

**Application for Certification  
For an RF amplifier**

**Janizary Holdings Inc.  
5380 Sterling Center Drive  
Westlake Village, CA 91361**

**RF amplifier**

**FCC ID: RFK-CBAHP800**

**REPORT # RV58129A-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 Part 22 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 4738**

6 Jan 2006

**TEST LAB PERSONNEL**

| <b>Test Performed by:</b> | <b>Date</b> | <b>Signature</b>     |
|---------------------------|-------------|----------------------|
| Thomas Elders             | 17 May 2005 | <i>Thomas Elders</i> |

**APPROVAL**

| <b>Management Approval</b>           | <b>Date</b> | <b>Signature</b> |
|--------------------------------------|-------------|------------------|
| Les Payne<br>Sr. Engineering Manager | 17 May 2005 | <i>Les Payne</i> |

**REVISION APPROVAL**

| <b>Management Approval</b>           | <b>Date</b> | <b>Signature</b> |
|--------------------------------------|-------------|------------------|
| Les Payne<br>Sr. Engineering Manager | 6 Jan 2006  | <i>Les Payne</i> |

**Original report RV58129A-001**  
**Revised Report RV58129A-002**

**Dated 17 May 2005**  
**Dated 6 Jan 2006**

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## 1.0 ADMINISTRATIVE DATA

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### 1.1 Certifications and Qualifications

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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

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The test data presented in this report has been acquired using the guidelines set forth in FCC Part 2.1031 through 2.1057, and Part 22, 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.



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### 1.3 Test Methodology

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The tests were performed in accordance with FCC Part 2 Subpart J, 2.1031 through 2.1057, 15, and 22, 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 Date | Test Used On                                             |
|-----------------------|-----------------|-------------|------------|----------|----------------------------------------------------------|
| Signal Generator      | Agilent         | E4432B      | GB40051213 | 09/24/05 | RF Power Out put, Emissions Lim, Cond Spur, Rad Spur, CE |
| Signal Generator      | Marconi         | 2024        | 112231/034 | 02/02/05 | RF Power Out put, Emissions Lim, Cond Spur, Rad Spur, CE |
| Spec Analyzer Display | H/P             | 85662A      | 259101-1   | 01/10/06 | RF Power Out put, Emissions Lim, Cond Spur, Rad Spur, CE |
| Spectrum Analyzer     | H/P             | 8566B       | 259101-2   | 01/10/06 | RF Power Out put, Emissions Lim, Cond Spur, Rad Spur, CE |
| Spec Analyzer Display | H/P             | 85662A      | 2318A05282 | 8/14/05  | RE                                                       |
| Spectrum Analyzer     | H/P             | 85680B      | 2049A01403 | 6/2/05   | RE                                                       |
| Quasi-Peak Adapter    | H/P             | 85650A      | 2043A00184 | 6/2/05   | RE                                                       |
| Bicon Antenna         | H/P             | 85650A      | 2043A00184 | 6/2/05   | RE                                                       |
| Log Antenna           | AH Systems      | SAS-200/540 | 524        | 12/26/05 | RE                                                       |
| DRG Antenna           | EMCO            | 3146        | 1284       | 1/2/06   | RE                                                       |
| Spectrum Analyzer     | Agilent         | E4407B      | MY45103462 | 9/9/05   | RF Power/Bandwidth                                       |
| Signal Generator      | Rhode & Schwarz | SMU 200A    | 100094     | 6/9/05   | RF Power/Bandwidth                                       |

### 1.5 DEVIATIONS

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#### Deviations/Modifications to the EUT

None.

#### Deviations/Modifications from test standard.

None

## 1.6 TEST DESCRIPTION

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**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**

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|                                  |                                                                                    |                                                                     |     |
|----------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----|
| Name of Applicant:               | Janizary Holdings Inc.<br>5380 Sterling Center Drive<br>Westlake Village, CA 91361 |                                                                     |     |
| FRN:                             | 0009486226                                                                         |                                                                     |     |
| Applicant is:                    | X                                                                                  | Manufacturer<br>Vendor<br>Licensee<br>Prospective Licensee<br>Other |     |
| Name of Manufacturer             | Janizary Holdings Inc.                                                             |                                                                     |     |
| Description:                     | Cellular RF amplifier                                                              |                                                                     |     |
| Part Number:                     | CB-HP-800                                                                          |                                                                     |     |
| Anticipated Production Quantity: | Multiple Units                                                                     |                                                                     |     |
| Applicable FCC Parts:            | 22                                                                                 |                                                                     |     |
| Applicable IC Standard:          | RSS-131                                                                            |                                                                     |     |
| FCC ID No:                       | RFK-CBAHP800                                                                       |                                                                     |     |
| FCC Emissions Designator:        | 22H                                                                                | F8W                                                                 |     |
|                                  | 22H                                                                                | F1D                                                                 |     |
|                                  | 22H                                                                                | DXW                                                                 |     |
|                                  | 22H                                                                                | F9W                                                                 |     |
| Frequency Range:                 | Uplink                                                                             | 824.2-848.8                                                         | MHz |
|                                  | Downlink                                                                           | 869.2-893.8                                                         | MHz |
| Rated ERP:                       | 4.932W (inclusive of antenna gain and cable loss)                                  |                                                                     |     |

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


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FCC ID: RFK-CBAHP800

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


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|                   |     |     |
|-------------------|-----|-----|
| 824.2 – 848.8 MHz | 22H | F8W |
| 824.2 – 848.8 MHz | 22H | F1D |
| 824.8 – 848.3 MHz | 22H | DXW |
| 824.2 – 848.8 MHz | 22H | F9W |

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


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|        |                   |          |                   |
|--------|-------------------|----------|-------------------|
| Uplink | 824.2 – 848.8 MHz | Downlink | 869.2 – 893.8 MHz |
|--------|-------------------|----------|-------------------|

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


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|          |                   |        |             |
|----------|-------------------|--------|-------------|
| Uplink   | 824.2 – 848.8 MHz | 4.529W | (+ 36.6dBm) |
| Downlink | 869.2 – 893.8 MHz | 4.932W | (+ 36.9dBm) |

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


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| <u>RULES PART</u> | <u>MAXIMUM ERP (WATTS)</u> |
|-------------------|----------------------------|
| Part 22.913       | 7                          |

**2.1033 (C) (8) Input Power Characteristics** 2.8nW Maximum

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

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


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Customer will provide.

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


---

Customer will provide.

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


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Customer will provide.

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


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Customer will provide.

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


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AMPS / CDMA / TDMA /GSM

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


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See 2.1046-2.1053 and Radiated Emissions

FIGURE 2: TEST RESULT SUMMARY

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

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

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**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.

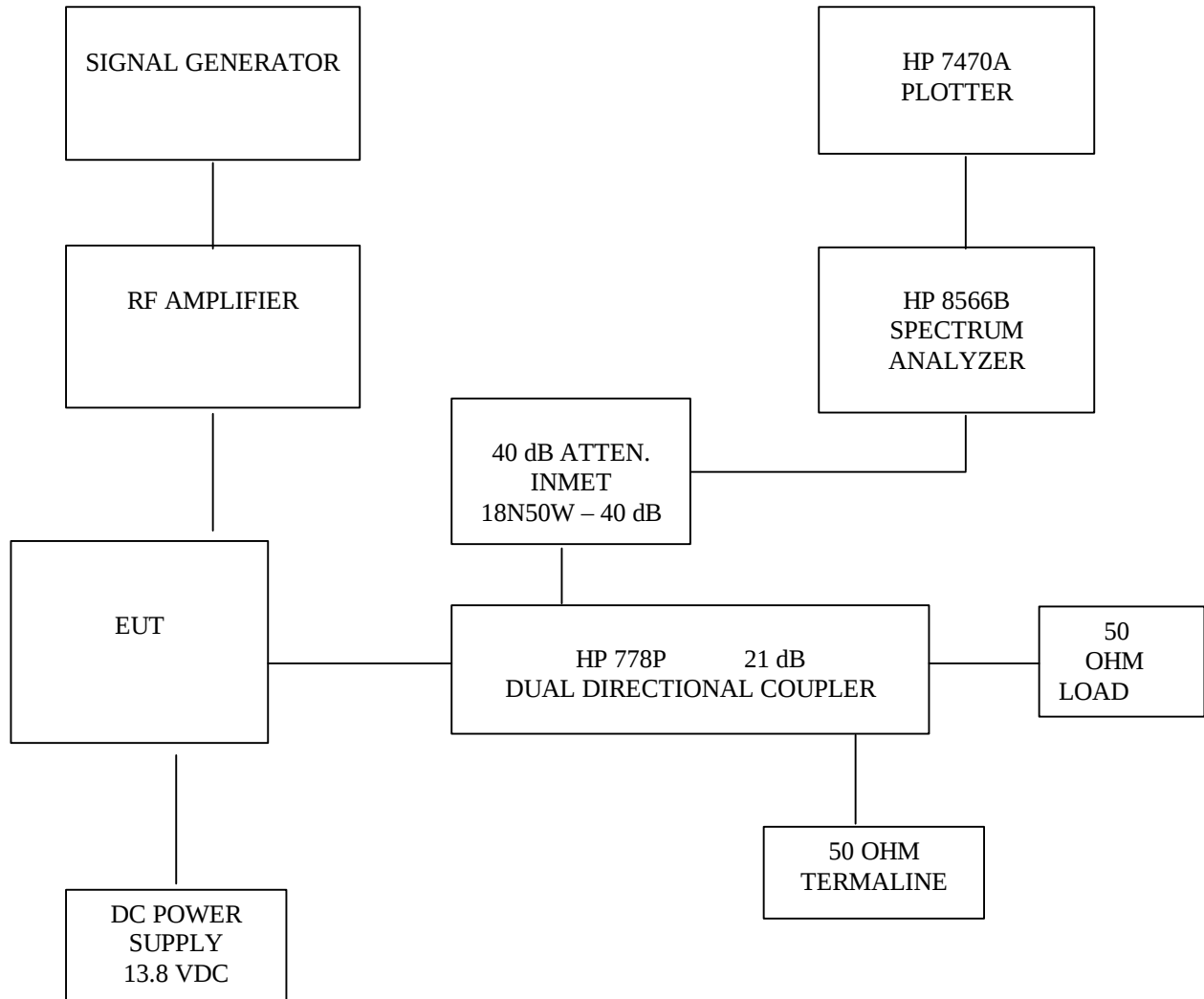
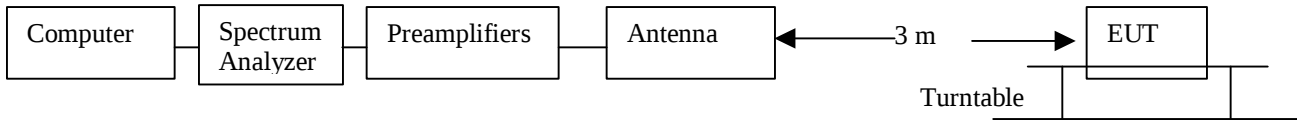


FIGURE 4: TEST SET UP BLOCK DIAGRAM FOR RADIATED EMISSIONS



## 2.1046

## Measurement of RF Power Output (IC RSS-131 Cl 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 the power measurement, CW (no modulation) is used. CW signal provided maximum emissions signature for all modulation types.

Test Results:

ERP is calculated using the following:

Antenna Gain = 15dBi

Cable Loss = 1.13

GF = Gain Factor = 13.87dBi (Antenna Gain – Minimum Cable Loss = Gain Factor)

P = Power in dBm

ERP in mW =  $\text{Antilog}((P+GF)/10)$

### Uplink

| <u>Freq</u><br><u>(MHz)</u> | <u>Power</u><br><u>(dBm)</u> | <u>Power</u><br><u>(W)</u> | <u>Gain</u><br><u>(dB)</u> | <u>GF</u><br><u>(dBi)</u> | <u>ERP</u><br><u>(W)</u> |
|-----------------------------|------------------------------|----------------------------|----------------------------|---------------------------|--------------------------|
| 824.2                       | 21.00                        | .126                       | 51.73                      | 13.87                     | 3.069                    |
| 836.5                       | 22.69                        | .186                       | 53.08                      | 13.87                     | 4.529                    |
| 848.8                       | 20.98                        | .125                       | 52.05                      | 13.87                     | 3.055                    |

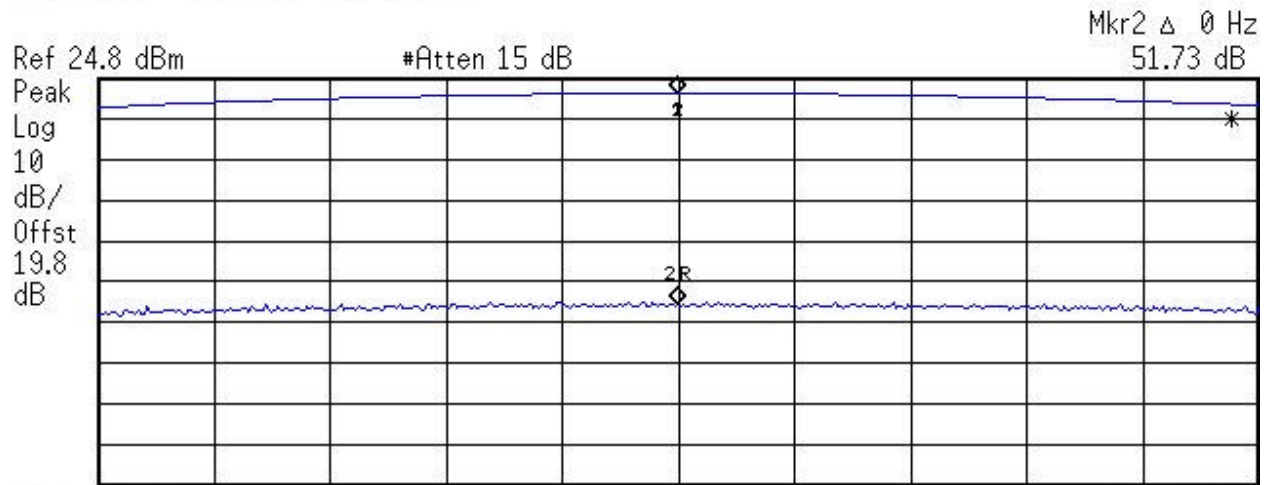
### Downlink

| <u>Freq</u><br><u>(MHz)</u> | <u>Power</u><br><u>(dBm)</u> | <u>Power</u><br><u>(W)</u> | <u>Gain</u><br><u>(dB)</u> | <u>GF</u><br><u>(dBi)</u> | <u>ERP</u><br><u>(W)</u> |
|-----------------------------|------------------------------|----------------------------|----------------------------|---------------------------|--------------------------|
| 869.2                       | 16.43                        | .044W                      | 47.45                      | 13.87                     | 1.072                    |
| 881.5                       | 23.06                        | .202W                      | 53.99                      | 13.87                     | 4.932                    |
| 893.8                       | 23.04                        | .201W                      | 54.13                      | 13.87                     | 4.909                    |

FIGURE 5: OUTPUT POWER PLOTS, UPLINK.

|                                                                                   |                                                                                     |                  |                                                            |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------|------------------------------------------------------------|
|  | 5969 Robinson Avenue<br>Riverside, CA 92503<br>(951) 637-2630<br>FAX (951) 637-2704 | Output Power     |                                                            |
| DNB Job Number:                                                                   | 58129                                                                               | Date: 4 Jan 2006 | Conformance Standards<br>[X] IC RSS-131<br>[X] FCC Part 22 |
| Customer:                                                                         | Janizary Holdings Inc                                                               |                  |                                                            |
| Model Number:                                                                     | CB-HP-800                                                                           | Serial Number:   |                                                            |
| Description:                                                                      | RF amplifier                                                                        |                  |                                                            |
|                                                                                   | Uplink 824.2 MHz                                                                    |                  |                                                            |

Agilent 15:01:13 Jan 4, 2006



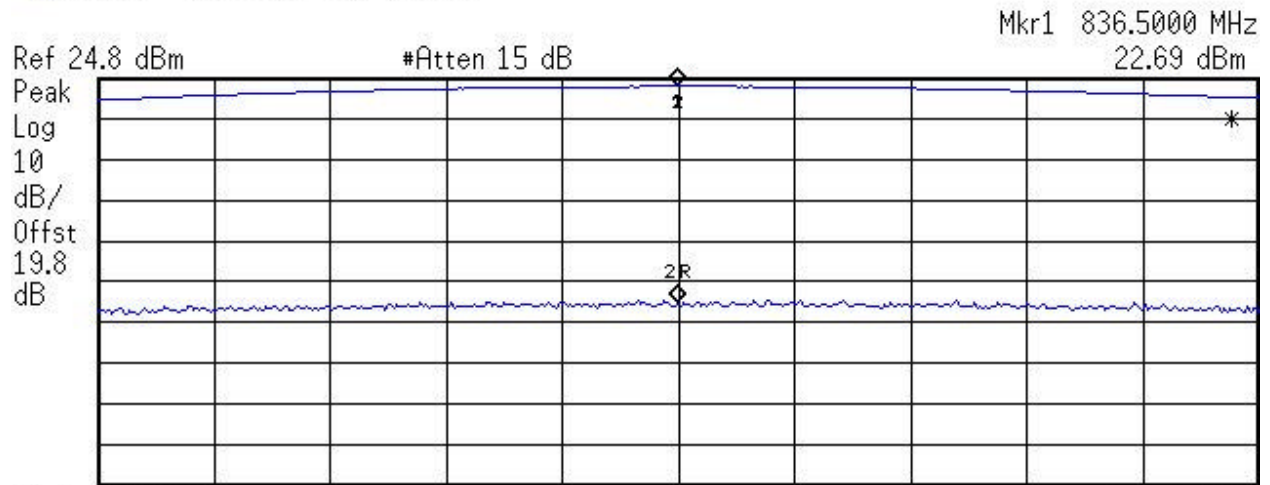
Center 824.2 MHz Span 1 MHz  
 #Res BW 1 MHz VBW 3 MHz Sweep 5 ms (401 pts)

| Marker | Trace | Type | X Axis       | Amplitude  |
|--------|-------|------|--------------|------------|
| 1      | (2)   | Freq | 824.2000 MHz | 21 dBm     |
| 2R     | (2)   | Freq | 824.2000 MHz | -30.74 dBm |
| 2Δ     | (2)   | Freq | 0 Hz         | 51.73 dB   |

FIGURE 5: OUTPUT POWER PLOTS, UPLINK.

|                                                                                   |                                                                                     |                       |                     |                                                                   |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------|---------------------|-------------------------------------------------------------------|
|  | 5969 Robinson Avenue<br>Riverside, CA 92503<br>(951) 637-2630<br>FAX (951) 637-2704 |                       | <b>Output Power</b> |                                                                   |
|                                                                                   | DNB Job Number:                                                                     | 58129                 | Date:               | 4 Jan 2006                                                        |
|                                                                                   | Customer:                                                                           | Janizary Holdings Inc |                     |                                                                   |
|                                                                                   | Model Number:                                                                       | CB-HP-800             | Serial Number:      |                                                                   |
|                                                                                   | Description:                                                                        | RF amplifier          |                     |                                                                   |
|                                                                                   |                                                                                     | Uplink 836.5 MHz      |                     |                                                                   |
|                                                                                   |                                                                                     |                       |                     | <b>Conformance Standards</b><br>[X] IC RSS-131<br>[X] FCC Part 22 |

\* Agilent 15:06:29 Jan 4, 2006

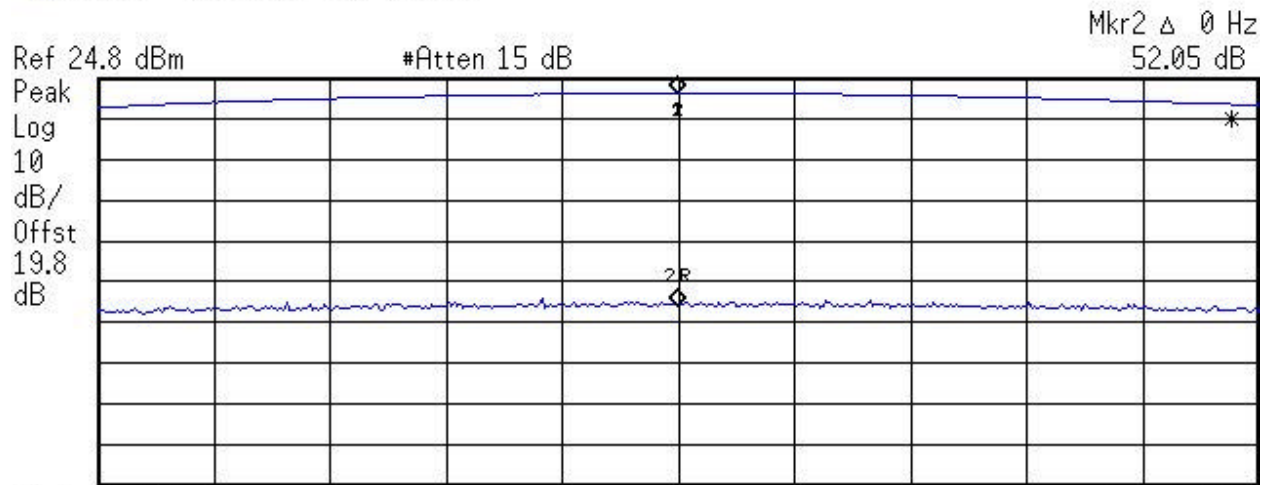


| Marker | Trace | Type | X Axis       | Amplitude  |
|--------|-------|------|--------------|------------|
| 1      | (2)   | Freq | 836.5000 MHz | 22.69 dBm  |
| 2R     | (2)   | Freq | 836.5000 MHz | -30.39 dBm |
| 2Δ     | (2)   | Freq | 0 Hz         | 53.08 dB   |

FIGURE 5: OUTPUT POWER PLOTS, UPLINK.

|                                                                                   |                                                                                     |                  |                                                            |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------|------------------------------------------------------------|
|  | 5969 Robinson Avenue<br>Riverside, CA 92503<br>(951) 637-2630<br>FAX (951) 637-2704 | Output Power     |                                                            |
| DNB Job Number:                                                                   | 58129                                                                               | Date: 4 Jan 2006 | Conformance Standards<br>[X] IC RSS-131<br>[X] FCC Part 22 |
| Customer:                                                                         | Janizary Holdings Inc                                                               |                  |                                                            |
| Model Number:                                                                     | CB-HP-800                                                                           | Serial Number:   |                                                            |
| Description:                                                                      | RF amplifier                                                                        |                  |                                                            |
|                                                                                   | Uplink 848.8 MHz                                                                    |                  |                                                            |

\* Agilent 15:15:20 Jan 4, 2006



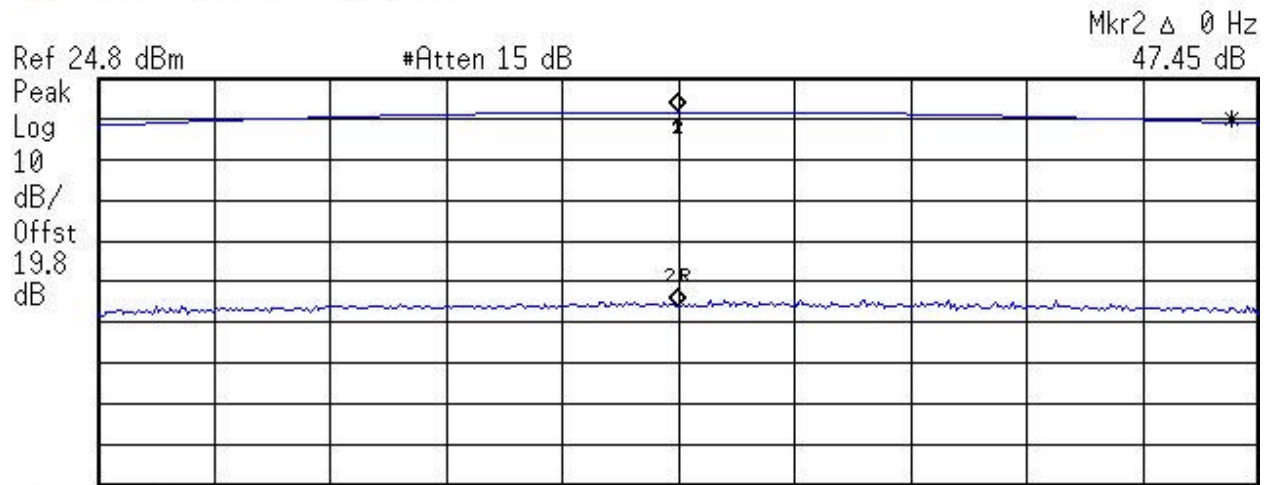
Center 848.8 MHz      Span 1 MHz  
 #Res BW 1 MHz      VBW 3 MHz      Sweep 5 ms (401 pts)

| Marker | Trace | Type | X Axis       | Amplitude  |
|--------|-------|------|--------------|------------|
| 1      | (2)   | Freq | 848.8000 MHz | 20.98 dBm  |
| 2R     | (2)   | Freq | 848.8000 MHz | -31.07 dBm |
| 2Δ     | (2)   | Freq | 0 Hz         | 52.05 dB   |

FIGURE 5: OUTPUT POWER PLOTS, DOWNLINK.

|                                                                                   |                                                                                     |                     |                                                                   |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------|
|  | 5969 Robinson Avenue<br>Riverside, CA 92503<br>(951) 637-2630<br>FAX (951) 637-2704 | <b>Output Power</b> |                                                                   |
| DNB Job Number:                                                                   | 58129                                                                               | Date: 4 Jan 2006    | <b>Conformance Standards</b><br>[X] IC RSS-131<br>[X] FCC Part 22 |
| Customer:                                                                         | Janizary Holdings Inc                                                               |                     |                                                                   |
| Model Number:                                                                     | CB-HP-800                                                                           | Serial Number:      |                                                                   |
| Description:                                                                      | RF amplifier                                                                        |                     |                                                                   |
|                                                                                   | Downlink 869.2 MHz                                                                  |                     |                                                                   |

\* Agilent 15:18:39 Jan 4, 2006



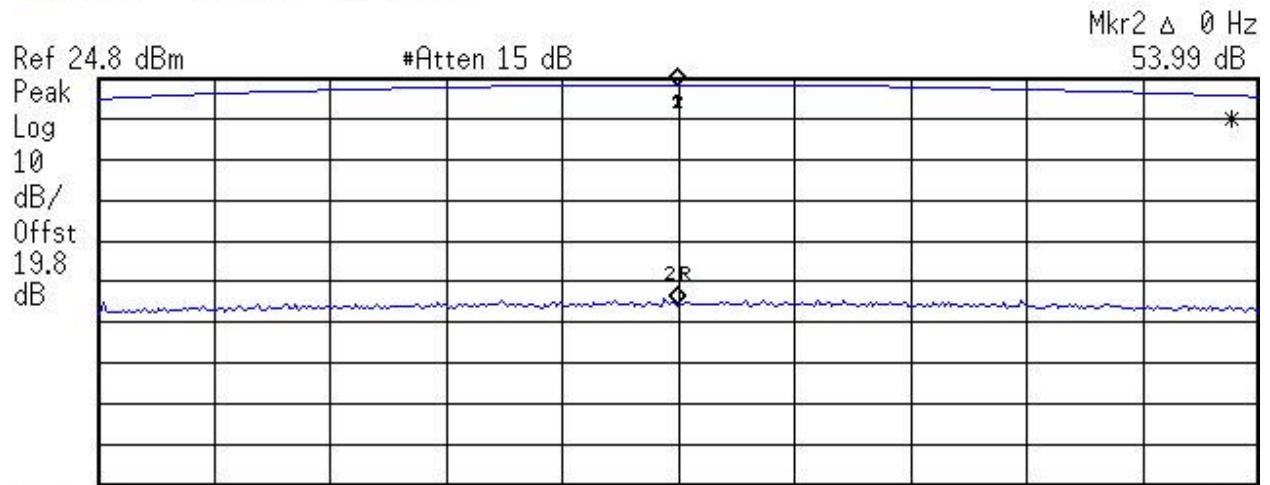
Center 869.2 MHz Span 1 MHz  
 #Res BW 1 MHz VBW 3 MHz Sweep 5 ms (401 pts)

| Marker | Trace | Type | X Axis       | Amplitude  |
|--------|-------|------|--------------|------------|
| 1      | (2)   | Freq | 869.2000 MHz | 16.43 dBm  |
| 2R     | (2)   | Freq | 869.2000 MHz | -31.03 dBm |
| 2Δ     | (2)   | Freq | 0 Hz         | 47.45 dB   |

FIGURE 5: OUTPUT POWER PLOTS, DOWNLINK.

|                                                                                   |                                                                                     |                     |                                                                   |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------|
|  | 5969 Robinson Avenue<br>Riverside, CA 92503<br>(951) 637-2630<br>FAX (951) 637-2704 | <b>Output Power</b> |                                                                   |
| DNB Job Number:                                                                   | 58129                                                                               | Date: 4 Jan 2006    | <b>Conformance Standards</b><br>[X] IC RSS-131<br>[X] FCC Part 22 |
| Customer:                                                                         | Janizary Holdings Inc                                                               |                     |                                                                   |
| Model Number:                                                                     | CB-HP-800                                                                           | Serial Number:      |                                                                   |
| Description:                                                                      | RF amplifier                                                                        |                     |                                                                   |
|                                                                                   | Downlink 881.5 MHz                                                                  |                     |                                                                   |

\* Agilent 15:21:09 Jan 4, 2006

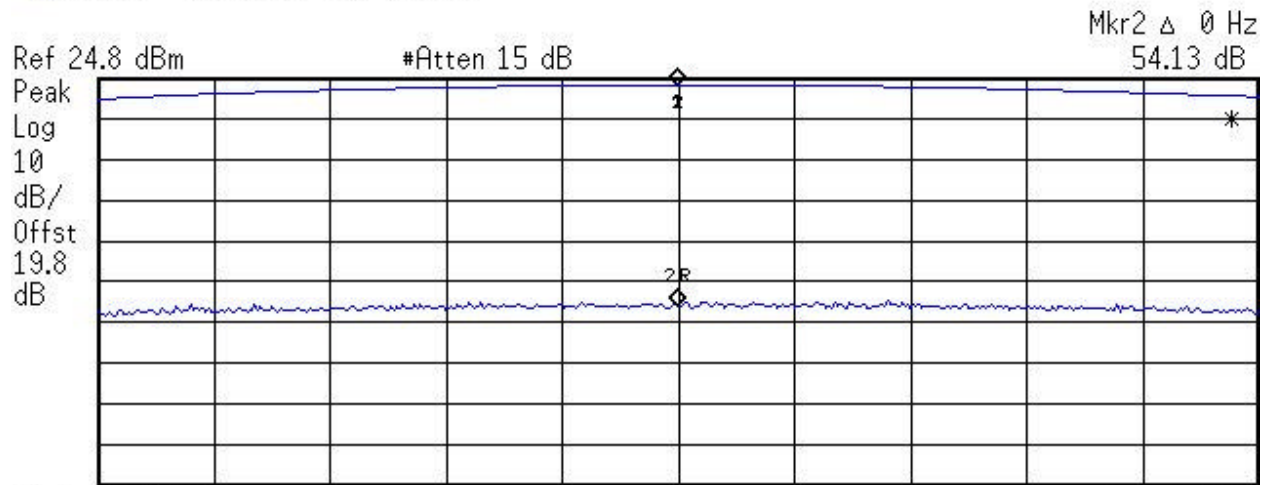


| Marker | Trace | Type | X Axis       | Amplitude  |
|--------|-------|------|--------------|------------|
| 1      | (2)   | Freq | 881.5000 MHz | 23.06 dBm  |
| 2R     | (2)   | Freq | 881.5000 MHz | -30.93 dBm |
| 2Δ     | (2)   | Freq | 0 Hz         | 53.99 dB   |

FIGURE 5: OUTPUT POWER PLOTS, DOWNLINK.

|                                                                                   |                                                                                     |                     |                                                                   |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------|
|  | 5969 Robinson Avenue<br>Riverside, CA 92503<br>(951) 637-2630<br>FAX (951) 637-2704 | <b>Output Power</b> |                                                                   |
| DNB Job Number:                                                                   | 58129                                                                               | Date: 4 Jan 2006    | <b>Conformance Standards</b><br>[X] IC RSS-131<br>[X] FCC Part 22 |
| Customer:                                                                         | Janizary Holdings Inc                                                               |                     |                                                                   |
| Model Number:                                                                     | CB-HP-800                                                                           | Serial Number:      |                                                                   |
| Description:                                                                      | RF amplifier                                                                        |                     |                                                                   |
|                                                                                   | Downlink 893.8 MHz                                                                  |                     |                                                                   |

\* Agilent 15:24:05 Jan 4, 2006



| Center 893.8 MHz |       | Span 1 MHz           |           |
|------------------|-------|----------------------|-----------|
| #Res BW 1 MHz    |       | Sweep 5 ms (401 pts) |           |
|                  |       | VBW 3 MHz            |           |
| Marker           | Trace | Type                 | Amplitude |
| 1                | (2)   | Freq                 | 23.04 dBm |
| 2R               | (2)   | Freq                 | -31.1 dBm |
| 2Δ               | (2)   | Freq                 | 54.13 dB  |

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

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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:

GSM Signal  
TDMA 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 both uplink and downlink.

Modulation characteristic plots are shown in this section.

FIGURE 6: OCCUPIED BANDWIDTH

|                                                                                   |                                                                                     |                                   |                                                                   |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------|-------------------------------------------------------------------|
|  | 5969 Robinson Avenue<br>Riverside, CA 92503<br>(951) 637-2630<br>FAX (951) 637-2704 | <b>Modulation Characteristics</b> |                                                                   |
| DNB Job Number:                                                                   | 58129                                                                               | Date: 4 Jan 2006                  | <b>Conformance Standards</b><br>[X] IC RSS-131<br>[X] FCC Part 22 |
| Customer:                                                                         | Janizary Holdings Inc                                                               |                                   |                                                                   |
| Model Number:                                                                     | CB-HP-800                                                                           | Serial Number:                    |                                                                   |
| Description:                                                                      | RF amplifier                                                                        |                                   |                                                                   |
|                                                                                   | GSM                                                                                 |                                   |                                                                   |
|                                                                                   | Top trace = Output / Bottom trace = Input                                           |                                   |                                                                   |

\* Agilent 14:17:40 Jan 4, 2006

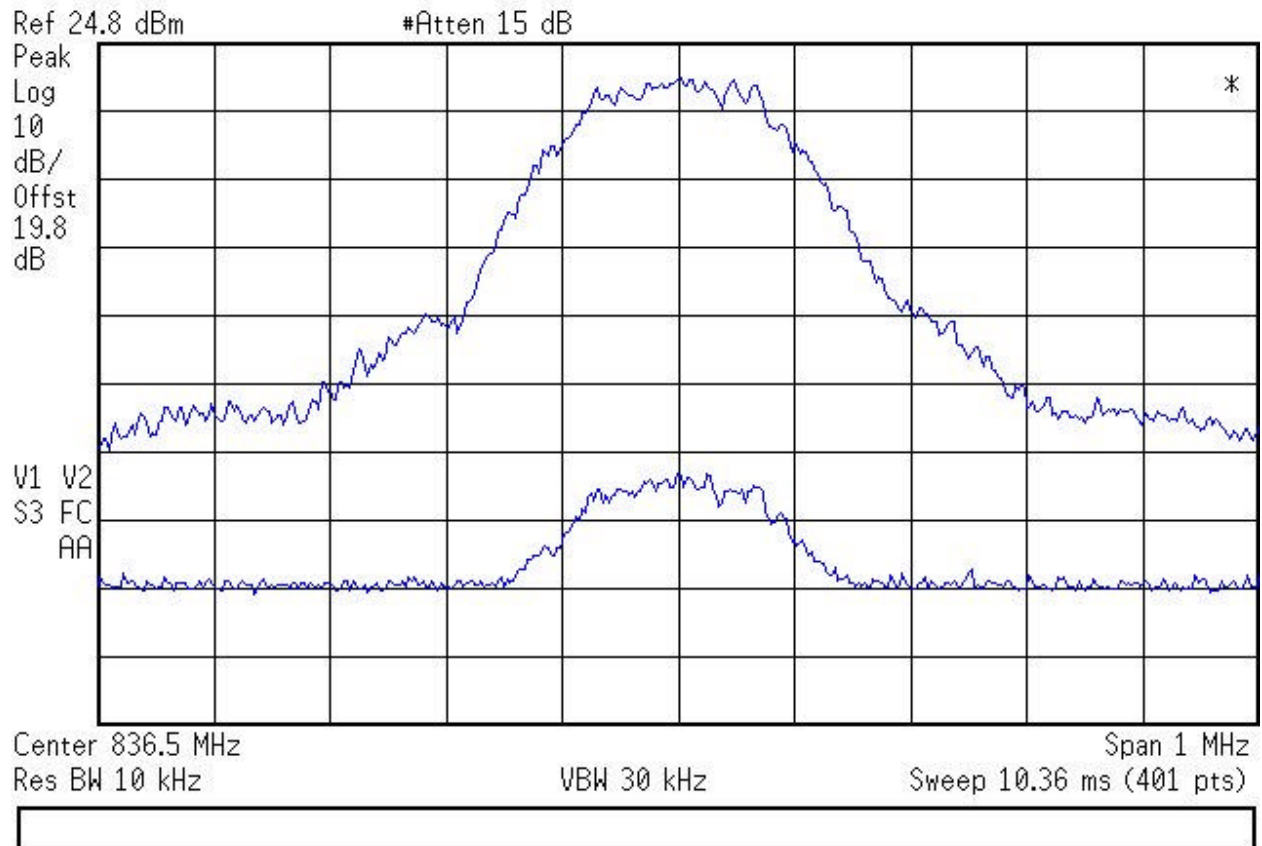


FIGURE 6: OCCUPIED BANDWIDTH

|                                                                                   |                                                                                     |                                   |                                                                   |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------|-------------------------------------------------------------------|
|  | 5969 Robinson Avenue<br>Riverside, CA 92503<br>(951) 637-2630<br>FAX (951) 637-2704 | <b>Modulation Characteristics</b> |                                                                   |
| DNB Job Number:                                                                   | 58129                                                                               | Date: 4 Jan 2006                  | <b>Conformance Standards</b><br>[X] IC RSS-131<br>[X] FCC Part 22 |
| Customer:                                                                         | Janizary Holdings Inc                                                               |                                   |                                                                   |
| Model Number:                                                                     | CB-HP-800                                                                           | Serial Number:                    |                                                                   |
| Description:                                                                      | RF amplifier                                                                        |                                   |                                                                   |
|                                                                                   | TDMA                                                                                |                                   |                                                                   |
|                                                                                   | Top trace = Output / Bottom trace = Input                                           |                                   |                                                                   |

✱ Agilent 14:15:09 Jan 4, 2006

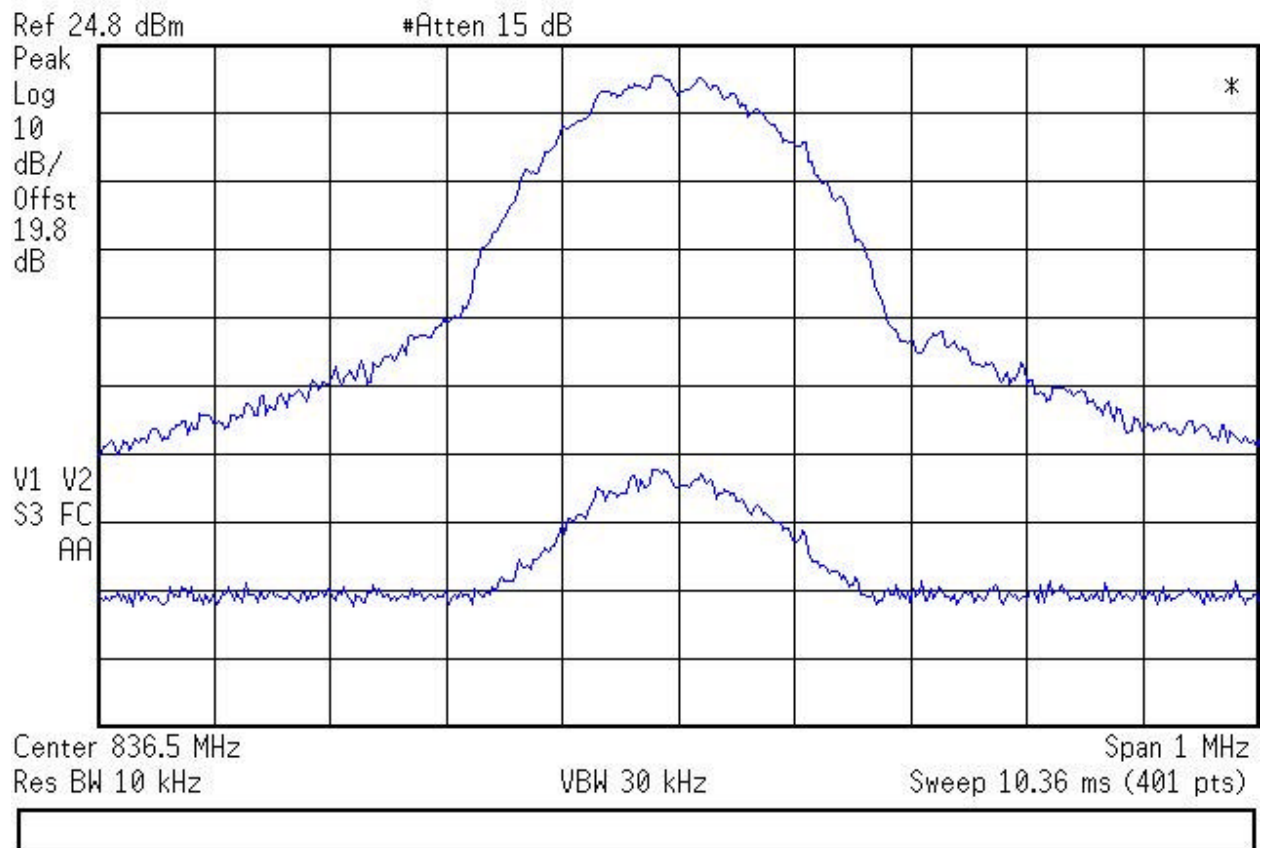


FIGURE 6: OCCUPIED BANDWIDTH

|                                                                                   |                                                                                     |                                   |                                                                   |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------|-------------------------------------------------------------------|
|  | 5969 Robinson Avenue<br>Riverside, CA 92503<br>(951) 637-2630<br>FAX (951) 637-2704 | <b>Modulation Characteristics</b> |                                                                   |
| DNB Job Number:                                                                   | 58129                                                                               | Date: 4 Jan 2006                  | <b>Conformance Standards</b><br>[X] IC RSS-131<br>[X] FCC Part 22 |
| Customer:                                                                         | Janizary Holdings Inc                                                               |                                   |                                                                   |
| Model Number:                                                                     | CB-HP-800                                                                           | Serial Number:                    |                                                                   |
| Description:                                                                      | RF amplifier                                                                        |                                   |                                                                   |
|                                                                                   | CDMA                                                                                |                                   |                                                                   |
|                                                                                   | Top trace = Output / Bottom trace = Input                                           |                                   |                                                                   |

\* Agilent 14:09:57 Jan 4, 2006

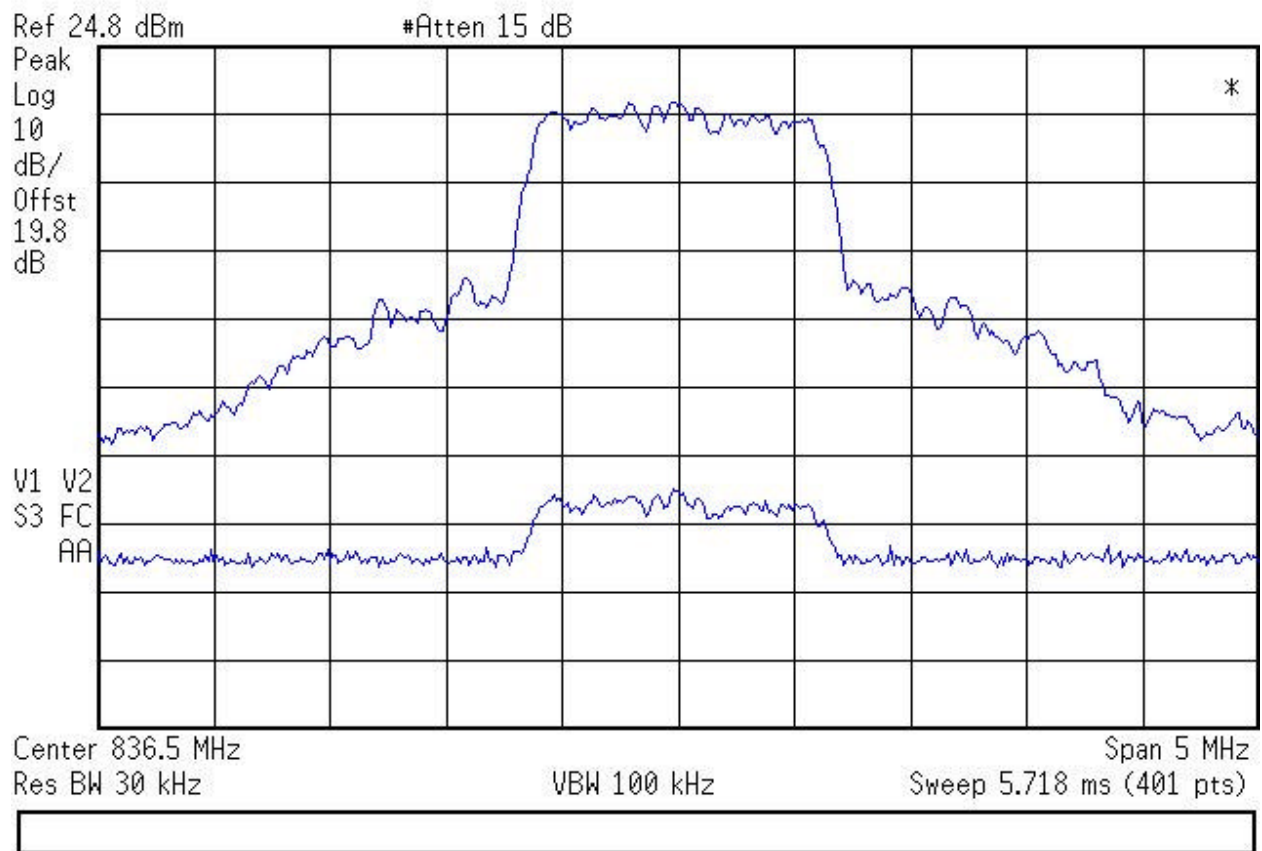


FIGURE 6: OCCUPIED BANDWIDTH

|                                                                                   |                                                                                     |                           |                                                                   |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------|
|  | 5969 Robinson Avenue<br>Riverside, CA 92503<br>(951) 637-2630<br>FAX (951) 637-2704 | <b>Occupied Bandwidth</b> |                                                                   |
| DNB Job Number:                                                                   | 58129                                                                               | Date: 3 Jan 2006          | <b>Conformance Standards</b><br>[X] IC RSS-131<br>[X] FCC Part 22 |
| Customer:                                                                         | Janizary Holdings Inc                                                               |                           |                                                                   |
| Model Number:                                                                     | CB-HP-800                                                                           | Serial Number:            |                                                                   |
| Description:                                                                      | RF amplifier                                                                        |                           |                                                                   |
|                                                                                   | Uplink – GSM – Lo Channel – 824.2 MHz                                               |                           |                                                                   |
|                                                                                   | Plots – Top = Input / Bottom = Output                                               |                           |                                                                   |

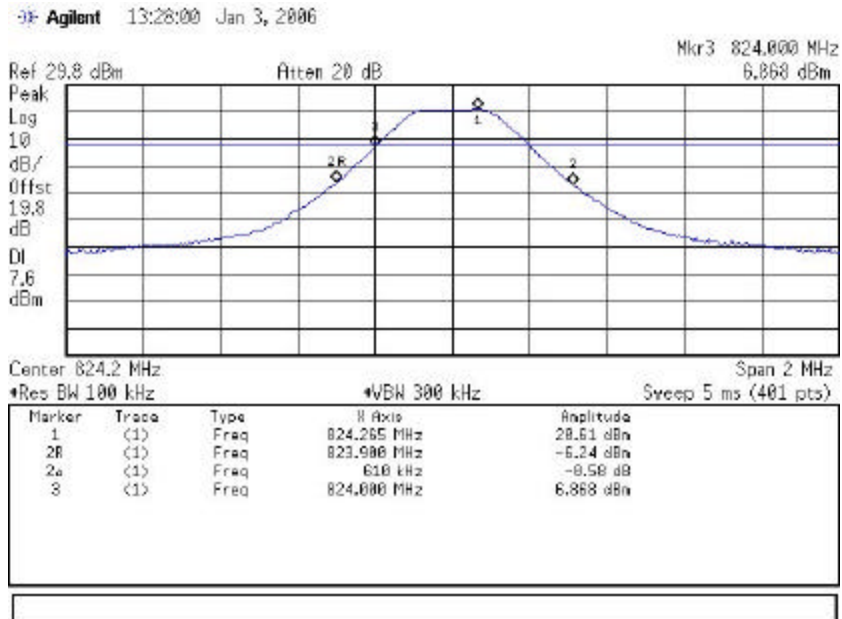
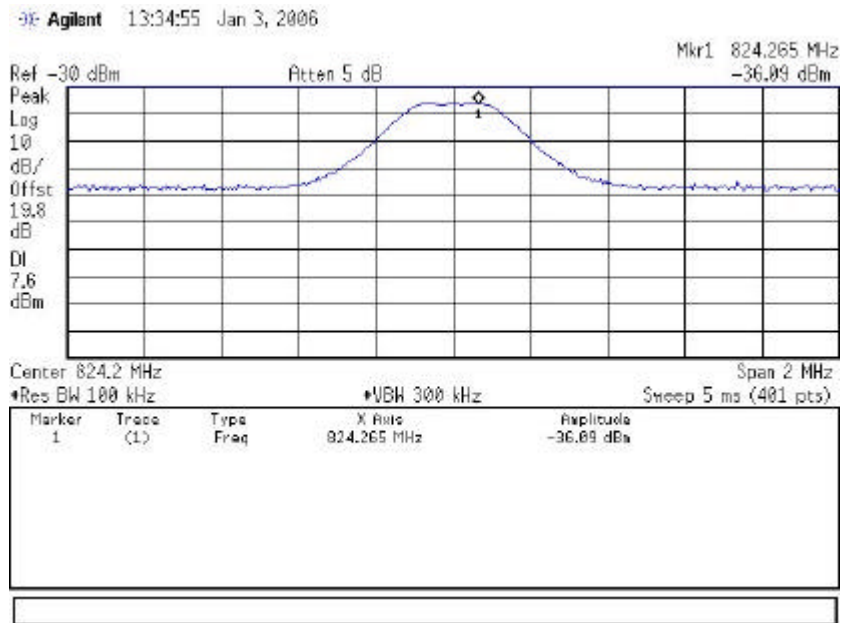


FIGURE 6: OCCUPIED BANDWIDTH

|                                                                                   |                                                                                     |                           |                                                                   |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------|
|  | 5969 Robinson Avenue<br>Riverside, CA 92503<br>(951) 637-2630<br>FAX (951) 637-2704 | <b>Occupied Bandwidth</b> |                                                                   |
| DNR Job Number:                                                                   | 58129                                                                               | Date: 3 Jan 2006          | <b>Conformance Standards</b><br>[X] IC RSS-131<br>[X] FCC Part 22 |
| Customer:                                                                         | Janizary Holdings Inc                                                               |                           |                                                                   |
| Model Number:                                                                     | CB-HP-800                                                                           | Serial Number:            |                                                                   |
| Description:                                                                      | RF amplifier                                                                        |                           |                                                                   |
|                                                                                   | Uplink – GSM – Mid Channel – 836.5 MHz                                              |                           |                                                                   |
|                                                                                   | Plots – Top = Input / Bottom = Output                                               |                           |                                                                   |

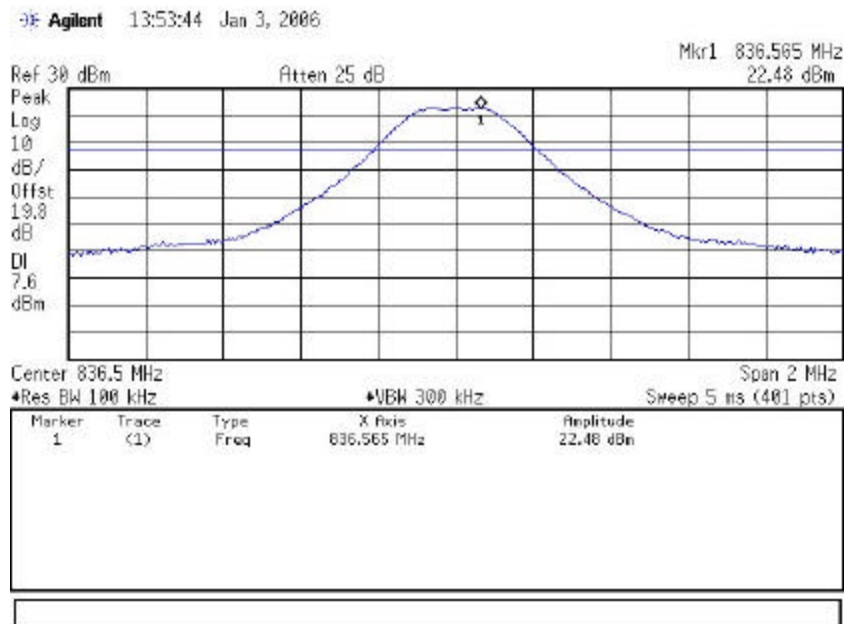
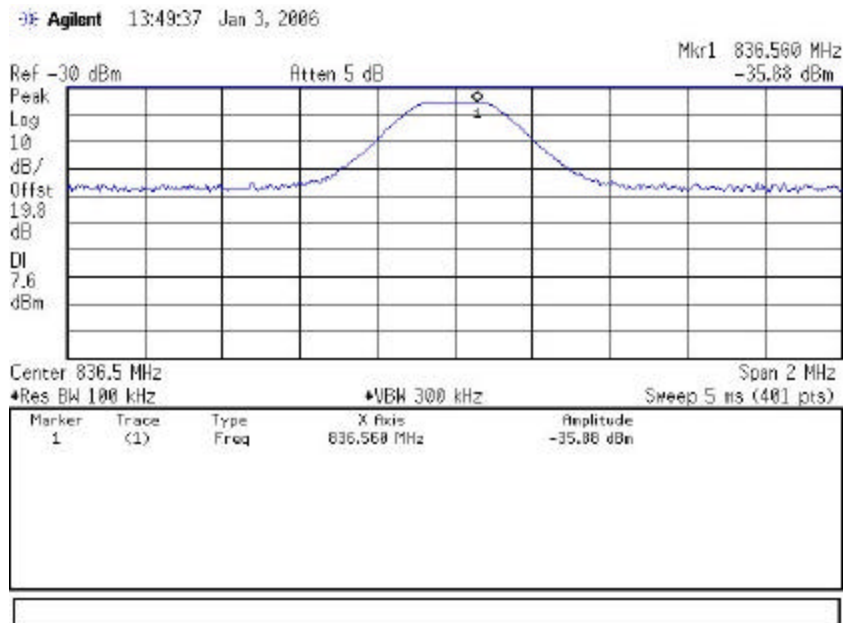


FIGURE 6: OCCUPIED BANDWIDTH

|                                                                                   |                                                                                     |                           |                                                                   |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------|
|  | 5969 Robinson Avenue<br>Riverside, CA 92503<br>(951) 637-2630<br>FAX (951) 637-2704 | <b>Occupied Bandwidth</b> |                                                                   |
| DNB Job Number:                                                                   | 58129                                                                               | Date: 3 Jan 2006          | <b>Conformance Standards</b><br>[X] IC RSS-131<br>[X] FCC Part 22 |
| Customer:                                                                         | Janizary Holdings Inc                                                               |                           |                                                                   |
| Model Number:                                                                     | CB-HP-800                                                                           | Serial Number:            |                                                                   |
| Description:                                                                      | RF amplifier                                                                        |                           |                                                                   |
|                                                                                   | Uplink – GSM – Hi Channel – 848.8 MHz                                               |                           |                                                                   |
|                                                                                   | Plots – Top = Input / Bottom = Output                                               |                           |                                                                   |

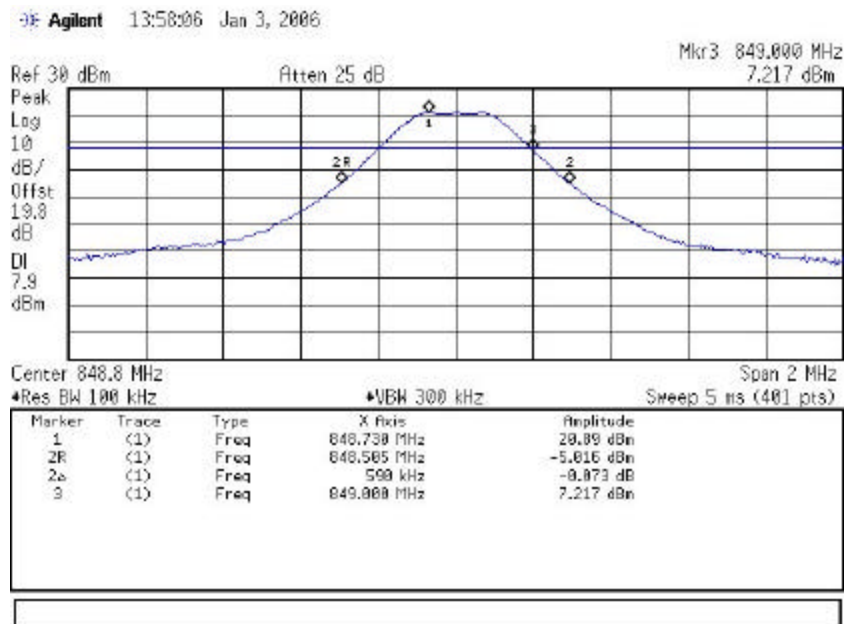
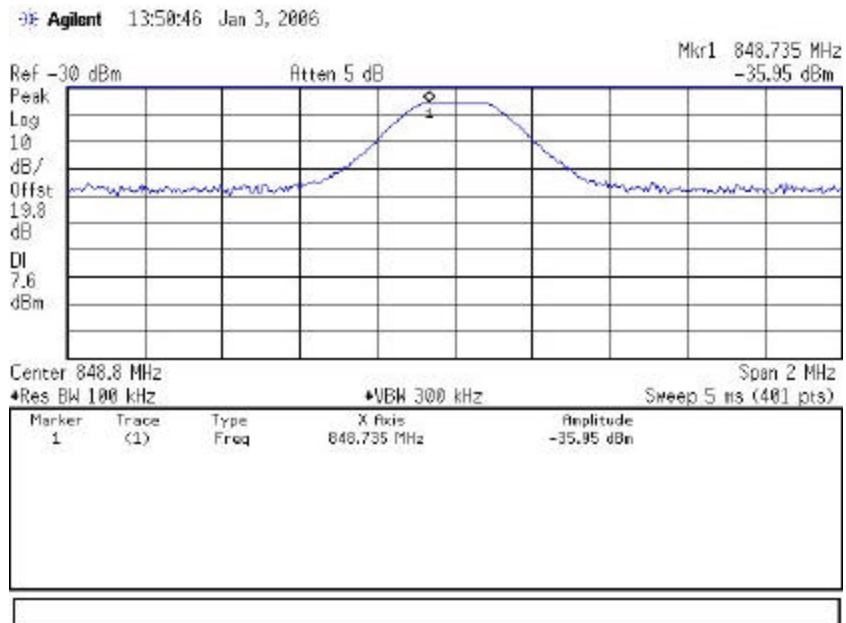


FIGURE 6: OCCUPIED BANDWIDTH

|                                                                                   |                                                                                     |                                                                   |            |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------|
|  | 5969 Robinson Avenue<br>Riverside, CA 92503<br>(951) 637-2630<br>FAX (951) 637-2704 | <b>Occupied Bandwidth</b>                                         |            |
| DNB Job Number:                                                                   | 58129                                                                               | Date:                                                             | 3 Jan 2006 |
| Customer:                                                                         | Janizary Holdings Inc                                                               |                                                                   |            |
| Model Number:                                                                     | CB-HP-800                                                                           | Serial Number:                                                    |            |
| Description:                                                                      | RF amplifier                                                                        |                                                                   |            |
|                                                                                   | Uplink – TDMA – Lo Channel – 824.2 MHz                                              |                                                                   |            |
|                                                                                   | Plots – Top = Input / Bottom = Output                                               |                                                                   |            |
|                                                                                   |                                                                                     | <b>Conformance Standards</b><br>[X] IC RSS-131<br>[X] FCC Part 22 |            |

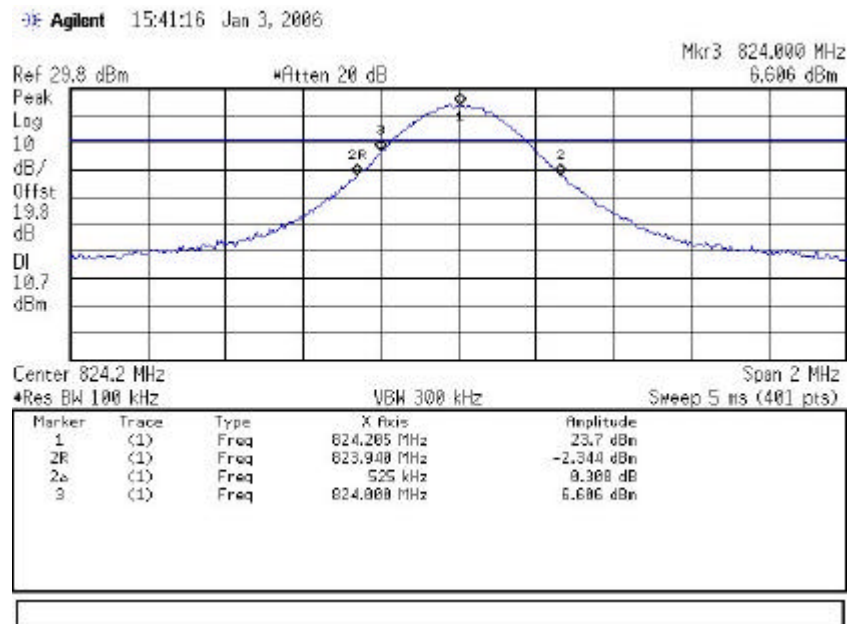
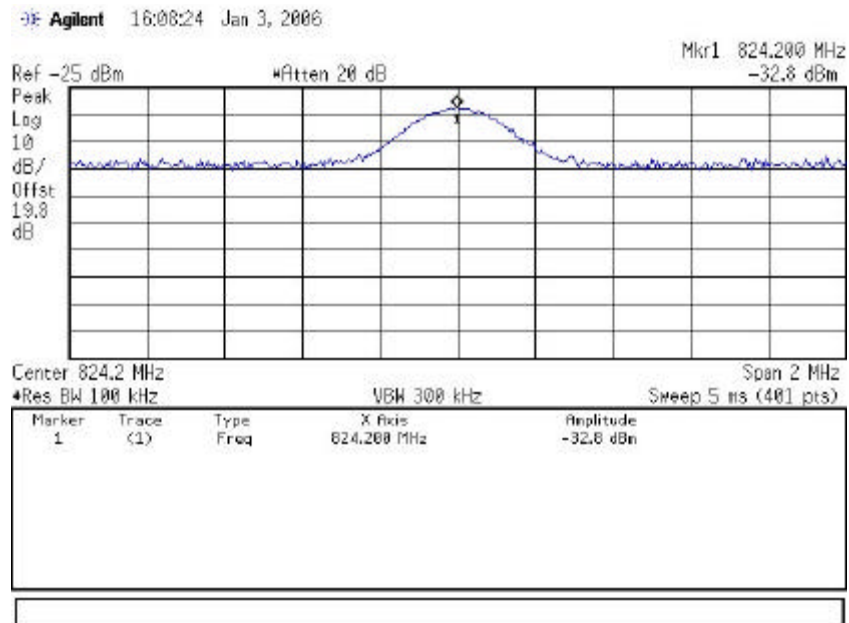


FIGURE 6: OCCUPIED BANDWIDTH

|                                                                                   |                                                                                     |                           |                                                                   |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------|
|  | 5969 Robinson Avenue<br>Riverside, CA 92503<br>(951) 637-2630<br>FAX (951) 637-2704 | <b>Occupied Bandwidth</b> |                                                                   |
| DNB Job Number:                                                                   | 58129                                                                               | Date: 3 Jan 2006          | <b>Conformance Standards</b><br>[X] IC RSS-131<br>[X] FCC Part 22 |
| Customer:                                                                         | Janizary Holdings Inc                                                               |                           |                                                                   |
| Model Number:                                                                     | CB-HP-800                                                                           | Serial Number:            |                                                                   |
| Description:                                                                      | RF amplifier                                                                        |                           |                                                                   |
|                                                                                   | Uplink – TDMA – Mid Channel – 836.5 MHz                                             |                           |                                                                   |
|                                                                                   | Plots – Top = Input / Bottom = Output                                               |                           |                                                                   |

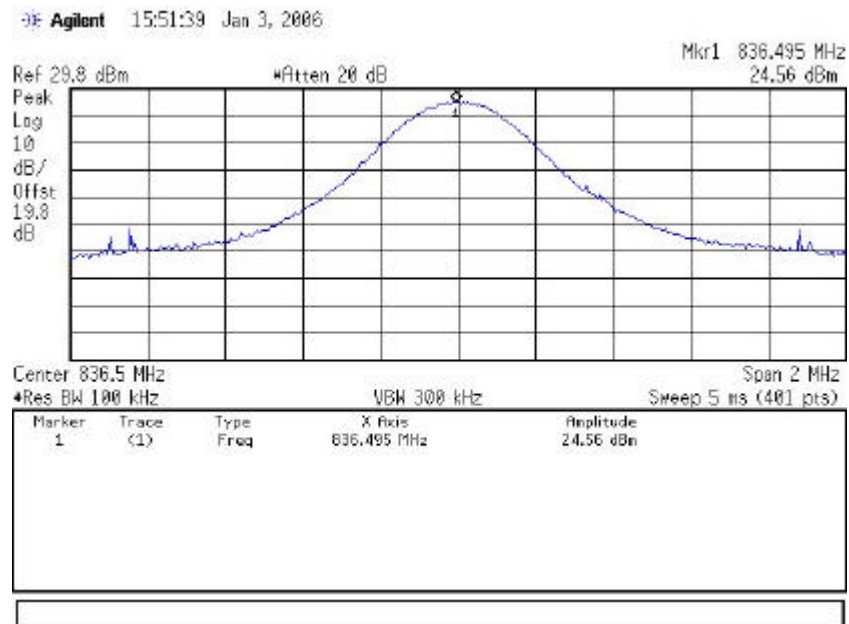
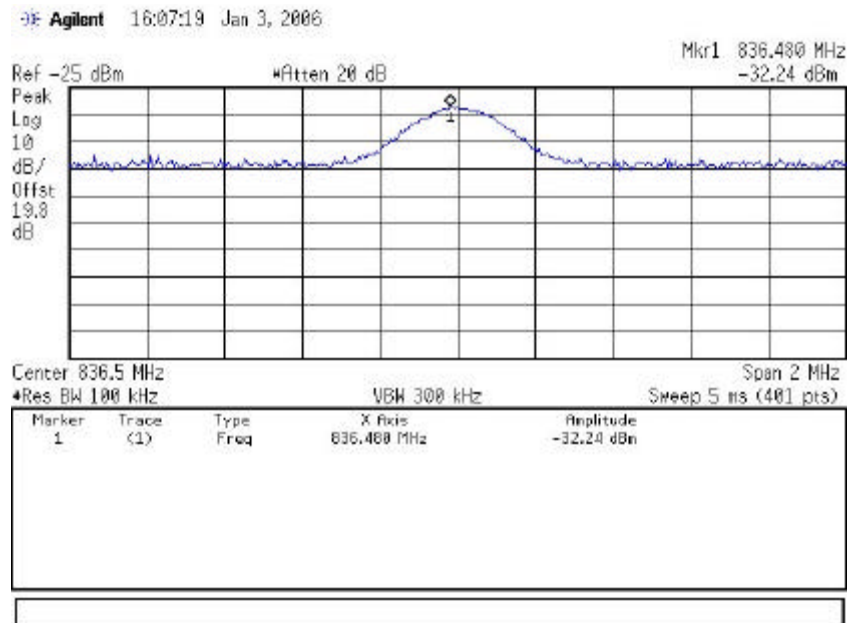


FIGURE 6: OCCUPIED BANDWIDTH

|                                                                                   |                                                                                     |                           |                                                                   |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------|
|  | 5969 Robinson Avenue<br>Riverside, CA 92503<br>(951) 637-2630<br>FAX (951) 637-2704 | <b>Occupied Bandwidth</b> |                                                                   |
| DNB Job Number:                                                                   | 58129                                                                               | Date: 3 Jan 2006          | <b>Conformance Standards</b><br>[X] IC RSS-131<br>[X] FCC Part 22 |
| Customer:                                                                         | Janizary Holdings Inc                                                               |                           |                                                                   |
| Model Number:                                                                     | CB-HP-800                                                                           | Serial Number:            |                                                                   |
| Description:                                                                      | RF amplifier                                                                        |                           |                                                                   |
|                                                                                   | Uplink – TDMA – Hi Channel – 848.8 MHz                                              |                           |                                                                   |
|                                                                                   | Plots – Top = Input / Bottom = Output                                               |                           |                                                                   |

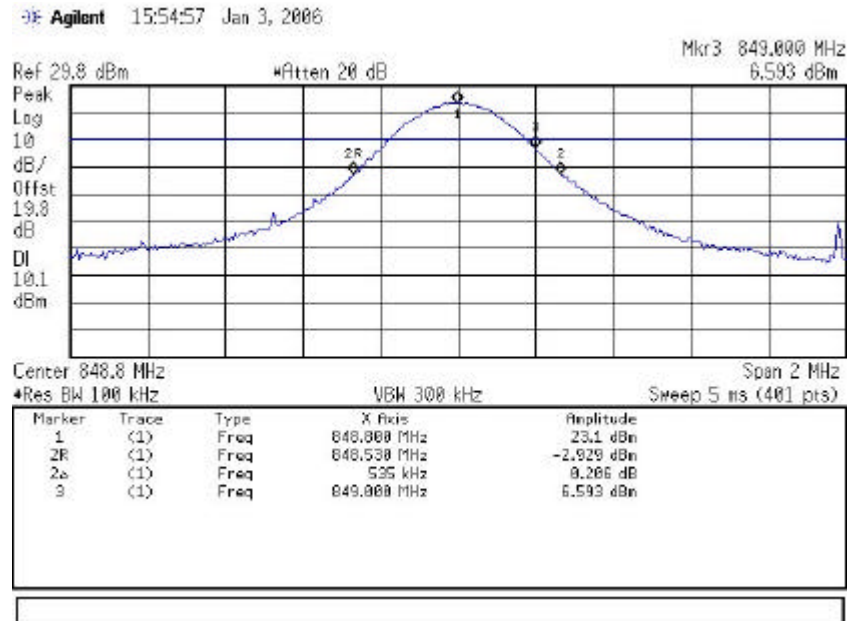
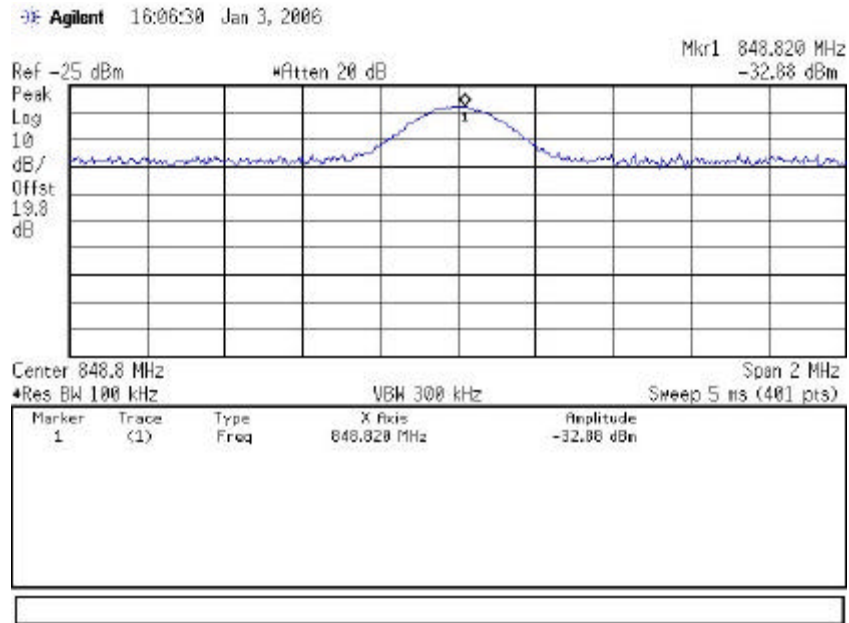


FIGURE 6: OCCUPIED BANDWIDTH

|                                                                                   |                                                                                     |                           |                                                                   |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------|
|  | 5969 Robinson Avenue<br>Riverside, CA 92503<br>(951) 637-2630<br>FAX (951) 637-2704 | <b>Occupied Bandwidth</b> |                                                                   |
| DNB Job Number:                                                                   | 58129                                                                               | Date: 4 Jan 2006          | <b>Conformance Standards</b><br>[X] IC RSS-131<br>[X] FCC Part 22 |
| Customer:                                                                         | Janizary Holdings Inc                                                               |                           |                                                                   |
| Model Number:                                                                     | CB-HP-800                                                                           | Serial Number:            |                                                                   |
| Description:                                                                      | RF amplifier                                                                        |                           |                                                                   |
|                                                                                   | Uplink – CDMA – Lo Channel – 824.7 MHz                                              |                           |                                                                   |
|                                                                                   | Plots – Top = Input / Bottom = Output                                               |                           |                                                                   |

