

**Application for Certification
For an RF amplifier**

**Janizary Holdings Inc.
5330 Derry Ave, Suite F
Agoura Hills, CA 91301**

RF amplifier

FCC ID: RFK-LMSWDJH819

REPORT # RV48085A-002

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, 24, and 90 and other applicable sections of the rules as indicated herein.

Prepared By:

Kevin Meyers

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

20 Jan 2004

TEST LAB PERSONNEL

Test Performed by:	Date	Signature
Thomas Elders	20 Jan 2004	<i>Thomas Elders</i>

APPROVALS

Management Approval	Date	Signature
Les Payne Sr. Engineering Manager	10 Feb 2004	<i>Les Payne</i>

Original report RV48085A-001**Dated 20 Jan 2004****Revised report RV48085A-002****Dated 10 Feb 2004**

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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, 24, and 90. 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.



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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, and 90 on a sample of the production model.

1.4 Test Equipment

FIGURE 1: TEST EQUIPMENT

Description	Manufacturer	M / N	S / N	Cal Date	Test Used On
Signal Generator	Agilent	E4432B	GB40051213	09/24/04	RF Power Out put, Emissions Lim, Cond Spur, Rad Spur, CE
Signal Generator	Marconi	2024	112231/034	02/02/04	RF Power Out put, Emissions Lim, Cond Spur, Rad Spur, CE
Spectrum Analyzer Display	H/P	85662A	259101-1	01/10/05	RF Power Out put, Emissions Lim, Cond Spur, Rad Spur, CE
Spectrum Analyzer	H/P	8566B	259101-2	01/10/05	RF Power Out put, Emissions Lim, Cond Spur, Rad Spur, CE
Spec Analyzer Display	H/P	85662A	2318A05282	8/14/04	RE
Spectrum Analyzer	H/P	85680B	2049A01403	6/2/04	RE
Quasi-Peak Adapter	H/P	85650A	2043A00184	6/2/04	RE
Bicon Antenna	H/P	85650A	2043A00184	6/2/04	RE
Logarithmic Antenna	AH Systems	SAS-200/540	524	12/26/04	RE
DRG Antenna	EMCO	3146	1284	1/2/04	RE

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.

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. 5330 Derry Ave, Suite F Agoura Hills, CA 91301		
FRN:	0009486226		
Applicant is:	X	Manufacturer Vendor Licensee Prospective Licensee Other	
Name of Manufacturer	Janizary Holdings Inc.		
Description:	RF amplifier		
Part Number:	CA-819		
Anticipated Production Quantity:	Multiple Units		
Applicable FCC Parts:	22, 24, and 90		
FCC ID No:	Customer to provide		
FCC Emissions Designator:	22H	F8W	
	22H	F1D	
	22.901(d)	DXW	
	22.901(d)	F9W	
	24E	F8W	
	24E	F1D	
	24E	DXW	
	24E	F9W	
Frequency Range:	Uplink	824-849	MHz
	Uplink	1850-1910	MHz
	Downlink	869-894	MHz
	Downlink	1930-1990	MHz
Rated Output Power:	0.5W (27dBm)		

2.1033 (C) (2) FCC Identifier

FCC ID: RFK-LMSWDJH819

2.1033 (C) (4) Type of Emission

824.0 – 849.0 MHz	22H	F8W
824.0 – 849.0 MHz	22H	F1D
824.0 – 849.0 MHz	22.901(d)	DXW
824.0 – 849.0 MHz	22.901(d)	F9W
1850.0 – 1910.0 MHz	24E	F8W
1850.0 – 1910.0 MHz	24E	F1D
1850.0 – 1910.0 MHz	24E	DXW
1850.0 – 1910.0 MHz	24E	F9W

2.1033 (C) (5) Frequency Range

Uplink	824.0 – 849.0 MHz	Downlink	869.0 – 894.0 MHz
Uplink	1850.0 – 1910.0 MHz	Downlink	1930.0 – 1990.0 MHz

2.1033 (C) (6) Operating Power

Uplink	824.0 – 849.0 MHz	0.5W	(+27dBm)
Downlink	869.0 – 894.0 MHz	0.002W	(+ 3dBm)
Uplink	1850.0 – 1910.0 MHz	0.5W	(+27dBm)
Downlink	1930.0 – 1990.0 MHz	0.002W	(+ 3dBm)

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
Part 90	5

2.1033 (C) (8) Input Power Characteristics	10 - 60 mW Maximum
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2.1033 (C) (9) Tune Up Procedure	Customer will provide.
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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

NAME OF TEST	FCC PARA. NO.	RESULTS
RF Power Output	2.1046	Complies
Emissions Limitations: TDMA	2.1049	Complies
Emissions Limitations: GSM	2.1049	Complies
Occupied Bandwidth: TDMA/GSM	2.1049	Complies
Conducted Spurious Emissions at Antenna Terminals	2.1051	Complies
Radiated Field Strength of Spurious Emissions	2.1053	Complies
Radiated Emissions	15 Class B	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.

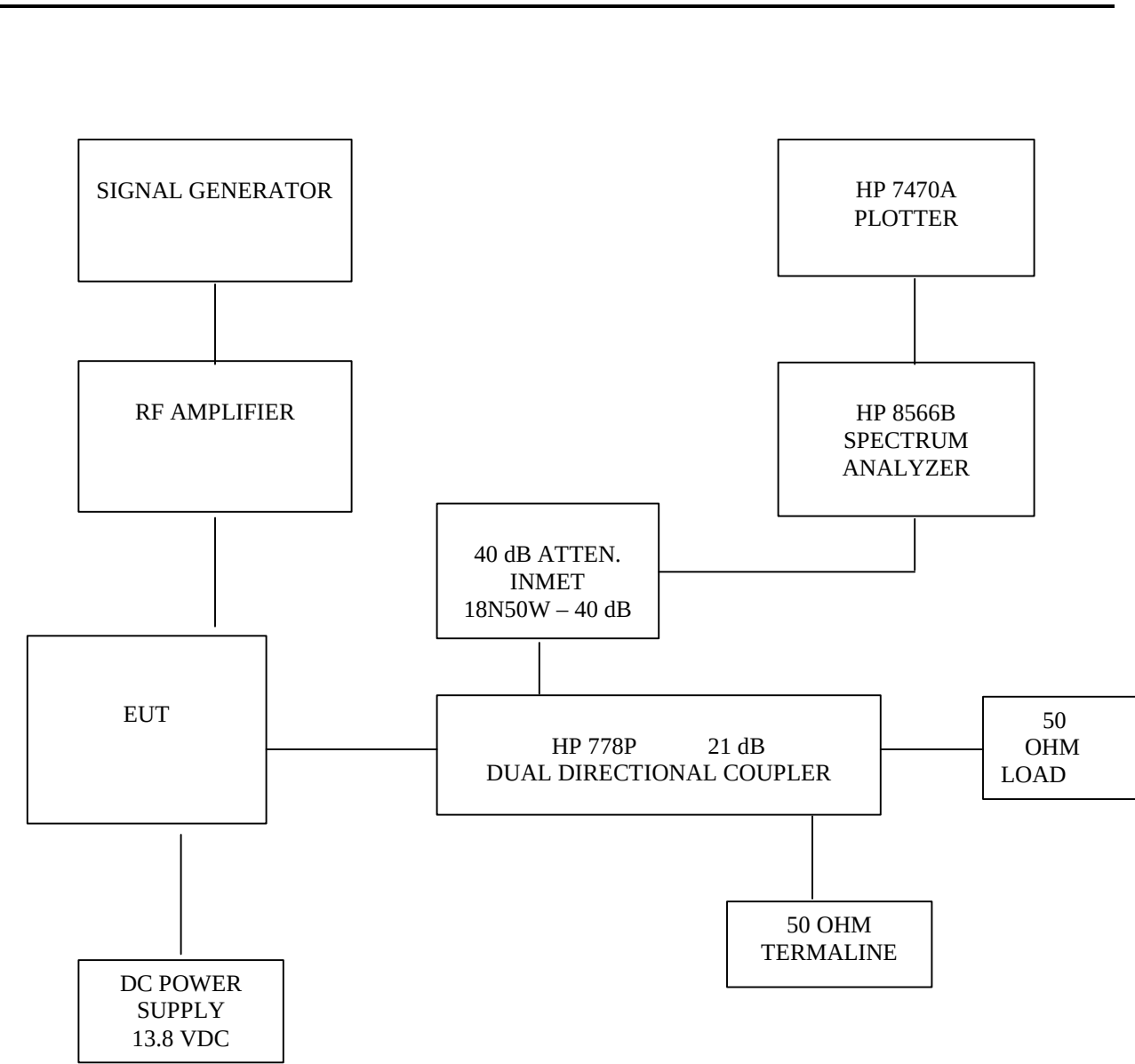
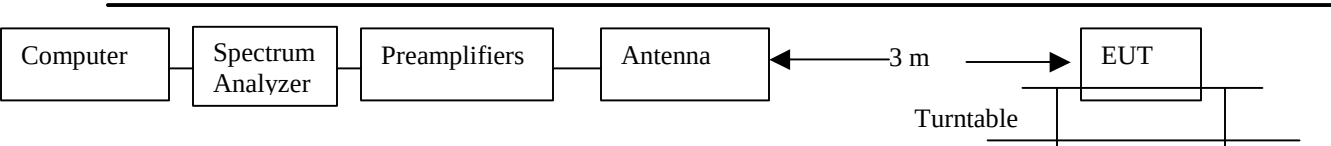


FIGURE 4: TEST SET UP BLOCK DIAGRAM FOR RADIATED EMISSIONS



2.1046 Measurement of RF Power Output

Definition: For RF amplifier

Test Method: See FIGURE 1.

Output Power is measured across a precision 50 ohm load with a Spectrum Analyzer. For the power measurement, CW (no modulation) is used. CW signal provided maximum emissions signature for all modulation types.

Test Results:

POWER OUTPUT MEASURED AT NOMINAL VOLTAGE WAS:

<u>Frequency (MHz)</u>	<u>Power (dBm)</u>	<u>Power (W)</u>
824	24.8dBm	.302W
836	27.2dBm	.525W
849	23.1dBm	.204W
1850	24.0dBm	.251W
1880	21.5dBm	.141W
1910	17.7dBm	.060W

FIGURE 5: OUTPUT POWER PLOTS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Output Power	
DNB Job Number:	RV48085A	Date: Jan 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Uplink 824MHz		

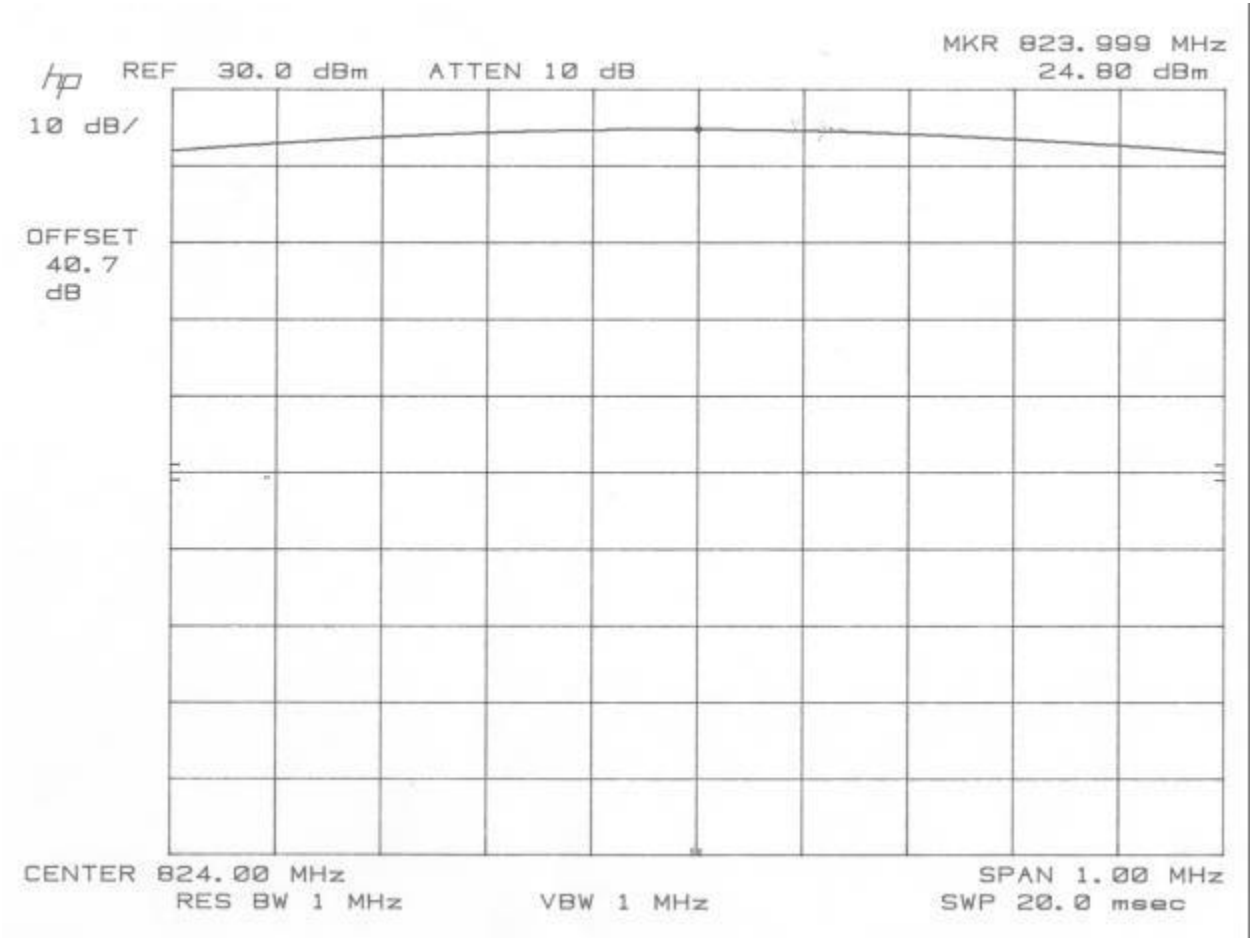


FIGURE 5: OUTPUT POWER PLOTS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Output Power	
DNR Job Number:	RV48085A	Date: Jan 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Uplink 836MHz		

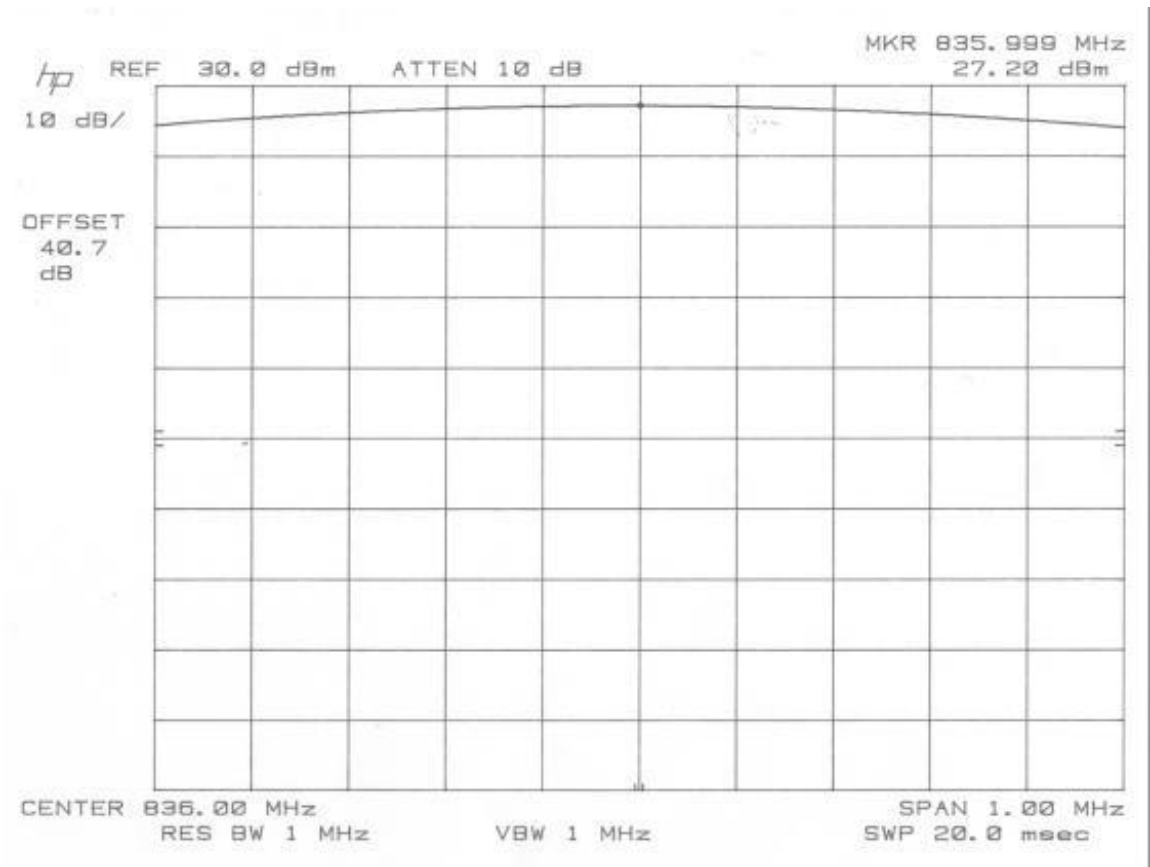


FIGURE 5: OUTPUT POWER PLOTS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Output Power	
DNR Job Number:	RV48085A	Date: Jan 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Uplink 849MHz		

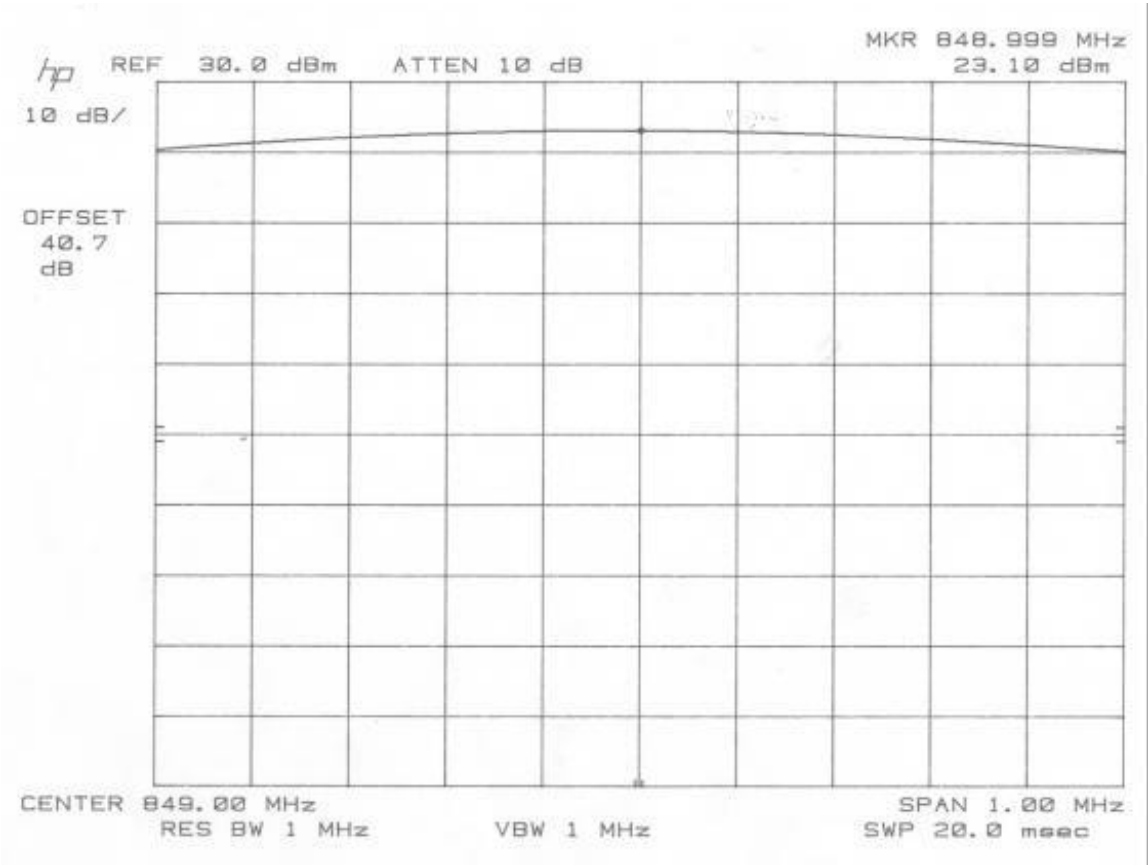


FIGURE 5: OUTPUT POWER PLOTS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Output Power	
DNR Job Number:	RV48085A	Date: Jan 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Uplink 1850MHz		

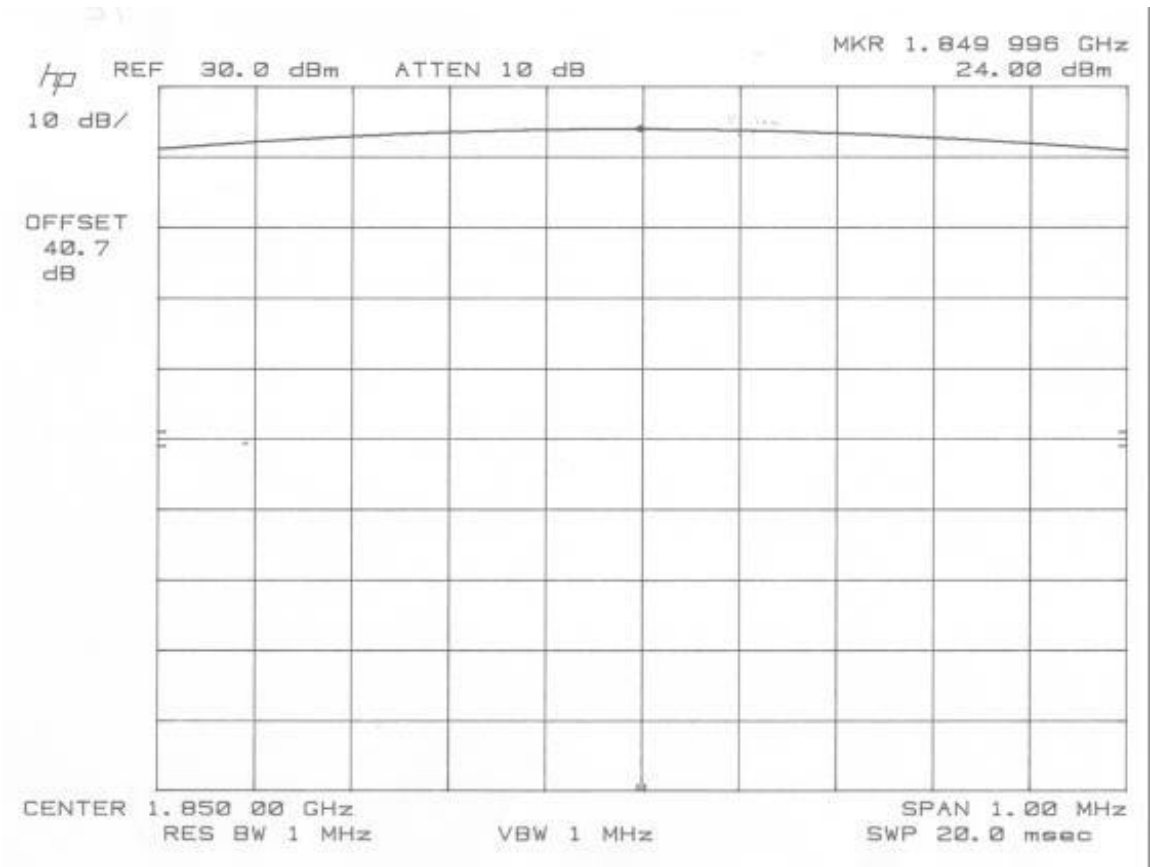


FIGURE 5: OUTPUT POWER PLOTS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Output Power		
DNR Job Number:	RV48085A	Date: Jan 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90	
Customer:	Janizary Holdings Inc			
Model Number:	CA-819	Serial Number:		
Description:	RF amplifier			
	Uplink 1880MHz			

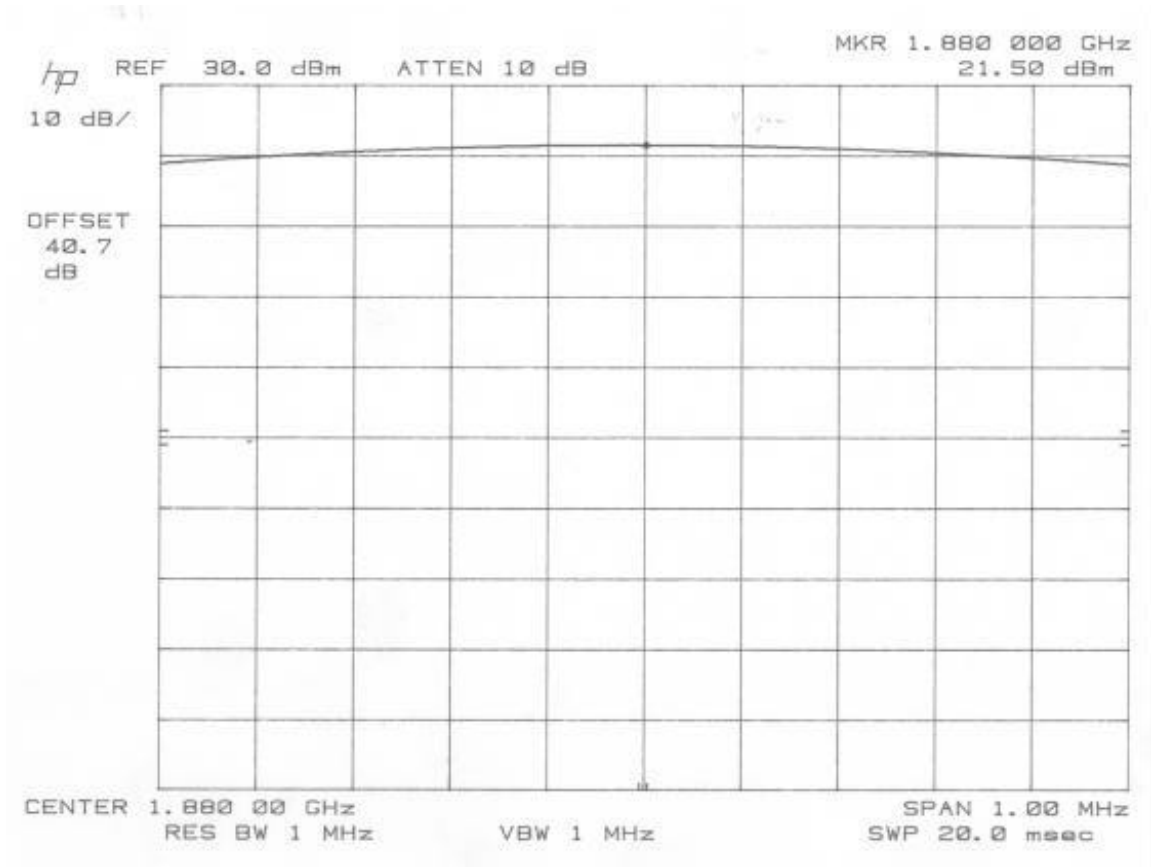


FIGURE 5: OUTPUT POWER PLOTS, UPLINK.

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Output Power	
DNB Job Number:	RV48085A	Date: Jan 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Uplink 1910MHz		

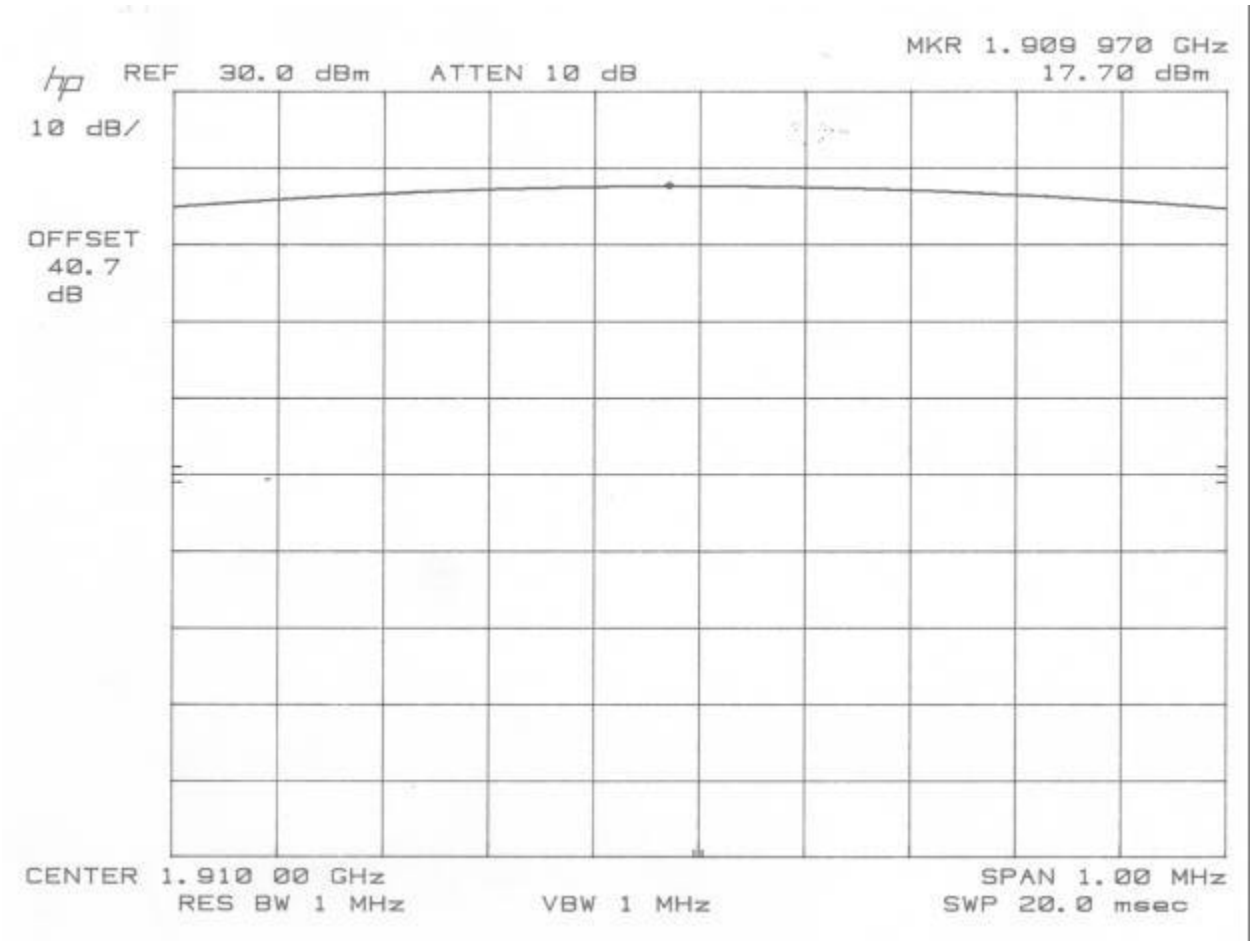


FIGURE 5: OUTPUT POWER PLOTS, DOWNLINK.

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Output Power	
DNR Job Number:	RV48085A	Date: 9 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Downlink – 869MHz		

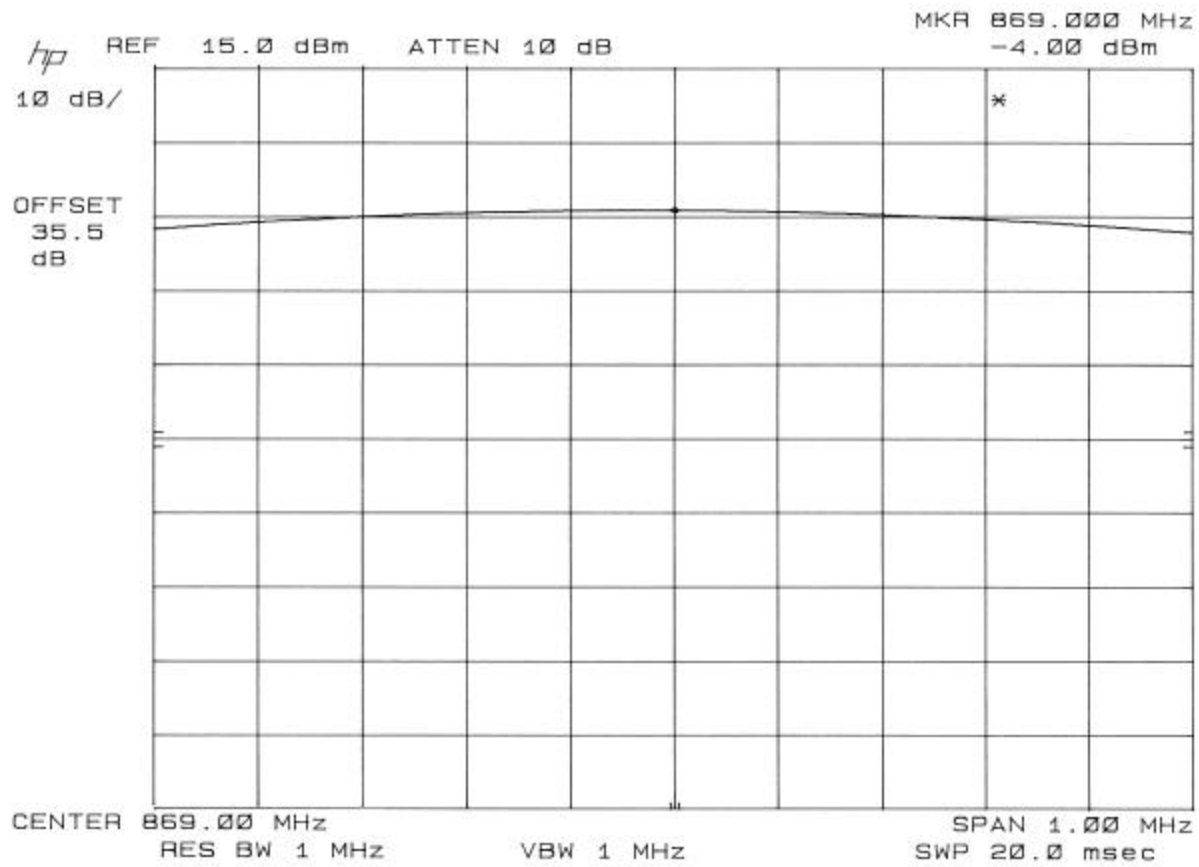


FIGURE 5: OUTPUT POWER PLOTS, DOWNLINK.

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Output Power	
DNB Job Number:	RV48085A	Date: 9 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Downlink – 881.5MHz		

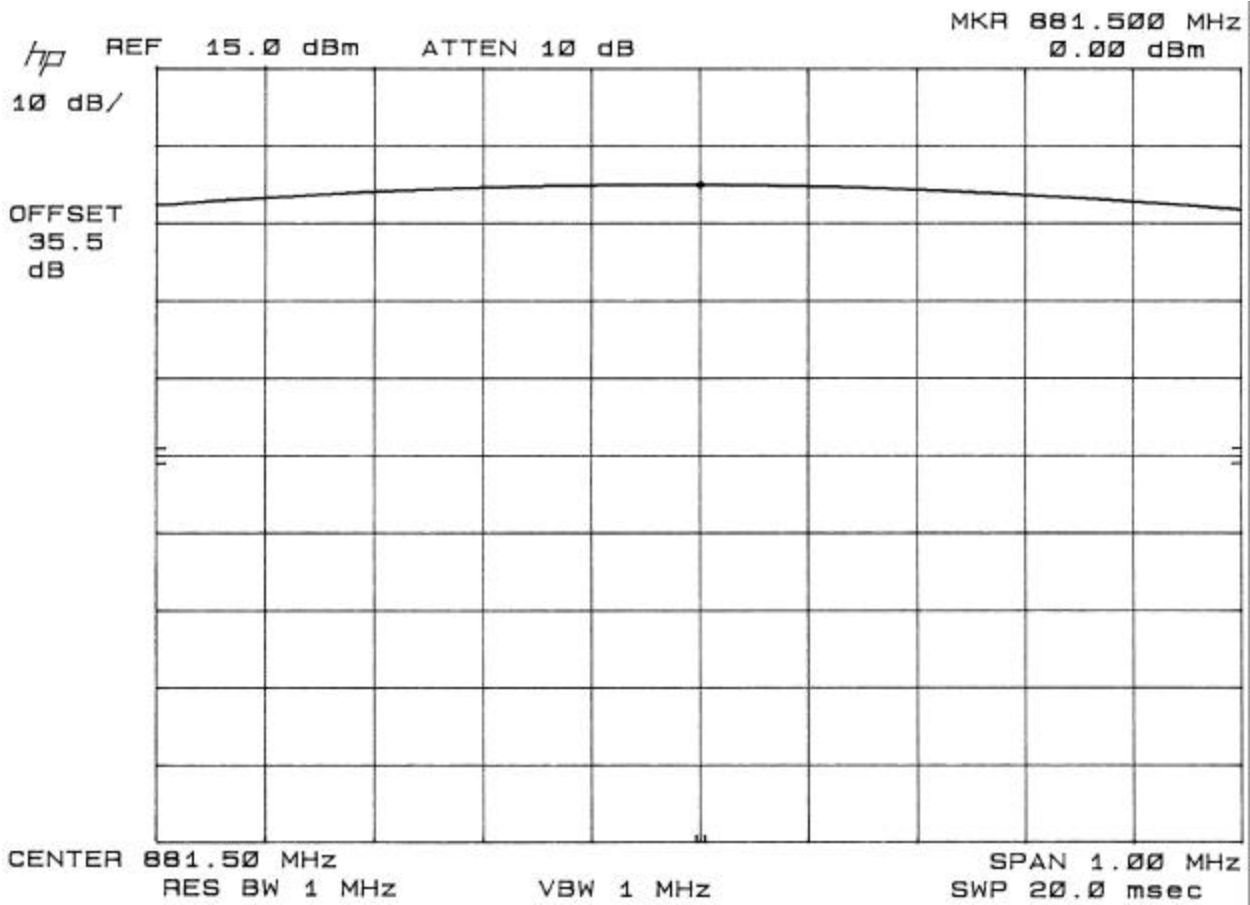


FIGURE 5: OUTPUT POWER PLOTS, DOWNLINK.

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Output Power	
DNB Job Number:	RV48085A	Date: 9 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Downlink – 894MHz		

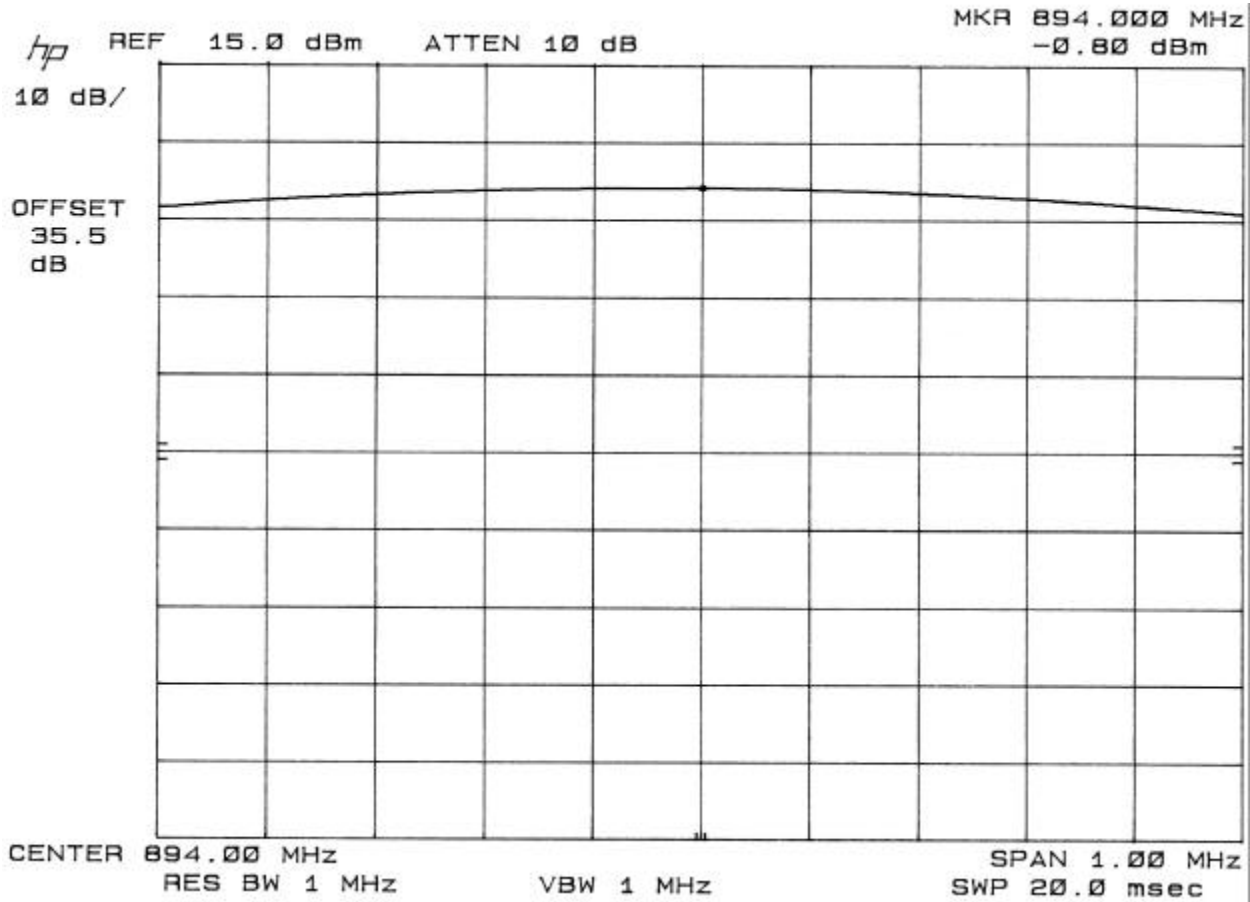


FIGURE 5: OUTPUT POWER PLOTS, DOWNLINK.

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Output Power	
DNR Job Number:	RV48085A	Date: 9 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Downlink – 1930MHz		

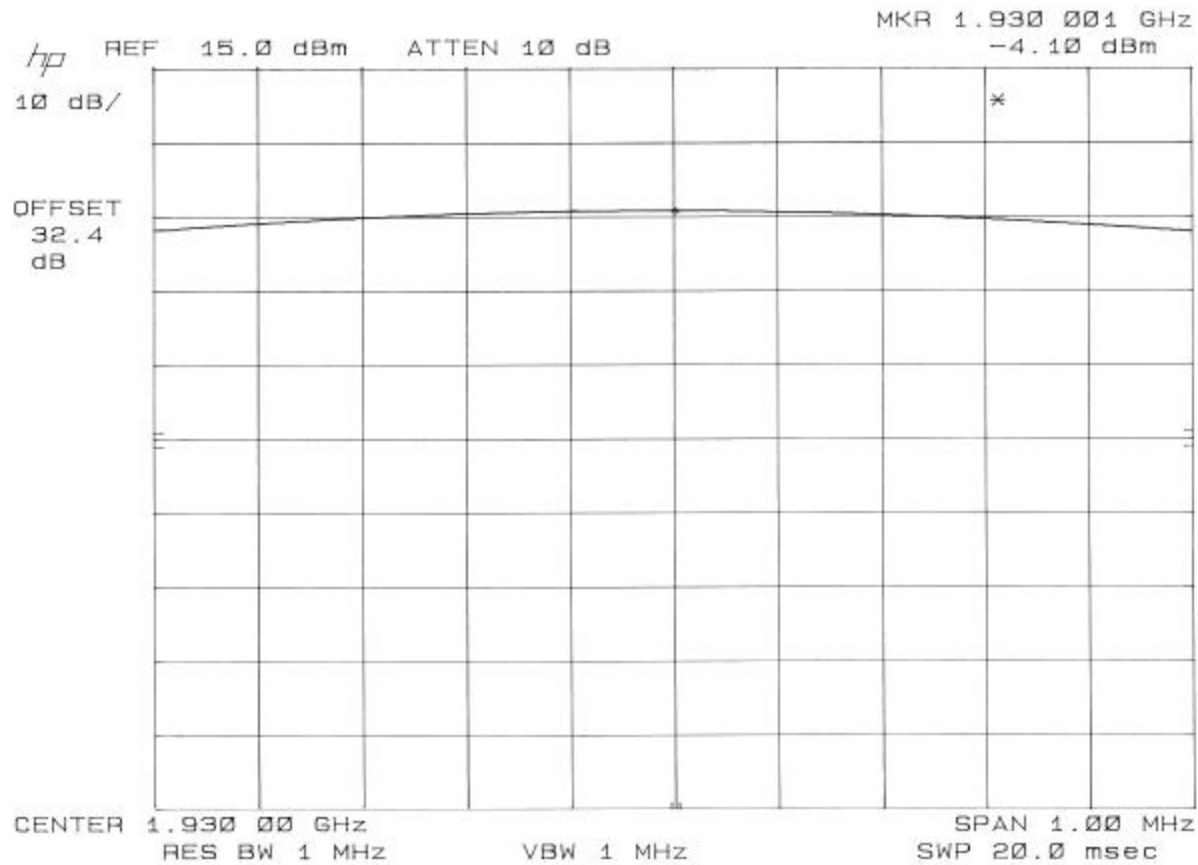


FIGURE 5: OUTPUT POWER PLOTS, DOWNLINK.

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Output Power	
DNR Job Number:	RV48085A	Date: 9 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Downlink – 1960MHz		

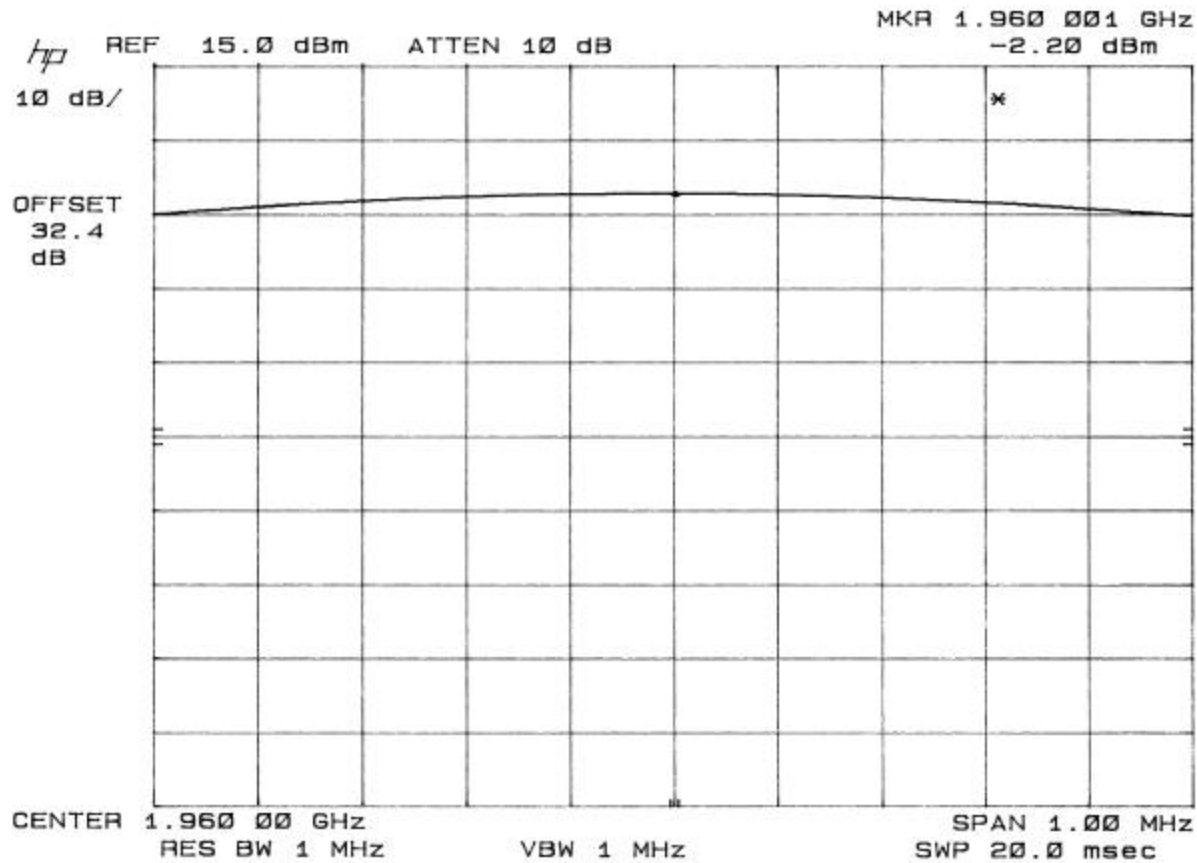
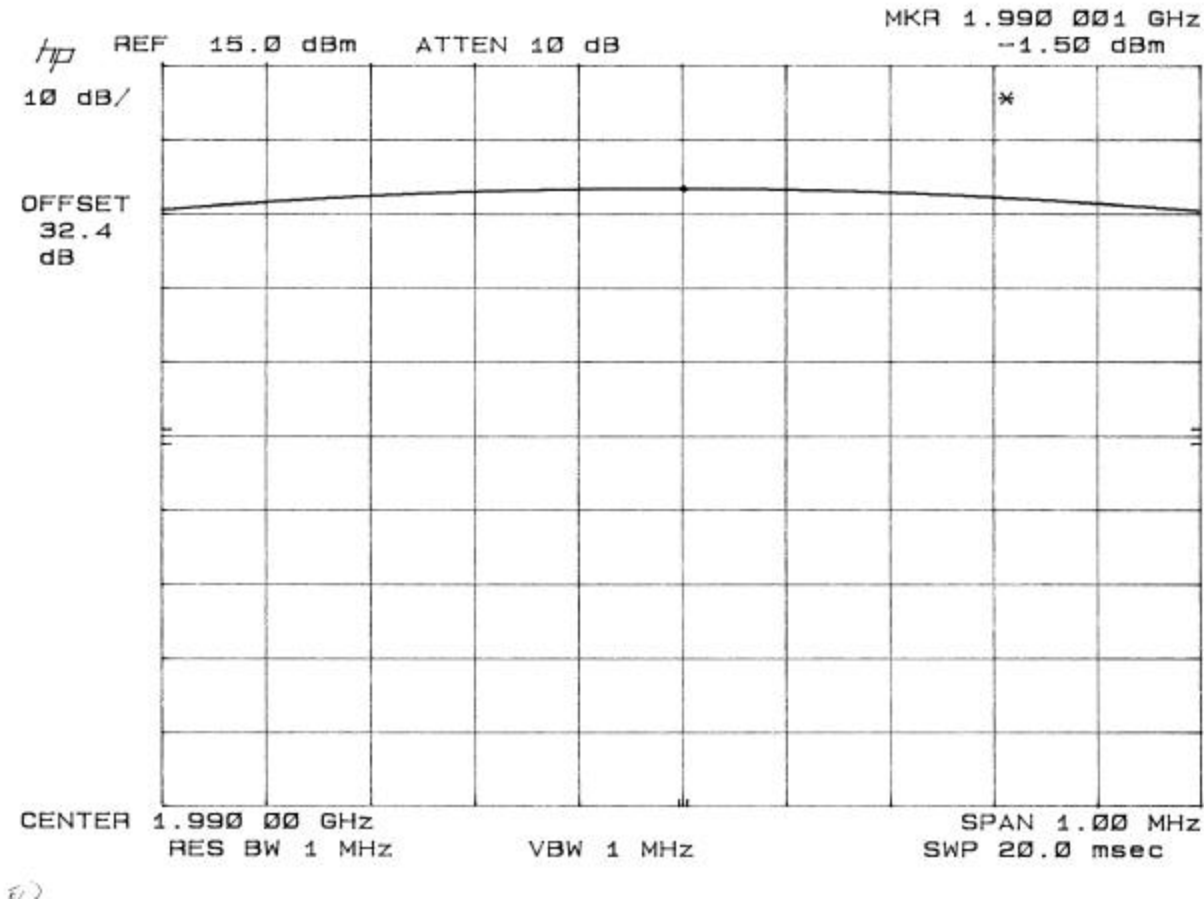


FIGURE 5: OUTPUT POWER PLOTS, DOWNLINK.

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Output Power	
DNB Job Number:	RV48085A	Date: 9 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Downlink – 1990MHz		



2.1049 Measurement of Occupied Bandwidth

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.

Measurements were made while the driving source generated the following:

CW signal
TDMA Signal
GSM Signal
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.

Inter-modulation test are required for the downlink only as this device is a single use channel device and is to be dedicated to one phone, therefore only one channel uplink can be active at any given time.

Modulation characteristic plots are shown in this section.

FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: Jan 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Uplink		
	Signal Source - CW – Input – 825MHz		

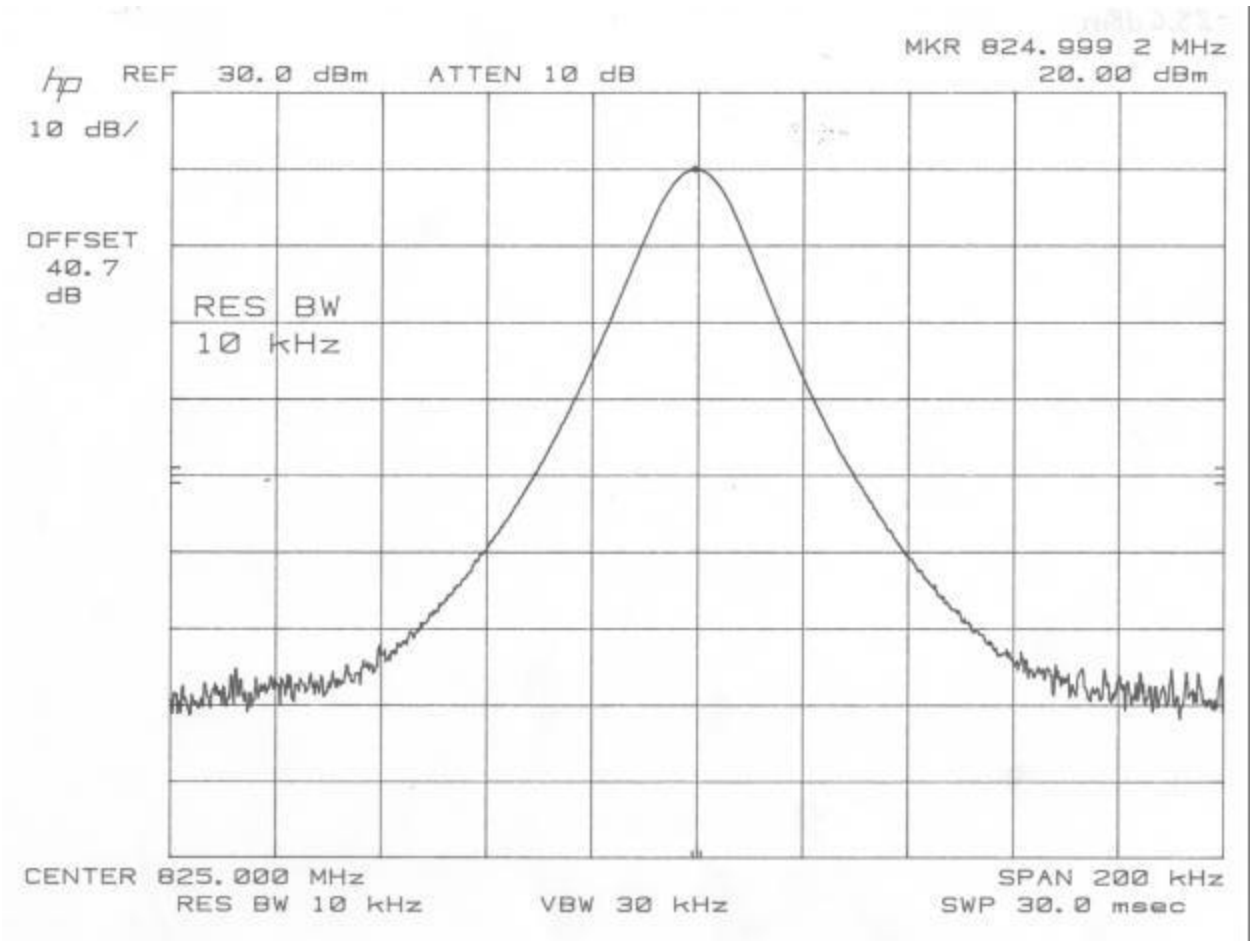


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNR Job Number:	RV48085A	Date:	Jan 2004
Customer:	Janizary Holdings Inc	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90	
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Uplink		
	Signal Source – CW – Output – 825MHz		

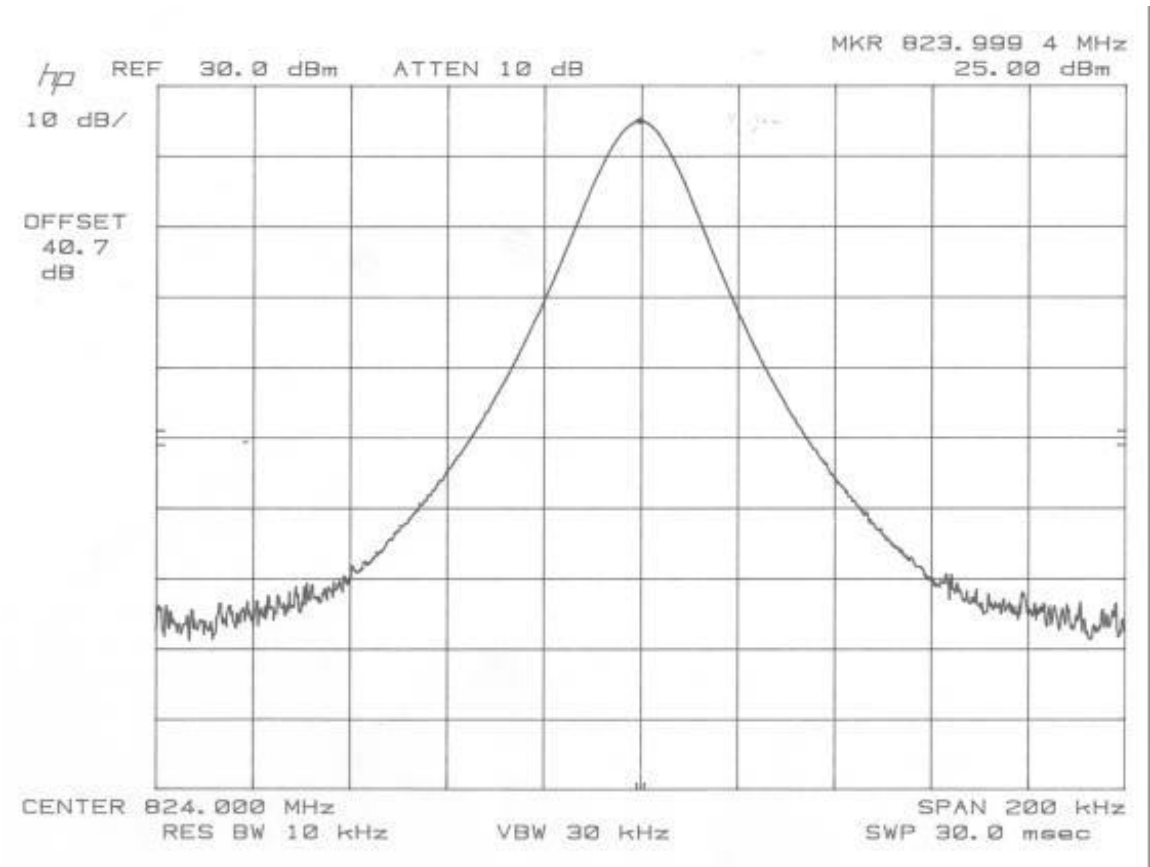


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: Jan 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier Uplink Signal Source – CW – Input – 836MHz		

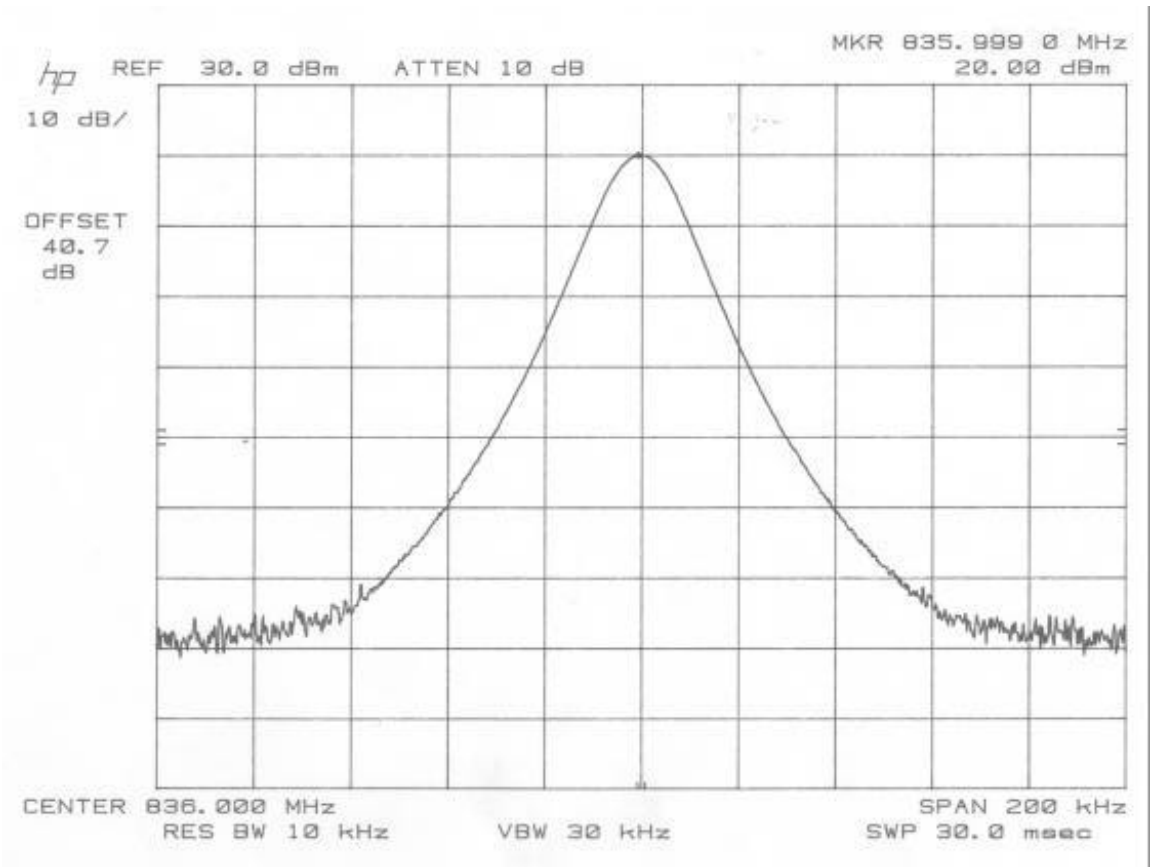


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: Jan 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Uplink		
	Signal Source – CW – Output – 836MHz		

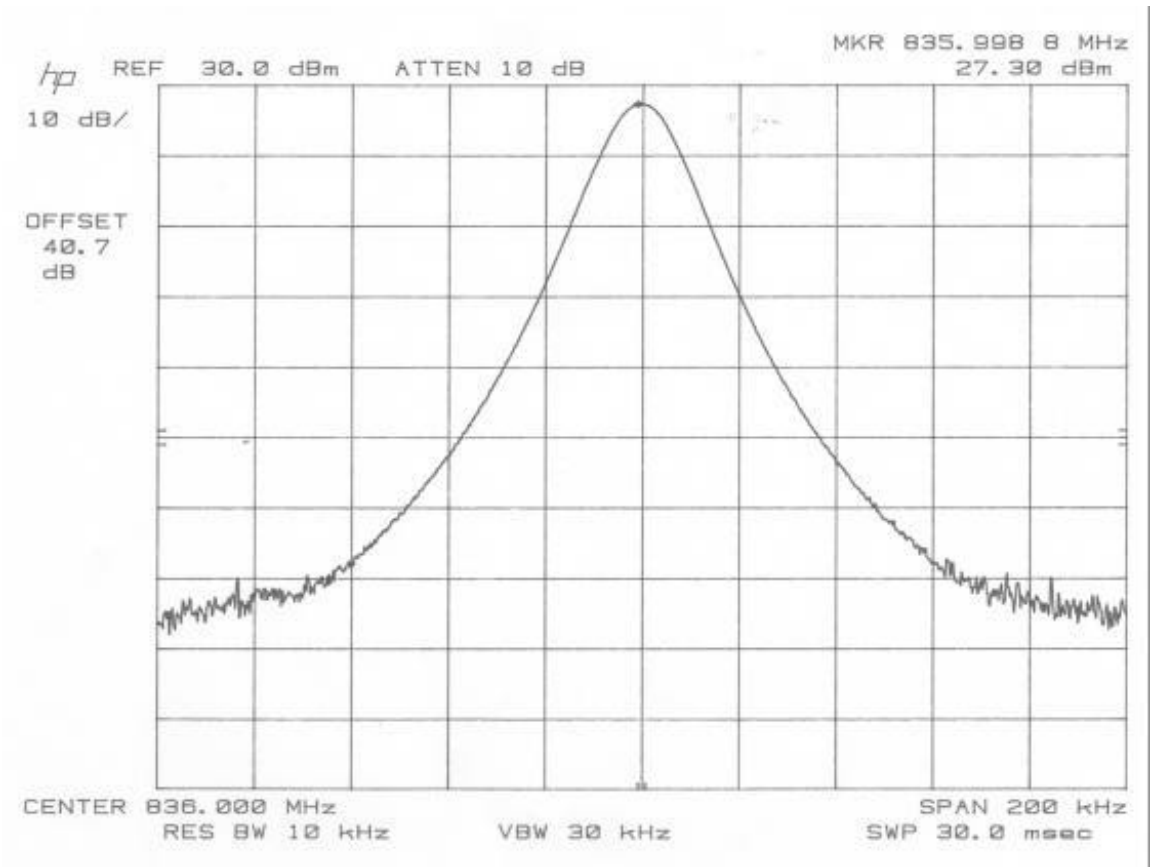


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNR Job Number:	RV48085A	Date: Jan 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier Uplink Signal Source – CW – Input – 849MHz		

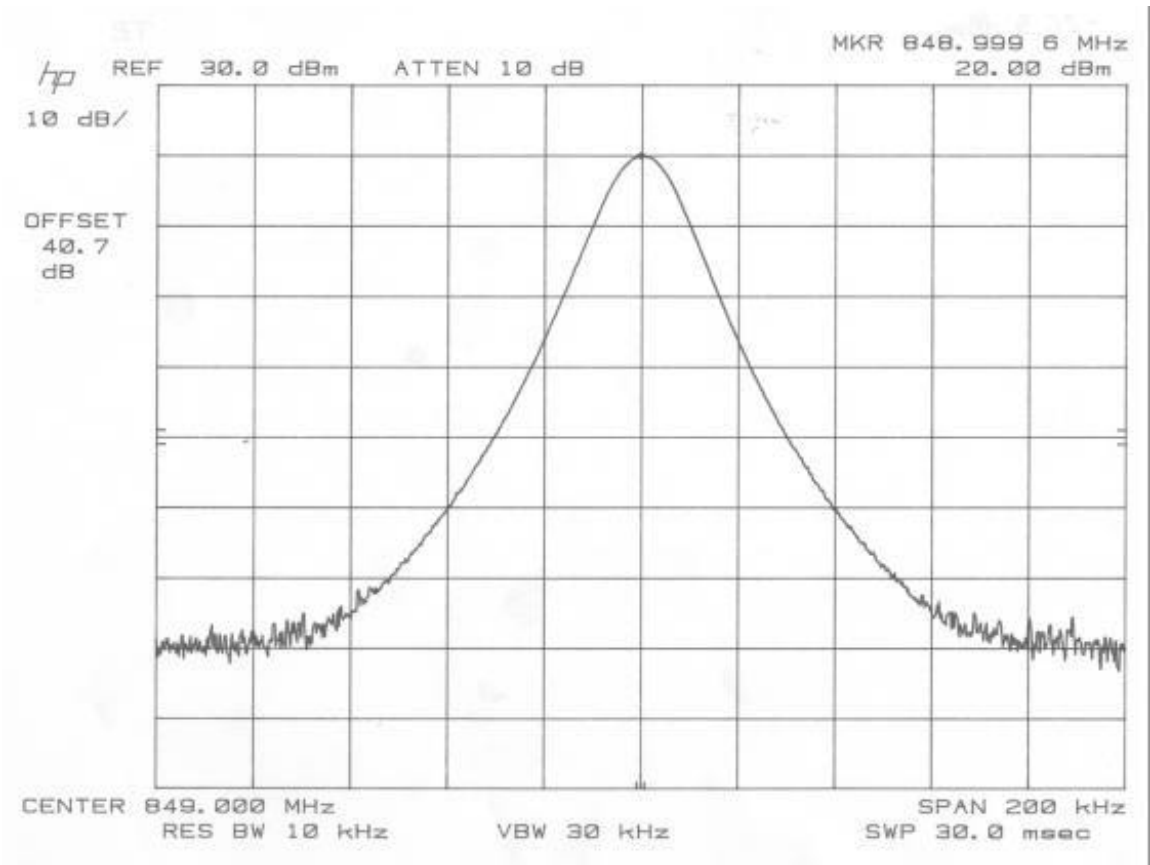


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: Jan 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Uplink		
	Signal Source – CW – Output – 849MHz		

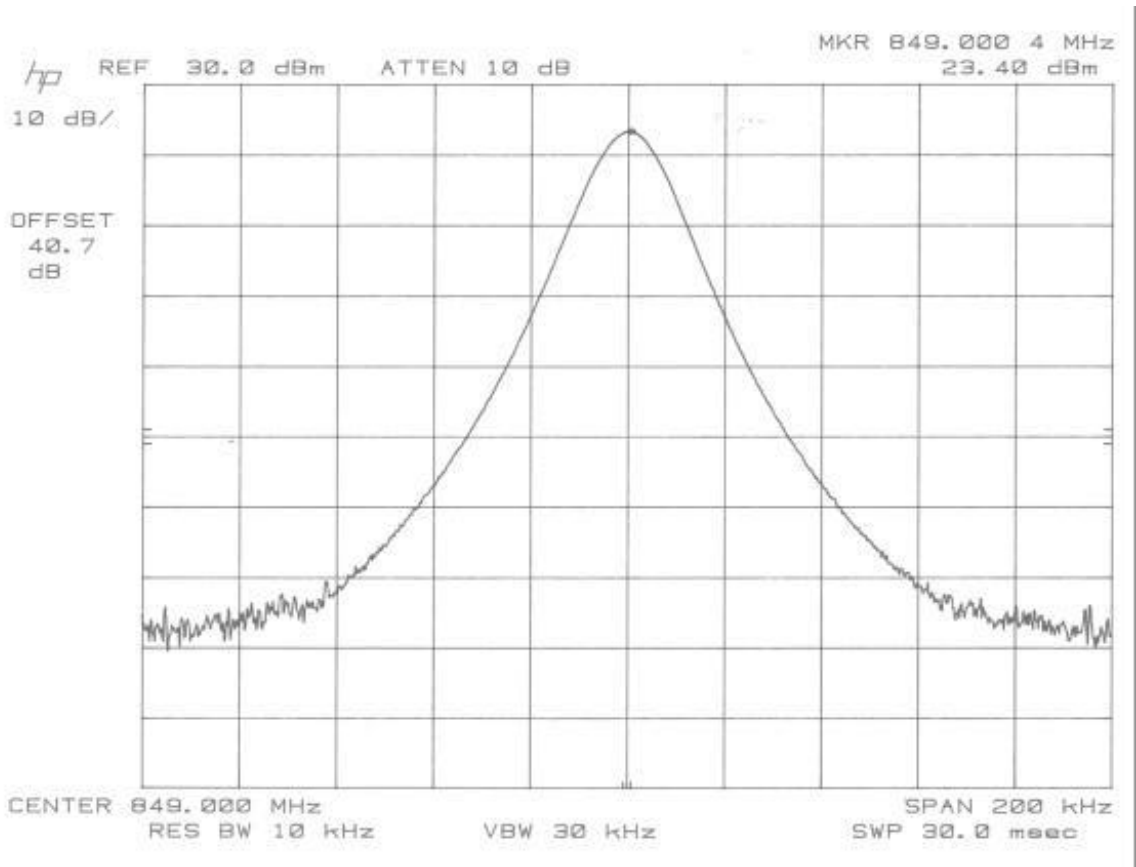


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date:	Jan 2004
Customer:	Janizary Holdings Inc	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90	
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Uplink		
	Signal Source – CW – Input – 1850MHz		

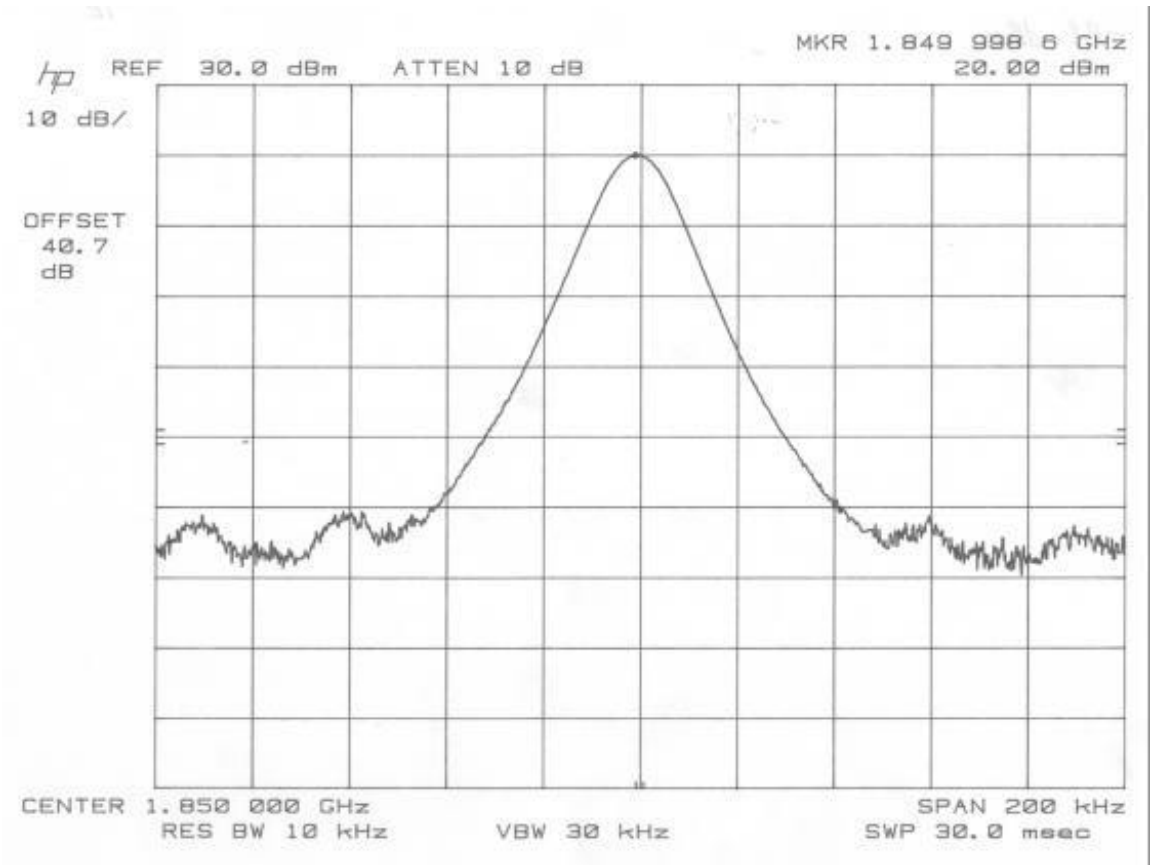


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth		
DNB Job Number:	RV48085A	Date:	Jan 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc			
Model Number:	CA-819	Serial Number:		
Description:	RF amplifier			
	Uplink			
	Signal Source – CW – Output – 1850MHz			

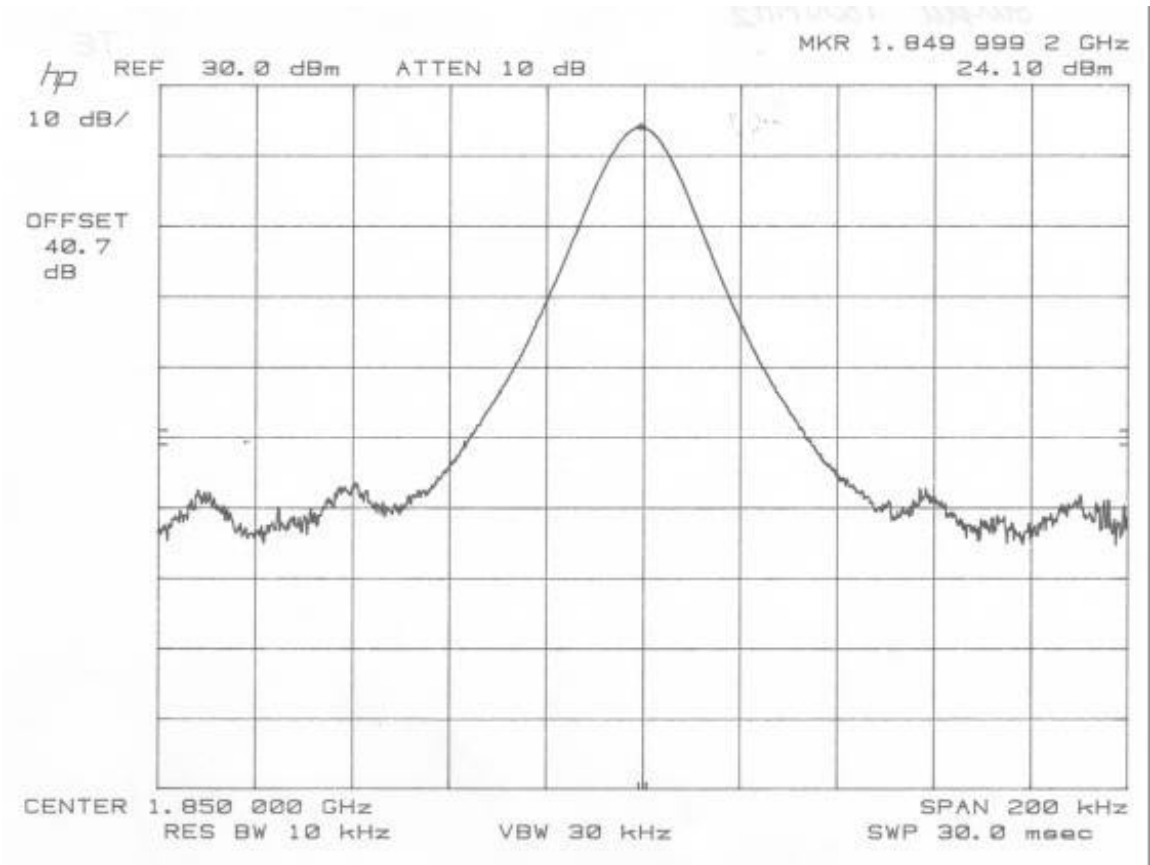


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth		
DNB Job Number:	RV48085A	Date:	Jan 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc			
Model Number:	CA-819	Serial Number:		
Description:	RF amplifier			
	Uplink			
	Signal Source - CW – Input – 1880MHz			

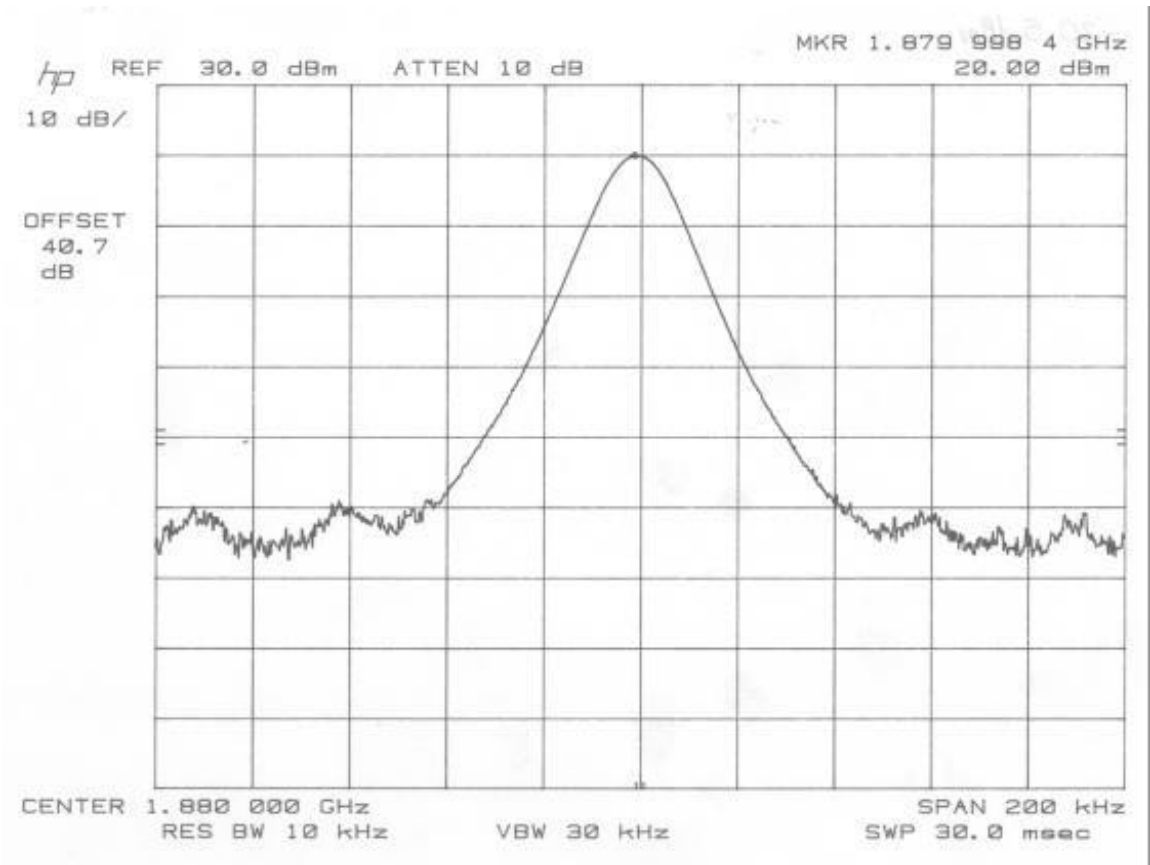


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth		
DNR Job Number:	RV48085A	Date:	Jan 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc			
Model Number:	CA-819	Serial Number:		
Description:	RF amplifier			
	Uplink			
	Signal Source - CW – Output – 1880MHz			

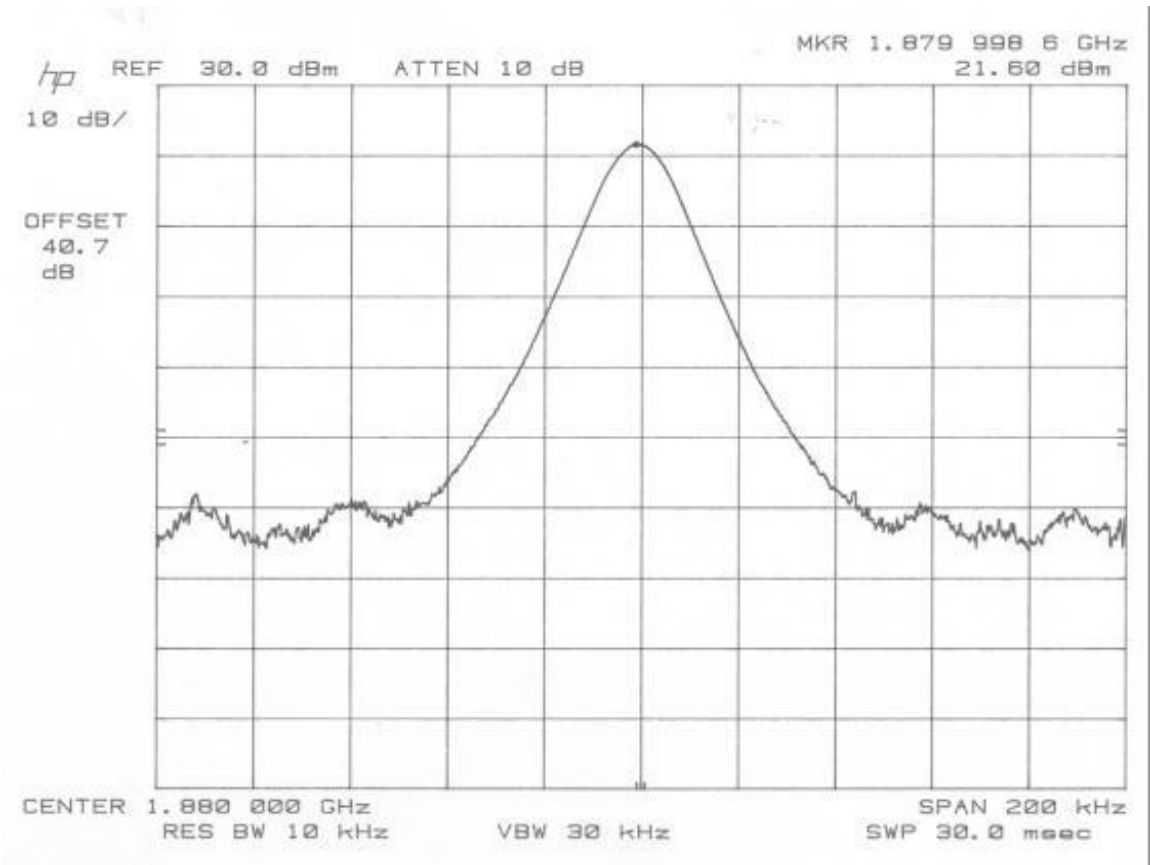


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: Jan 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Uplink		
	Signal Source - CW – Input – 1910MHz		

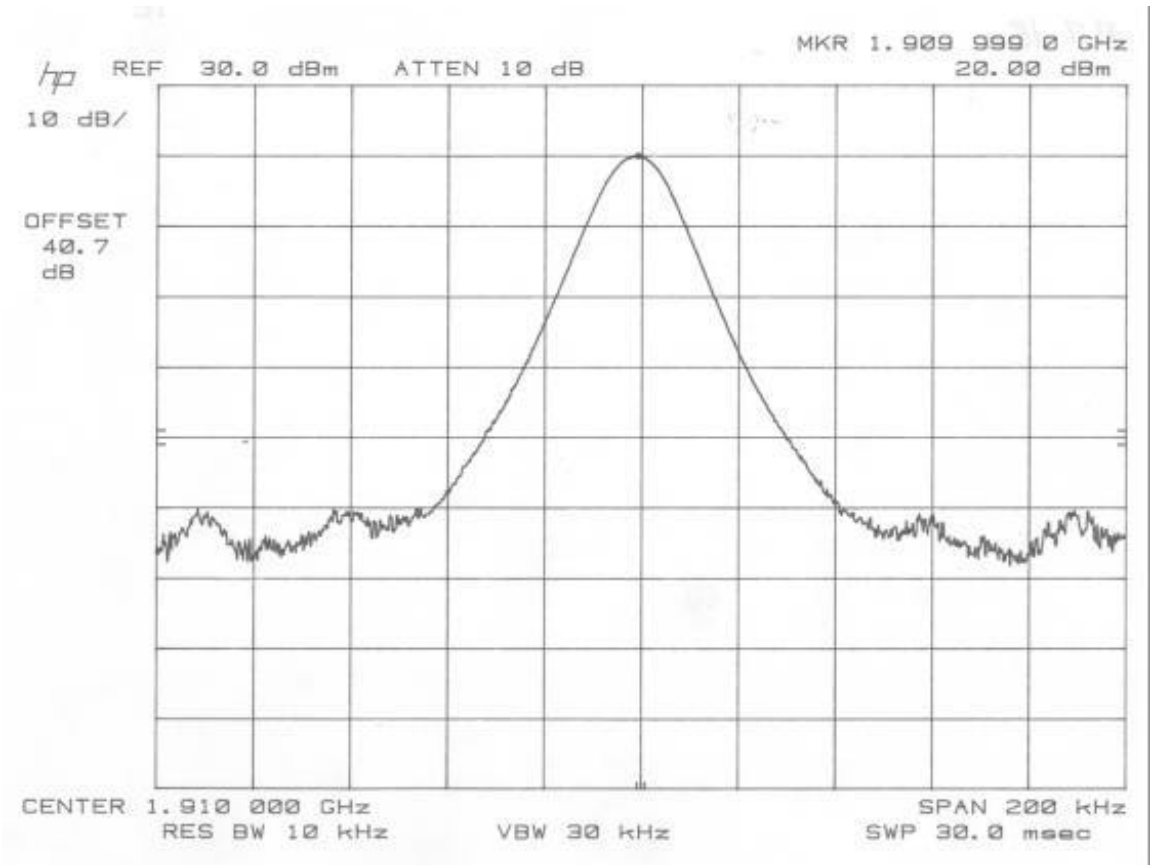


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth		
DNB Job Number:	RV48085A	Date:	Jan 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc			
Model Number:	CA-819	Serial Number:		
Description:	RF amplifier			
	Uplink			
	Signal Source - CW – Output – 1910MHz			

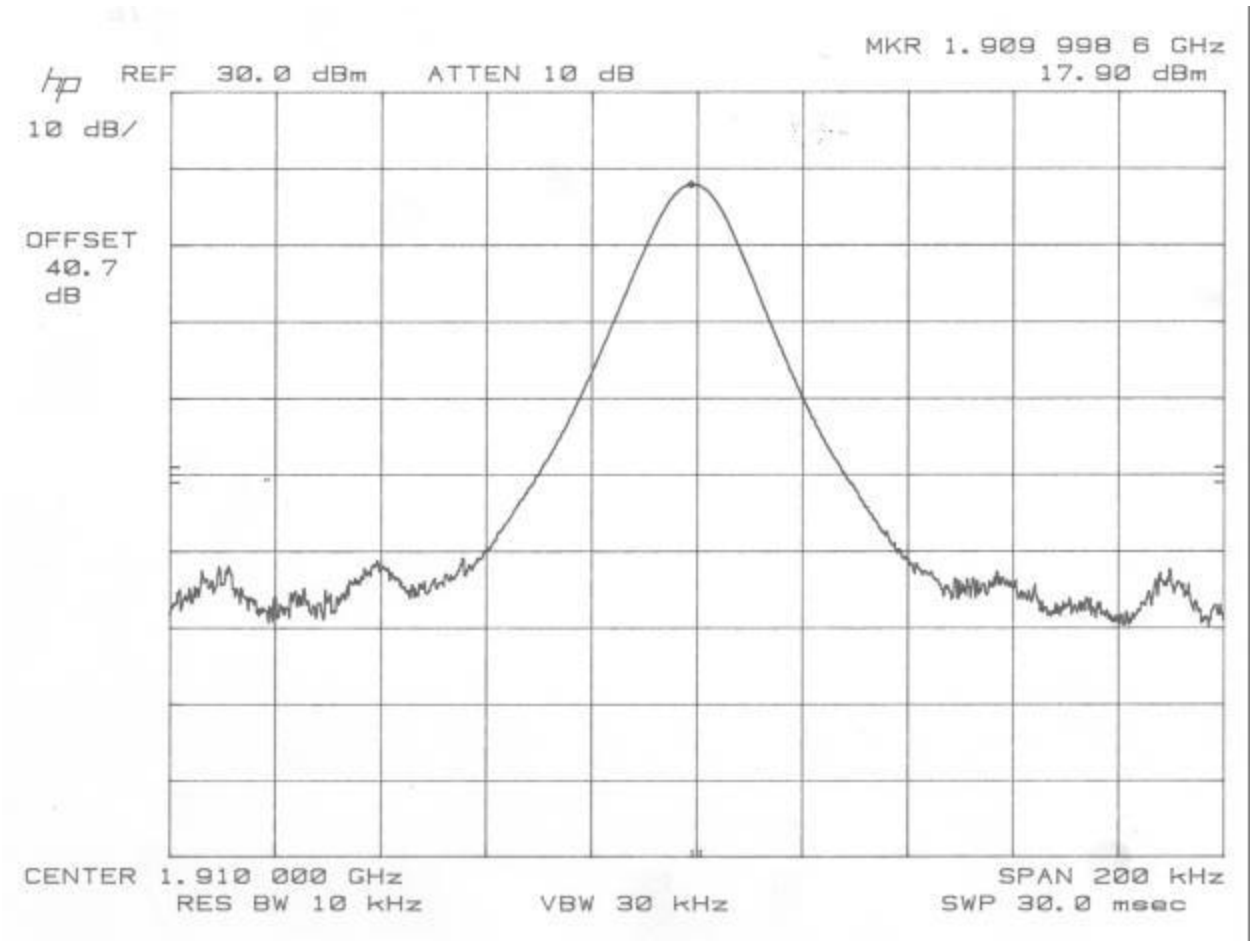


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: 9 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier Uplink Signal Source - GSM – Input – 824MHz		

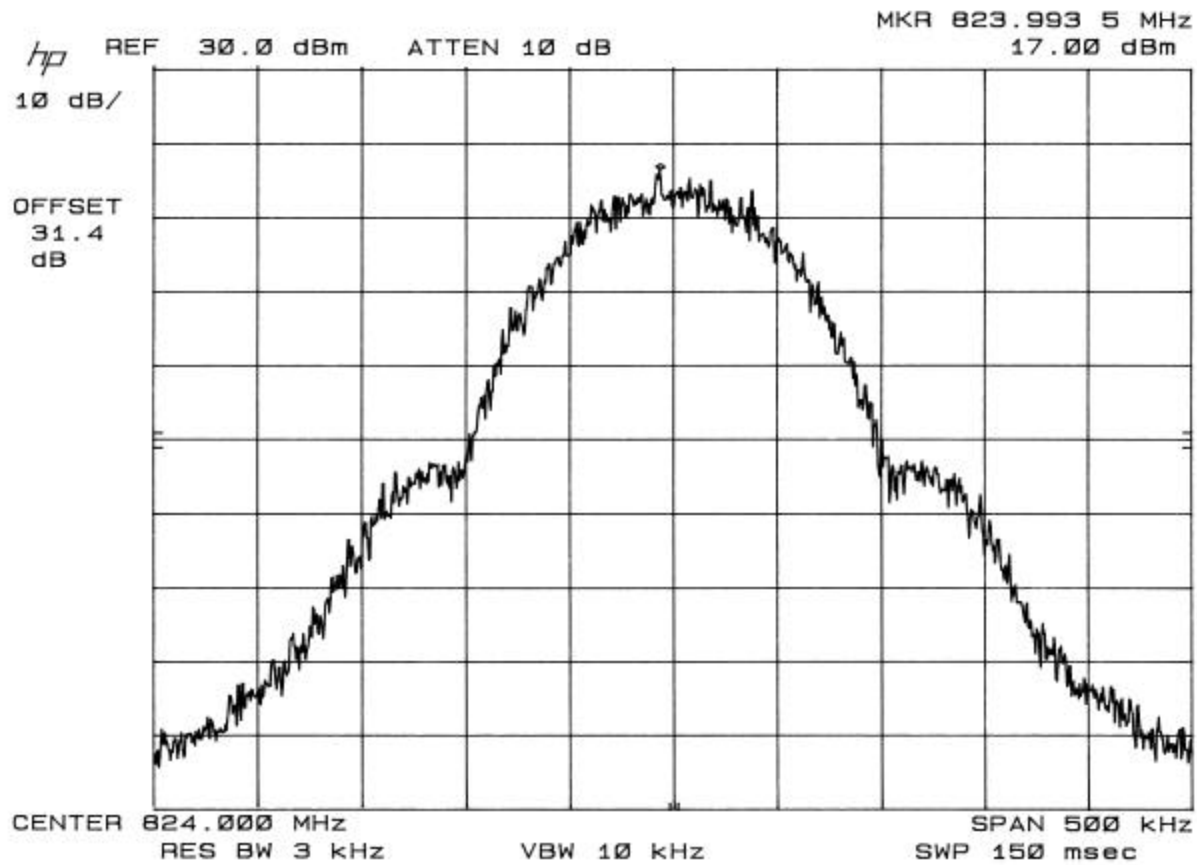


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: 9 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Uplink		
	Signal Source - GSM – Output – 824MHz		

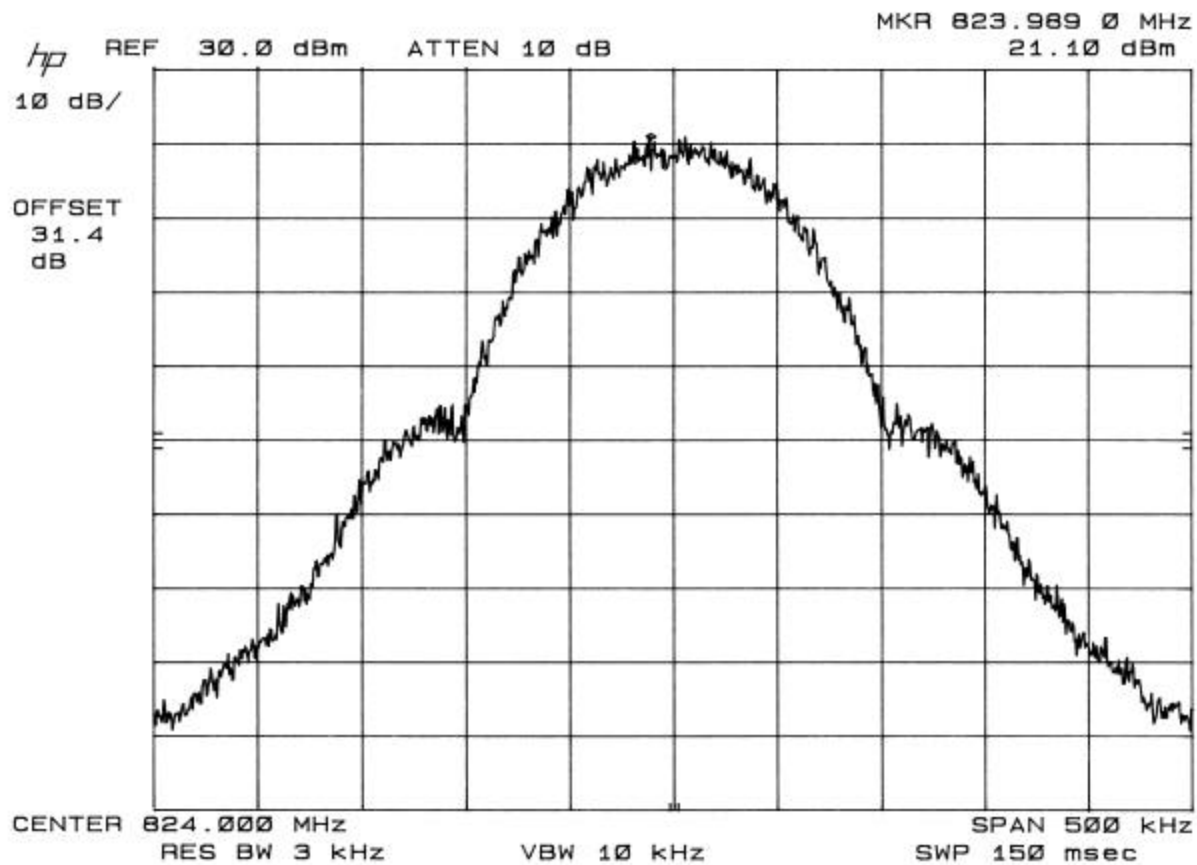


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date:	9 Feb 2004
Customer:	Janizary Holdings Inc	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90	
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Uplink		
	Signal Source - GSM – Input – 836MHz		

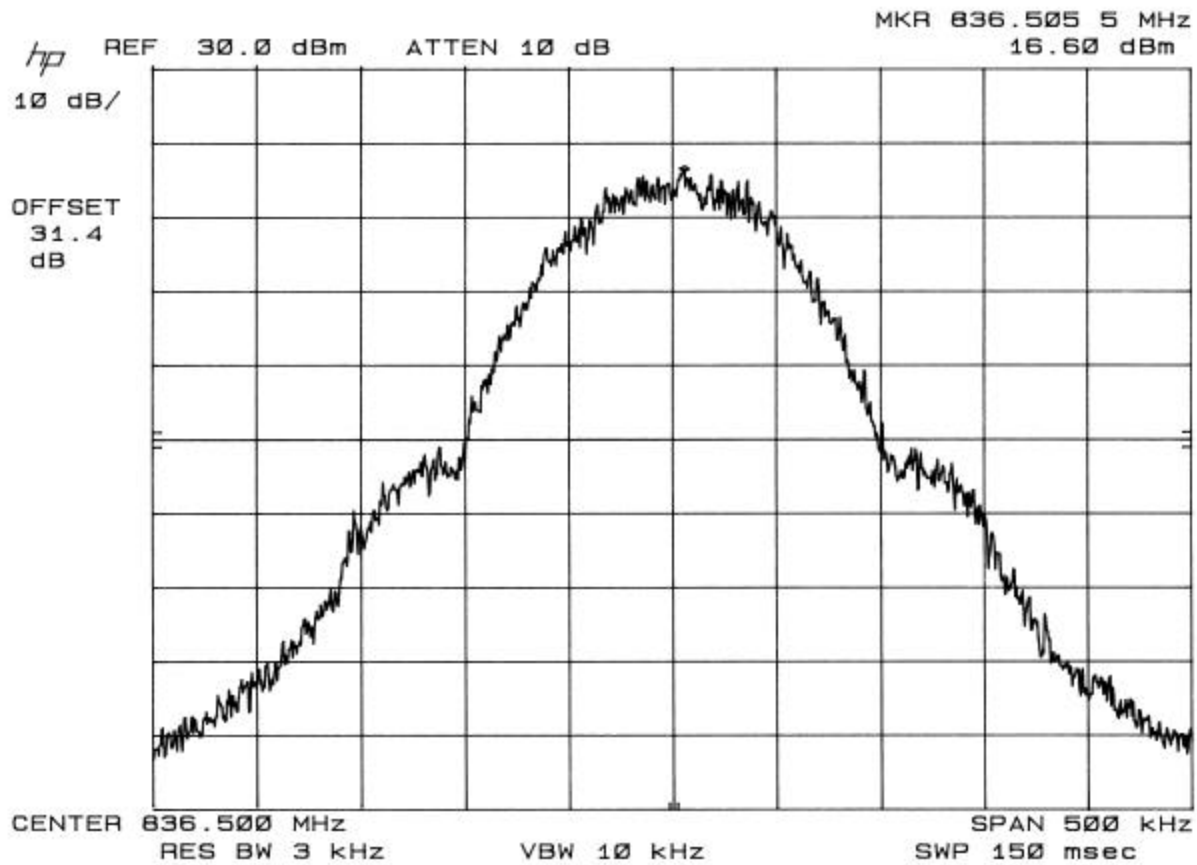


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth		
DNB Job Number:	RV48085A	Date:	9 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc			
Model Number:	CA-819	Serial Number:		
Description:	RF amplifier			
	Uplink			
	Signal Source - GSM – Output – 836MHz			

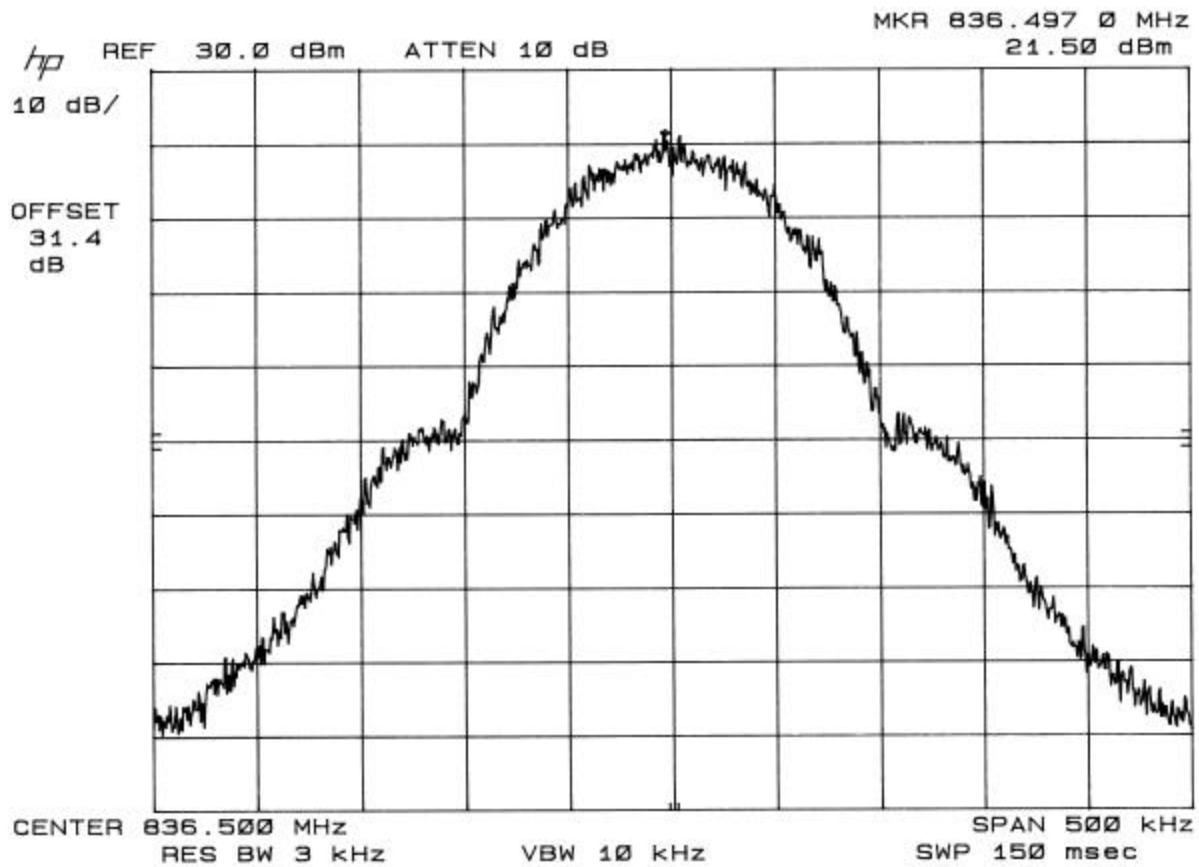


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: 9 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier Uplink Signal Source - GSM – Input – 849MHz		

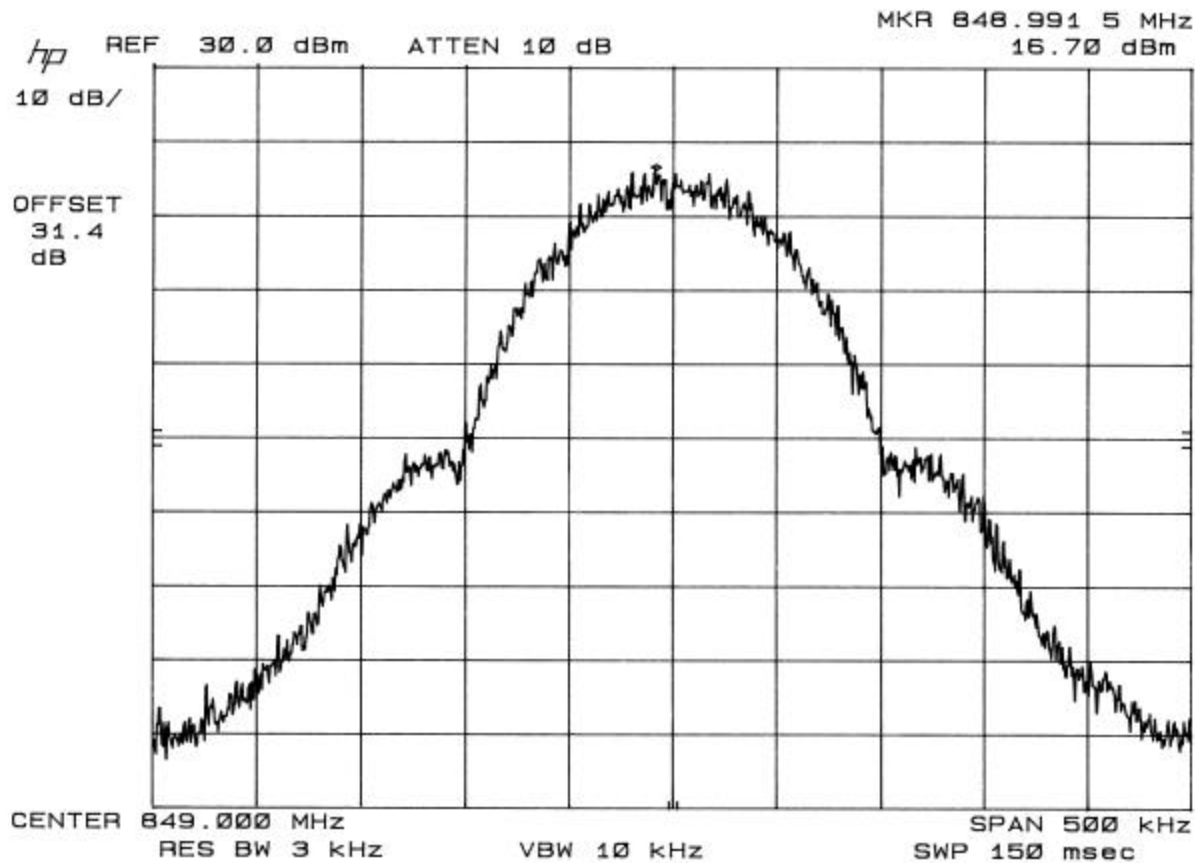


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: 9 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Uplink		
	Signal Source - GSM – Output – 849MHz		

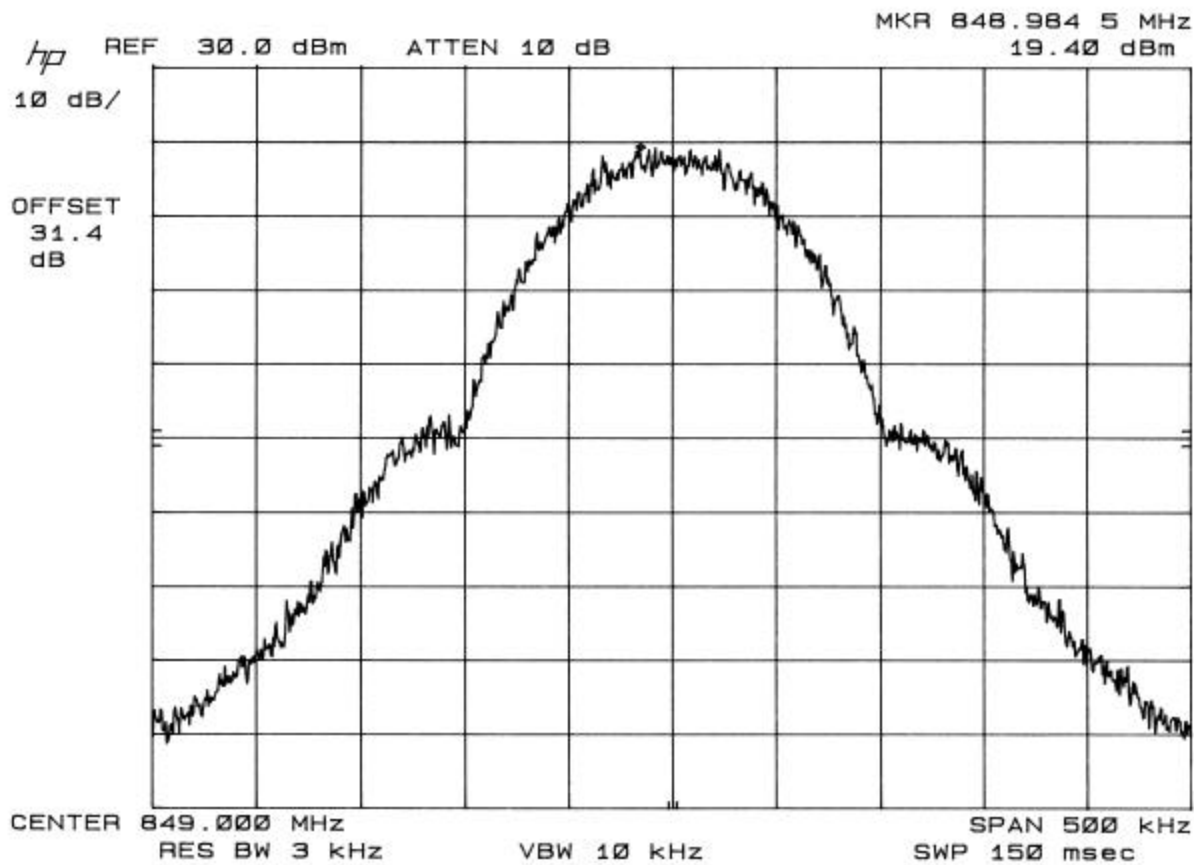


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: 9 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier Uplink Signal Source - GSM – Input – 1850MHz		

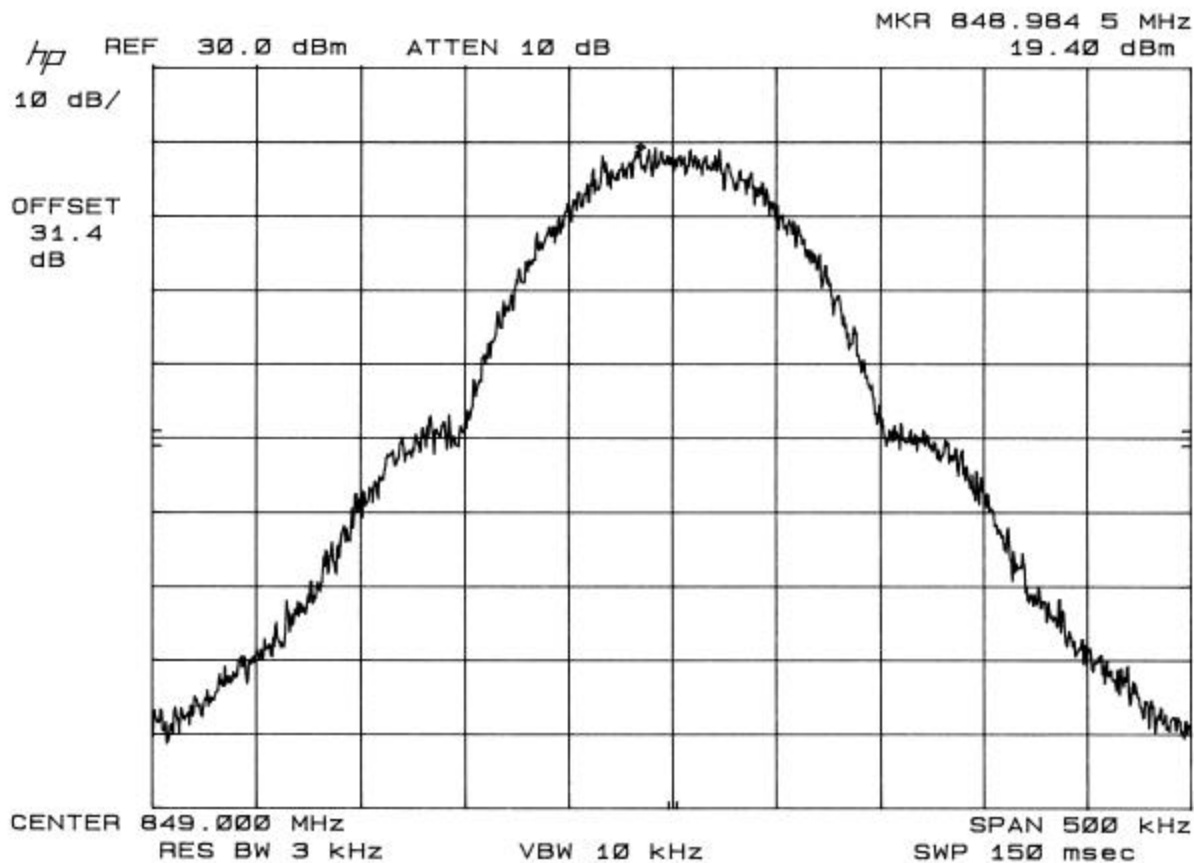


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: 9 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Uplink		
	Signal Source - GSM – Output – 1850MHz		

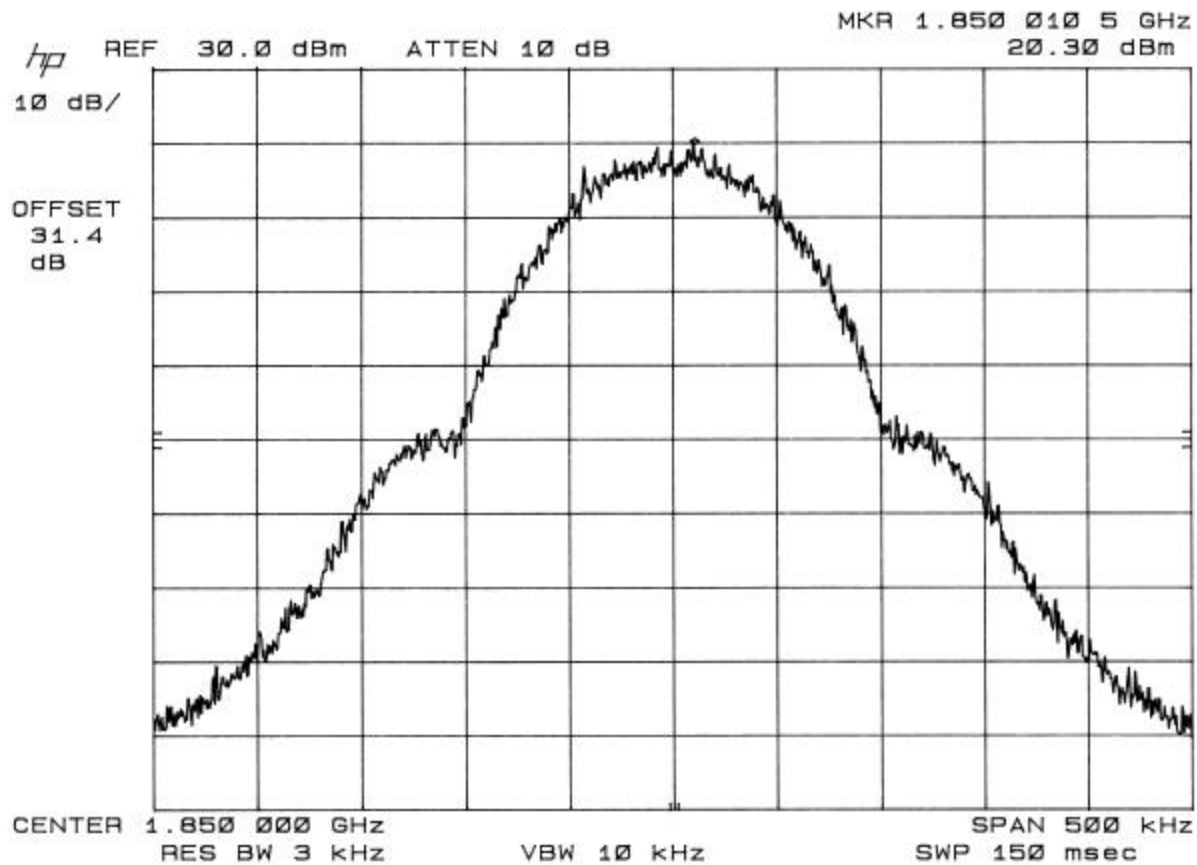


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: 9 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Uplink		
	Signal Source - GSM – Input – 1880MHz		

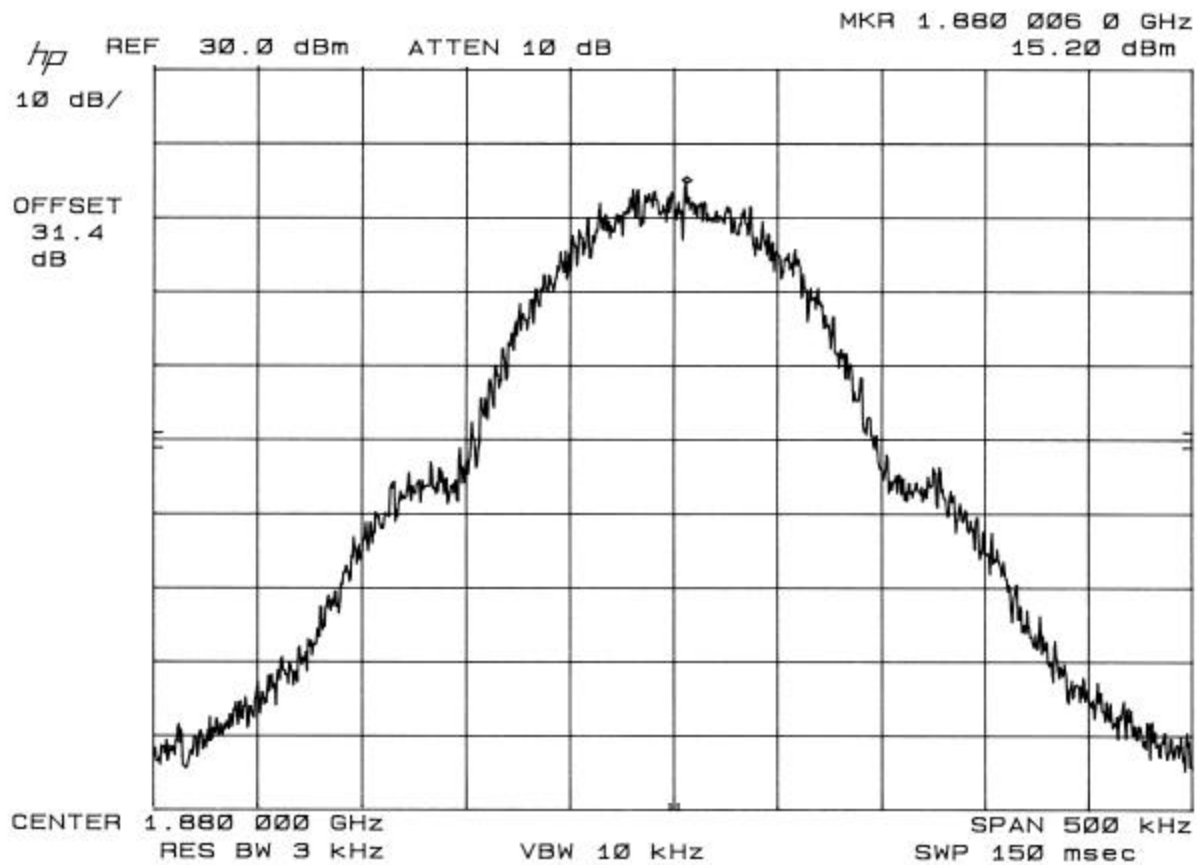


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: 9 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Uplink		
	Signal Source - GSM – Output – 1880MHz		

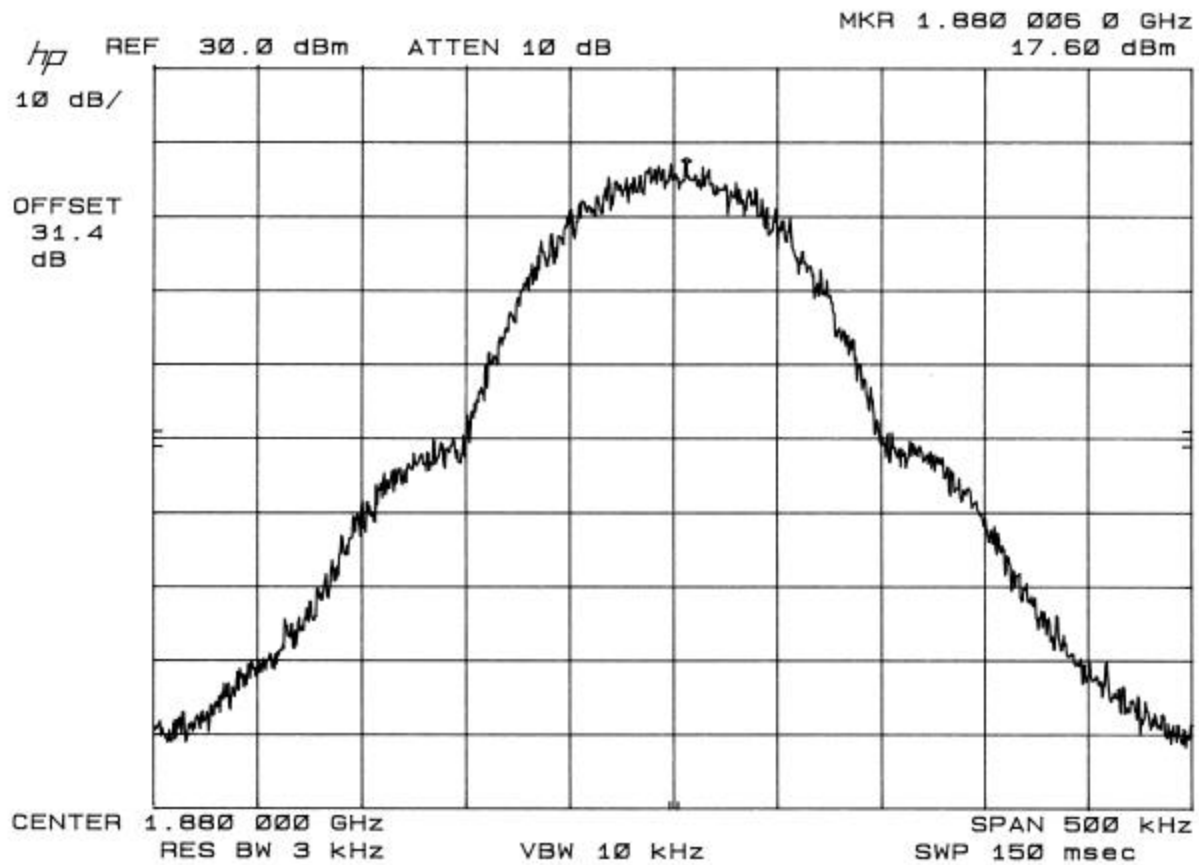


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: 9 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier Uplink Signal Source - GSM – Input – 1910MHz		

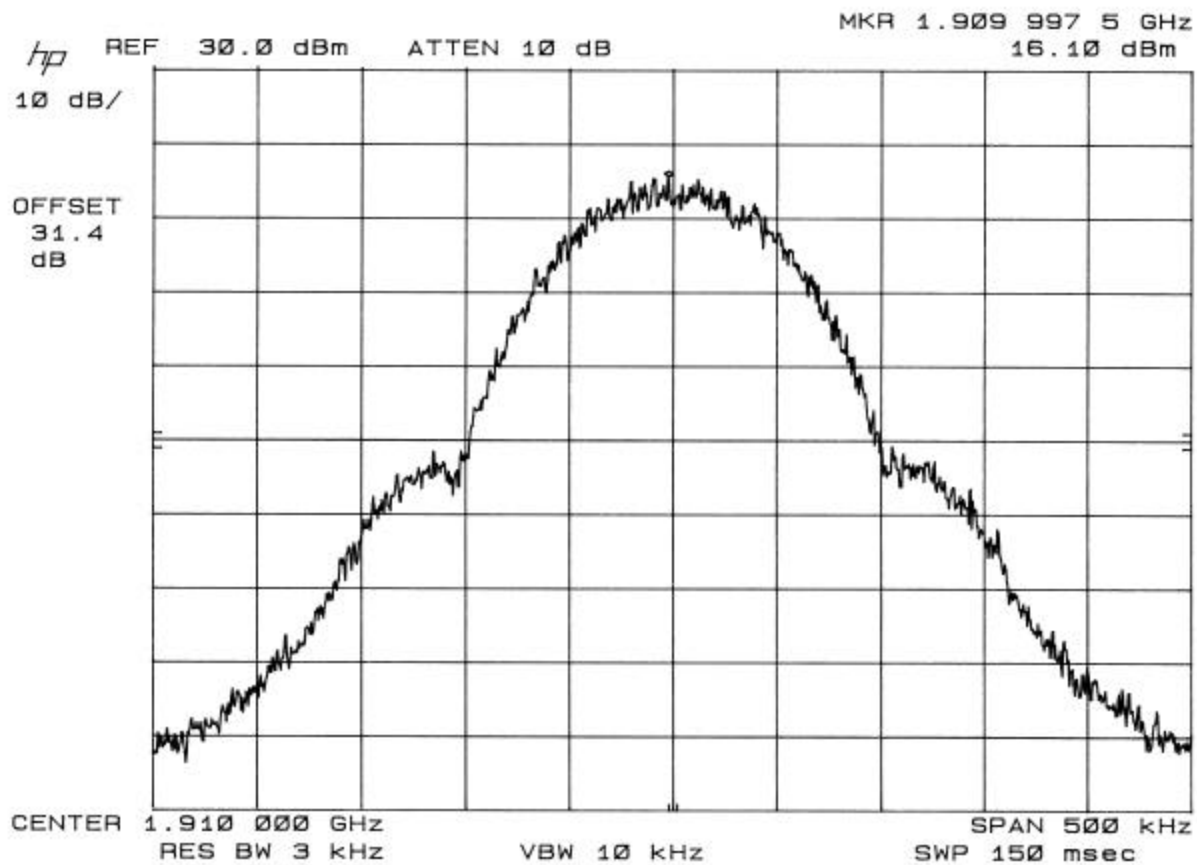


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: 9 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier Uplink Signal Source - GSM – Output – 1910MHz		

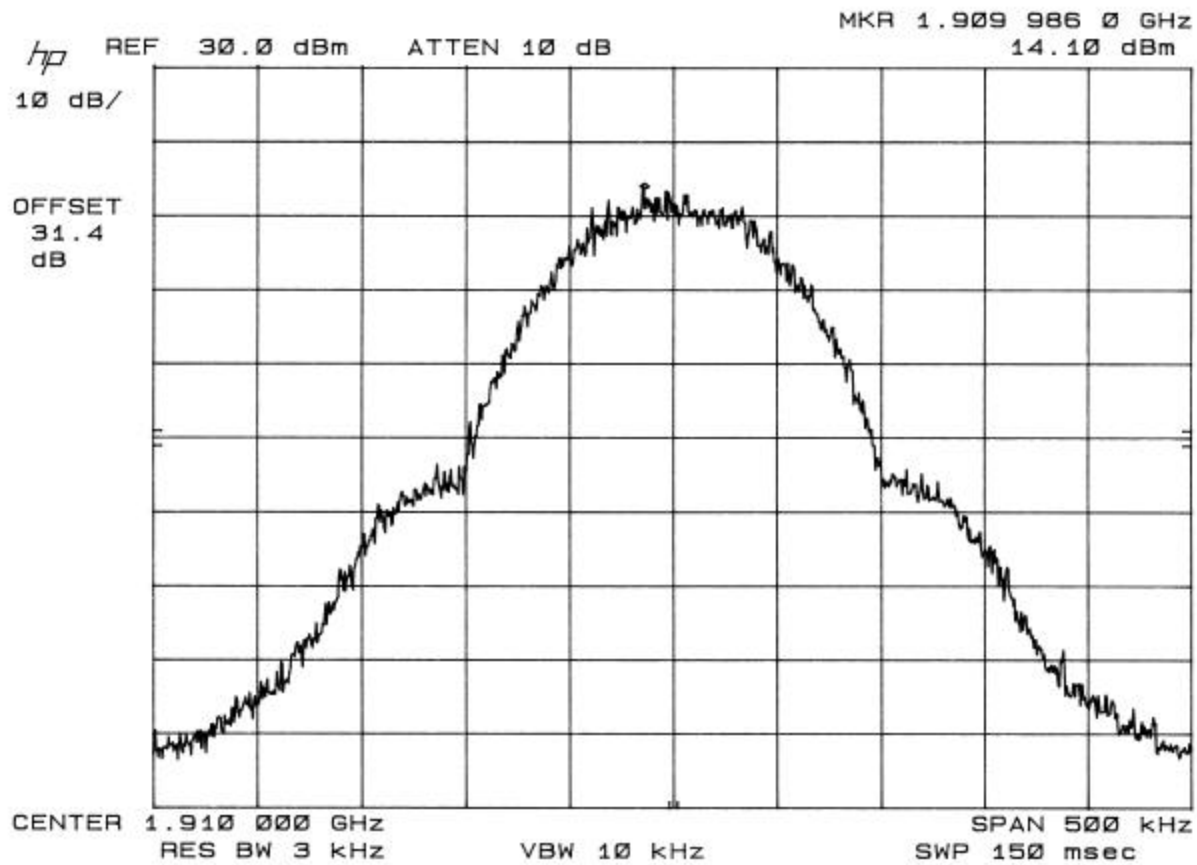


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date:	10 Feb 2004
Customer:	Janizary Holdings Inc	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90	
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Uplink		
	Signal Source - TDMA – Input – 824MHz		

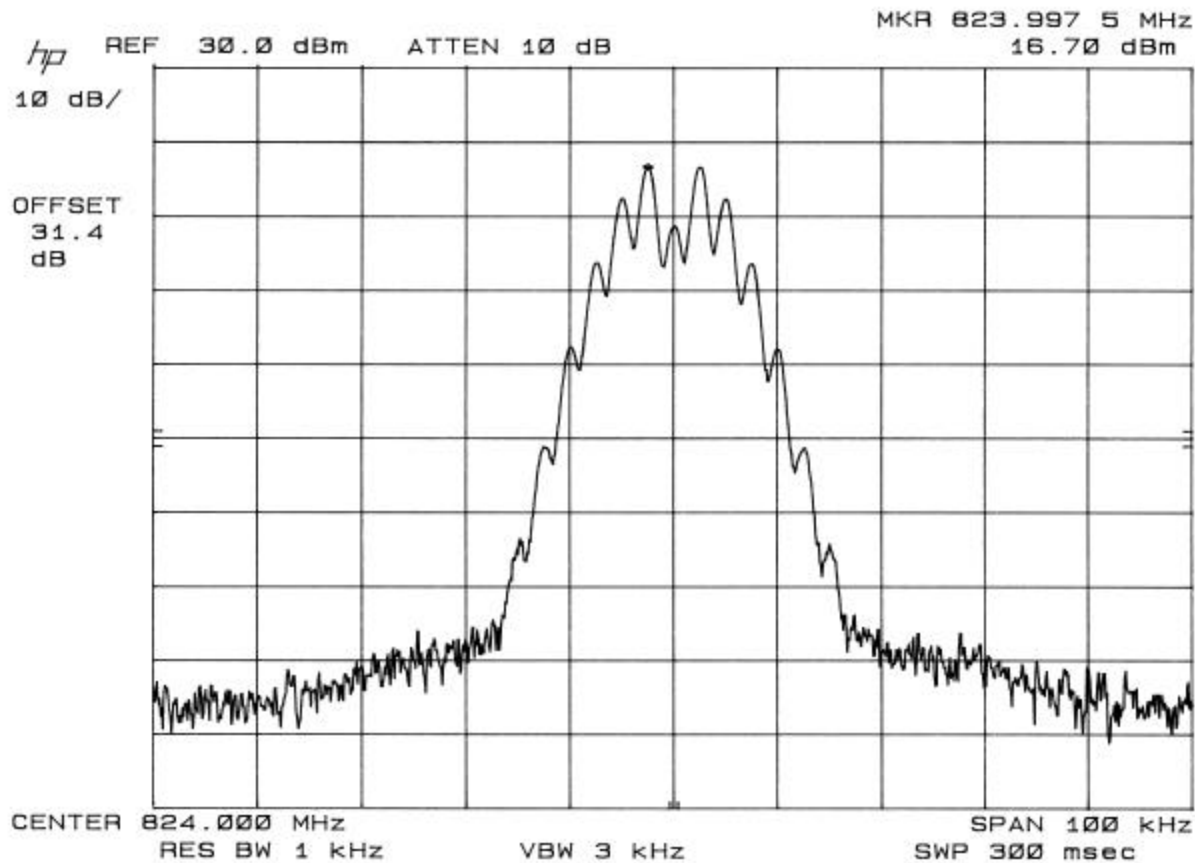


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: 10 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Uplink		
	Signal Source - TDMA – Output – 824MHz		

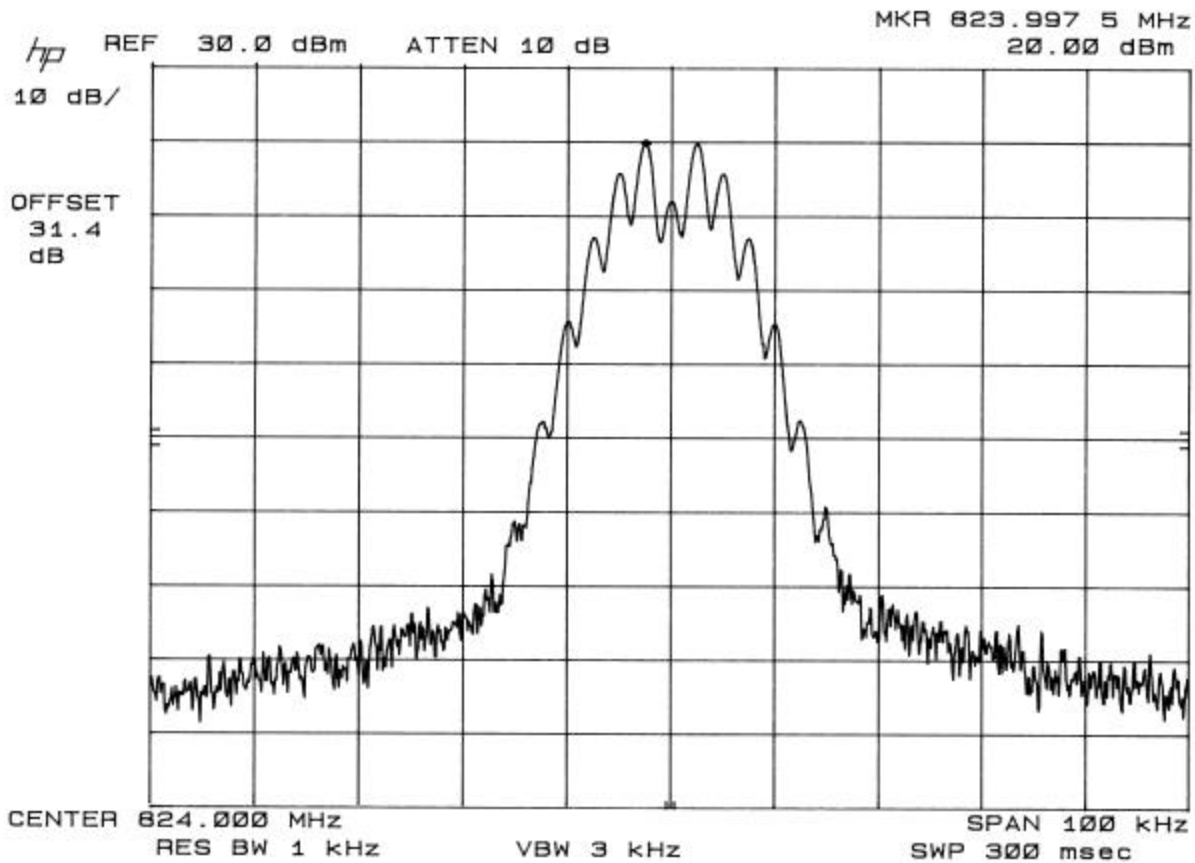


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth		
DNB Job Number:	RV48085A	Date:	10 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc			
Model Number:	CA-819	Serial Number:		
Description:	RF amplifier			
	Uplink			
	Signal Source - TDMA – Input – 836MHz			

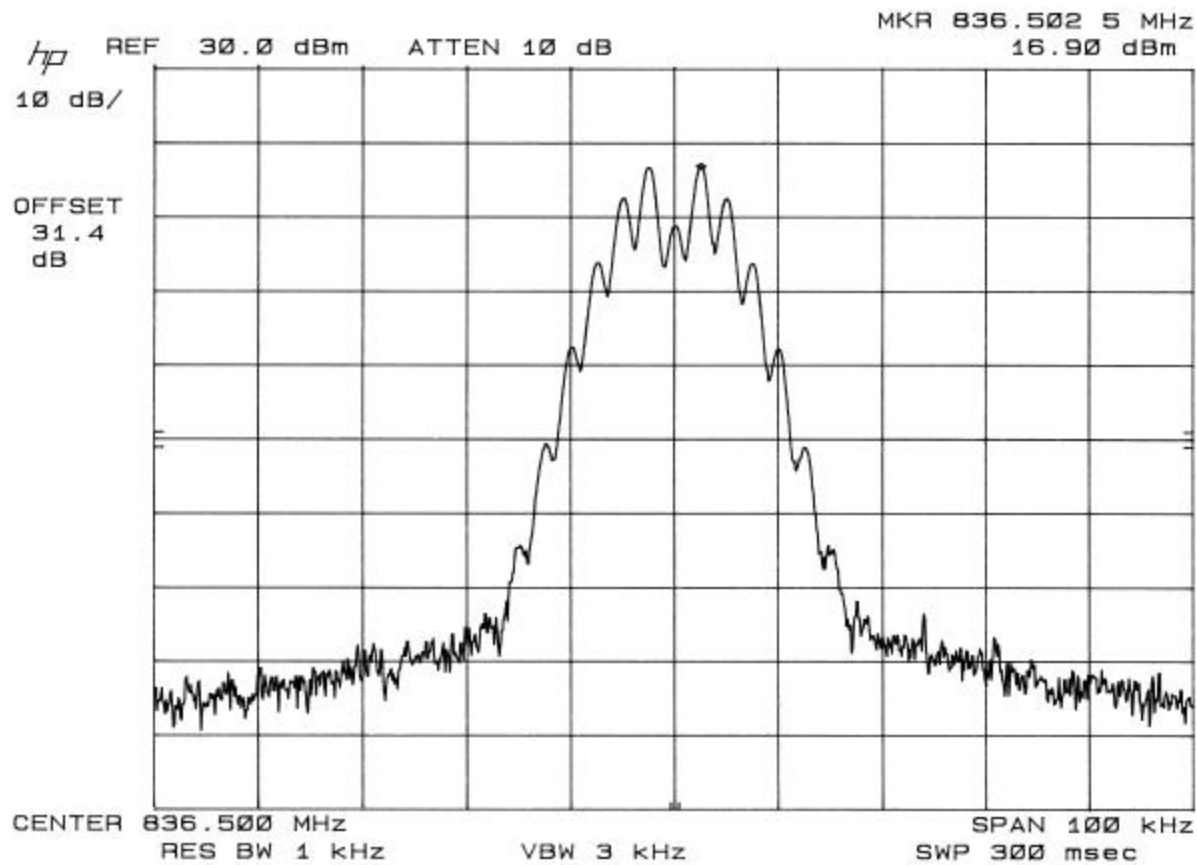


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: 10 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Uplink		
	Signal Source - TDMA – Output – 836MHz		

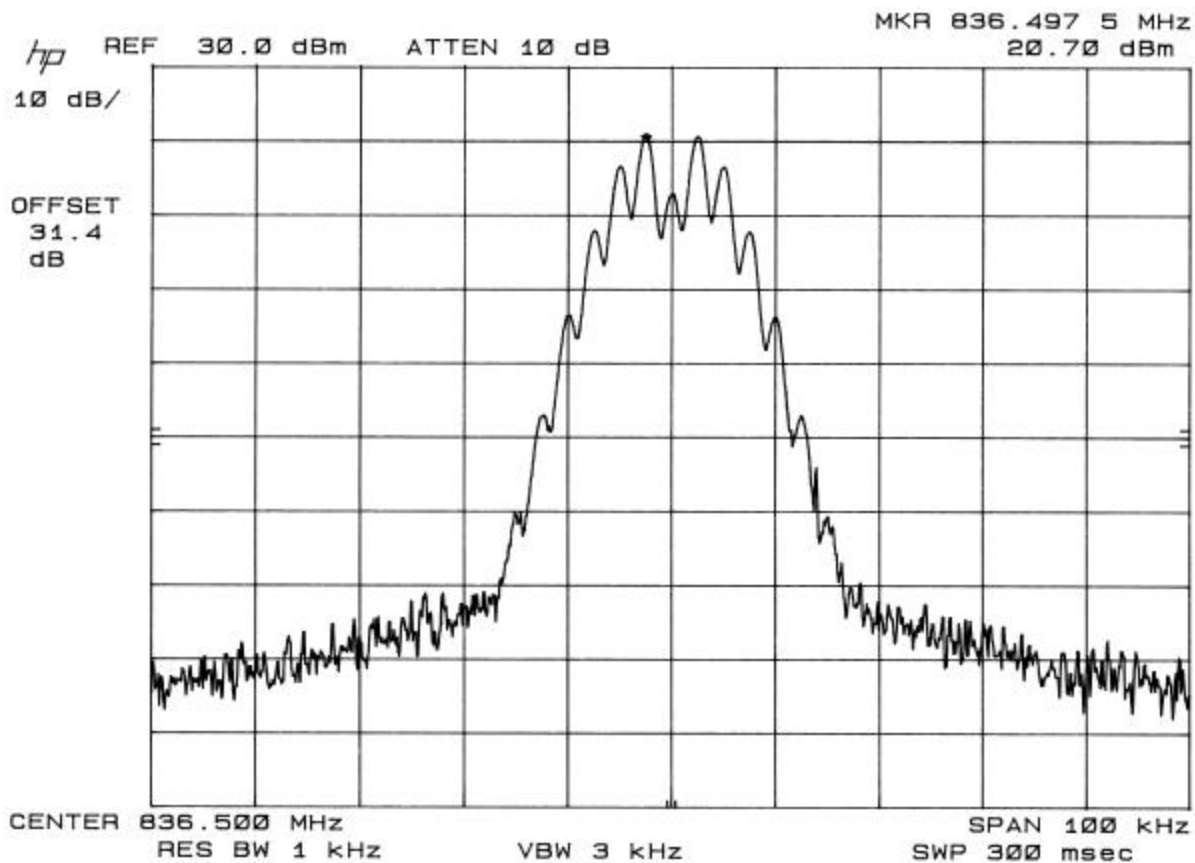


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: 10 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Uplink		
	Signal Source - TDMA – Input – 849MHz		

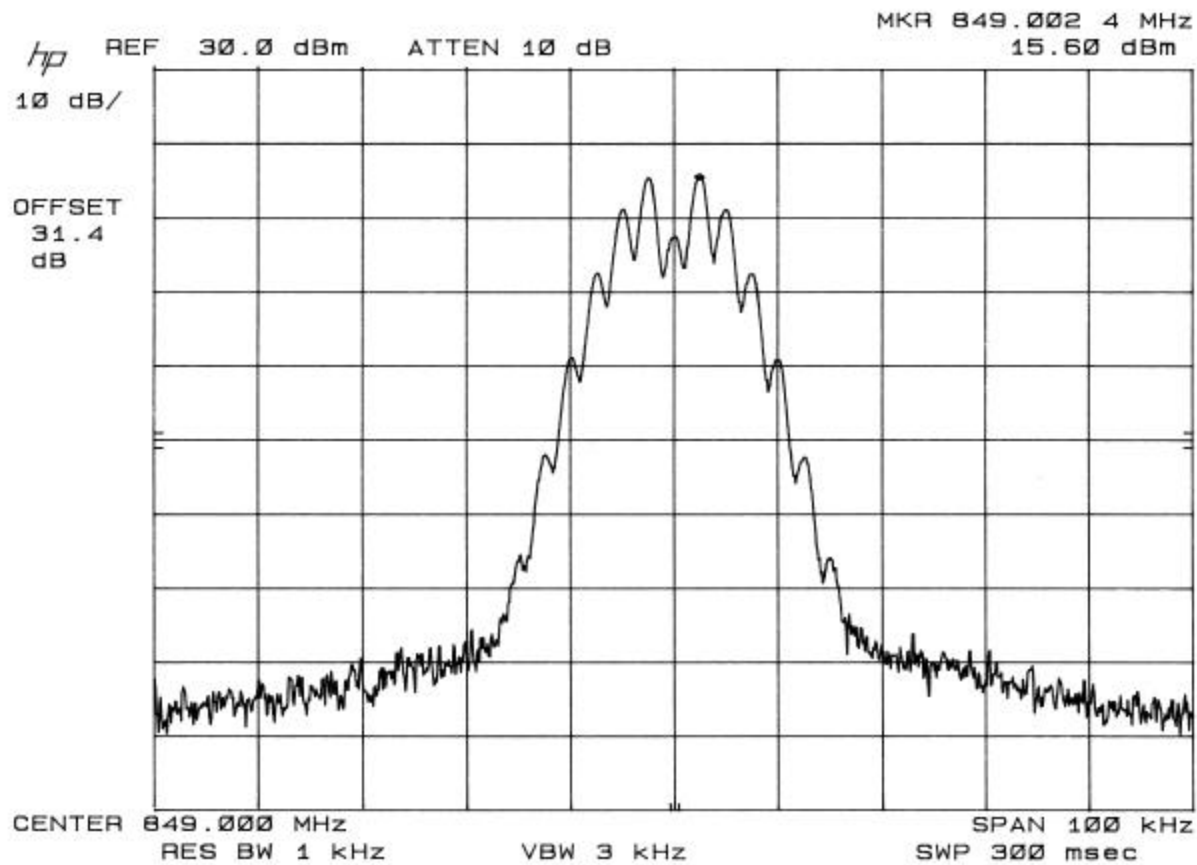


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: 10 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Uplink		
	Signal Source - TDMA – Output – 849MHz		

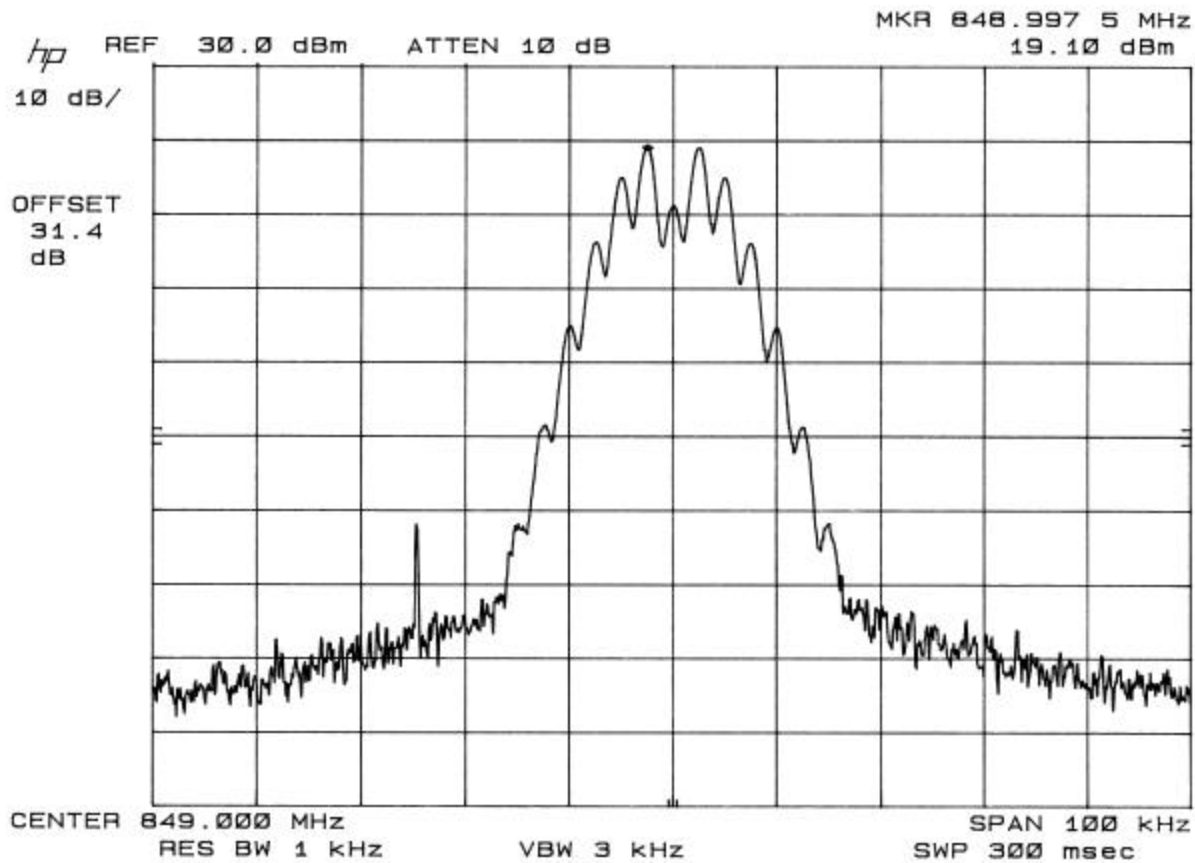


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: 10 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Uplink		
	Signal Source - TDMA – Input – 1850MHz		

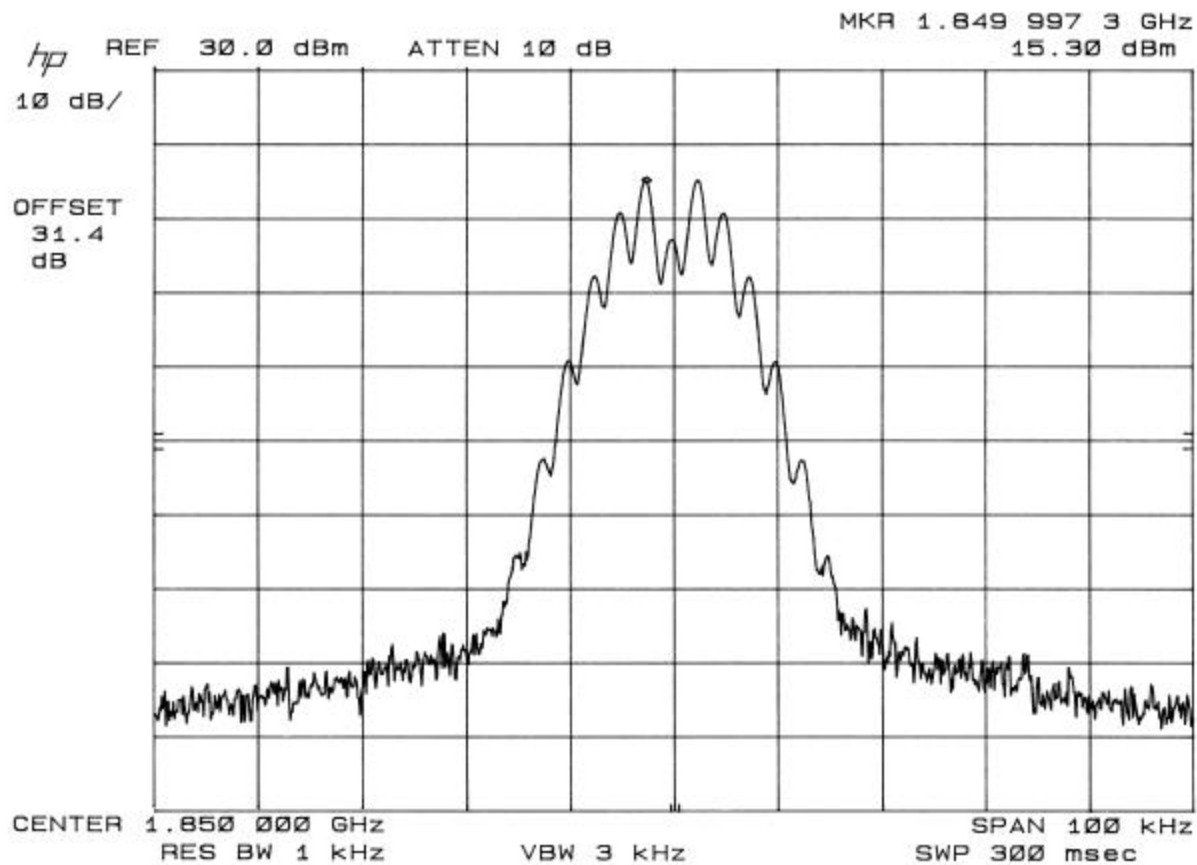


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: 10 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Uplink		
	Signal Source - TDMA – Output – 1850MHz		

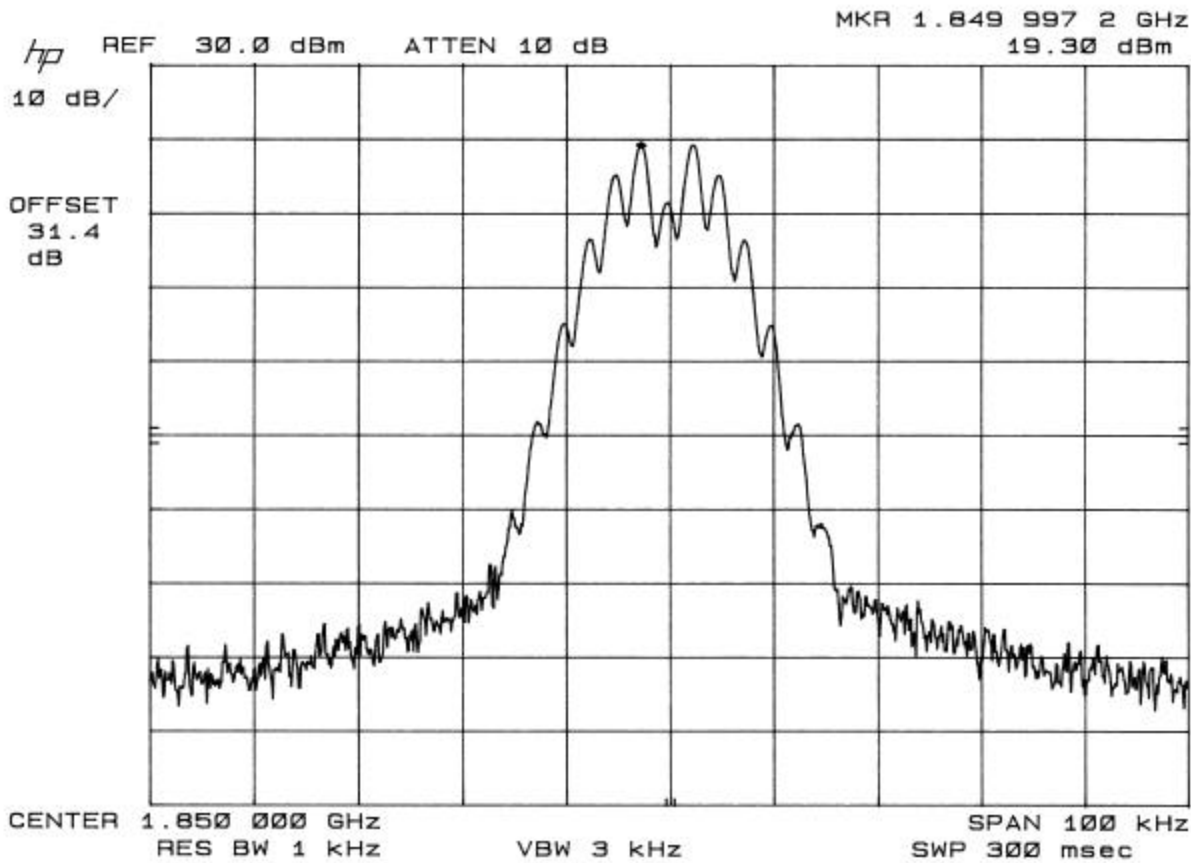


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date:	10 Feb 2004
Customer:	Janizary Holdings Inc	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90	
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Uplink		
	Signal Source - TDMA – Input – 1880MHz		

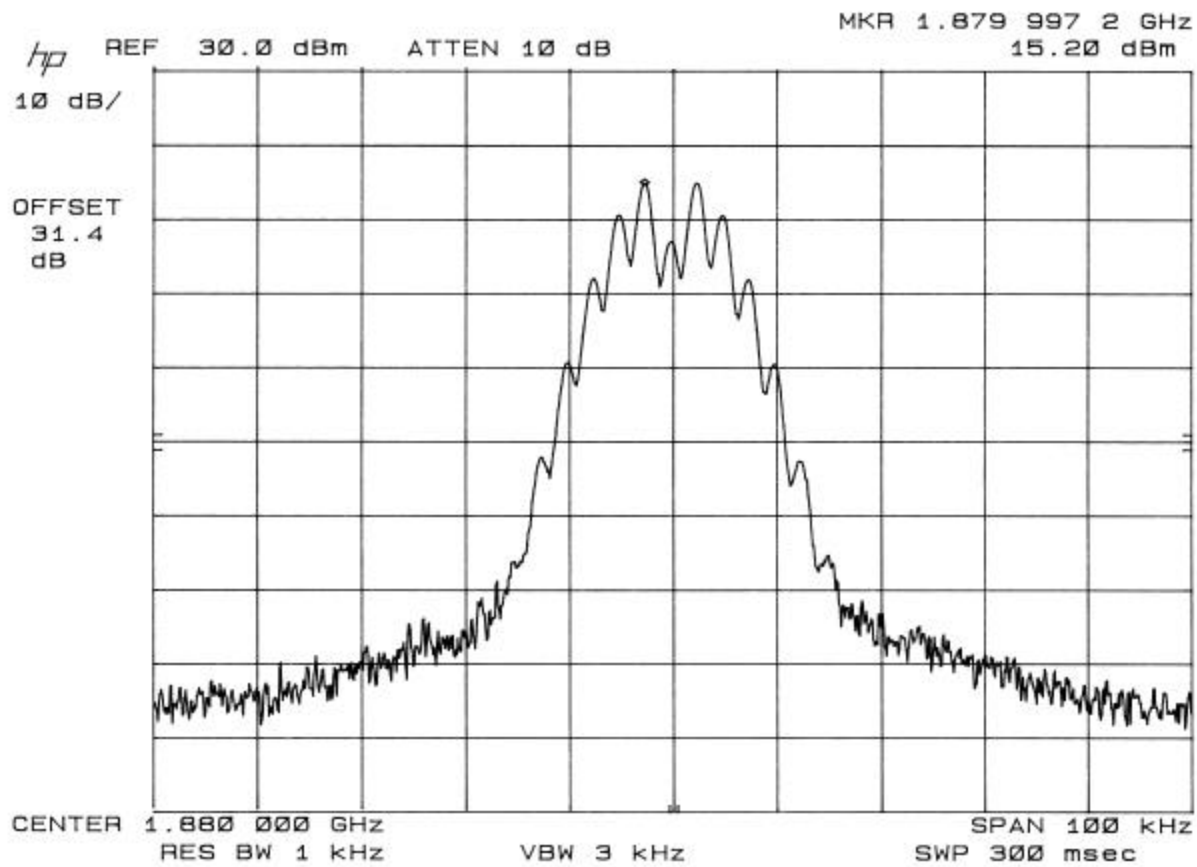


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: 10 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Uplink		
	Signal Source - TDMA – Output – 1880MHz		

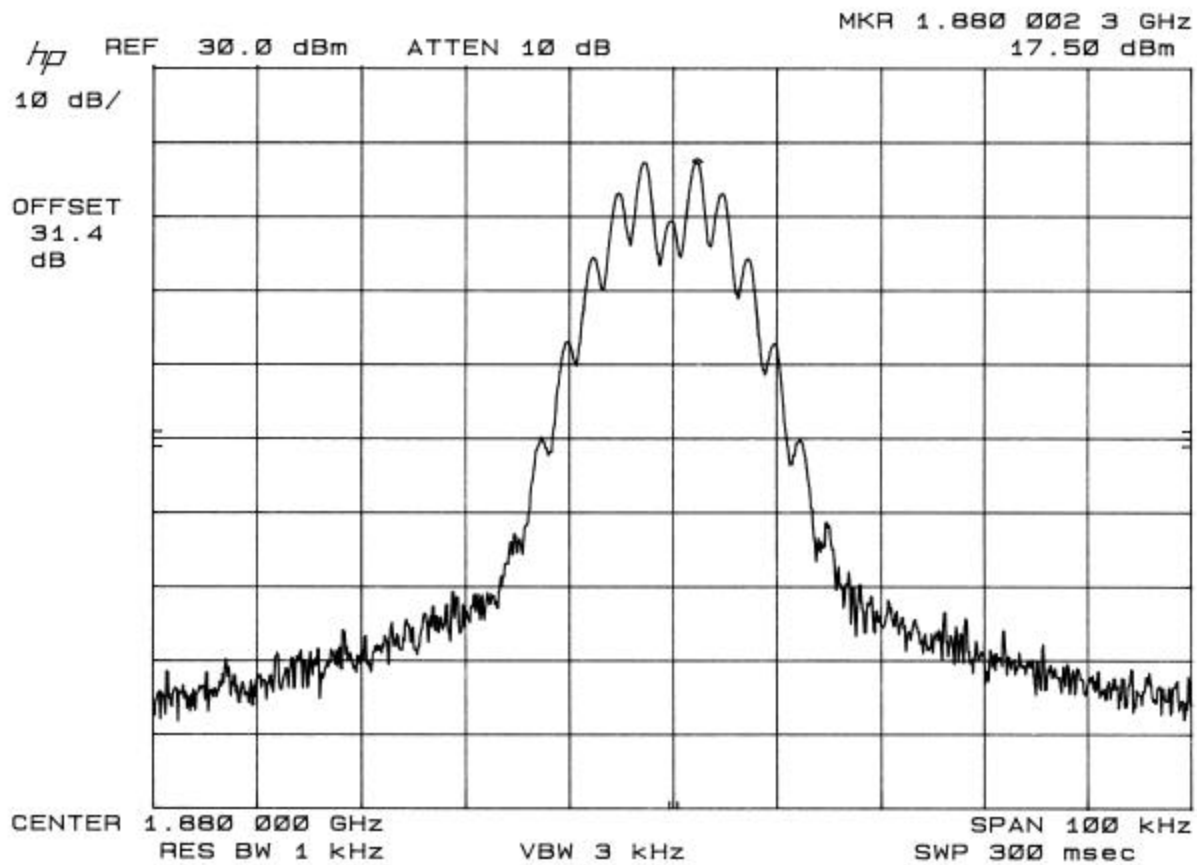


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: 10 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Uplink		
	Signal Source - TDMA – Input – 1910MHz		

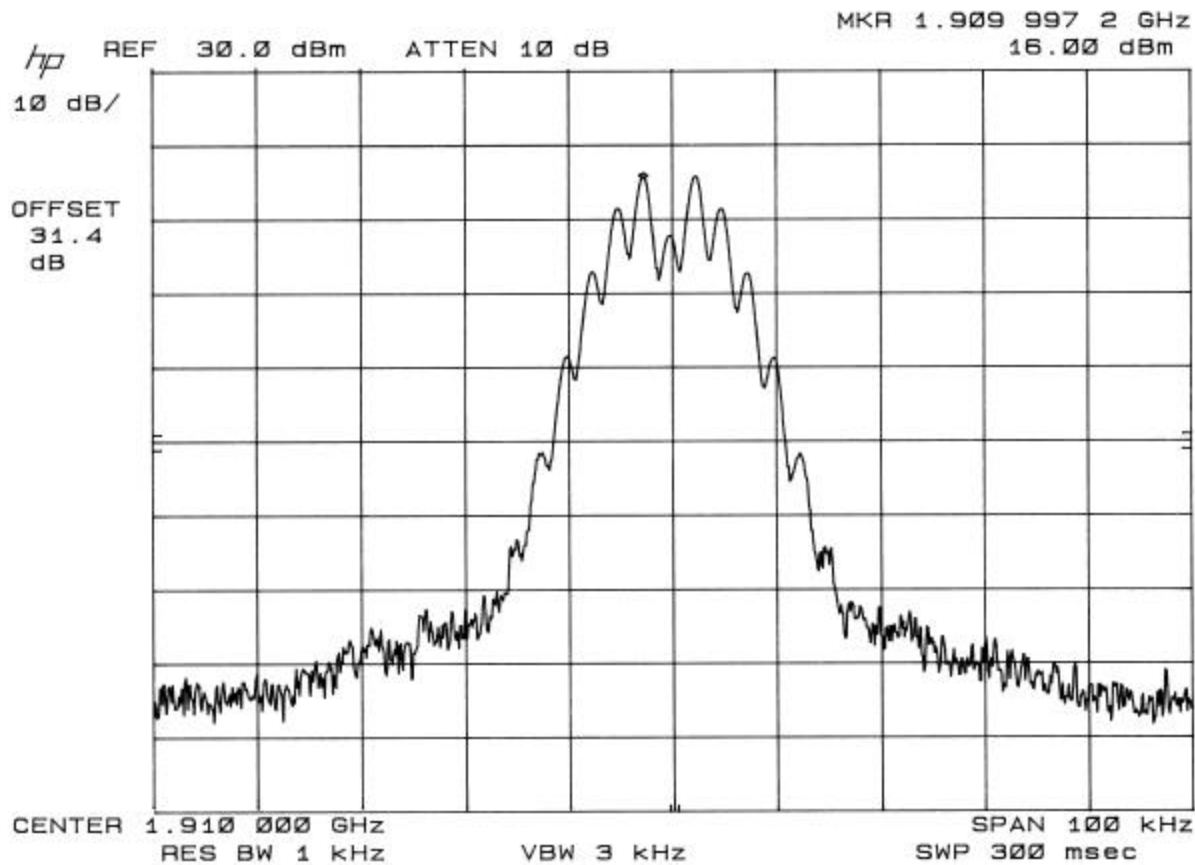


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: 10 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Uplink		
	Signal Source - TDMA – Output – 1910MHz		

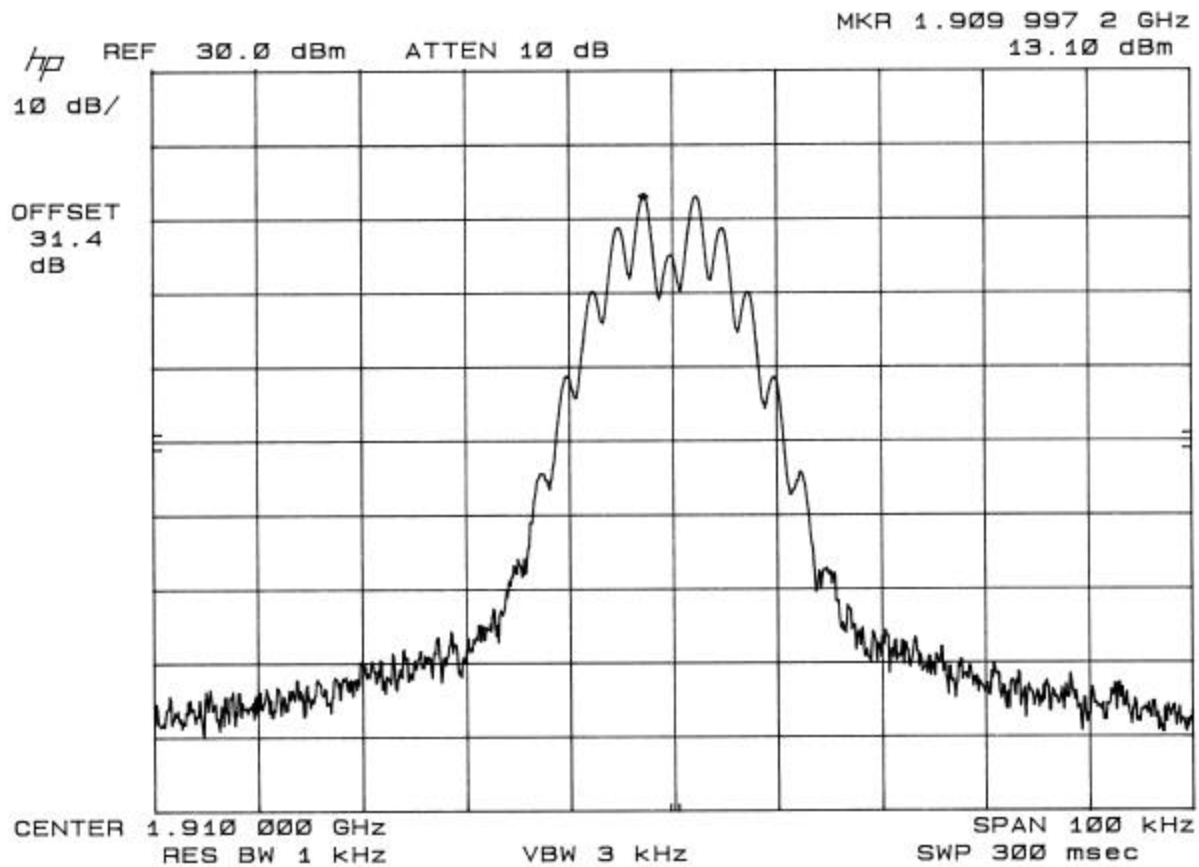


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth		
DNB Job Number:	RV48085A	Date:	10 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc			
Model Number:	CA-819	Serial Number:		
Description:	RF amplifier			
	Downlink			
	Signal Source - GSM – Input – 869MHz			

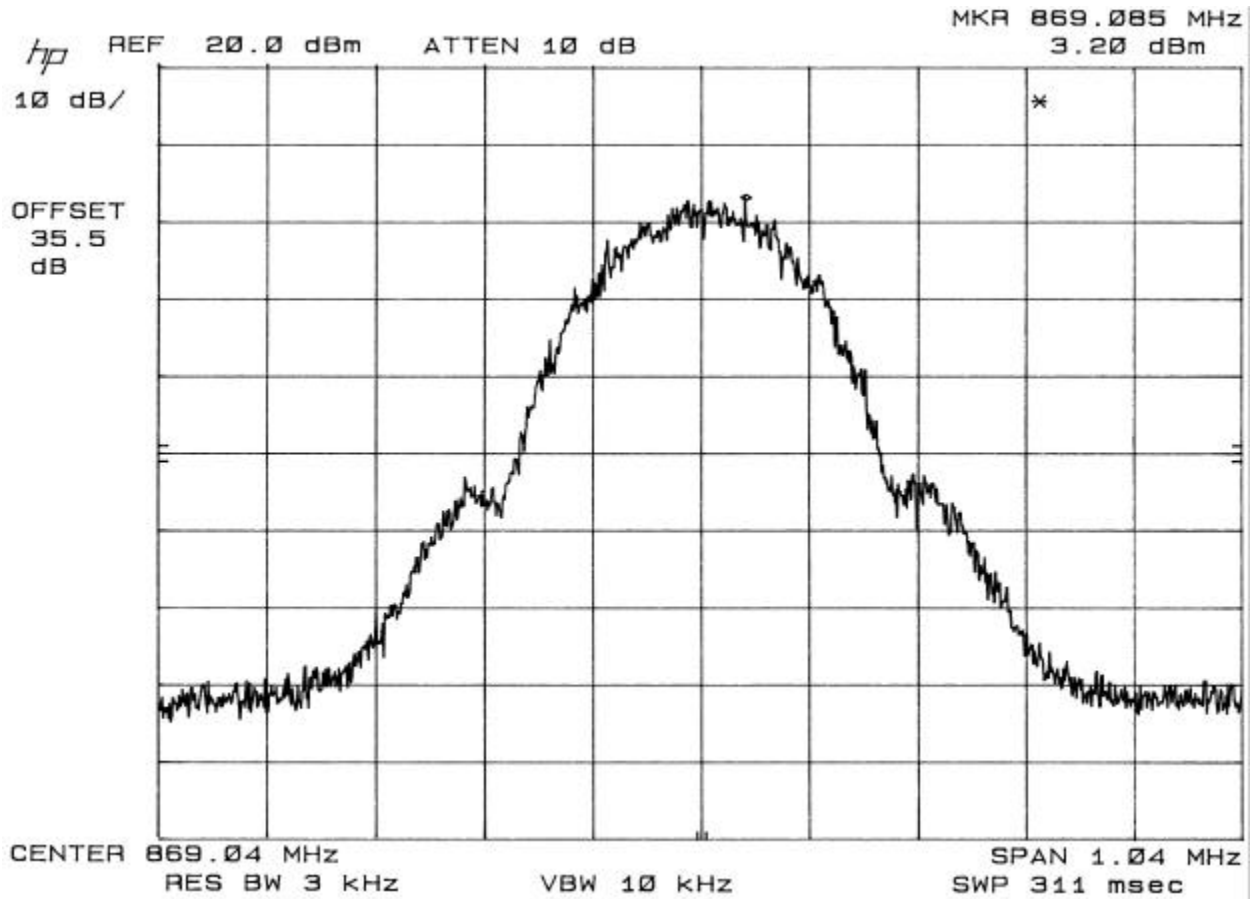


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth		
DNB Job Number:	RV48085A	Date:	10 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc			
Model Number:	CA-819	Serial Number:		
Description:	RF amplifier			
	Downlink			
	Signal Source - GSM – Output – 869MHz			

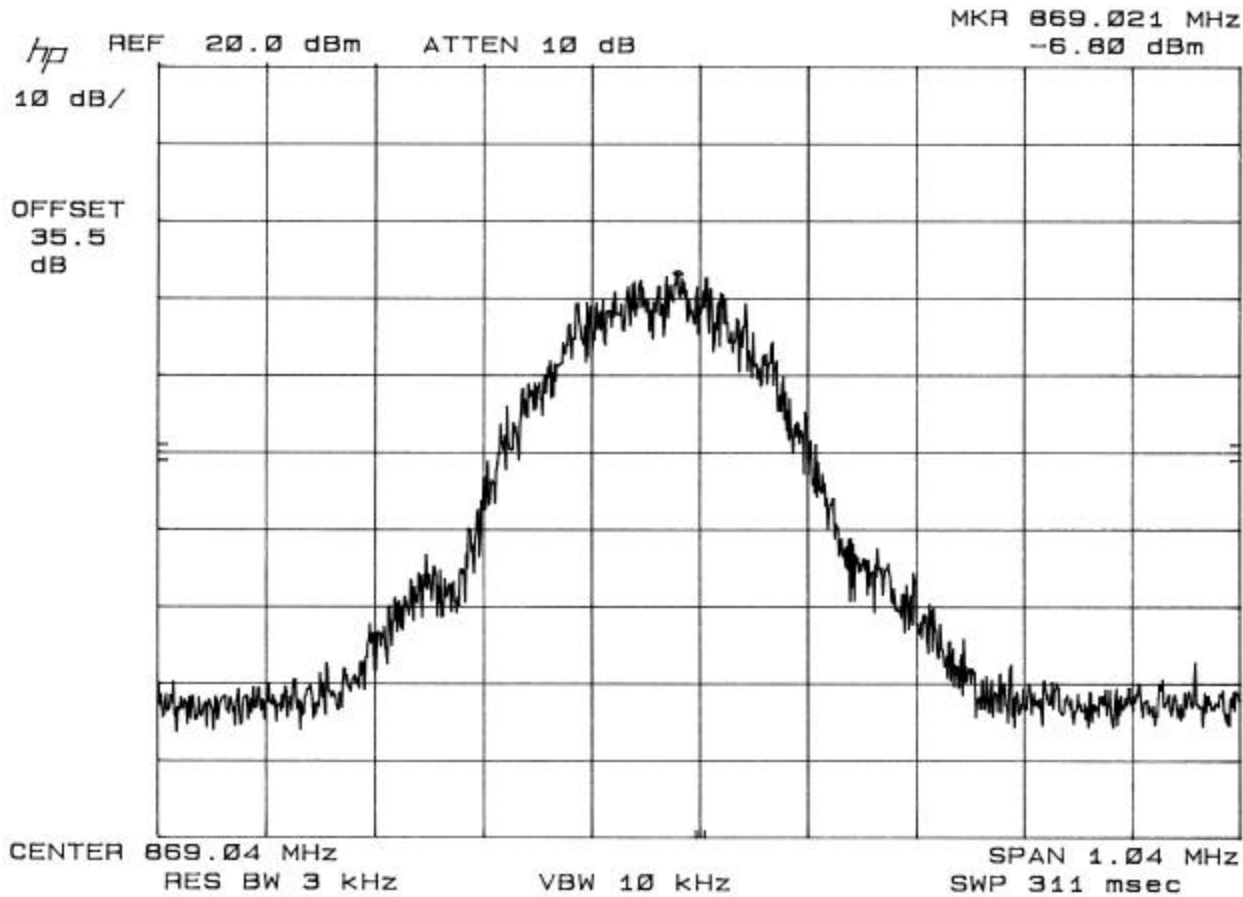


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: 10 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Downlink		
	Signal Source - GSM – Input – 881.5MHz		

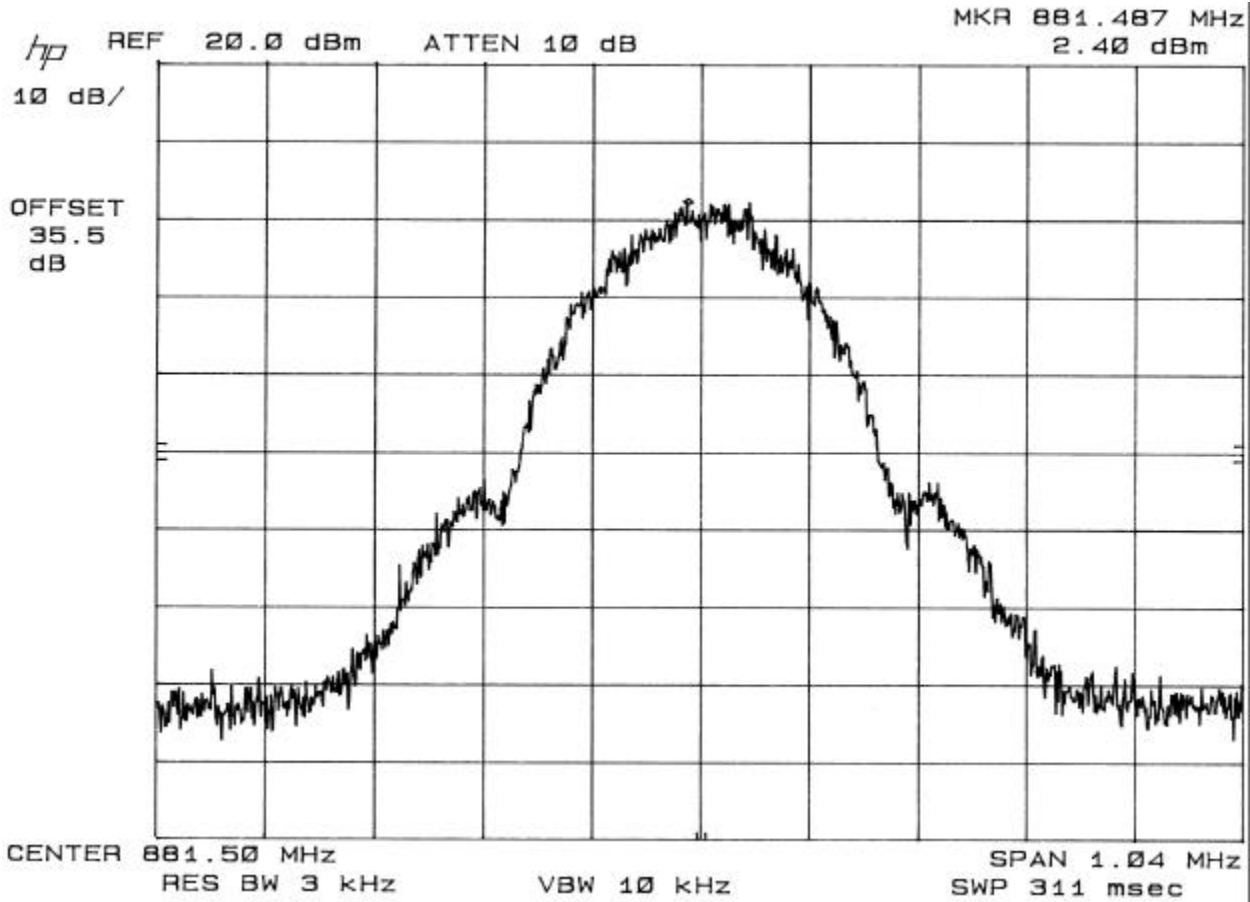


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: 10 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Downlink		
	Signal Source - GSM – Output – 881.5MHz		

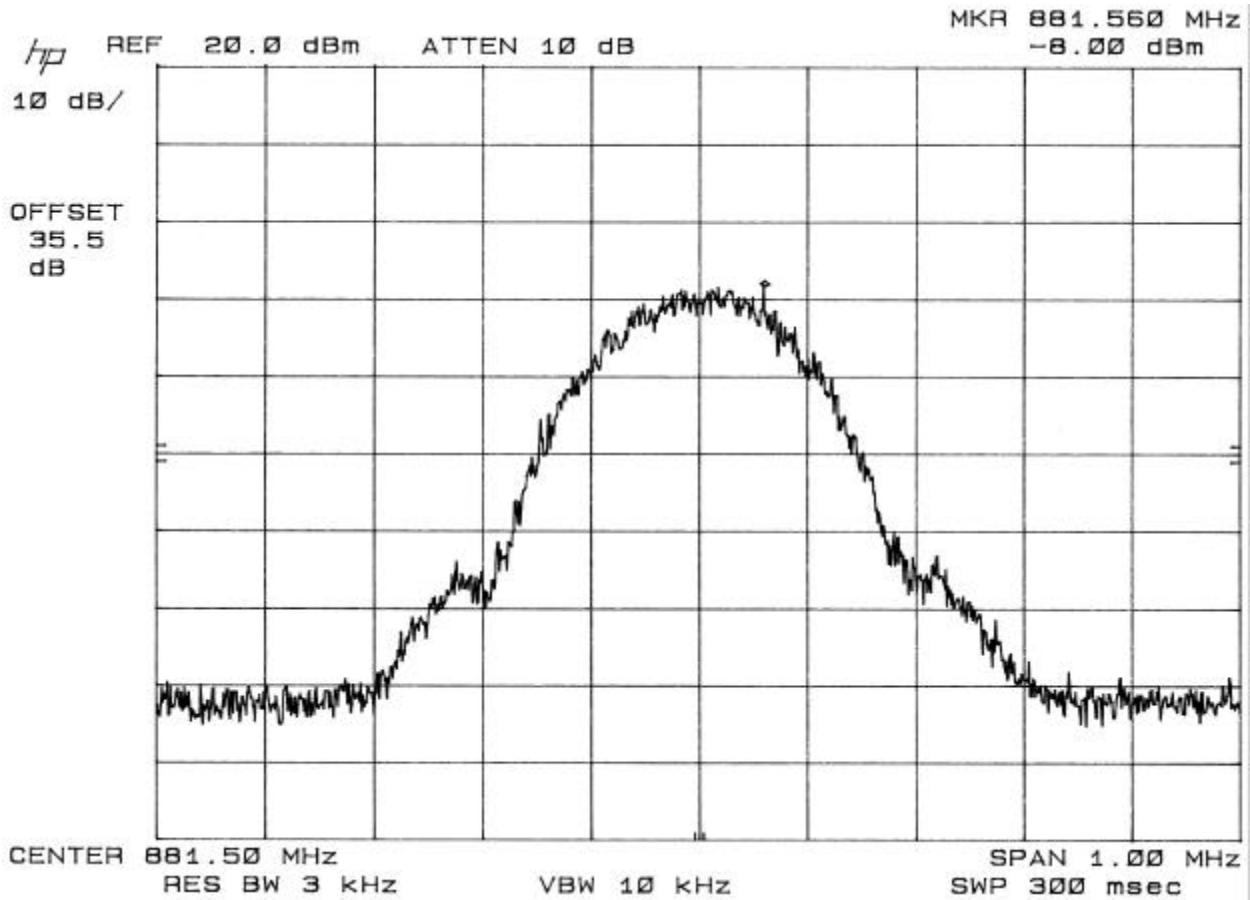


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth		
DNB Job Number:	RV48085A	Date:	10 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc			
Model Number:	CA-819	Serial Number:		
Description:	RF amplifier			
	Downlink			
	Signal Source - GSM – Input – 894MHz			

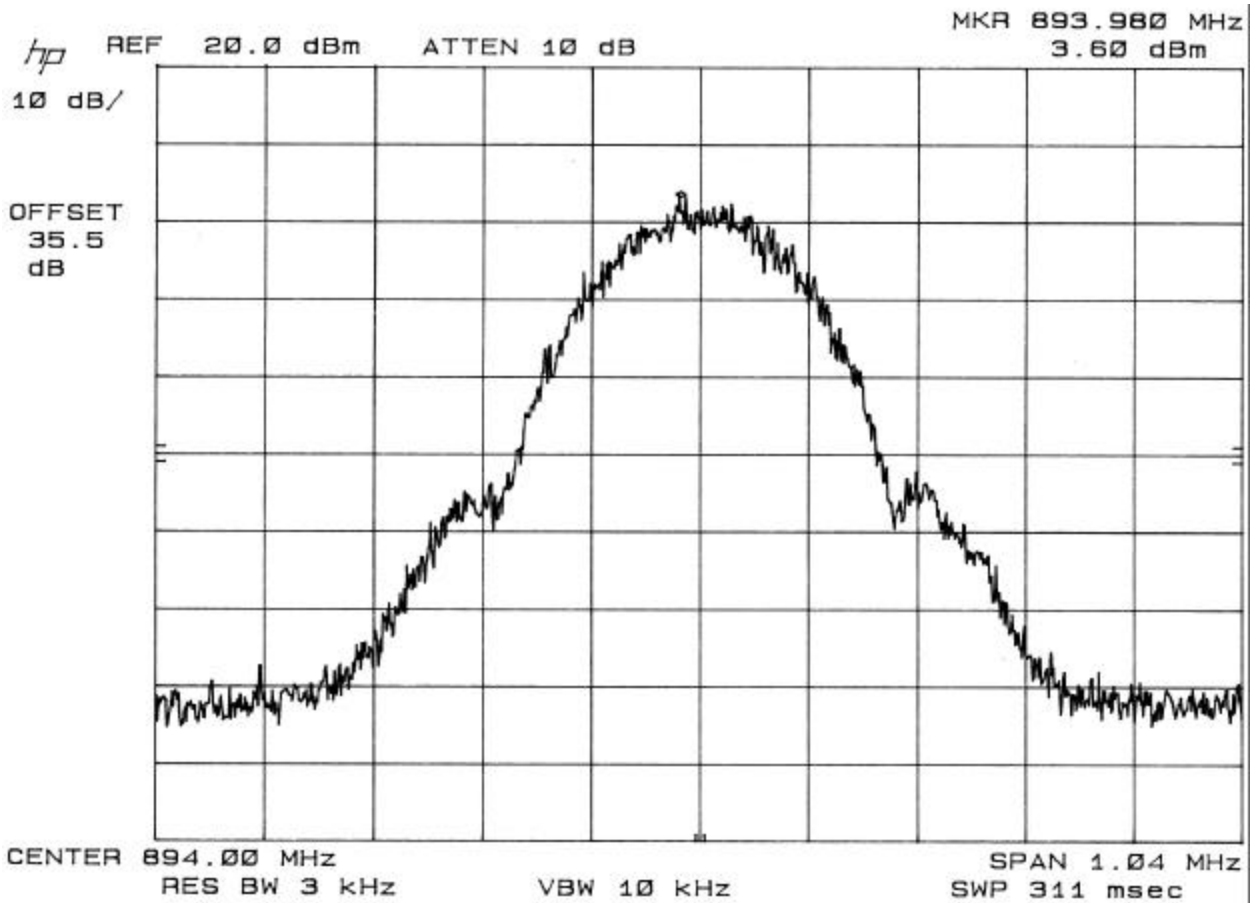


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: 10 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Downlink		
	Signal Source - GSM – Output – 894MHz		

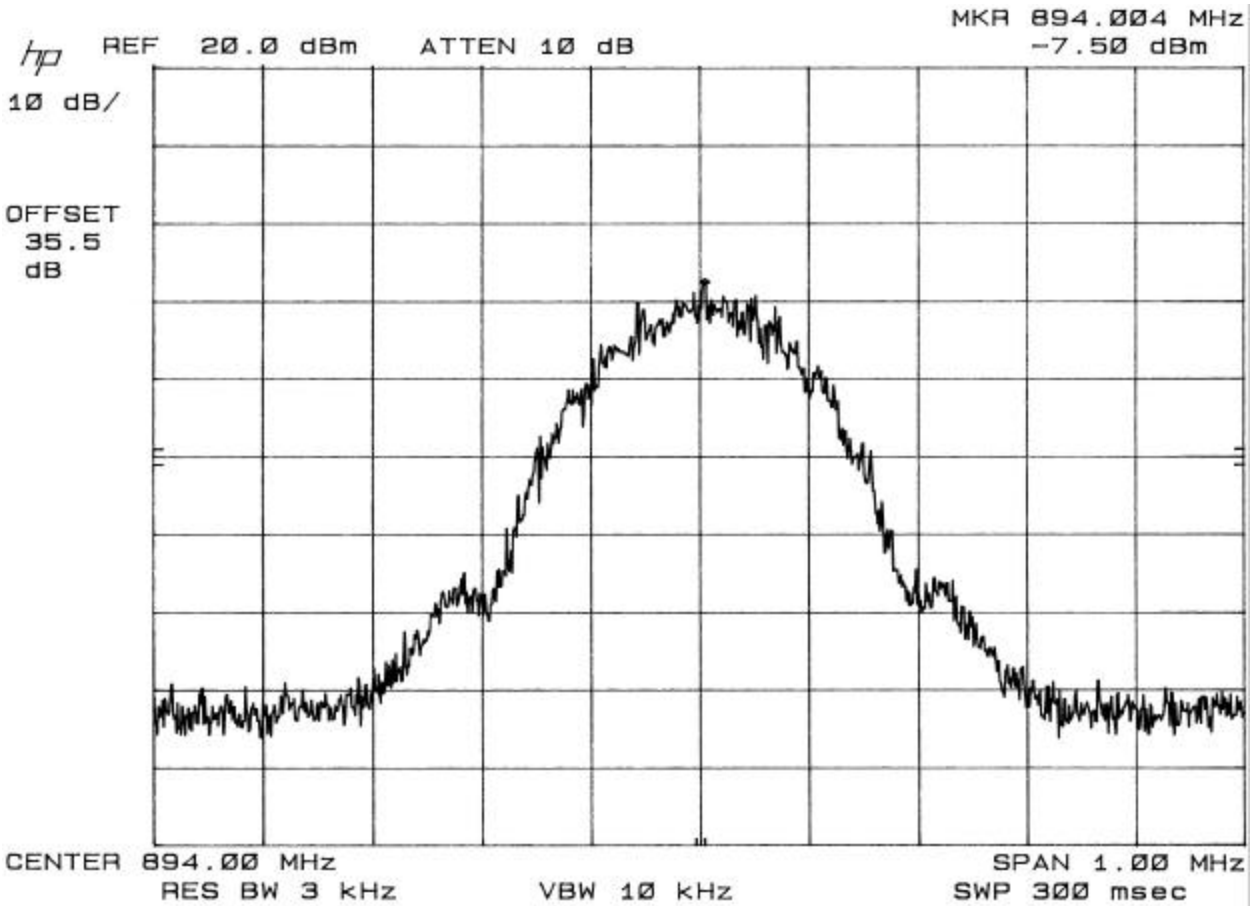


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth		
DNB Job Number:	RV48085A	Date:	10 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc			
Model Number:	CA-819	Serial Number:		
Description:	RF amplifier			
	Downlink			
	Signal Source - GSM – Input – 1930MHz			

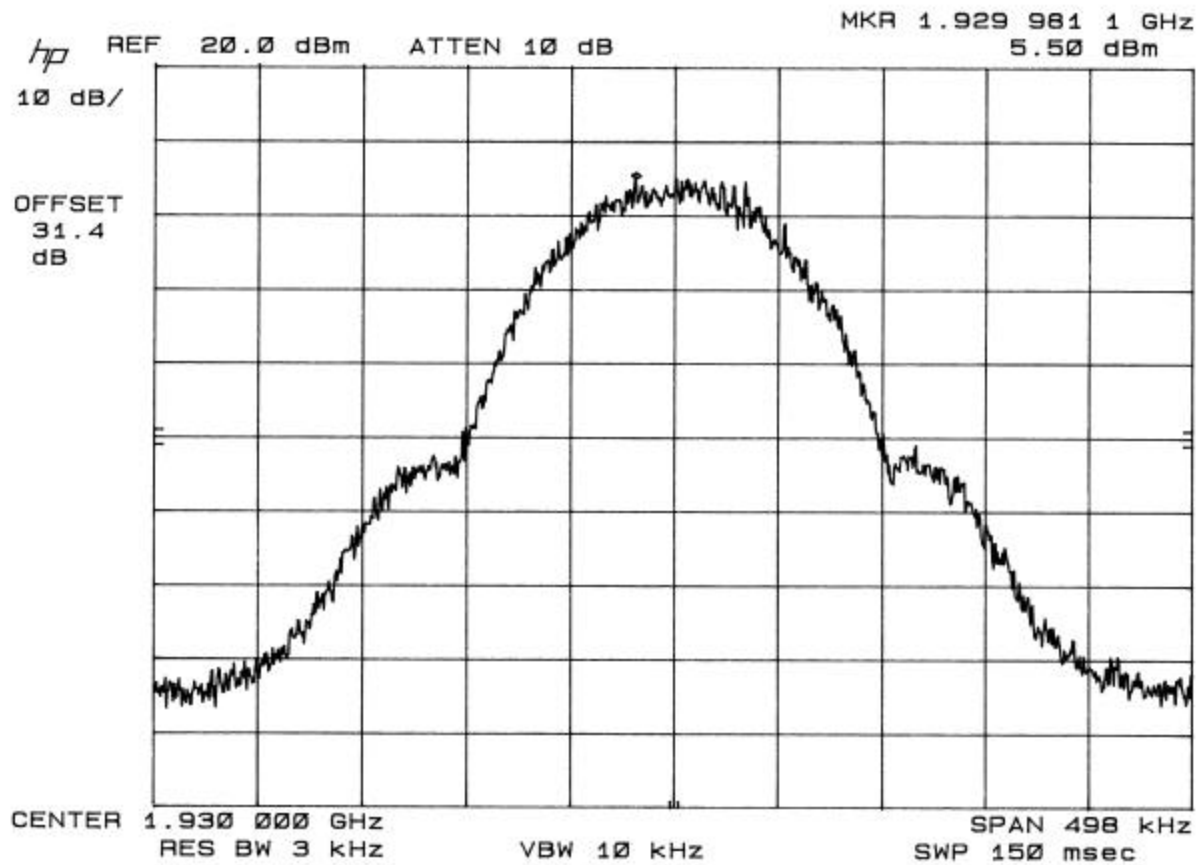


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth		
DNB Job Number:	RV48085A	Date:	10 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc			
Model Number:	CA-819	Serial Number:		
Description:	RF amplifier			
	Downlink			
	Signal Source - GSM – Output – 1930MHz			

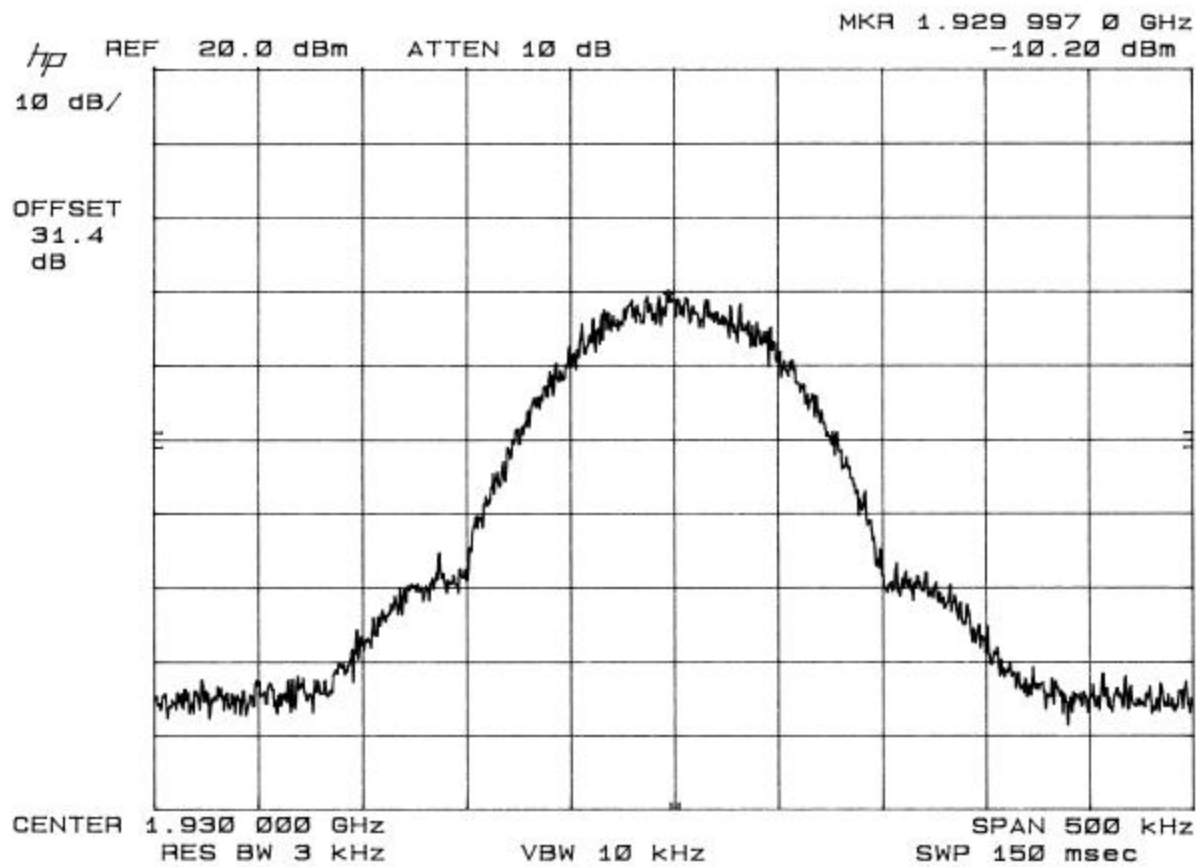


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: 10 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Downlink		
	Signal Source - GSM – Input – 1960MHz		

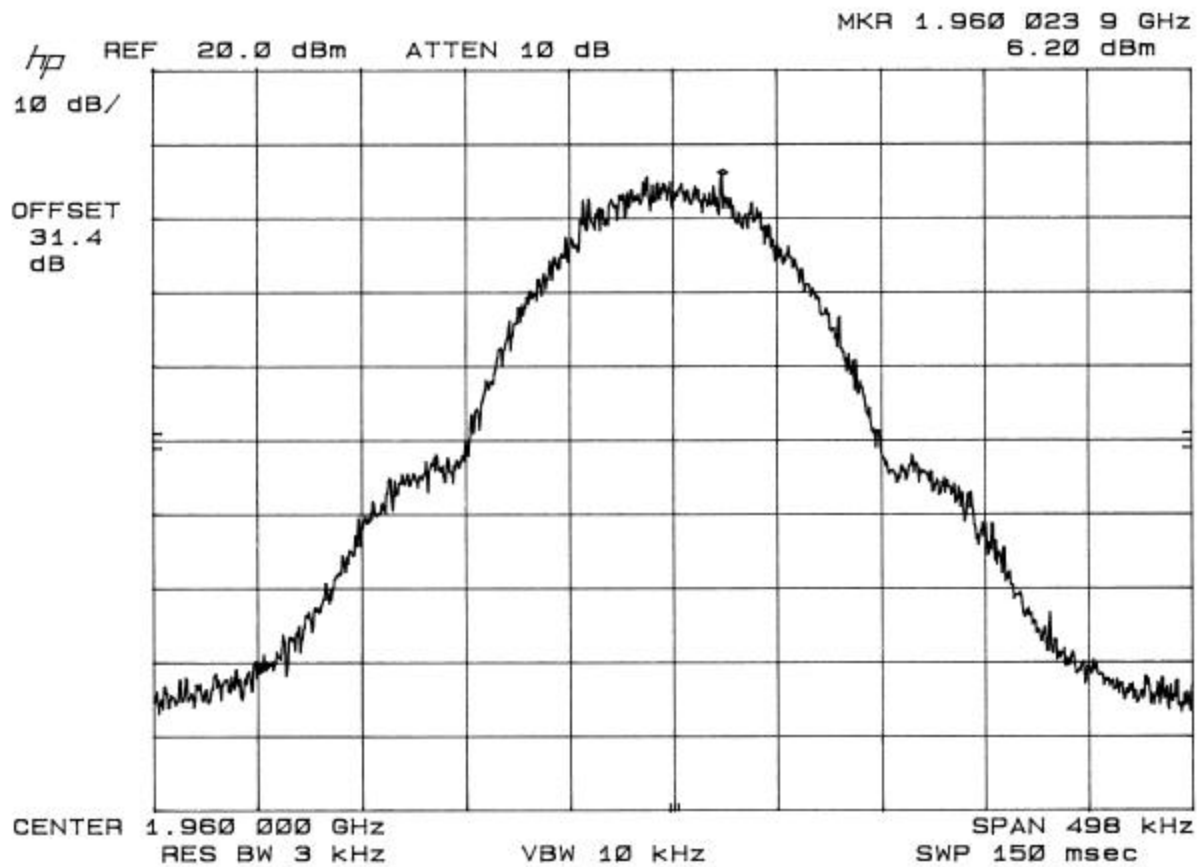


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth		
DNB Job Number:	RV48085A	Date:	10 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc			
Model Number:	CA-819	Serial Number:		
Description:	RF amplifier			
	Downlink			
	Signal Source - GSM – Output – 1960MHz			

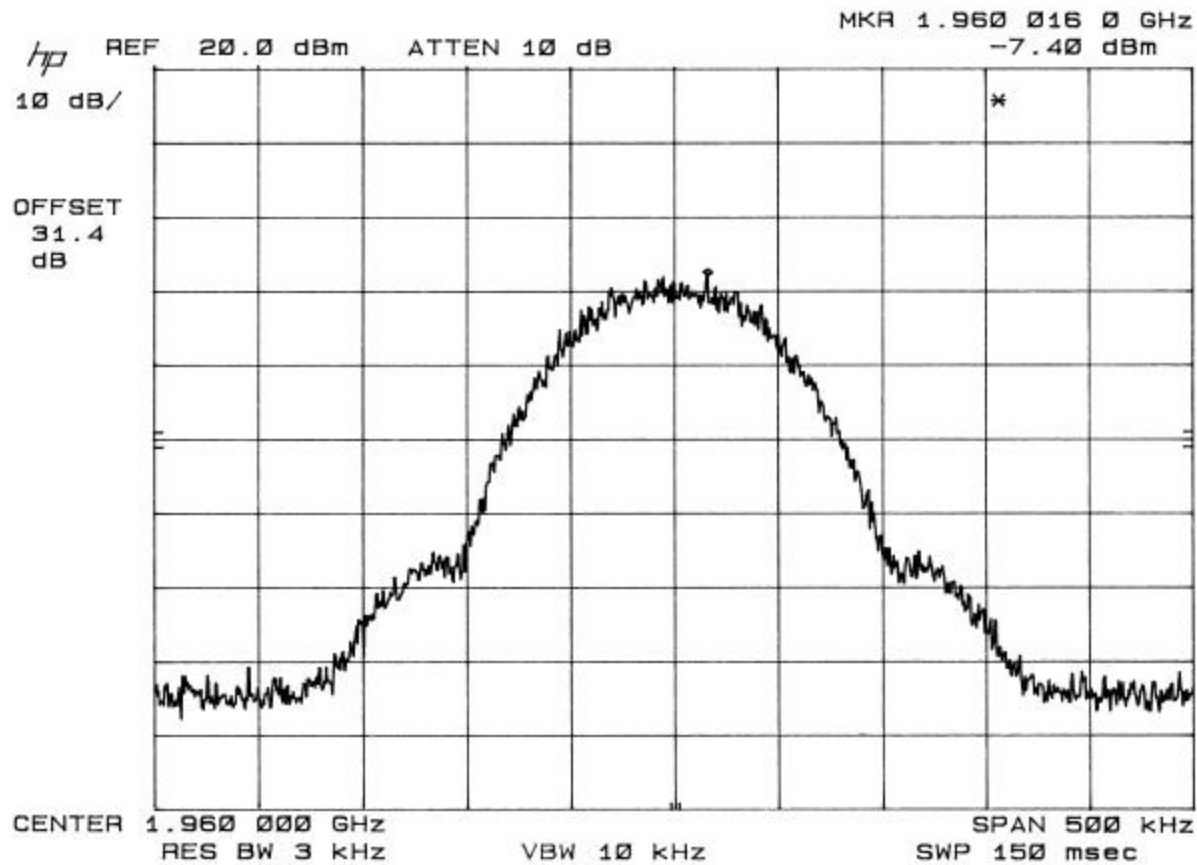


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: 10 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Downlink		
	Signal Source - GSM – Input – 1990MHz		

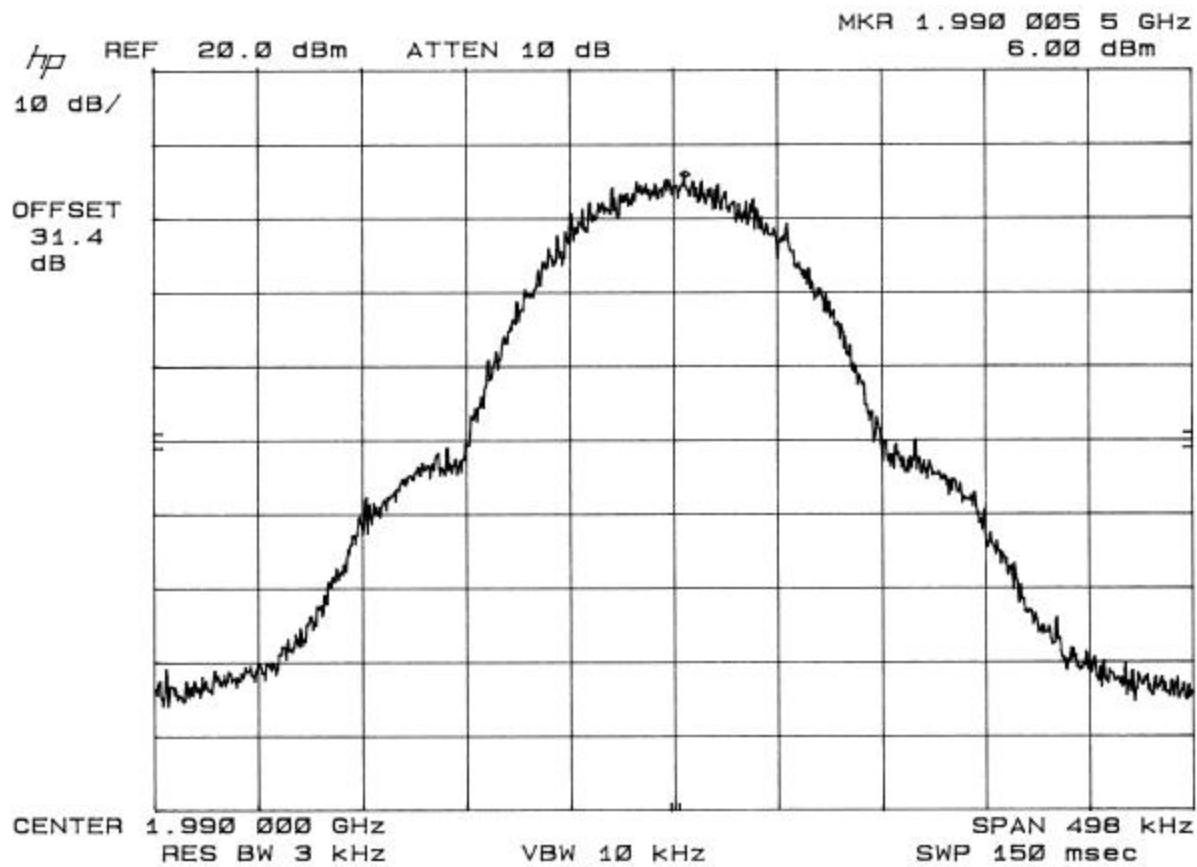


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth	
DNB Job Number:	RV48085A	Date: 10 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc		
Model Number:	CA-819	Serial Number:	
Description:	RF amplifier		
	Downlink		
	Signal Source - GSM – Output – 1990MHz		

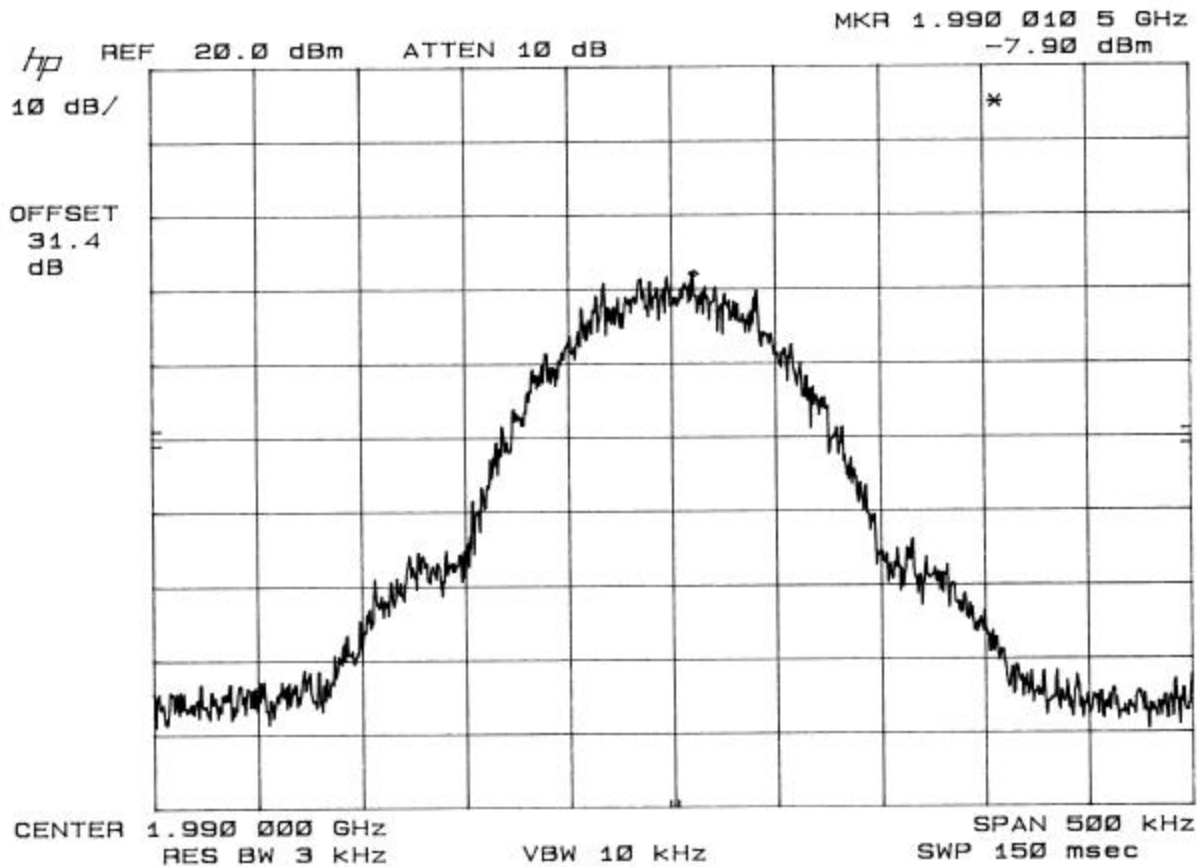


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth		
DNB Job Number:	RV48085A	Date:	10 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc			
Model Number:	CA-819	Serial Number:		
Description:	RF amplifier			
	Downlink			
	Signal Source - TDMA – Input – 869MHz			

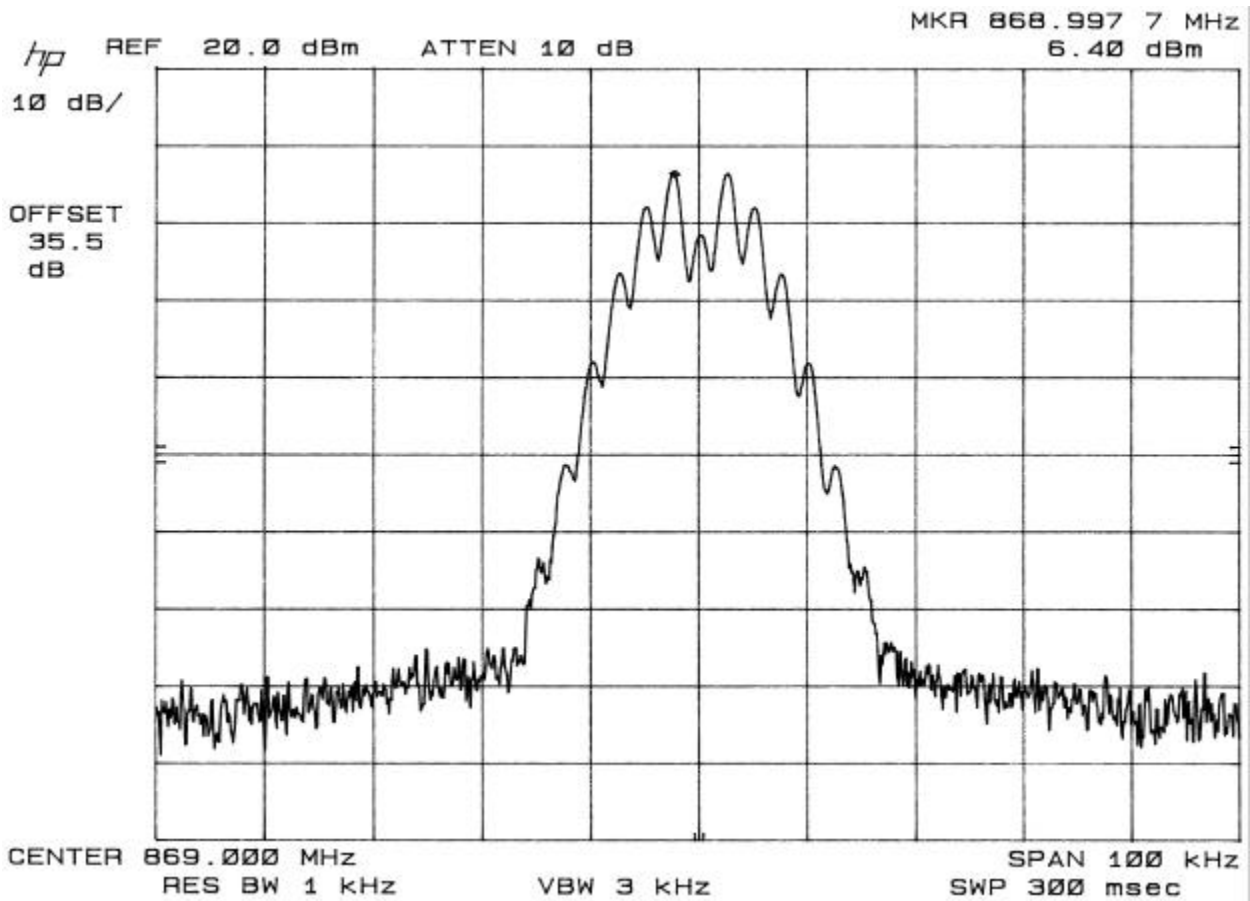


FIGURE 6: OCCUPIED BANDWIDTH

	5969 Robinson Avenue Riverside, CA 92503 (909) 637-2630 FAX (909) 637-2704	Occupied Bandwidth		
DNB Job Number:	RV48085A	Date:	10 Feb 2004	Conformance Standards [X] FCC Part 15 [X] FCC Part 22 [X] FCC Part 24 [X] FCC Part 90
Customer:	Janizary Holdings Inc			
Model Number:	CA-819	Serial Number:		
Description:	RF amplifier			
	Downlink			
	Signal Source - TDMA – Output – 869MHz			

