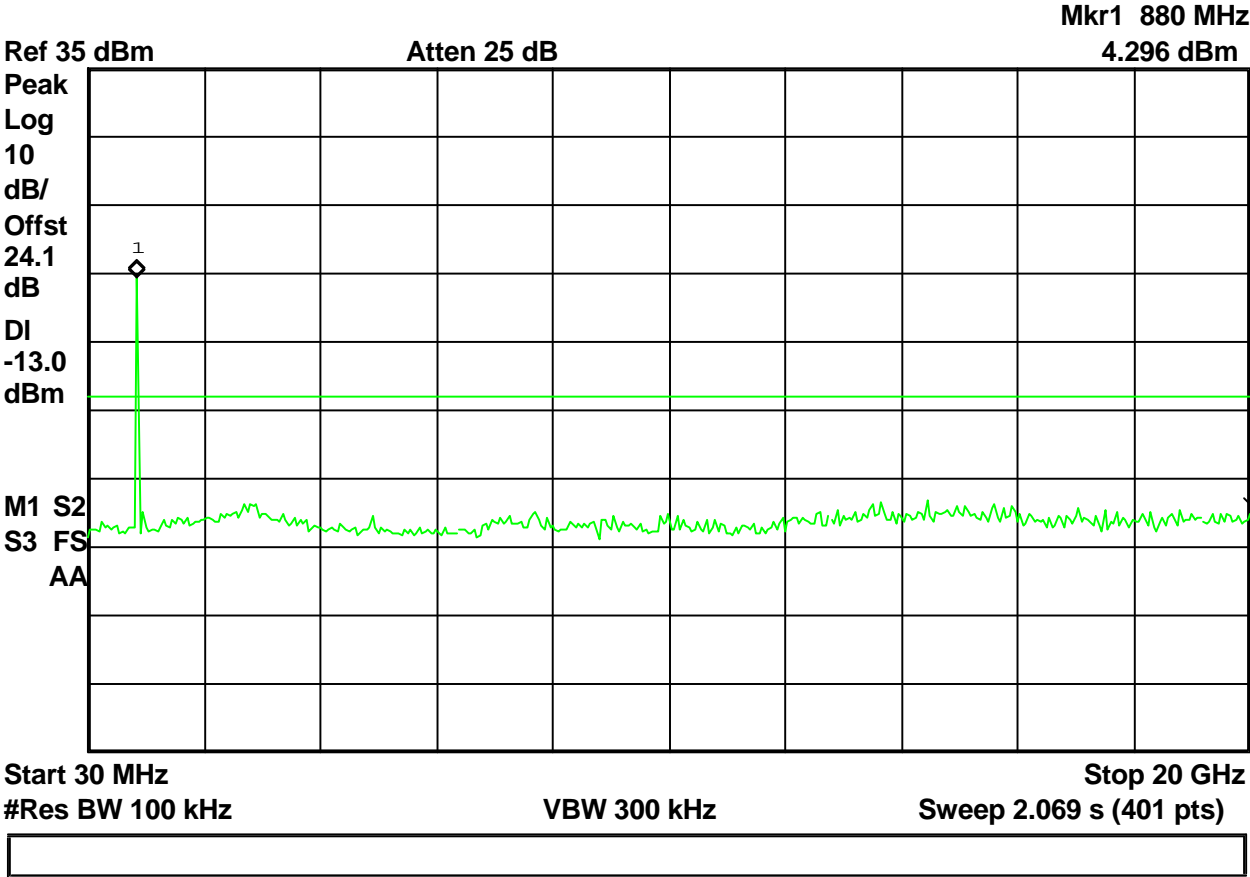



Figure 7: Conducted Spurious Emissions at Antenna Terminals, Downlink.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Antenna Conducted Spurious</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Downlink TDMA 1930.025 MHz				

Agilent 07:39:50 Jun 12, 2007

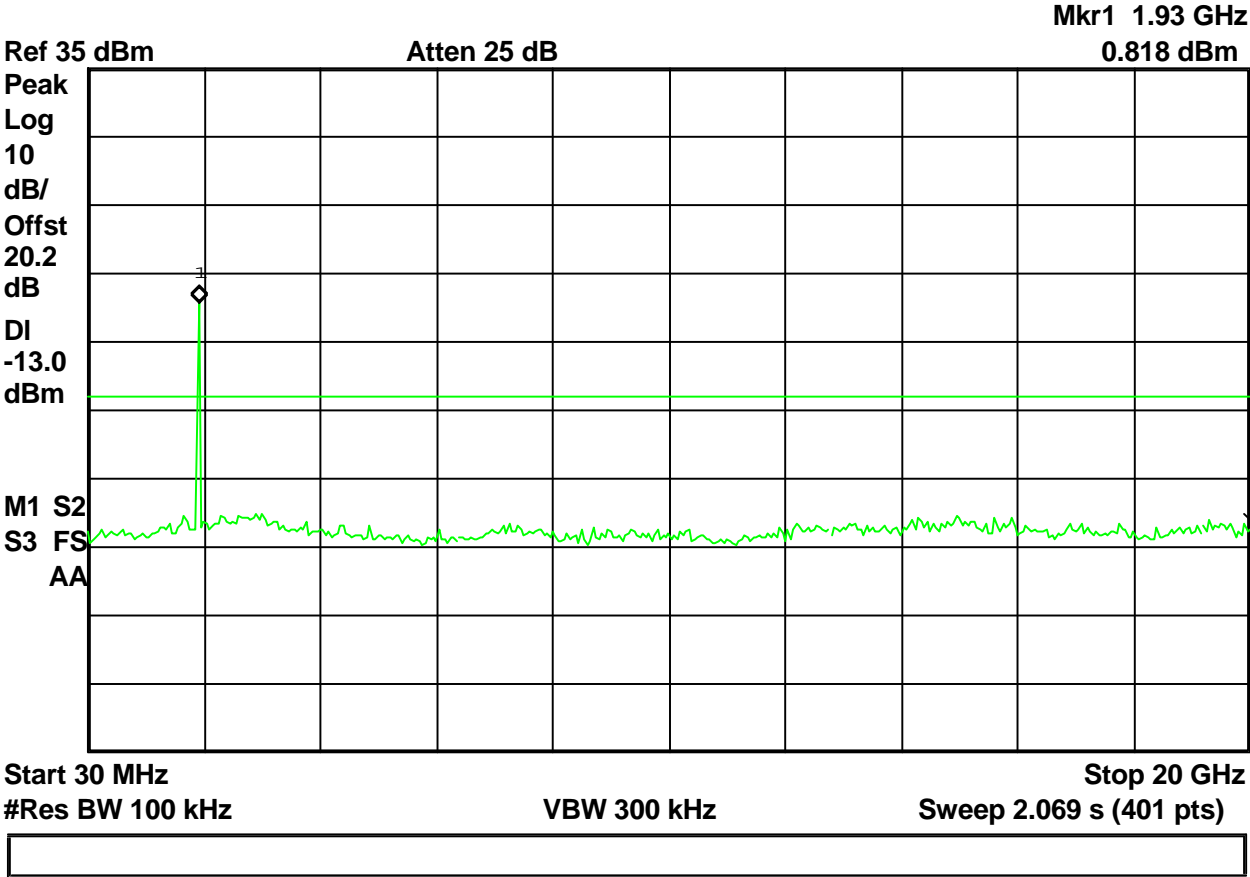



Figure 7: Conducted Spurious Emissions at Antenna Terminals, Downlink.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Antenna Conducted Spurious</b>	
DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Downlink TDMA 1960 MHz		
		<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	

\* Agilent 07:40:41 Jun 12, 2007

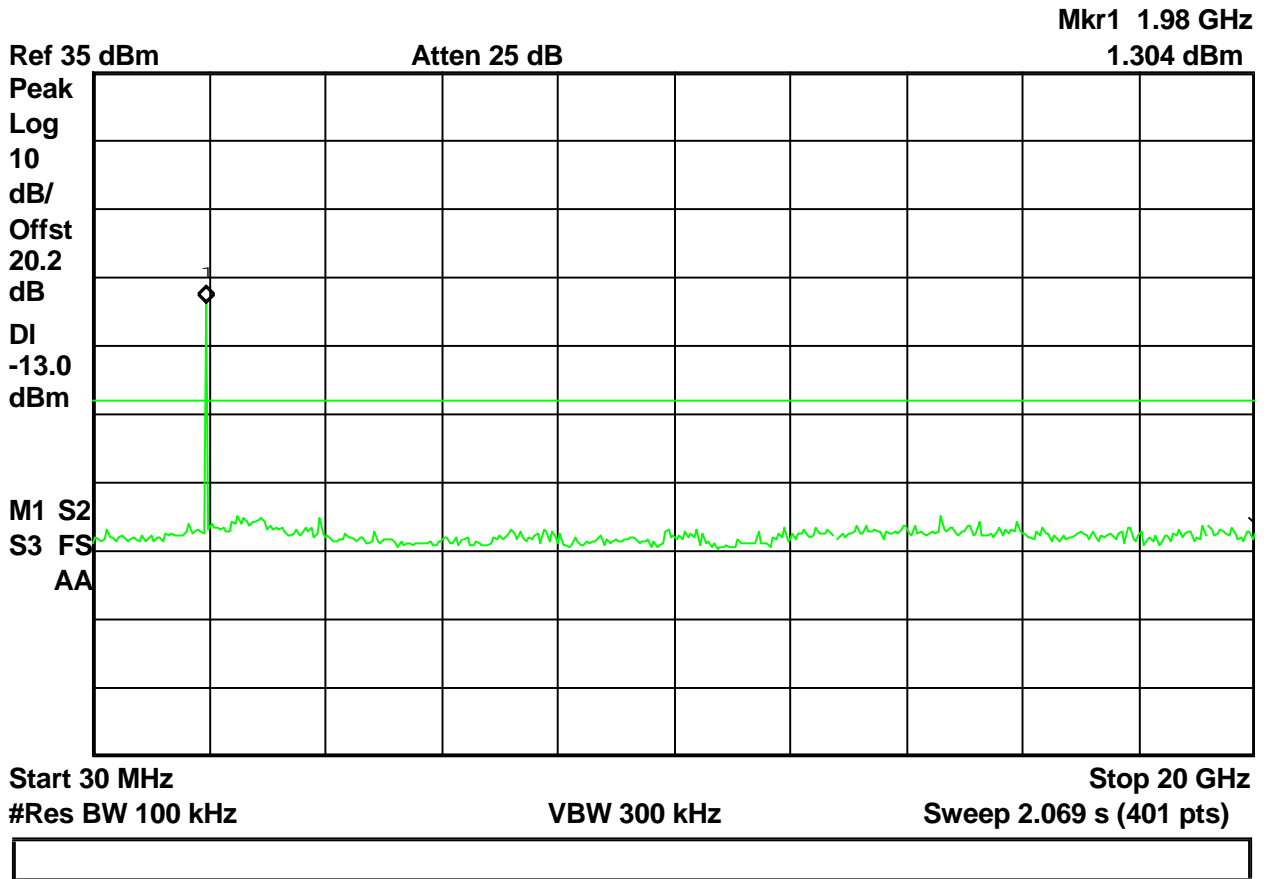



Figure 7: Conducted Spurious Emissions at Antenna Terminals, Downlink.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Antenna Conducted Spurious</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier				
	Downlink TDMA 1989.975 MHz			

Agilent 07:41:22 Jun 12, 2007

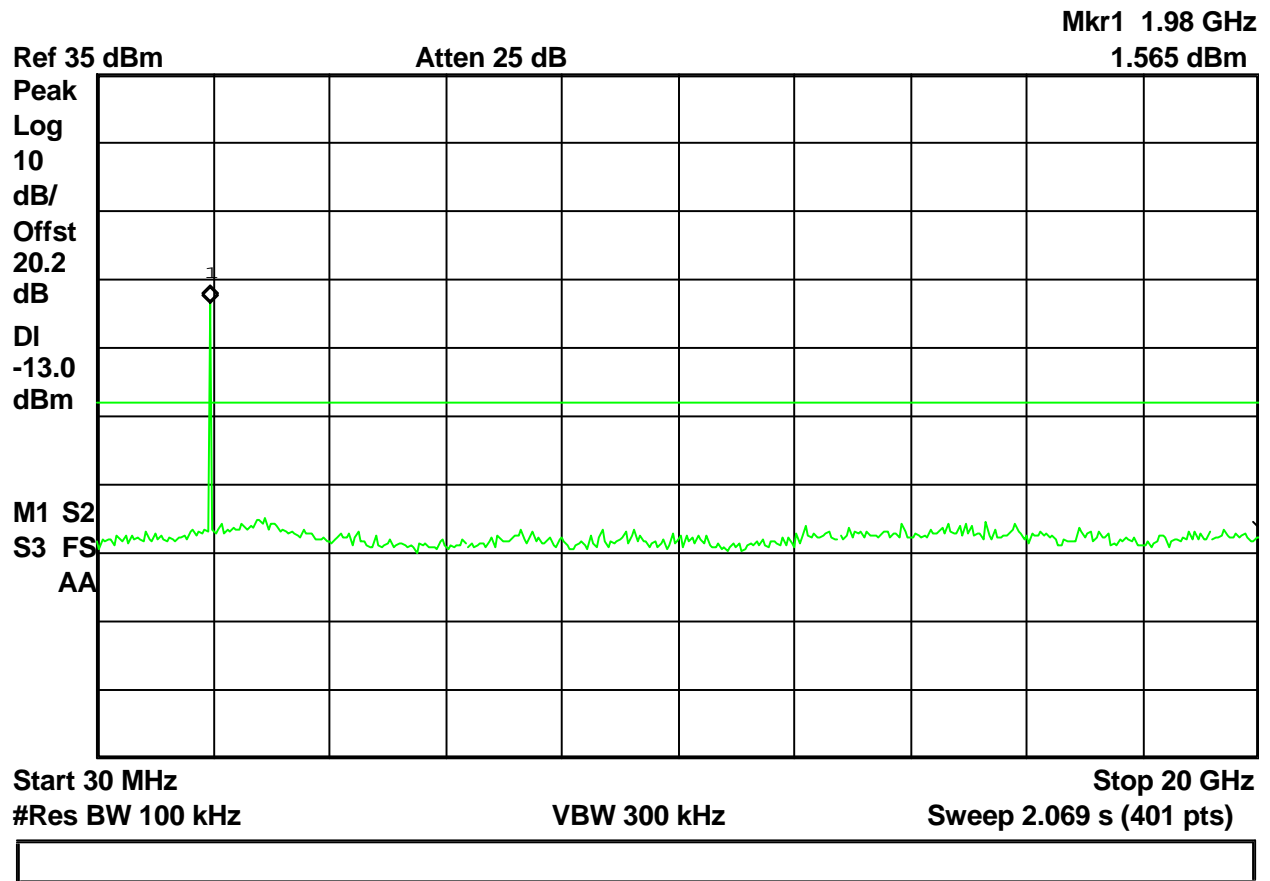



Figure 7: Conducted Spurious Emissions at Antenna Terminals, Downlink.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Antenna Conducted Spurious</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Downlink CDMA 1931 MHz				

Agilent 09:23:54 Jun 12, 2007

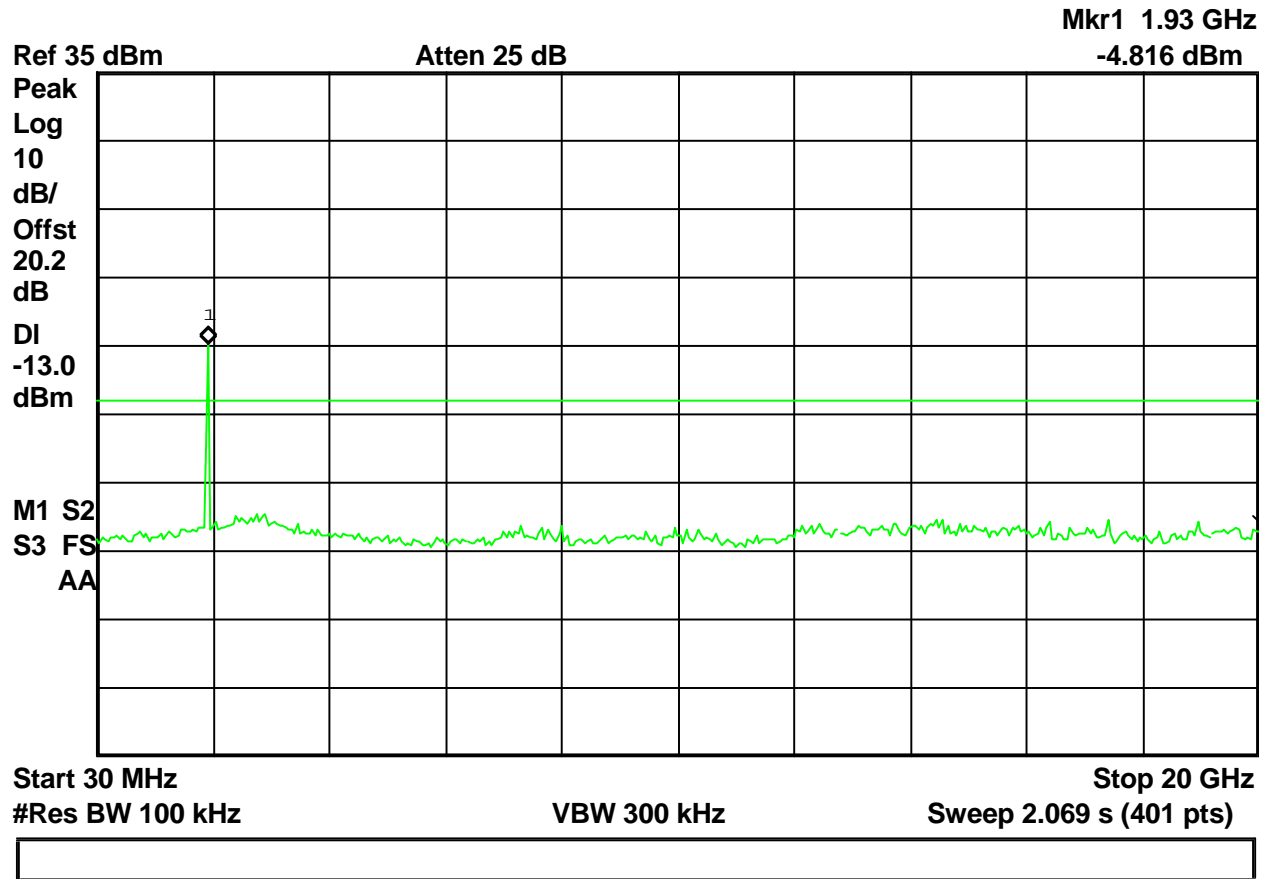





Figure 7: Conducted Spurious Emissions at Antenna Terminals, Downlink.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Antenna Conducted Spurious</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24	
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Downlink CDMA 1960 MHz				

Agilent 09:24:37 Jun 12, 2007

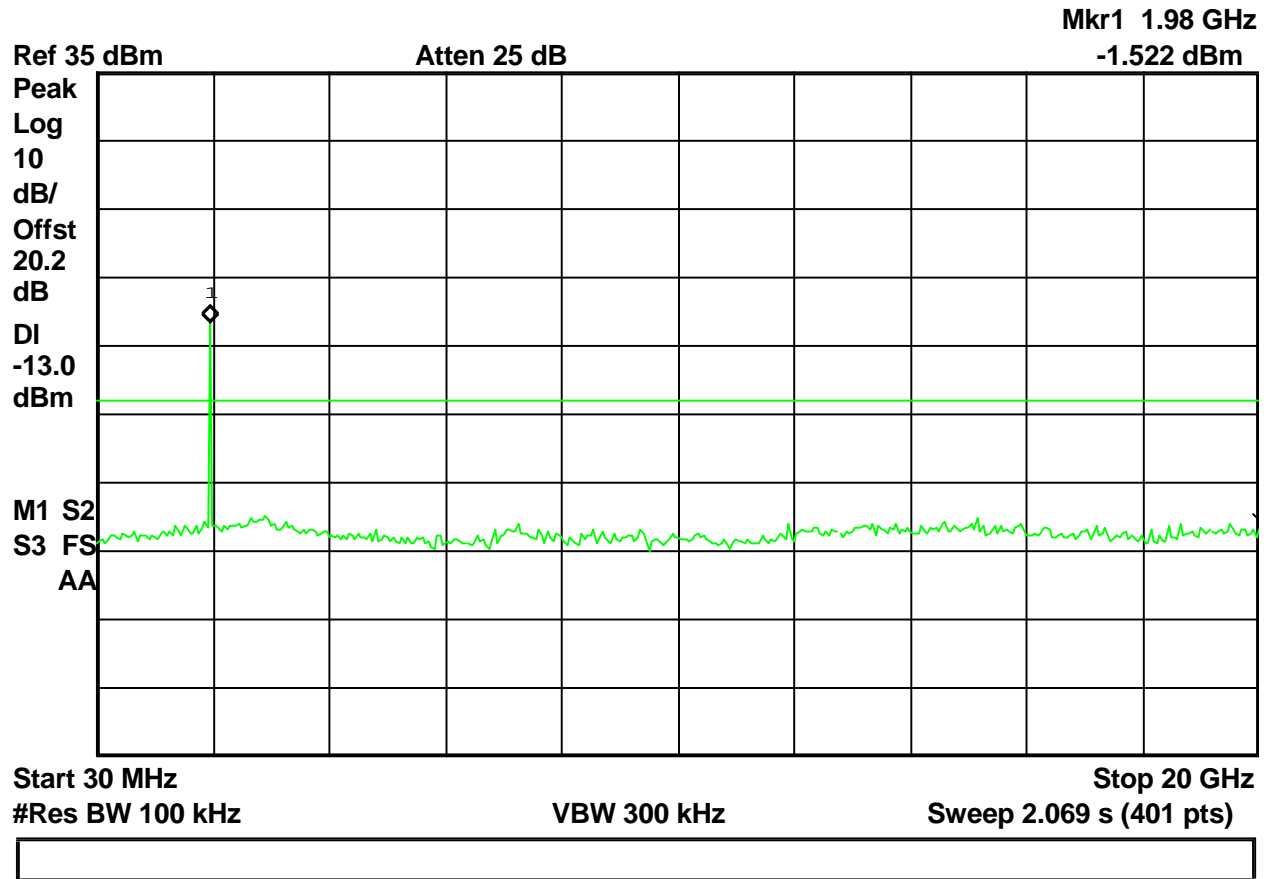

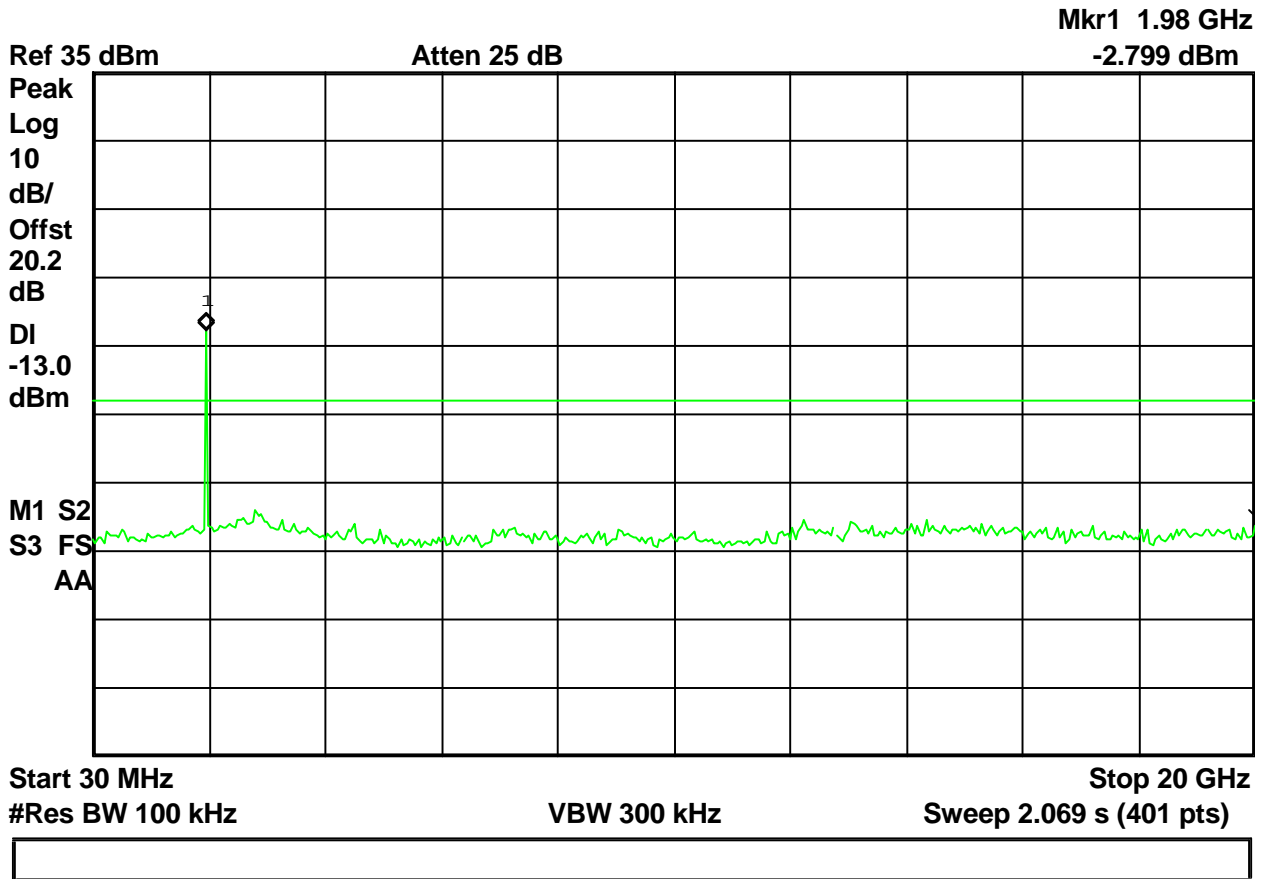


Figure 7: Conducted Spurious Emissions at Antenna Terminals, Downlink.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Antenna Conducted Spurious</b>	
	DNB Job Number: 78117	Date: 12 Jun 2007		<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Customer: Janizary Holdings, Inc.				
Model Number: DBSW819				
Description: RF amplifier  Downlink CDMA 1989 MHz				

Agilent 09:25:08 Jun 12, 2007



**2.1053 Field Strength of Spurious Radiation (IC RSS-131 Clause 4.4)**

---

Definition:

Emissions from the equipment when connected into a non-radiating load on a frequency or frequencies which are outside an occupied band sufficient to ensure transmission of information of required quality for the class of communication desired. The reduction in the level of these spurious emissions will not affect the quality of the information being transmitted.


Test Method: Per TIA /EIA 603.

Connect the equipment and follow the procedure described in paragraph 2.2.1.12. Measure the amplitude of each spurious radiated signal through the 10<sup>th</sup> harmonic. The spurious signals are then measured on the 3 meter range. First the EUT is measured using a tuned reference dipole below 1GHz and a double ridge guide Horn antenna above 1GHz. Then a dipole to dipole (or drg to drg) measurement is conducted to determine the actual power at each harmonic being generated by the EUT. If the DRG antenna is used the appropriate gain factor for the antenna is added for the final measurement. If no noticeable emission can be observed the ground floor is recorded in the data sheets.

Test Results: All readings were at the spectrum analyzer ground floor above the fundamental.

All radiated spurious emissions are below the IC/FCC Specifications.


FIGURE 8: RADIATED FIELD STRENGTH OF SPURIOUS EMISSIONS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Radiated Spurious</b>	
DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Uplink – GSM – 824.200MHz		
<b>Conformance Standards</b>			
[X] IC RSS-131			
[X] FCC Part 22			
[X] FCC Part 24			

Harmonics	Freq In MHz	Antenna Polar	dBm Reading	-13dB Limit	Margin
2nd	1647.531	H	-50.99	-13	
	1647.525	V	-50.64	-13	
3rd	2472.800	H	-49.20	-13	
	2471.868	V	-48.73	-13	
4th	3297.381	H	-40.49	-13	
	3297.950	V	-38.33	-13	
5th	4122.418	H	-38.43	-13	
	4120.587	V	-39.30	-13	
6th	4944.262	H	-39.12	-13	
	4944.337	V	-37.25	-13	
7th	5769.118	H	-38.60	-13	
	5769.906	V	-37.90	-13	
8th	6593.406	H	-38.37	-13	
	6594.481	V	-36.34	-13	
9th	7417.118	H	-33.05	-13	
	7417.650	V	-30.24	-13	
10th	8243.456	H	-30.25	-13	
	8242.837	V	-32.17	-13	

\* Measurement made at instrument ground floor – no discernible reading

FIGURE 8: RADIATED FIELD STRENGTH OF SPURIOUS EMISSIONS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Radiated Spurious</b>	
DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Uplink – GSM – 836.500MHz		
<b>Conformance Standards</b>			
[X] IC RSS-131			
[X] FCC Part 22			
[X] FCC Part 24			

Harmonics	Freq In MHz	Antenna Polar	dBm Reading	-13dB Limit	Margin
2nd	1672.618	H	-50.69	-13	
	1671.993	V	-51.57	-13	
3rd	2508.418	H	-49.47	-13	
	2510.037	V	-49.15	-13	
4th	3346.387	H	-39.15	-13	
	3346.218	V	-38.89	-13	
5th	4183.681	H	-38.60	-13	
	4182.668	V	-38.63	-13	
6th	5018.587	H	-38.09	-13	
	5018.475	V	-38.22	-13	
7th	5856.456	H	-38.39	-13	
	5856.356	V	-37.28	-13	
8th	6692.731	H	-36.38	-13	
	6692.356	V	-36.61	-13	
9th	7529.181	H	-30.76	-13	
	7529.493	V	-30.63	-13	
10th	8364.887	H	-31.22	-13	
	8364.556	V	-30.44	-13	

\* Measurement made at instrument ground floor – no discernible reading


FIGURE 8: RADIATED FIELD STRENGTH OF SPURIOUS EMISSIONS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Radiated Spurious</b>	
DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Uplink – GSM – 848.800MHz		
<b>Conformance Standards</b>			
[X] IC RSS-131			
[X] FCC Part 22			
[X] FCC Part 24			

Harmonics	Freq In MHz	Antenna Polar	dBm Reading	-13dB Limit	Margin
2nd	1697.762	H	-50.94	-13	
	1697.087	V	-51.57	-13	
3rd	2545.850	H	-48.81	-13	
	2546.568	V	-48.90	-13	
4th	3393.856	H	-40.11	-13	
	3395.156	V	-38.31	-13	
5th	4244.575	H	-39.72	-13	
	4242.831	V	-38.96	-13	
6th	5092.825	H	-37.70	-13	
	5092.481	V	-37.74	-13	
7th	5940.193	H	-37.85	-13	
	5941.818	V	-37.69	-13	
8th	6789.387	H	-32.43	-13	
	6788.818	V	-32.27	-13	
9th	7638.568	H	-31.78	-13	
	7639.425	V	-30.75	-13	
10th	8488.531	H	-31.08	-13	
	8487.568	V	-30.07	-13	

\* Measurement made at instrument ground floor – no discernible reading


FIGURE 8: RADIATED FIELD STRENGTH OF SPURIOUS EMISSIONS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Radiated Spurious</b>	
DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Uplink – TDMA – 824.025MHz		
<b>Conformance Standards</b>			
[X] IC RSS-131			
[X] FCC Part 22			
[X] FCC Part 24			

Harmonics	Freq In MHz	Antenna Polar	dBm Reading	-13dB Limit	Margin
2nd	1647.643	H	-50.97	-13	
	1647.418	V	-50.73	-13	
3rd	2471.256	H	-49.46	-13	
	2472.112	V	-49.02	-13	
4th	3295.556	H	-39.05	-13	
	3296.381	V	-38.10	-13	
5th	4120.425	H	-40.69	-13	
	4121.200	V	-38.77	-13	
6th	4943.893	H	-38.93	-13	
	4943.562	V	-38.53	-13	
7th	5768.625	H	-38.44	-13	
	5767.750	V	-38.63	-13	
8th	6592.893	H	-36.29	-13	
	6591.625	V	-37.03	-13	
9th	7416.337	H	-30.68	-13	
	7416.725	V	-30.66	-13	
10th	8240.093	H	-30.88	-13	
	8240.250	V	-30.35	-13	

\* Measurement made at instrument ground floor – no discernible reading

FIGURE 8: RADIATED FIELD STRENGTH OF SPURIOUS EMISSIONS, UPLINK.


	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Radiated Spurious</b>	
DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Uplink – TDMA – 836.500MHz		
<b>Conformance Standards</b>			
[X] IC RSS-131			
[X] FCC Part 22			
[X] FCC Part 24			

Harmonics	Freq In MHz	Antenna Polar	dBm Reading	-13dB Limit	Margin
2nd	1673.731	H	-51.21	-13	
	1672.631	V	-51.27	-13	
3rd	2508.800	H	-48.41	-13	
	2509.625	V	-49.72	-13	
4th	3347.056	H	-38.42	-13	
	3345.125	V	-38.40	-13	
5th	4181.737	H	-38.67	-13	
	4181.337	V	-38.26	-13	
6th	5018.818	H	-37.78	-13	
	5019.493	V	-37.24	-13	
7th	5855.618	H	-38.02	-13	
	5855.381	V	-38.03	-13	
8th	6691.168	H	-37.19	-13	
	6691.937	V	-37.03	-13	
9th	7528.756	H	-30.97	-13	
	7529.737	V	-31.73	-13	
10th	8364.937	H	-30.28	-13	
	8366.125	V	-29.84	-13	

\* Measurement made at instrument ground floor – no discernible reading




FIGURE 8: RADIATED FIELD STRENGTH OF SPURIOUS EMISSIONS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Radiated Spurious</b>	
DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Uplink – TDMA – 848.975MHz		
<b>Conformance Standards</b>			
[X] IC RSS-131			
[X] FCC Part 22			
[X] FCC Part 24			

Harmonics	Freq In MHz	Antenna Polar	dBm Reading	-13dB Limit	Margin
2nd	1697.543	H	-50.74	-13	
	1697.743	V	-49.94	-13	
3rd	2546.337	H	-49.61	-13	
	2547.525	V	-49.02	-13	
4th	3396.281	H	-39.83	-13	
	3396.068	V	-38.73	-13	
5th	4244.100	H	-38.53	-13	
	4245.487	V	-38.61	-13	
6th	5092.600	H	-39.71	-13	
	5094.181	V	-38.18	-13	
7th	5943.768	H	-39.27	-13	
	5943.031	V	-37.39	-13	
8th	6792.206	H	-32.29	-13	
	6792.075	V	-31.84	-13	
9th	7640.518	H	-30.53	-13	
	7640.775	V	-30.19	-13	
10th	8489.718	H	-30.80	-13	
	8490.756	V	-29.85	-13	

\* Measurement made at instrument ground floor – no discernible reading


FIGURE 8: RADIATED FIELD STRENGTH OF SPURIOUS EMISSIONS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Radiated Spurious</b>	
DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Downlink – GSM – 869.200MHz		
<b>Conformance Standards</b>			
[X] IC RSS-131			
[X] FCC Part 22			
[X] FCC Part 24			

Harmonics	Freq In MHz	Antenna Polar	dBm Reading	-13dB Limit	Margin
2nd	1738.918	H	-49.97	-13	
	1737.931	V	-49.90	-13	
3rd	2608.531	H	-49.03	-13	
	2608.337	V	-49.17	-13	
4th	3477.568	H	-38.08	-13	
	3475.918	V	-38.16	-13	
5th	4345.118	H	-38.44	-13	
	4346.356	V	-38.60	-13	
6th	5215.806	H	-37.73	-13	
	5215.337	V	-39.00	-13	
7th	6085.750	H	-37.28	-13	
	6085.075	V	-37.64	-13	
8th	6955.075	H	-31.49	-13	
	6954.675	V	-31.16	-13	
9th	7822.500	H	-30.56	-13	
	7823.487	V	-29.88	-13	
10th	8693.025	H	-28.25	-13	
	8692.843	V	-28.57	-13	

\* Measurement made at instrument ground floor – no discernible reading

FIGURE 8: RADIATED FIELD STRENGTH OF SPURIOUS EMISSIONS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Radiated Spurious</b>	
DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Downlink – GSM – 881.500MHz		
<b>Conformance Standards</b>			
[X] IC RSS-131			
[X] FCC Part 22			
[X] FCC Part 24			

Harmonics	Freq In MHz	Antenna Polar	dBm Reading	-13dB Limit	Margin
2nd	1764.075	H	-51.23	-13	
	1763.943	V	-49.75	-13	
3rd	2644.600	H	-48.45	-13	
	2644.506	V	-49.78	-13	
4th	3526.687	H	-38.62	-13	
	3525.700	V	-39.30	-13	
5th	4408.437	H	-38.54	-13	
	4407.993	V	-39.36	-13	
6th	5290.037	H	-38.55	-13	
	5290.037	V	-38.51	-13	
7th	6170.256	H	-37.10	-13	
	6169.306	V	-37.72	-13	
8th	7052.475	H	-30.89	-13	
	7050.943	V	-31.33	-13	
9th	7934.606	H	-30.41	-13	
	7934.275	V	-31.21	-13	
10th	8813.987	H	-31.26	-13	
	8816.243	V	-30.64	-13	

\* Measurement made at instrument ground floor – no discernible reading


FIGURE 8: RADIATED FIELD STRENGTH OF SPURIOUS EMISSIONS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Radiated Spurious</b>	
DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Downlink – GSM – 893.800MHz		
<b>Conformance Standards</b>			
[X] IC RSS-131			
[X] FCC Part 22			
[X] FCC Part 24			

Harmonics	Freq In MHz	Antenna Polar	dBm Reading	-13dB Limit	Margin
2nd	1786.337	H	-50.05	-13	
	1786.337	V	-50.44	-13	
3rd	2680.565	H	-48.73	-13	
	2680.556	V	-49.23	-13	
4th	3575.475	H	-38.54	-13	
	3575.156	V	-37.82	-13	
5th	4468.225	H	-38.87	-13	
	4469.493	V	-38.79	-13	
6th	5363.281	H	-38.32	-13	
	5363.356	V	-37.72	-13	
7th	6255.865	H	-37.28	-13	
	6257.243	V	-37.63	-13	
8th	7148.750	H	-31.19	-13	
	7150.843	V	-30.31	-13	
9th	8043.750	H	-31.90	-13	
	8044.437	V	-30.45	-13	
10th	8938.650	H	-29.46	-13	
	8937.593	V	-29.31	-13	

\* Measurement made at instrument ground floor – no discernible reading


FIGURE 8: RADIATED FIELD STRENGTH OF SPURIOUS EMISSIONS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Radiated Spurious</b>	
DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Downlink – TDMA – 869.025MHz		
<b>Conformance Standards</b>			
[X] IC RSS-131			
[X] FCC Part 22			
[X] FCC Part 24			

Harmonics	Freq In MHz	Antenna Polar	dBm Reading	-13dB Limit	Margin
2nd	1738.343	H	-51.25	-13	
	1738.087	V	-50.39	-13	
3rd	2606.656	H	-49.06	-13	
	2607.137	V	-49.36	-13	
4th	3475.737	H	-38.40	-13	
	3475.093	V	-38.74	-13	
5th	4346.075	H	-38.13	-13	
	4344.343	V	-39.05	-13	
6th	5213.893	H	-38.29	-13	
	5214.443	V	-38.49	-13	
7th	6083.887	H	-37.36	-13	
	6082.562	V	-37.60	-13	
8th	6953.037	H	-31.84	-13	
	6953.018	V	-32.66	-13	
9th	7821.143	H	-30.36	-13	
	7821.731	V	-31.40	-13	
10th	8690.250	H	-29.79	-13	
	8690.981	V	-29.27	-13	

\* Measurement made at instrument ground floor – no discernible reading


FIGURE 8: RADIATED FIELD STRENGTH OF SPURIOUS EMISSIONS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Radiated Spurious</b>		
DNB Job Number:	78117	Date:	12 Jun 2007	<b>Conformance Standards</b> [X] IC RSS-131 [X] FCC Part 22 [X] FCC Part 24
Customer:	Janizary Holdings, Inc.			
Model Number:	DBSW819			
Description:	RF amplifier			
		Downlink – TDMA – 881.500MHz		

Harmonics	Freq In MHz	Antenna Polar	dBm Reading	-13dB Limit	Margin
2nd	1763.062	H	-50.38	-13	
	1762.018	V	-50.59	-13	
3rd	2644.693	H	-48.81	-13	
	2645.393	V	-49.73	-13	
4th	3526.025	H	-38.87	-13	
	3527.075	V	-39.08	-13	
5th	4408.237	H	-38.00	-13	
	4407.693	V	-40.01	-13	
6th	5287.912	H	-38.60	-13	
	5290.068	V	-38.19	-13	
7th	6171.343	H	-40.25	-13	
	6171.462	V	-38.23	-13	
8th	7051.875	H	-31.42	-13	
	7052.025	V	-31.55	-13	
9th	7932.475	H	-31.09	-13	
	7934.093	V	-33.50	-13	
10th	8816.112	H	-30.85	-13	
	8815.581	V	-31.29	-13	

\* Measurement made at instrument ground floor – no discernible reading


FIGURE 8: RADIATED FIELD STRENGTH OF SPURIOUS EMISSIONS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Radiated Spurious</b>	
DNB Job Number:	78117	Date:	12 Jun 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Downlink – TDMA – 893.975MHz		
<b>Conformance Standards</b>			
[X] IC RSS-131			
[X] FCC Part 22			
[X] FCC Part 24			

Harmonics	Freq In MHz	Antenna Polar	dBm Reading	-13dB Limit	Margin
2nd	1788.787	H	-50.52	-13	
	1786.712	V	-50.72	-13	
3rd	2682.237	H	-48.90	-13	
	2682.487	V	-49.57	-13	
4th	3576.175	H	-39.04	-13	
	3575.200	V	-38.92	-13	
5th	4470.831	H	-39.06	-13	
	4469.937	V	-38.97	-13	
6th	5363.950	H	-37.65	-13	
	5363.293	V	-39.25	-13	
7th	6257.900	H	-37.05	-13	
	6258.512	V	-38.08	-13	
8th	7152.268	H	-30.21	-13	
	7151.462	V	-31.99	-13	
9th	8045.825	H	-31.95	-13	
	8045.606	V	-31.30	-13	
10th	8939.925	H	-30.42	-13	
	8940.556	V	-30.33	-13	

\* Measurement made at instrument ground floor – no discernible reading

FIGURE 8: RADIATED FIELD STRENGTH OF SPURIOUS EMISSIONS, UPLINK.


	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Radiated Spurious</b>	
DNB Job Number:	78117	Date:	13 Jun 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Uplink – CDMA - 1880 MHz		
<b>Conformance Standards</b>			
[X] IC RSS-131			
[X] FCC Part 22			
[X] FCC Part 24			

Harmonics	Freq In MHz	Antenna Polar	dBm Reading	-13dB Limit	Margin
2nd	3760*	H	-55.01	-13	-42.01
	3760*	V	-55.45	-13	-42.45
3rd	5640*	H	-54.12	-13	-41.12
	5640*	V	-55.30	-13	-42.30
4th	7520*	H	-53.26	-13	-40.26
	7520*	V	-53.99	-13	-40.99
5th	9400*	H	-53.77	-13	-40.77
	9400*	V	-53.93	-13	-40.93
6th	11280*	H	-53.55	-13	-40.55
	11280*	V	-52.85	-13	-39.55
7th	13160*	H	-51.07	-13	-38.07
	13160*	V	-50.93	-13	-37.93
8th	15040*	H	-49.28	-13	-36.28
	15040*	V	-50.26	-13	-37.26
9th	16920*	H	-50.70	-13	-37.70
	16920*	V	-50.15	-13	-37.15
10th	18800*	H	-55.62	-13	-42.62
	18800*	V	-55.34	-13	-42.34

\* Measurement made at instrument ground floor – no discernible reading



FIGURE 8: RADIATED FIELD STRENGTH OF SPURIOUS EMISSIONS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>Radiated Spurious</b>	
DNB Job Number:	78117	Date:	13 Jun 2007
Customer:	Janizary Holdings, Inc.		
Model Number:	DBSW819		
Description:	RF amplifier		
	Downlink – CDMA - 1960 MHz		
<b>Conformance Standards</b>			
[X] IC RSS-131			
[X] FCC Part 22			
[X] FCC Part 24			

Harmonics	Freq In MHz	Antenna Polar	dBm Reading	-13dB Limit	Margin
2nd	3920*	H	-54.30	-13	-41.30
	3920*	V	-55.42	-13	-42.42
3rd	5880*	H	-54.69	-13	-41.69
	5880*	V	-54.57	-13	-41.57
4th	7840*	H	-53.78	-13	-40.78
	7840*	V	-52.68	-13	-39.68
5th	9800*	H	-52.72	-13	-39.72
	9800*	V	-53.34	-13	-40.34
6th	11760*	H	-53.01	-13	-40.01
	11760*	V	-52.83	-13	-39.83
7th	13720*	H	-50.23	-13	-37.23
	13720*	V	-50.91	-13	-37.91
8th	15680*	H	-48.32	-13	-35.32
	15680*	V	-48.18	-13	-35.18
9th	17640*	H	-51.63	-13	-38.63
	17640*	V	-52.19	-13	-39.19
10th	19600*	H	-57.17	-13	-44.17
	19600*	V	-57.65	-13	-44.65

\* Measurement made at instrument ground floor – no discernible reading

## RADIATED EMISSIONS

---

Definition:

Emissions which emanate from the EUT.


Test Method: FCC Part 15 Class B (CISPR 22)

To measure radiated emissions, the EUT was set up on the 3 meter open air test site. The EUT is placed on a wooden Table, which rests upon a wooden turntable. The top of the table is one meter above the ground, and the turntable can be rotated 360 degrees. For each frequency measured, the antenna is raised and lowered for both horizontal and vertical polarities to obtain the maximum reading on the analyzer. The turntable is also rotated throughout the 360 degrees in azimuth to determine the position of the maximum emissions. The applicable frequency range is searched using the antennas listed below. The respective antenna and preamplifier were connected to an HP 8568B Spectrum Analyzer. Preamplifiers were used for all ranges to achieve the needed dynamic range.

Test Results:

All readings were below the expectable limit.

FIGURE 9: RADIATED EMISSIONS.

		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704				<b>Radiated Emissions</b>											
DNB Job Number:		78117				Date:			12 Jun 2007			<b>Conformance Standards</b>  [X] FCC Part 15					
Customer:		Janizary Holdings, Inc.															
Model Number:		DBSW819															
Description:		RF amplifier															
FREQ	METER	Correction Factors					in dBuV/m			in uV/m			Positions				
		Bcn	Log	Cbl	Amp	Dis	Corr	Lim	Delta	Corr	Lim	Delta	Typ	Tbl	Pl	Hgt	
44.664	25.3	12.1	0.0	0.9	-23.8	0.0	14.5	40.0	-25.5	5	100	-95	PK	20	H	2.19	
56.027	31.6	10.6	0.0	1.0	-23.7	0.0	19.5	40.0	-20.5	9	100	-91	PK	14	H	2.33	
126.993	25.0	10.7	0.0	1.7	-23.7	0.0	13.7	43.5	-29.8	5	150	-145	PK	14	H	2.33	
155.554	28.3	12.4	0.0	1.9	-23.7	0.0	18.9	43.5	-24.6	9	150	-141	PK	32	H	2.02	
208.870	24.2	0.0	11.0	2.3	-23.9	0.0	13.6	43.5	-29.9	5	150	-145	PK	9	H	1.95	
256.790	25.1	0.0	12.0	2.5	-24.2	0.0	15.4	46.0	-30.6	6	200	-194	PK	17	H	1.62	
399.890	24.0	0.0	17.7	3.1	-24.5	0.0	20.3	46.0	-25.7	10	200	-190	PK	5	H	1.78	
44.649	34.3	12.1	0.0	0.9	-23.8	0.0	23.5	40.0	-16.5	15	100	-85	PK	0	V	1.01	
55.798	32.5	10.6	0.0	1.0	-23.7	0.0	20.4	40.0	-19.6	10	100	-90	PK	7	V	1.09	
126.994	26.5	10.7	0.0	1.7	-23.7	0.0	15.2	43.5	-28.3	6	150	-144	PK	17	V	1.15	
155.575	22.4	12.4	0.0	1.9	-23.7	0.0	13.0	43.5	-30.5	4	150	-146	PK	17	V	1.15	
227.700	23.2	0.0	11.3	2.4	-24.2	0.0	12.7	46.0	-33.3	4	200	-196	PK	59	V	1.15	
260.330	25.4	0.0	12.1	2.5	-24.2	0.0	15.8	46.0	-30.2	6	200	-194	PK	81	V	1.00	
410.900	25.6	0.0	17.9	3.2	-24.5	0.0	22.2	46.0	-23.8	13	200	-187	PK	113	V	1.00	

## 2.1055 Measurement of Frequency Stability (IC RSS-131)

---

The EUT is a power amplifier and contains no circuitry for generating or stabilizing the RF signal. The driver will be responsible for this task.

## 2.1057 Frequency Spectrum to be Investigated

---

The Frequency was searched from the lowest radio frequency generated in the equipment through the 10<sup>th</sup> harmonic of the carrier frequency.

## RF Exposure

---

The DBSW819 (800 / 1900 MHz) dual band RF Compensator is operated as a signal booster as defined in 2.1091(b) based on its design and installation. The compensator is installed in such a way that it is physically secured and is generally located more than 40 cm from the end-user. This information is included in the user manual. It is suggested that the antenna be installed such that there is at least 40 cm of separation between user and the antenna.

**RF Exposure – MPE Calculations**

---

Input

Transmitter Power:	330mW	@ 824-849MHz	(Uplink)
	28.0mW	@ 869-894MHz	(Downlink)
	167mW	@ 1850-1910MHz	(Uplink)
	1.8mW	@ 1930-1990MHz	(Downlink)

Antenna Gain: 6 dBi all cases

Cable loss: 1.5 dB @ 824–849 MHz and 869-894MHz  
 2.5 dB @ 1850–1910 MHz and 1930-1990MHz

Frequency range:	824-849MHz and 1850-1910MHz	(Uplink)
	869-894MHz and 1930-1990MHz	(Downlink)

Assumptions

1. A single ¼ wavelength radiating antenna is assumed.
2. Closest exposure distance is assumed to be 40 cm
3. Using the formula  $\text{Level 1}/\text{Limit1} + \text{Level2}/\text{Limit2}$  to show predicted total RF exposure if both bands are operating simultaneously, result must be less than 1.

Where: Limit 1 is the limit in the uplink band  
 Limit 2 is the limit in the downlink band  
 Level 1 is the calculated maximum RF exposure in the uplink band  
 Level 2 is the calculated maximum RF exposure in the downlink band

824-894 Band (Uplink and Downlink)

Combined Worst Case Exposure = 0.1028537 is less than 1 = compliant

1850-1990 Band (Uplink and Downlink)

Combined Worst Case Exposure = 0.0017036 is less than 1 = compliant

## RF Exposure – MPE Calculations

---

### Calculations for Uplink

The following results shall be assumed to be accurate for the far-field only. These predictions will over-estimate power density in the near-field. Based on the use of a ¼ wavelength radiator, a distance of 40 cm is considered to be in the far-field for all cases.

$$S = PG/4*PI*R^2$$

@ 824 – 849 MHz

P is 330 mW

G is 4.5 dBi (Antenna gain – loss) or  $10^{(4.5/10)}$  or 2.818 Numerical

R is 40 cm

$$\underline{\underline{S = 0.046mW/cm^2}}$$

For Occupational/Controlled Exposure

From 300 to 1500 MHz, power density limit is f/300 mW/cm<sup>2</sup>

@ 824 MHz, power density limit is **2.747 mW/cm<sup>2</sup> for 6 minutes.**

For General Population/Uncontrolled Exposure

From 300 to 1500 MHz, power density limit is f/1500 mW/cm<sup>2</sup>

@ 824 MHz, Power density limit is **0.549 mW/cm<sup>2</sup> for 30 minutes.**

Conclusion: Meets MPE limits

@ 1850 – 1910 MHz

P is 167 mW

G is 3.5 dBi (Antenna gain – loss) or  $10^{(3.5/10)}$  or 2.24 Numerical

R is 40 cm

$$\underline{\underline{S = 0.018604mW/cm^2}}$$

For Occupational/Controlled Exposure

From 1,500 to 100,000 MHz, power density limit is **5 mW/cm<sup>2</sup> for 6 minutes.**

For General Population/Uncontrolled Exposure

From 1,500 to 100,000 MHz, power density limit is **1 mW/cm<sup>2</sup> for 30 minutes.**

Conclusion: Meets MPE limits



## RF Exposure – MPE Calculations

---

### Calculations for Downlink

The following results shall be assumed to be accurate for the far-field only. These predictions will over-estimate power density in the near-field. Based on the use of a ¼ wavelength radiator, a distance of 40 cm is considered to be in the far-field for all cases.

$$S = PG/4*\pi*R^2$$

@ 869 – 894 MHz

P is 4 mW

G is 4.5 dBi (Antenna gain – loss) or  $10^{(4.5/10)}$  or 2.818 Numerical

R is 40 cm

$$\underline{S = 0.001\text{mW/cm}^2}$$

For Occupational/Controlled Exposure

From 300 to 1500 MHz, power density limit is  $f/300 \text{ mW/cm}^2$

@ 869 MHz, power density limit is **2.897 mW/cm<sup>2</sup> for 6 minutes.**

For General Population/Uncontrolled Exposure

From 300 to 1500 MHz, power density limit is  $f/1500 \text{ mW/cm}^2$

@ 869 MHz, Power density limit is **0.579 mW/cm<sup>2</sup> for 30 minutes.**

Conclusion: Meets MPE limits

@ 1930 – 1990 MHz

P is 6.6 mW

G is 3.5 dBi (Antenna gain – loss) or  $10^{(3.5/10)}$  or 1.12 Numerical

R is 40 cm

$$\underline{S = 0.000368\text{mW/cm}^2}$$

For Occupational/Controlled Exposure

From 1,500 to 100,000 MHz, power density limit is **5 mW/cm<sup>2</sup> for 6 minutes.**

For General Population/Uncontrolled Exposure

From 1,500 to 100,000 MHz, power density limit is **1 mW/cm<sup>2</sup> for 30 minutes.**

Conclusion: Meets MPE limits

**Appendix A**

**Photographs**

---

INTENTIONALLY LEFT BLANK

# PHOTOS: RADIATED EMISSIONS: BICON

Notes:



# PHOTOS: RADIATED EMISSIONS: LOG

Notes:



**PHOTOS: RADIATED FIELD STRENGTH OF SPURIOUS EMISSIONS**

---

Notes:



**PHOTO: RF POWER OUTPUT, EMISSIONS LIMITATIONS  
GSM/TDMA, OCCUPIED BANDWIDTH  
GSM/TDMA, CONDUCTED SPURIOUS  
EMISSIONS AT ANTENNA TERMINALS**

Notes:

