

FIGURE 6: OCCUPIED BANDWIDTH

| | | | |
|---|---|---------------------------|---|
|  | 5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704 | Occupied Bandwidth | |
| DNB Job Number: | 58129 | Date: | 4 Jan 2006 |
| Customer: | Janizary Holdings Inc | | |
| Model Number: | CB-HP-800 | Serial Number: | Conformance Standards <input checked="" type="checkbox"/> IC RSS-131 <input checked="" type="checkbox"/> FCC Part 22 |
| Description: | RF amplifier | | |
| | Uplink – CDMA – Mid Channel – 836.5 MHz | | |
| | Plots – Top = Input / Bottom = Output | | |

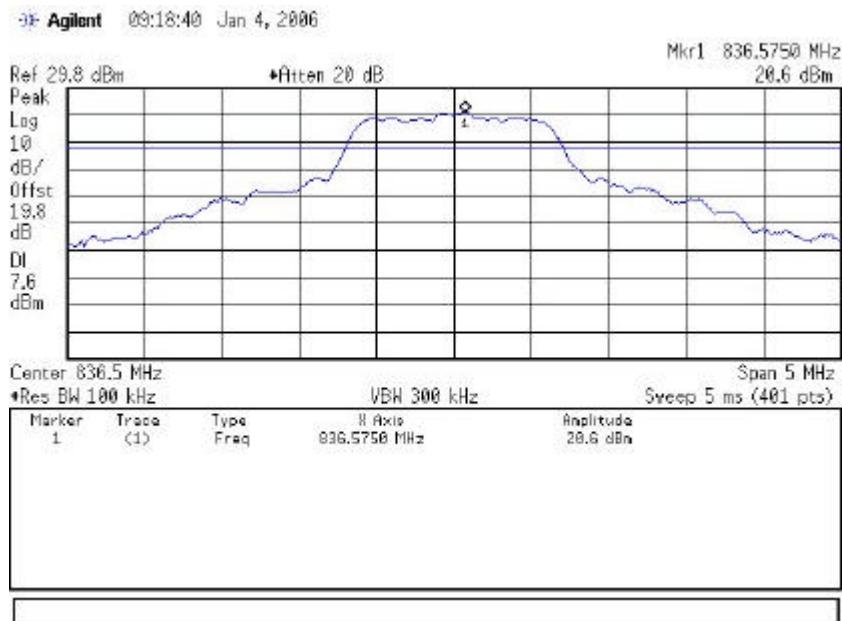
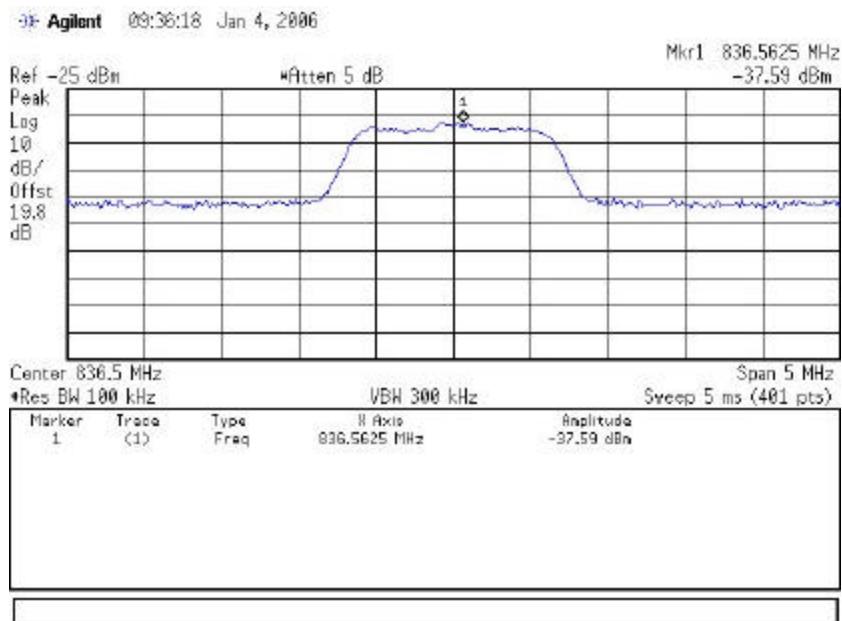


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| Model Number: | CB-HP-800 | Serial Number: | Conformance Standards <input checked="" type="checkbox"/> IC RSS-131 <input checked="" type="checkbox"/> FCC Part 22 |
| Description: | RF amplifier | | |
| | Uplink – CDMA – Hi Channel – 848.3 MHz | | |
| | Plots – Top = Input / Bottom = Output | | |

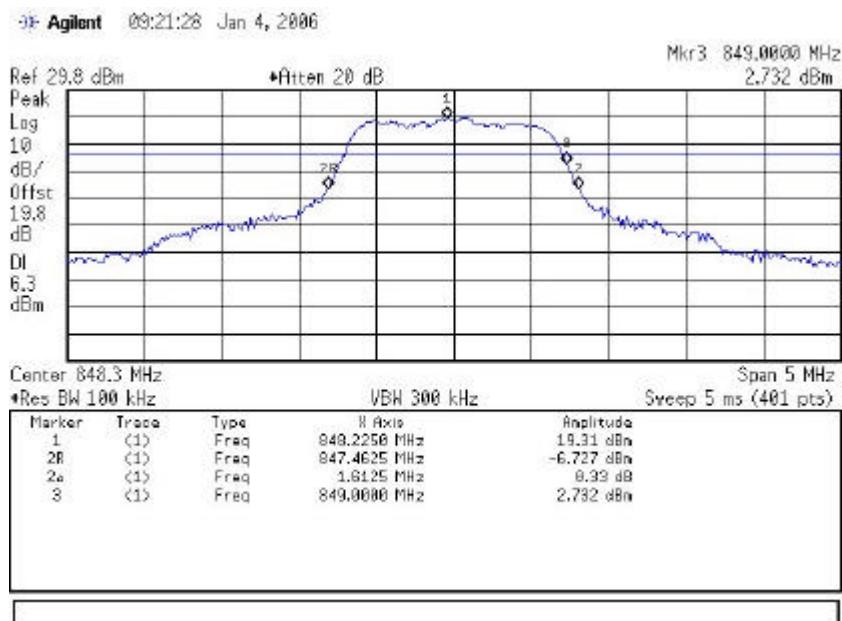
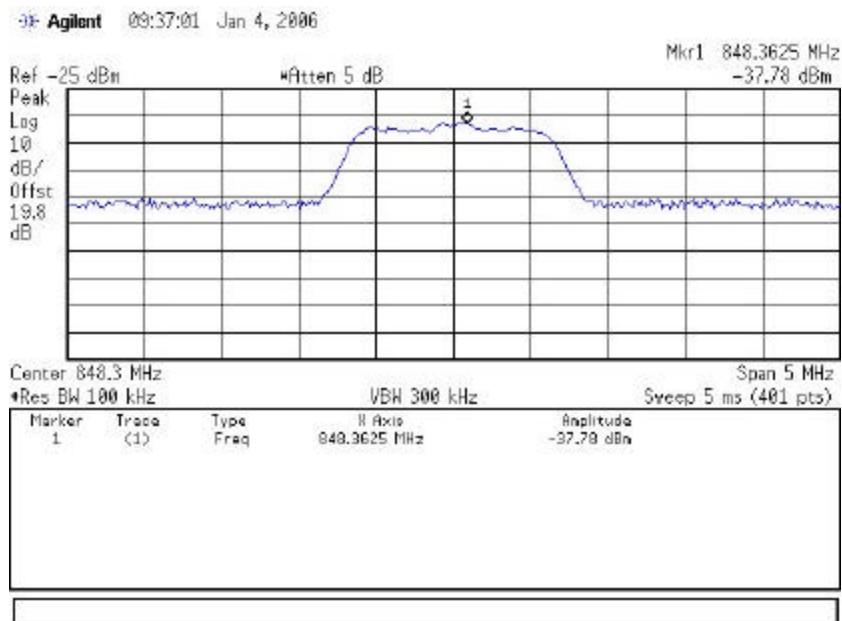


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| Customer: | Janizary Holdings Inc | | |
| Model Number: | CB-HP-800 | Serial Number: | Conformance Standards <input checked="" type="checkbox"/> IC RSS-131 <input checked="" type="checkbox"/> FCC Part 22 |
| Description: | RF amplifier | | |
| | Downlink – GSM – Lo Channel – 869.2 MHz | | |
| | Plots – Top = Input / Bottom = Output | | |

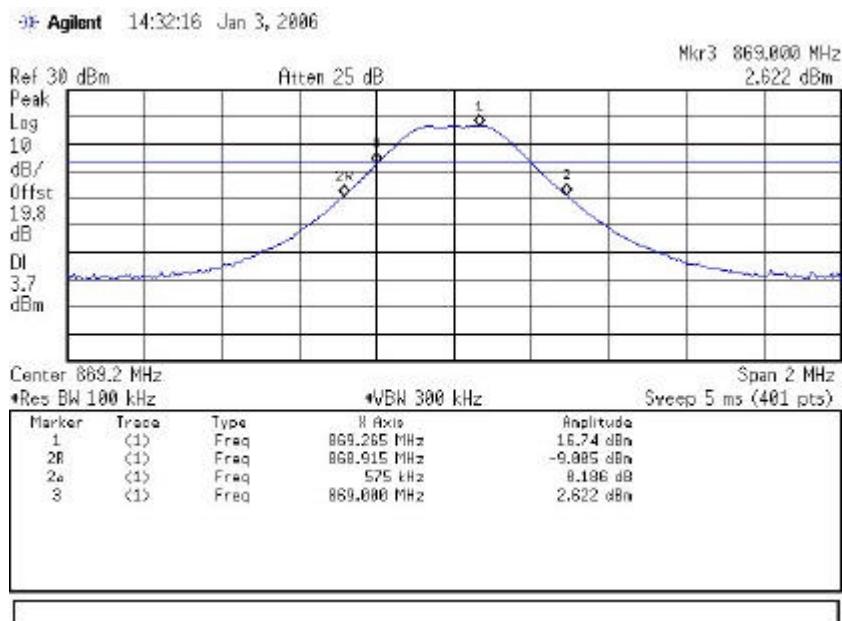
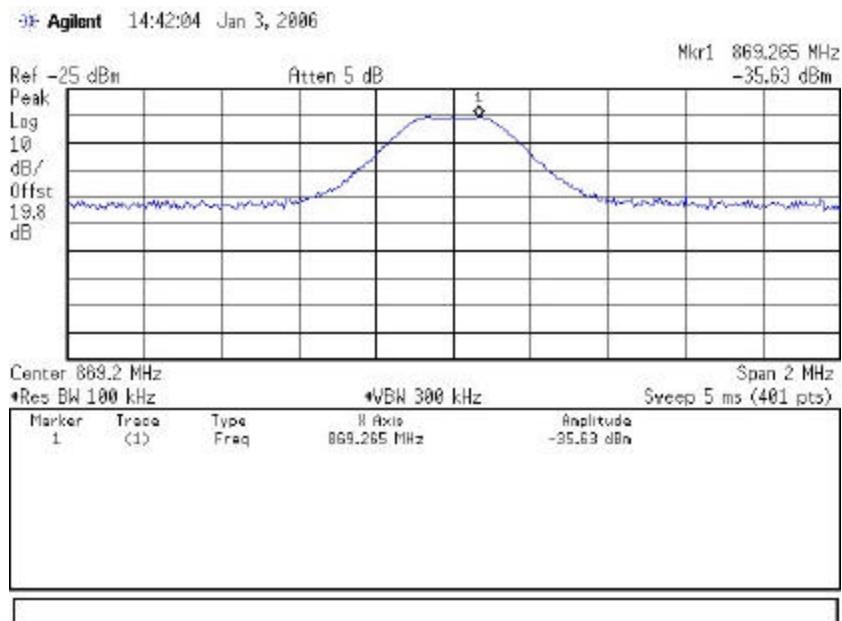


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| Model Number: | CB-HP-800 | Serial Number: | Conformance Standards <input checked="" type="checkbox"/> IC RSS-131 <input checked="" type="checkbox"/> FCC Part 22 |
| Description: | RF amplifier | | |
| | Downlink – GSM – Mid Channel – 881.5 MHz | | |
| | Plots – Top = Input / Bottom = Output | | |

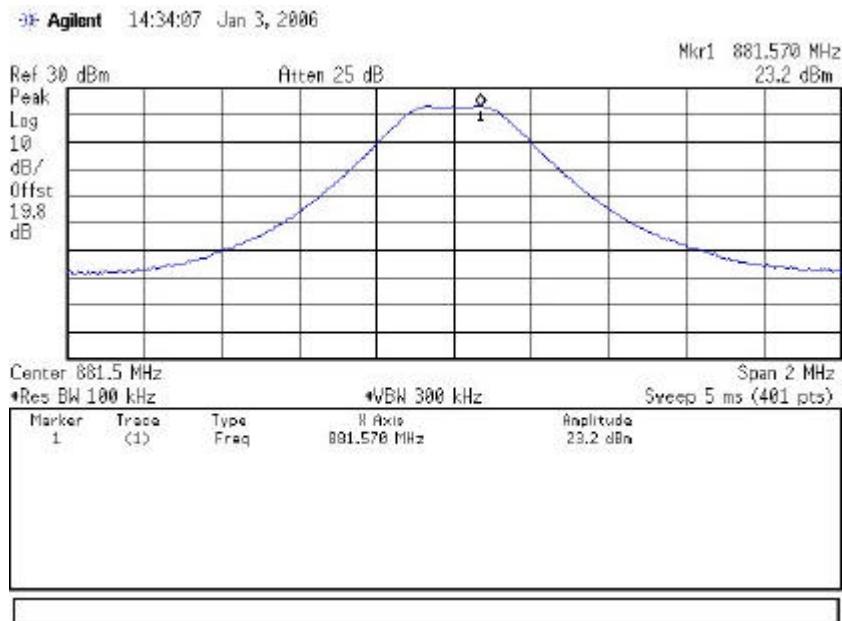
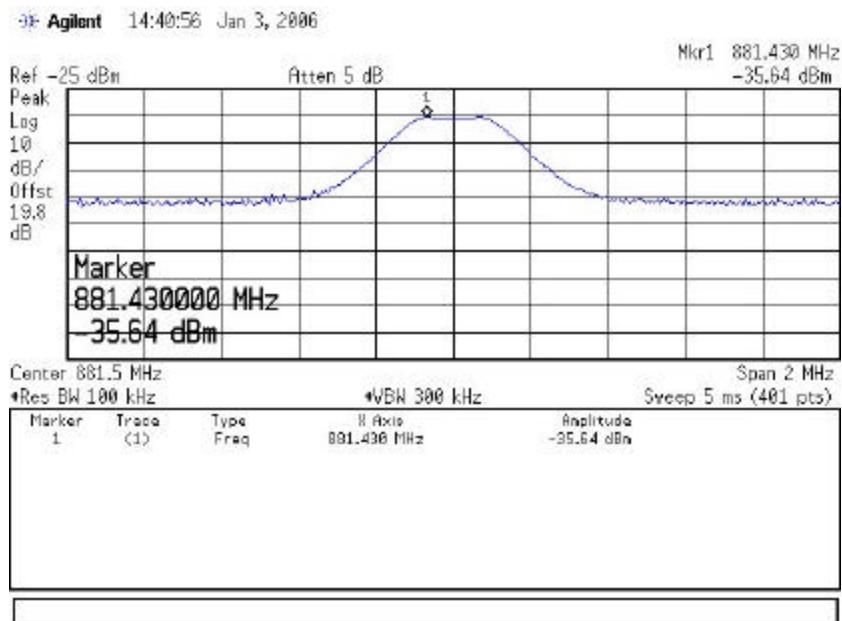


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| Customer: | Janizary Holdings Inc | | |
| Model Number: | CB-HP-800 | Serial Number: | Conformance Standards <input checked="" type="checkbox"/> IC RSS-131 <input checked="" type="checkbox"/> FCC Part 22 |
| Description: | RF amplifier | | |
| | Downlink – GSM – Hi Channel – 893.8 MHz | | |
| | Plots – Top = Input / Bottom = Output | | |

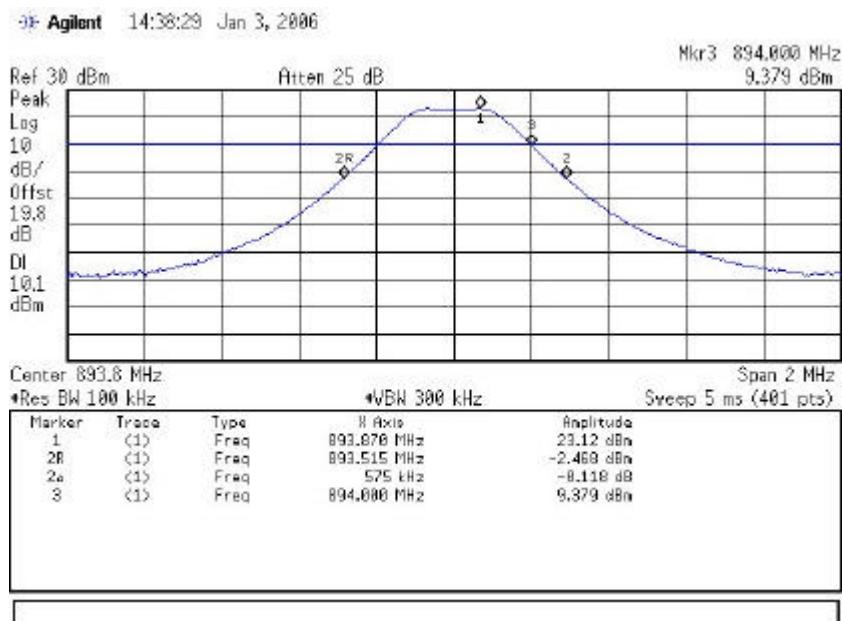
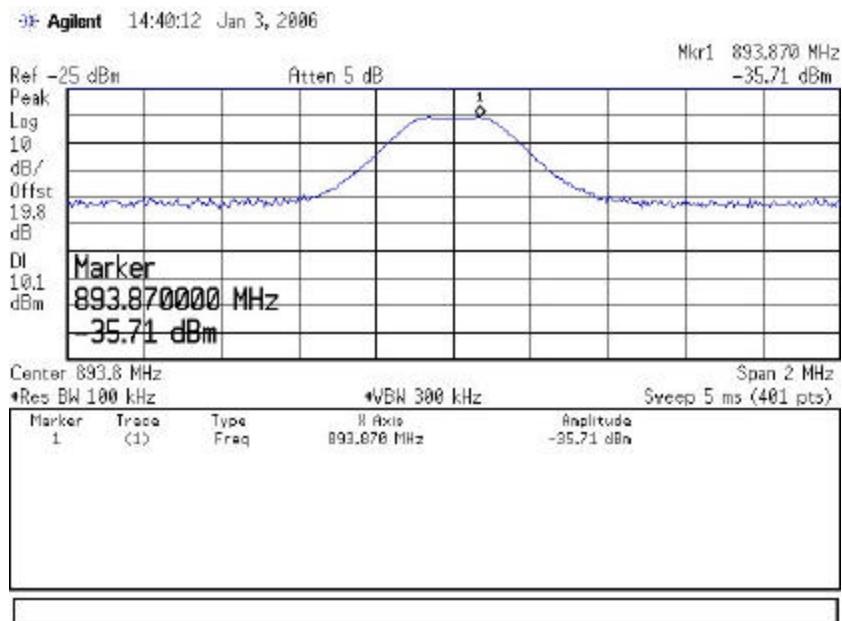


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| Customer: | Janizary Holdings Inc | | |
| Model Number: | CB-HP-800 | Serial Number: | Conformance Standards <input checked="" type="checkbox"/> IC RSS-131 <input checked="" type="checkbox"/> FCC Part 22 |
| Description: | RF amplifier | | |
| | Downlink – TDMA – Lo Channel – 869.2 MHz | | |
| | Plots – Top = Input / Bottom = Output | | |

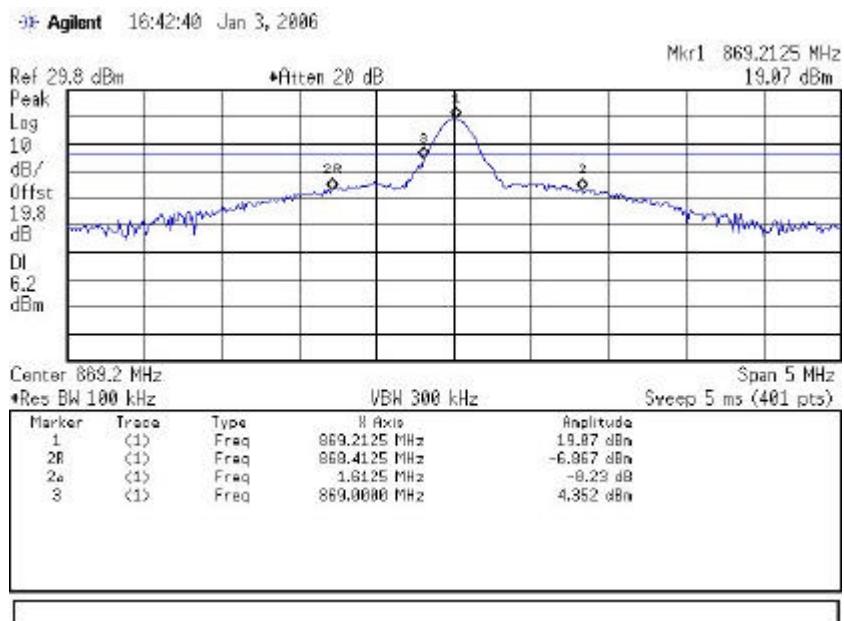
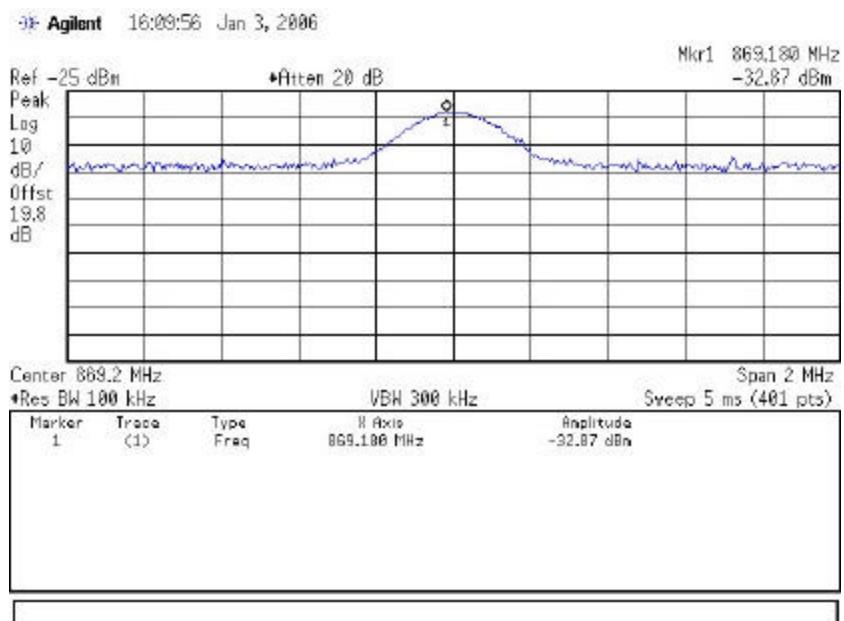


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| Customer: | Janizary Holdings Inc | | |
| Model Number: | CB-HP-800 | Serial Number: | Conformance Standards <input checked="" type="checkbox"/> IC RSS-131 <input checked="" type="checkbox"/> FCC Part 22 |
| Description: | RF amplifier | | |
| | Downlink – TDMA – Mid Channel – 881.5 MHz | | |
| | Plots – Top = Input / Bottom = Output | | |

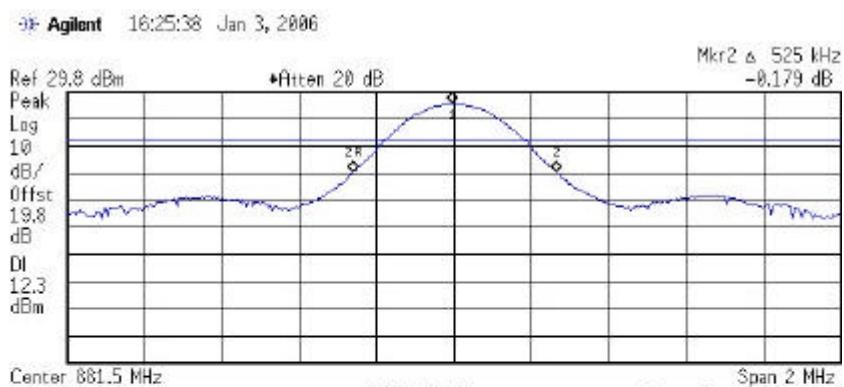
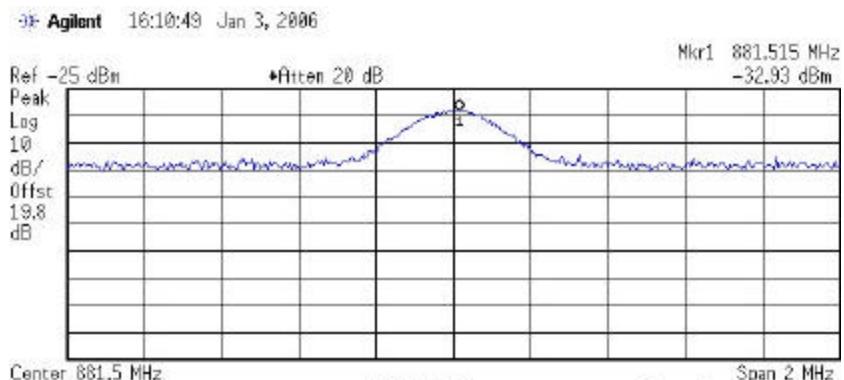


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| Customer: | Janizary Holdings Inc | | |
| Model Number: | CB-HP-800 | Serial Number: | Conformance Standards <input checked="" type="checkbox"/> IC RSS-131 <input checked="" type="checkbox"/> FCC Part 22 |
| Description: | RF amplifier | | |
| | Downlink – TDMA – Hi Channel – 893.8 MHz | | |
| | Plots – Top = Input / Bottom = Output | | |

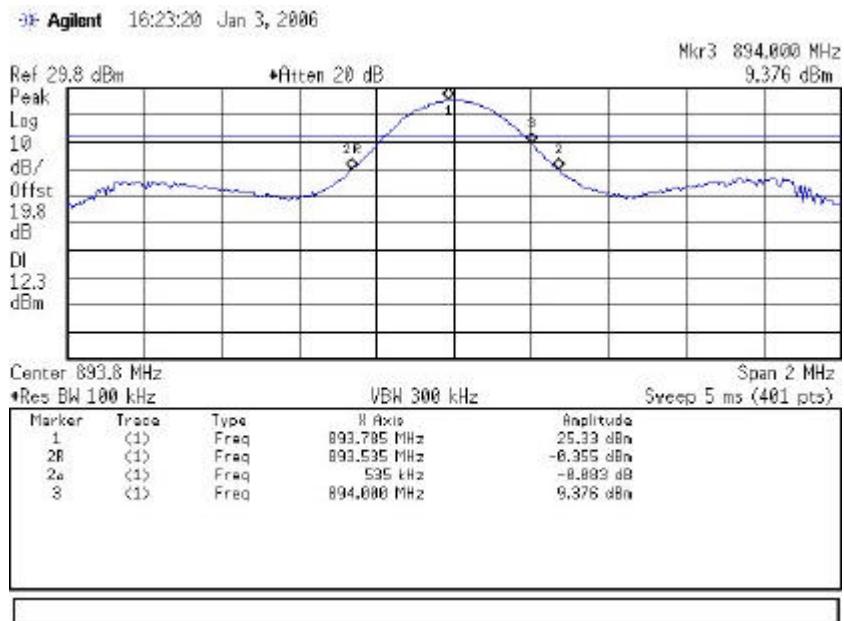
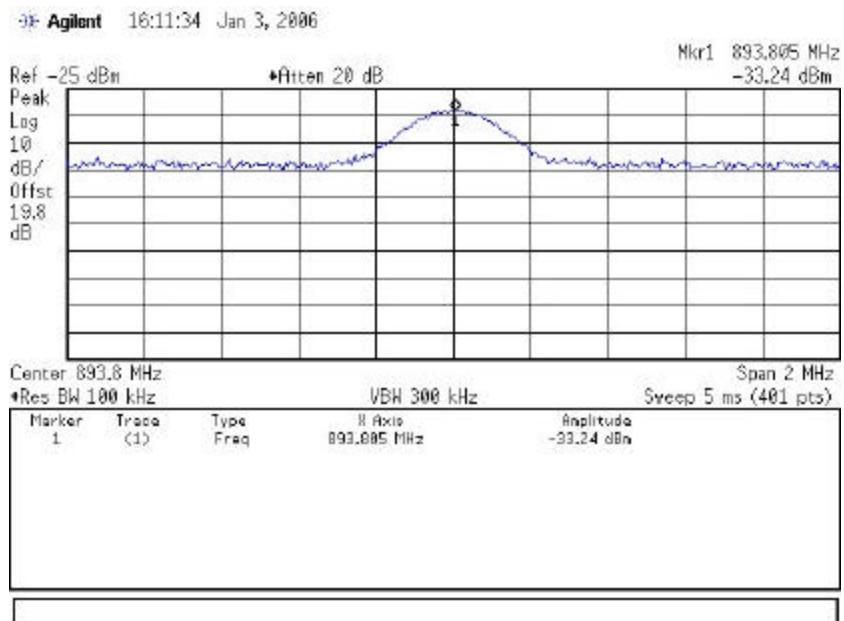


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|  | 5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704 | Occupied Bandwidth | |
| DNB Job Number: | 58129 | Date: | 4 Jan 2006 |
| Customer: | Janizary Holdings Inc | | |
| Model Number: | CB-HP-800 | Serial Number: | Conformance Standards <input checked="" type="checkbox"/> IC RSS-131 <input checked="" type="checkbox"/> FCC Part 22 |
| Description: | RF amplifier | | |
| | Downlink – CDMA – Lo Channel – 869.7 MHz | | |
| | Plots – Top = Input / Bottom = Output | | |

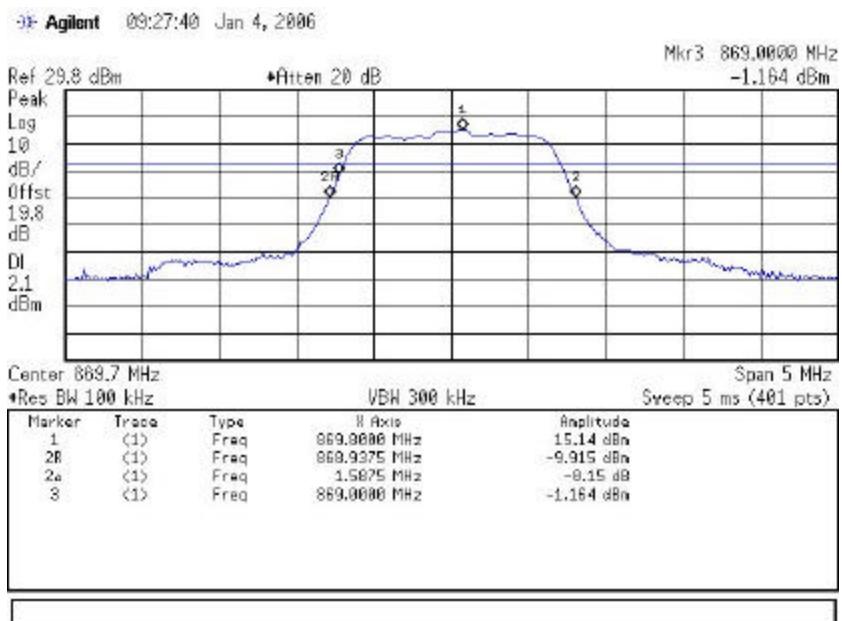
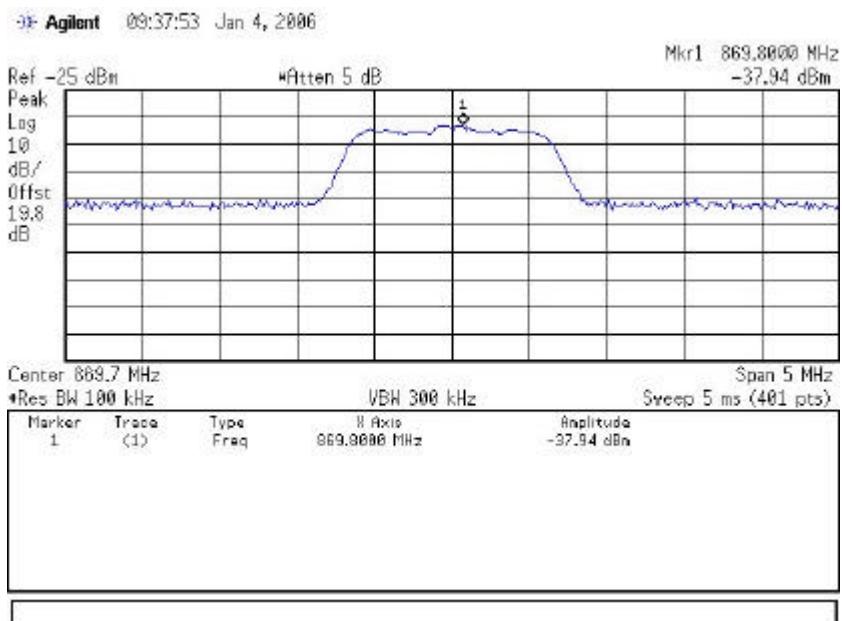


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| DNB Job Number: | 58129 | Date: | 4 Jan 2006 |
| Customer: | Janizary Holdings Inc | | |
| Model Number: | CB-HP-800 | Serial Number: | Conformance Standards <input checked="" type="checkbox"/> IC RSS-131 <input checked="" type="checkbox"/> FCC Part 22 |
| Description: | RF amplifier | | |
| | Downlink – CDMA – Mid Channel – 881.5 MHz | | |
| | Plots – Top = Input / Bottom = Output | | |

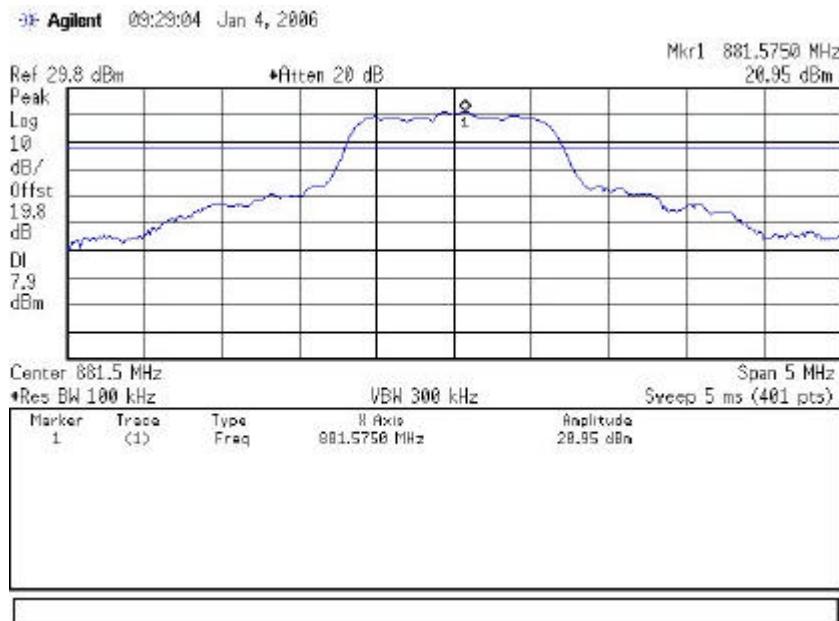
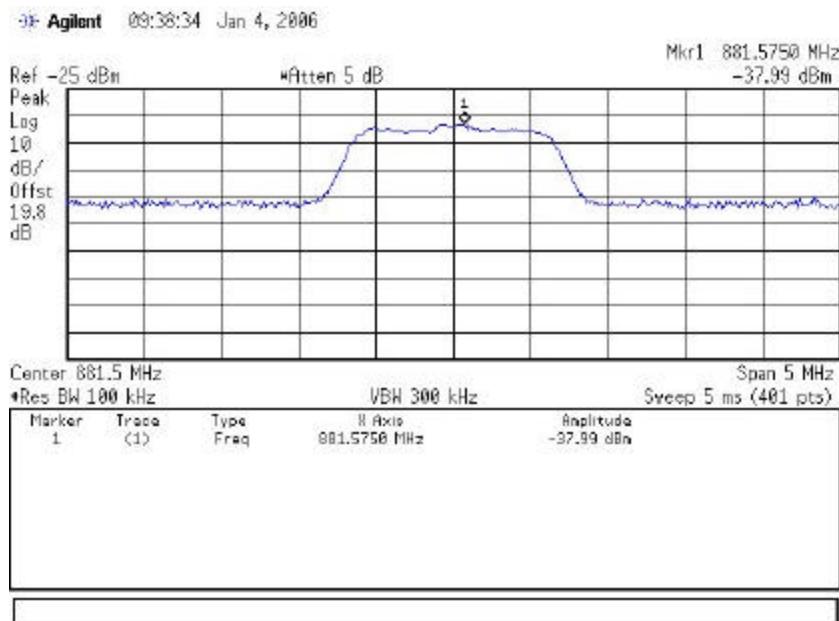


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|  | 5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704 | Occupied Bandwidth | |
| DNB Job Number: | 58129 | Date: | 4 Jan 2006 |
| Customer: | Janizary Holdings Inc | | |
| Model Number: | CB-HP-800 | Serial Number: | |
| Description: | RF amplifier Downlink – CDMA – Hi Channel – 893.3 MHz Plots – Top = Input / Bottom = Output | Conformance Standards [X] IC RSS-131 [X] FCC Part 22 | |

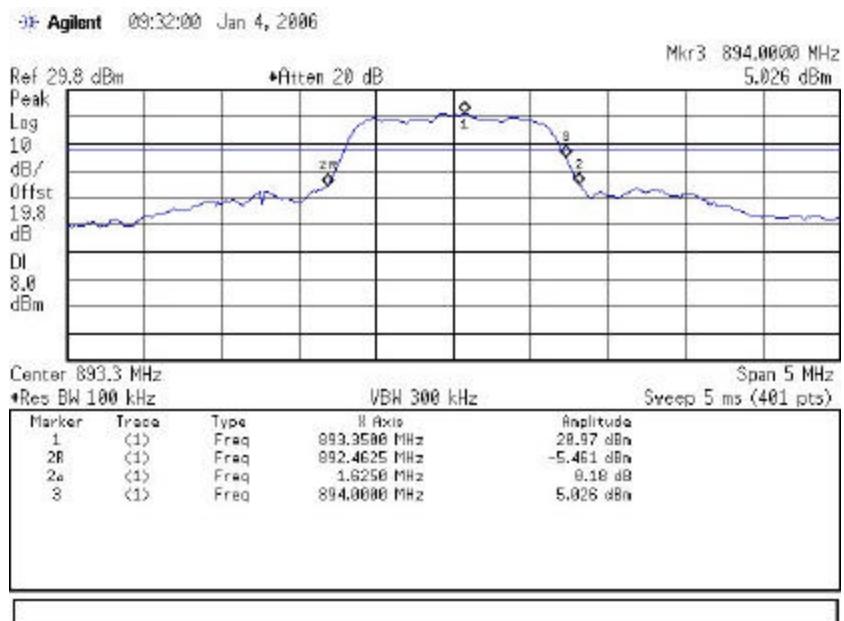
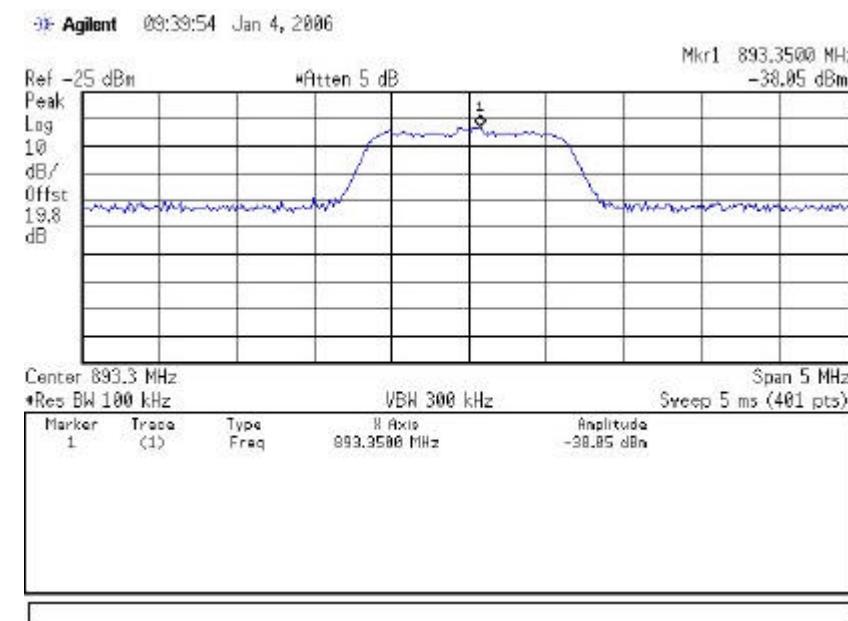


FIGURE 6: OCCUPIED BANDWIDTH

| | | | |
|---|---|-------------------------|---|
|  | 5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704 | Inter-Modulation | |
| DNB Job Number: | 58129 | Date: | 3 Jan 2006 |
| Customer: | Janizary Holdings Inc | | |
| Model Number: | CB-HP-800 | Serial Number: | Conformance Standards <input checked="" type="checkbox"/> IC RSS-131 <input checked="" type="checkbox"/> FCC Part 22 |
| Description: | RF amplifier | | |
| | Uplink – CW – Input – Lo / Near Lo / Hi channels | | |
| | Plots: Top = Allowable Band / Bottom = 100MHz span | | |

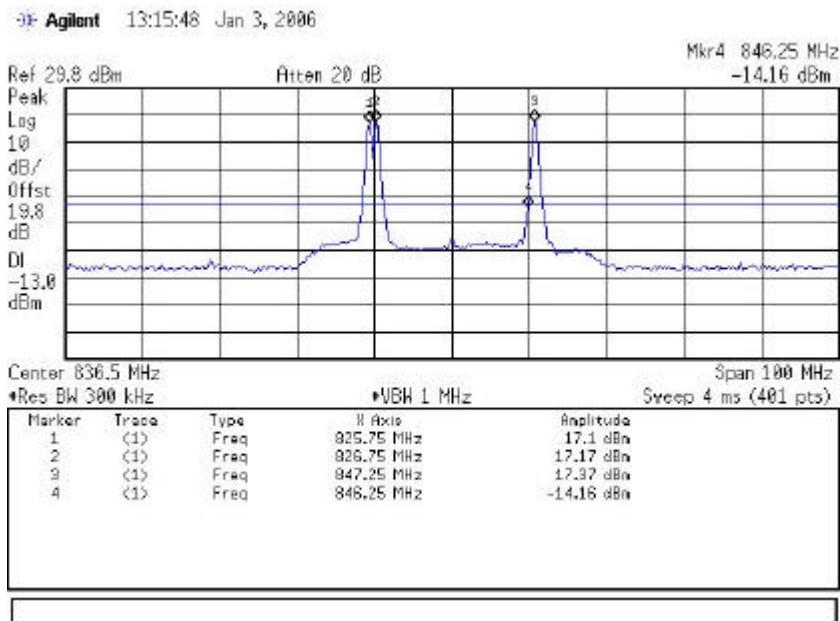
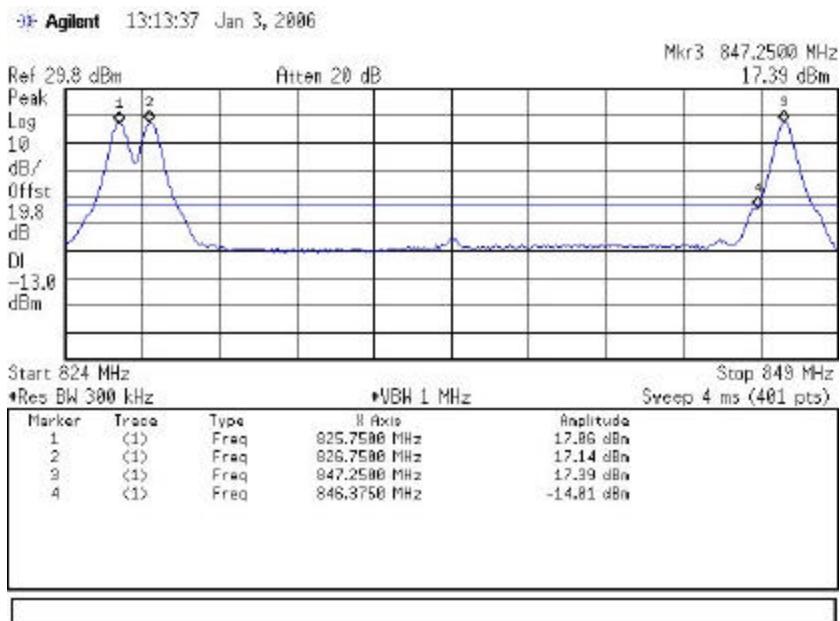
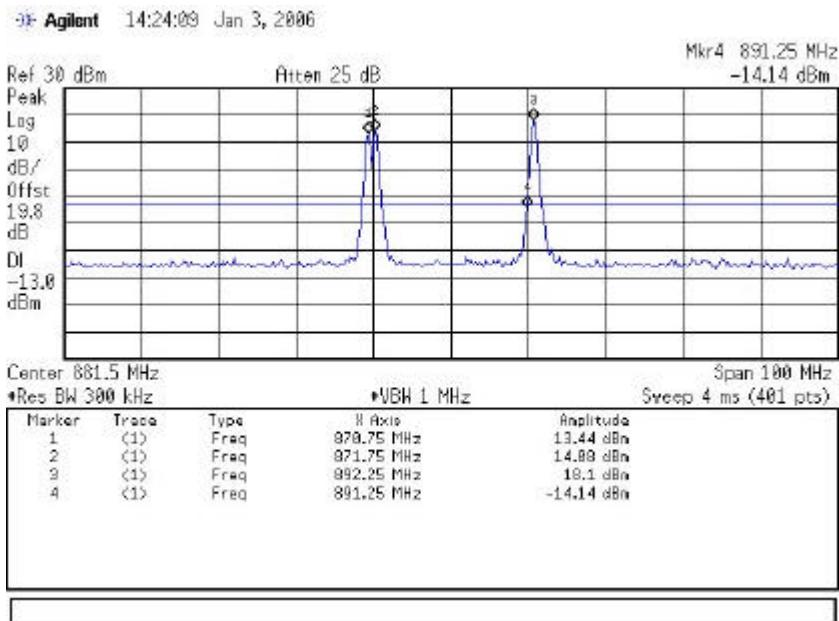
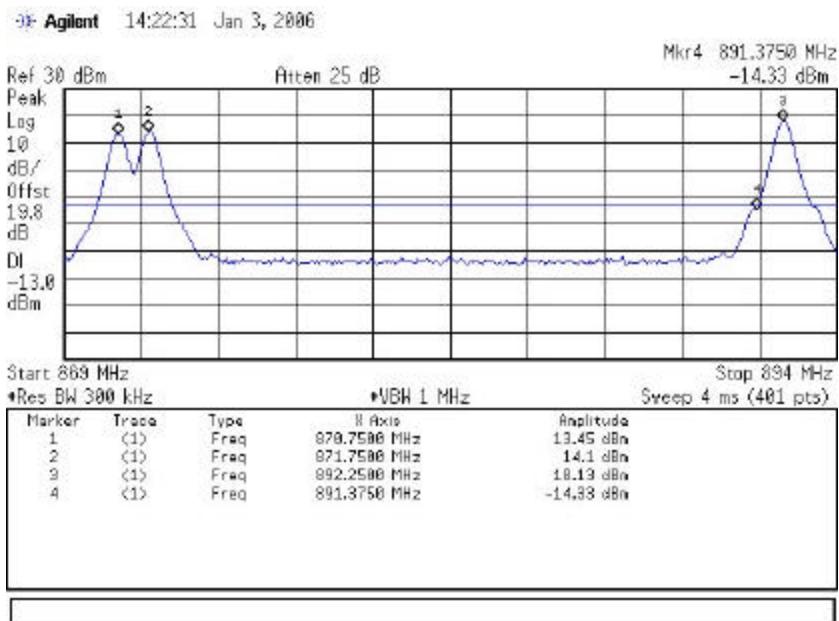


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|  | 5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704 | Inter-Modulation | |
| DNB Job Number: | 58129 | Date: | 3 Jan 2006 |
| Customer: | Janizary Holdings Inc | | |
| Model Number: | CB-HP-800 | Serial Number: | Conformance Standards <input checked="" type="checkbox"/> IC RSS-131 <input checked="" type="checkbox"/> FCC Part 22 |
| Description: | RF amplifier | | |
| | Uplink – CW – Input – Lo / Near Lo / Hi channels | | |
| | Plots: Top = Allowable Band / Bottom = 100MHz span | | |



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

Definition:

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

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

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

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

Connect the equipment as shown in FIGURE 1.

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

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

Test Results: See Plots

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

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

| | | | |
|---|---|-----------------------------------|---|
|  | 5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704 | Antenna Conducted Spurious | |
| DNB Job Number: | 58129 | Date: | 8 Apr 2005 |
| Customer: | Janizary Holdings Inc | | |
| Model Number: | CB-HP-800 | Serial Number: | Conformance Standards <input checked="" type="checkbox"/> IC RSS-131 <input checked="" type="checkbox"/> FCC Part 22 |
| Description: | RF amplifier Uplink – GSM – Lo Channel – 824.2 MHz | | |

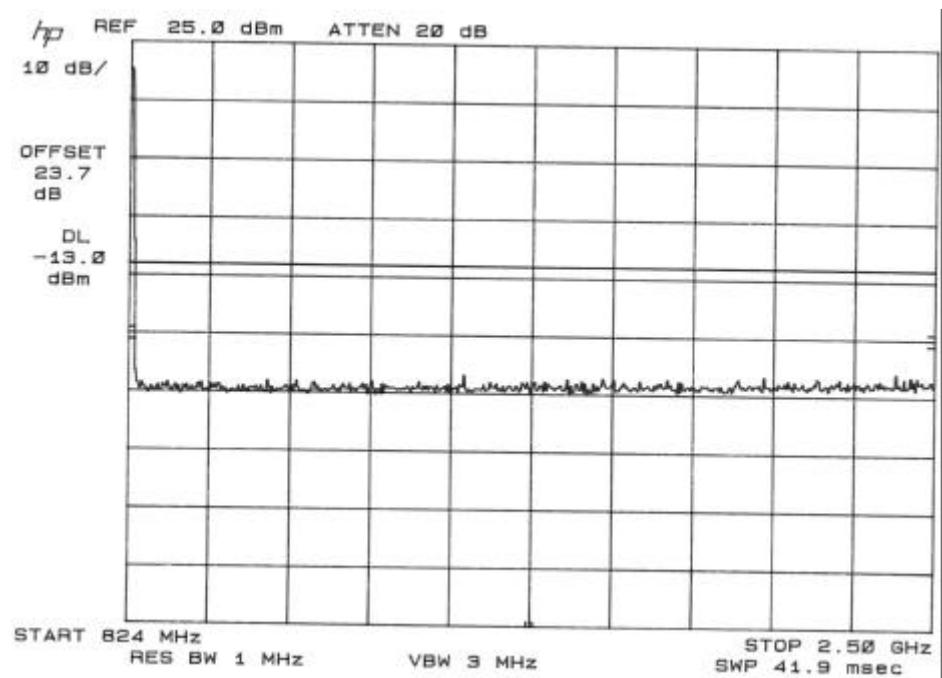
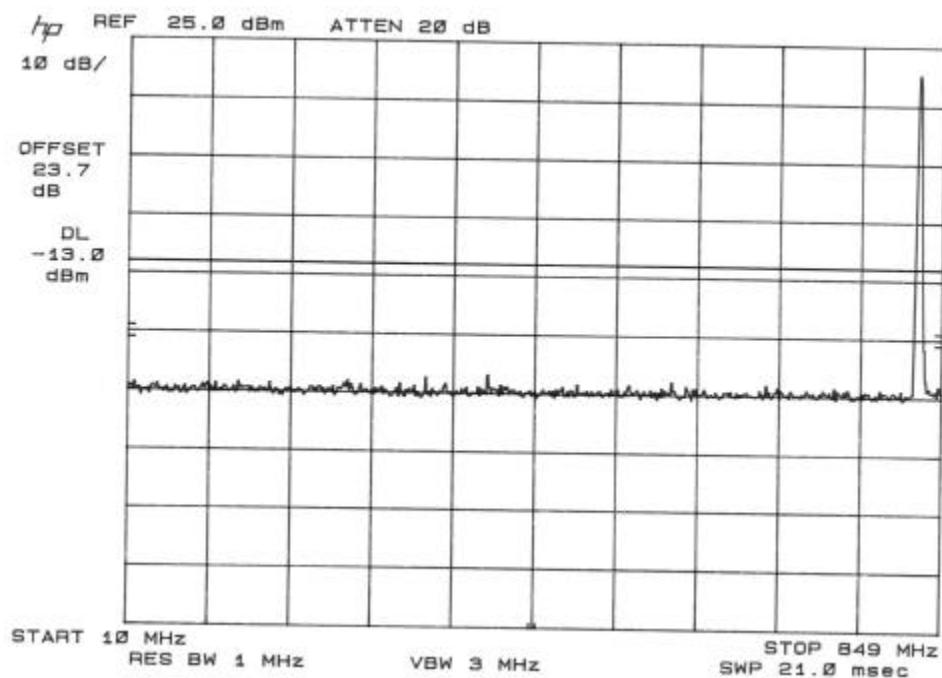


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|  | 5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704 | Antenna Conducted Spurious | |
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| Model Number: | CB-HP-800 | | [X] IC RSS-131 |
| Description: | RF amplifier Uplink – GSM – Lo Channel – 824.2 MHz | | [X] FCC Part 22 |

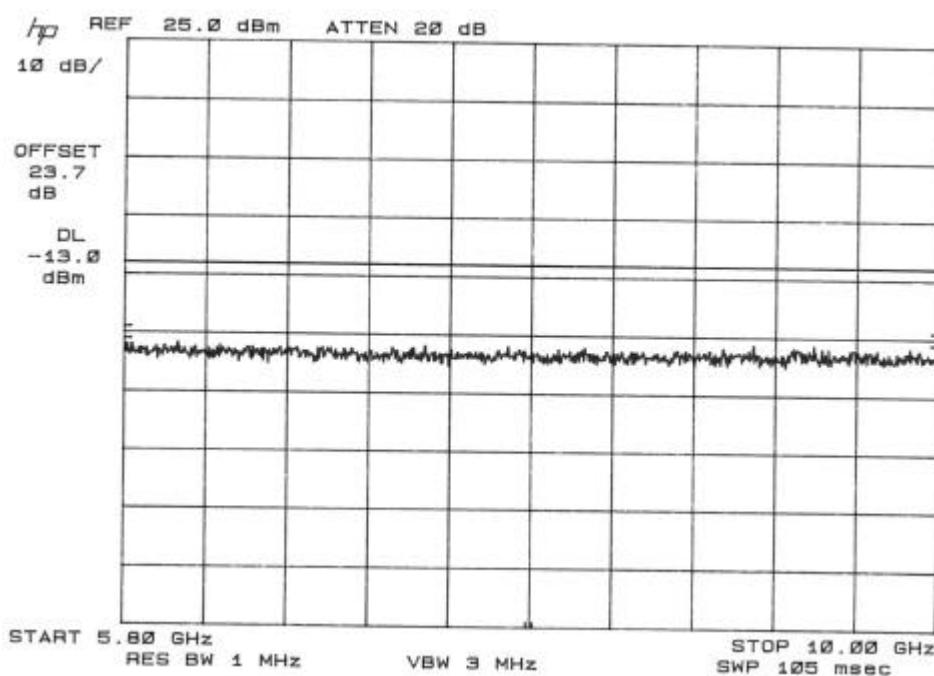
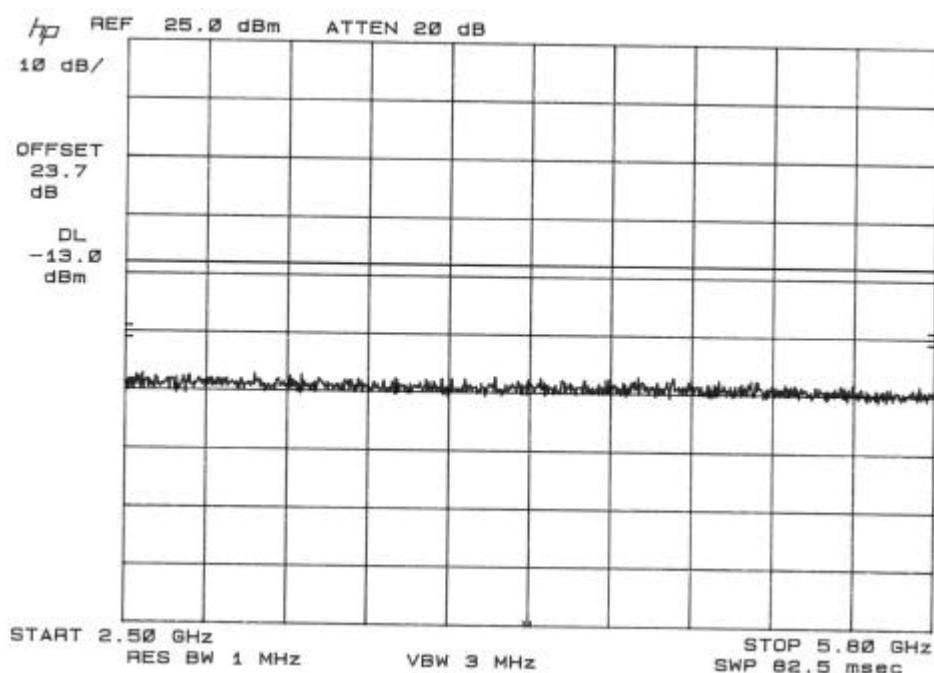


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| Description: | RF amplifier Uplink – GSM – Mid Channel – 836.5 MHz | | |

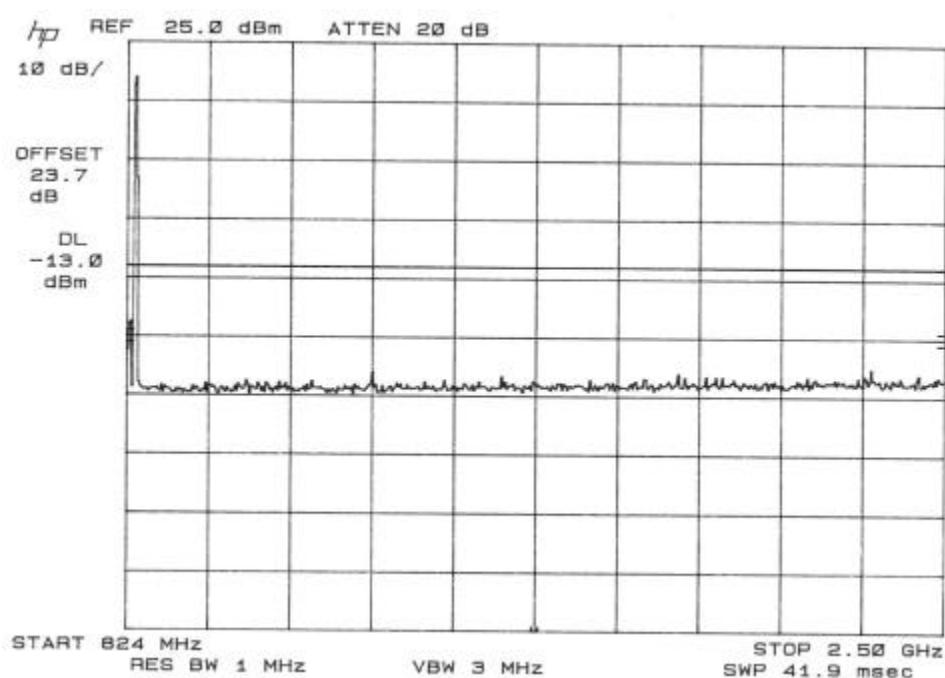
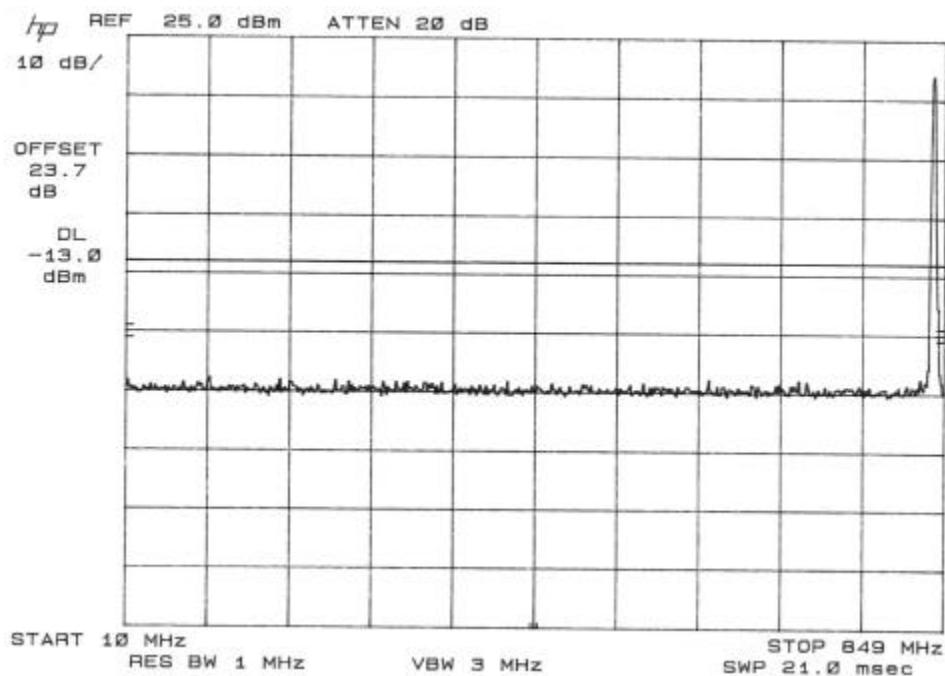


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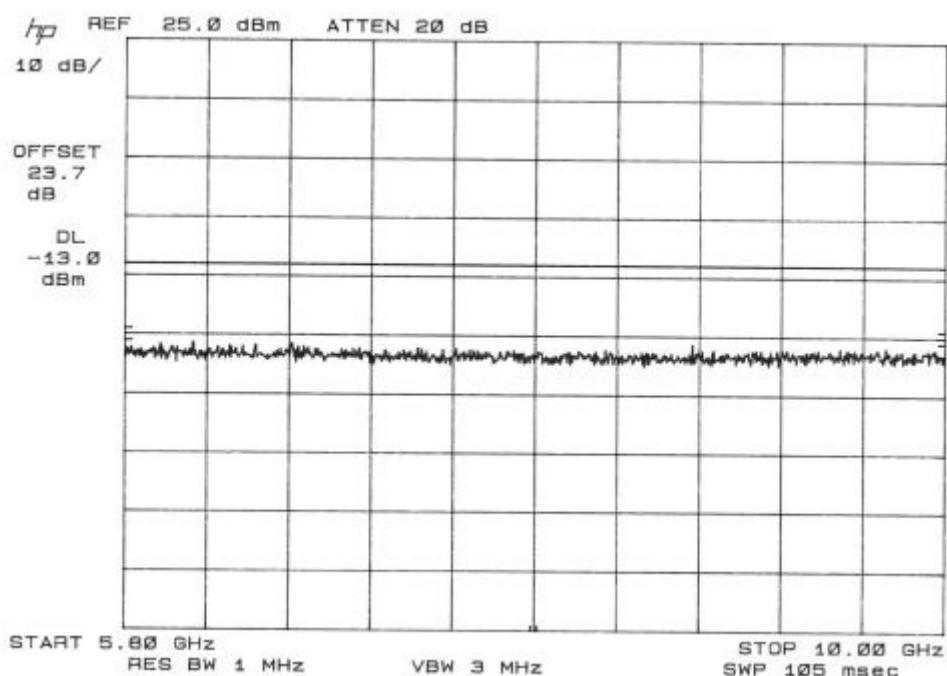
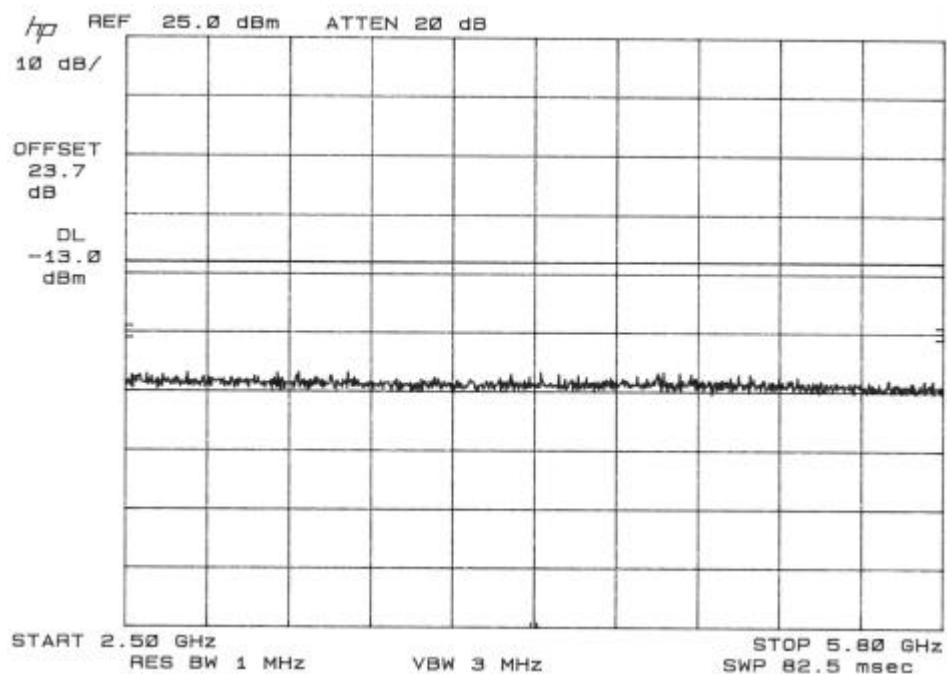


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| Description: | RF amplifier | | |
| | Uplink – GSM – Hi Channel – 848.8 MHz | | |

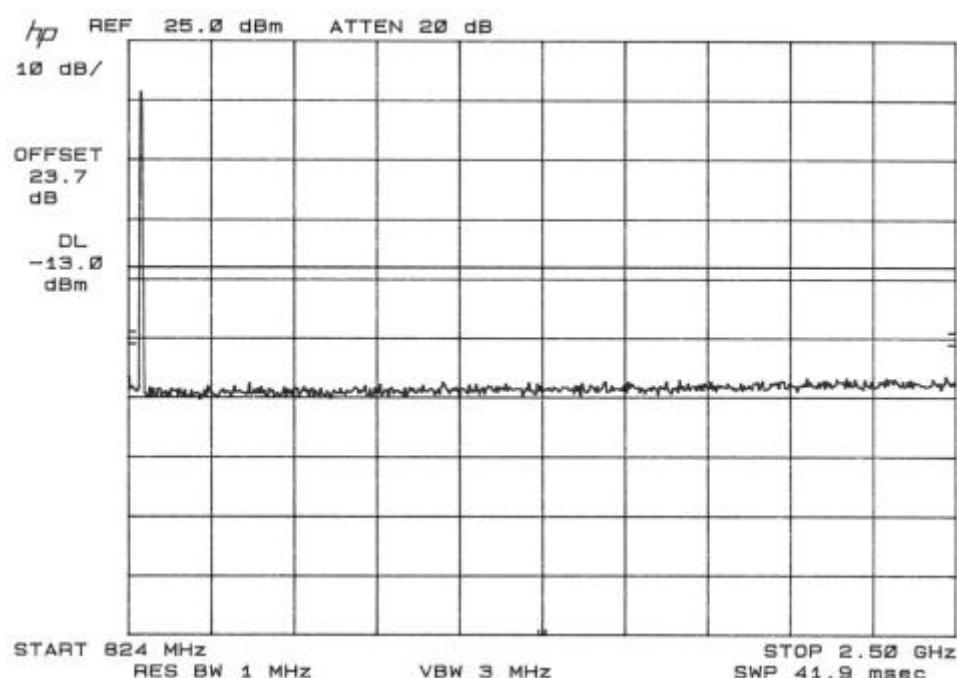
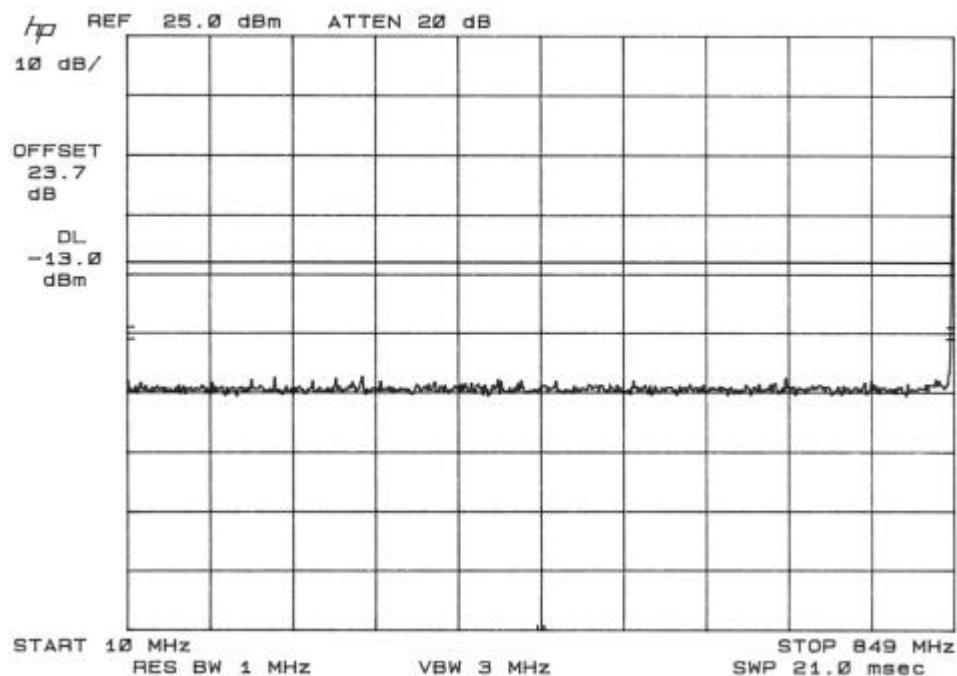


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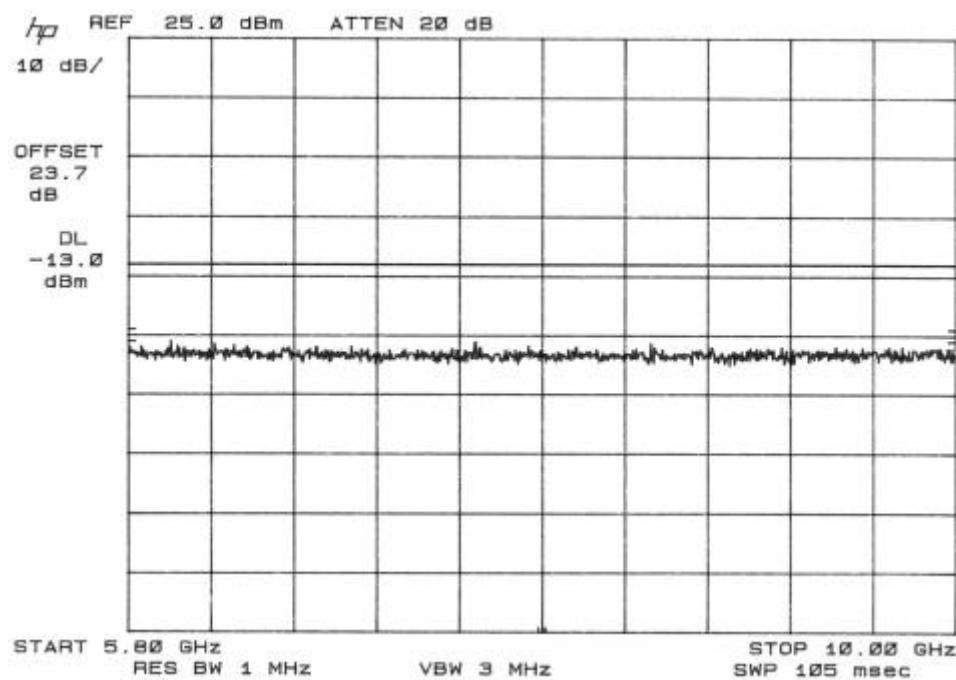
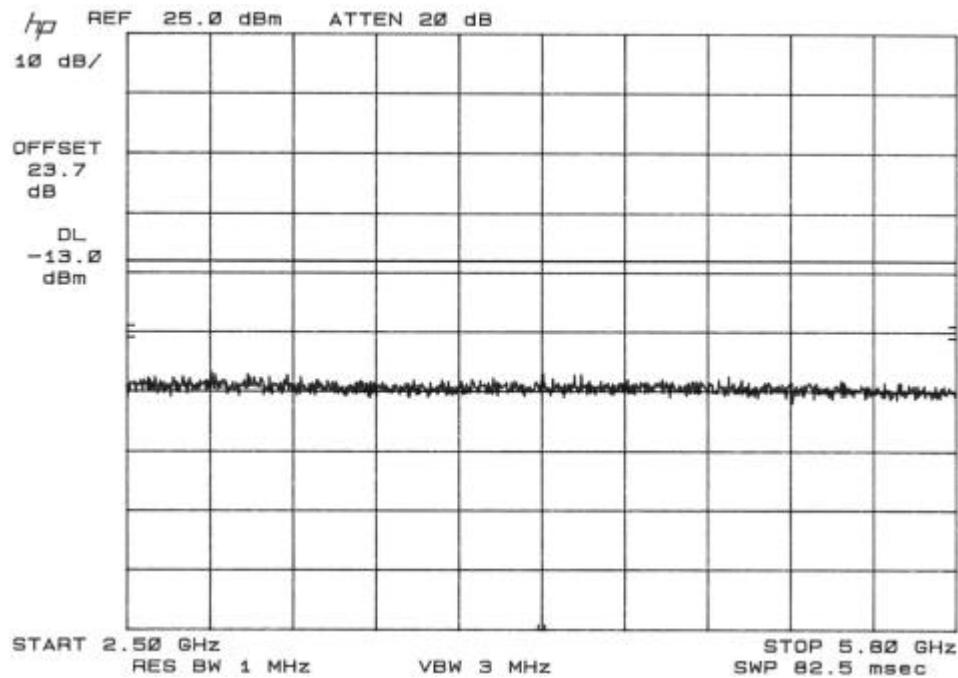


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| Description: | RF amplifier | | |
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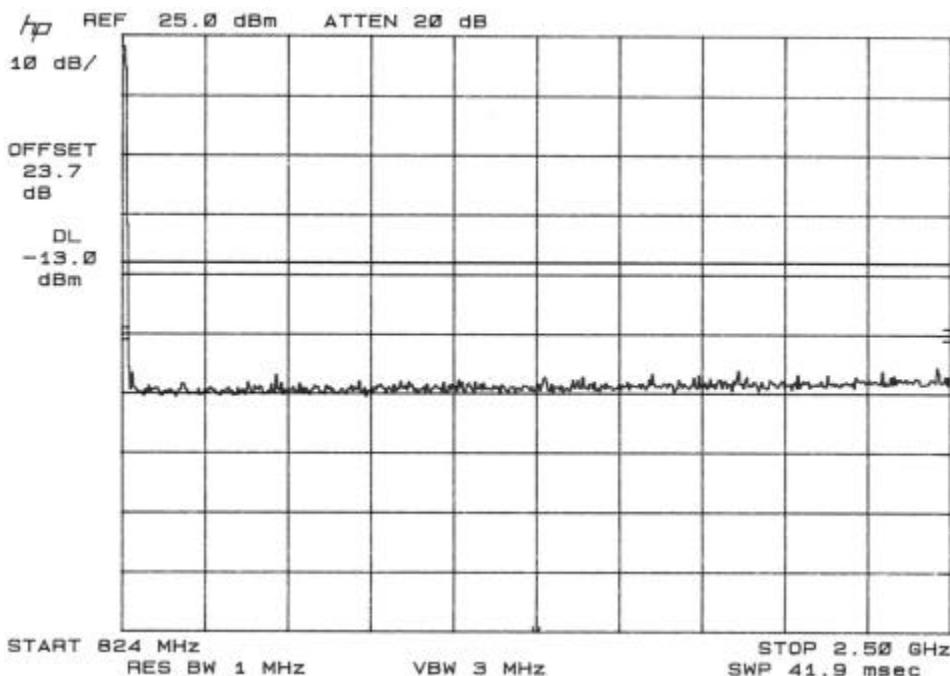
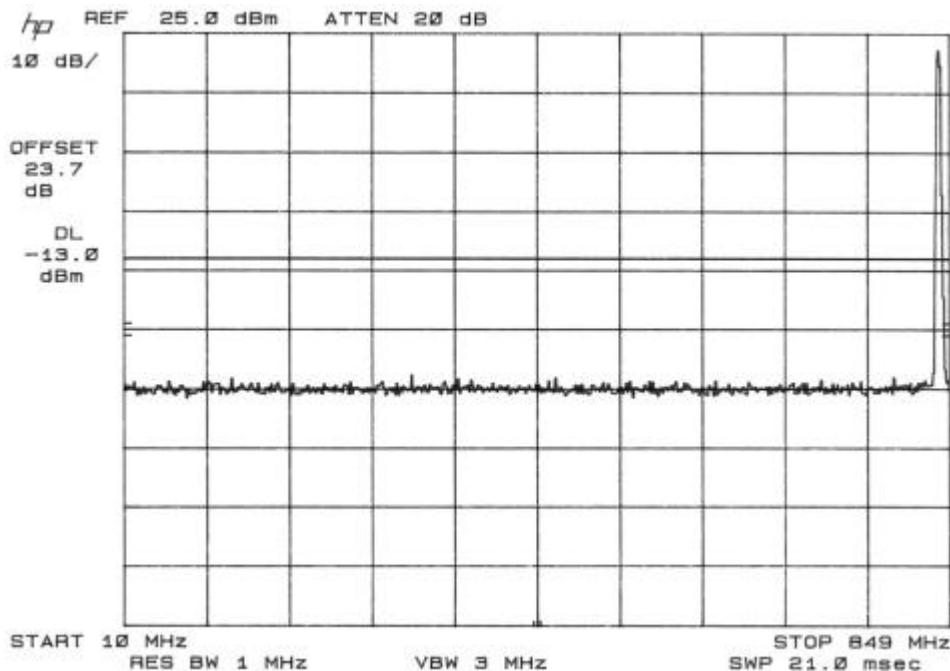


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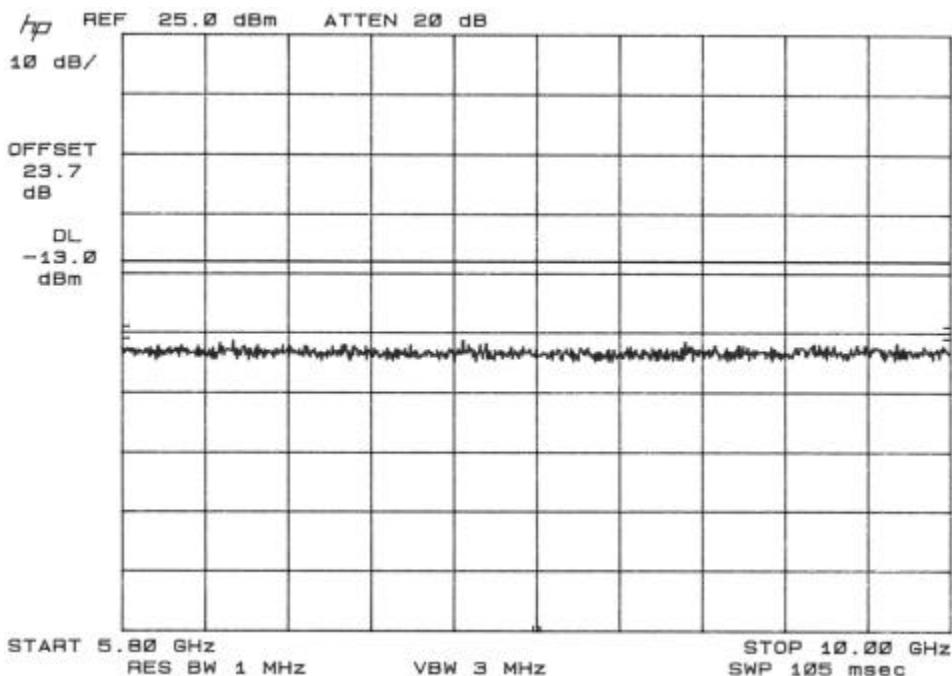
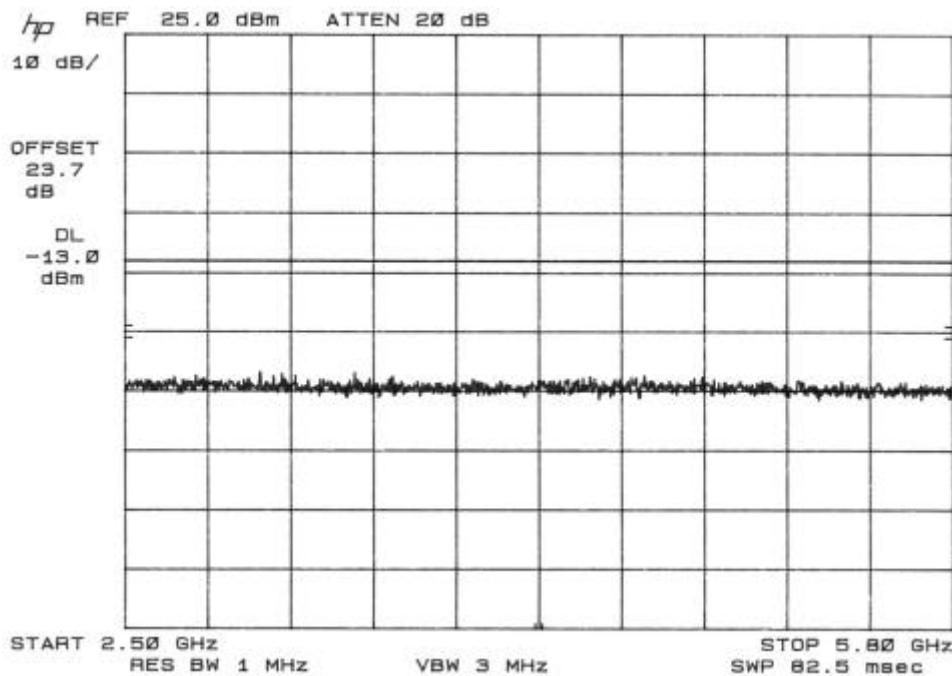


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| Description: | RF amplifier Uplink – TDMA – Mid Channel – 836.5 MHz | | |

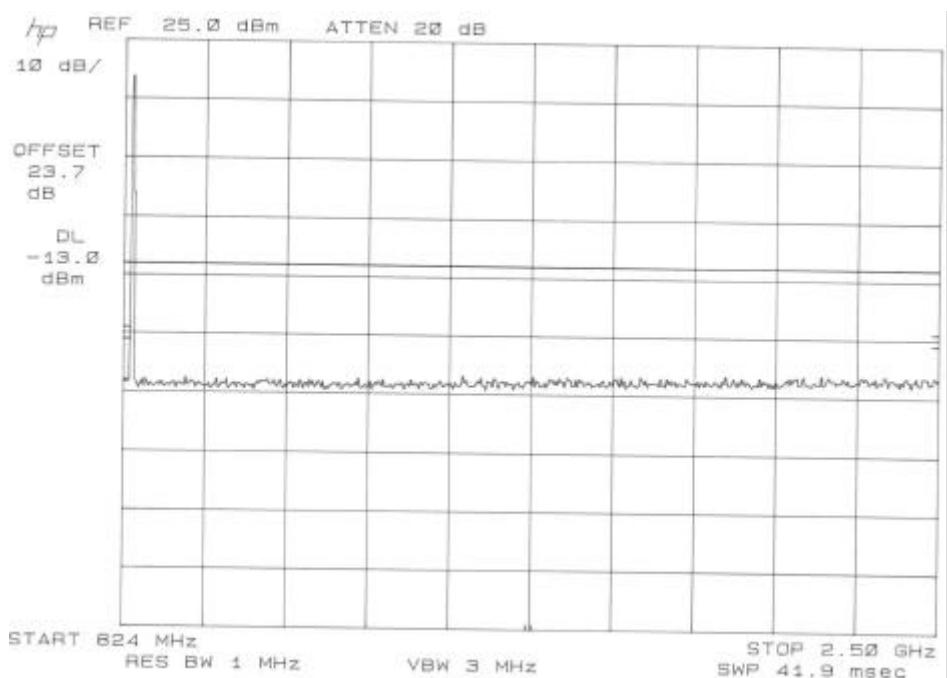
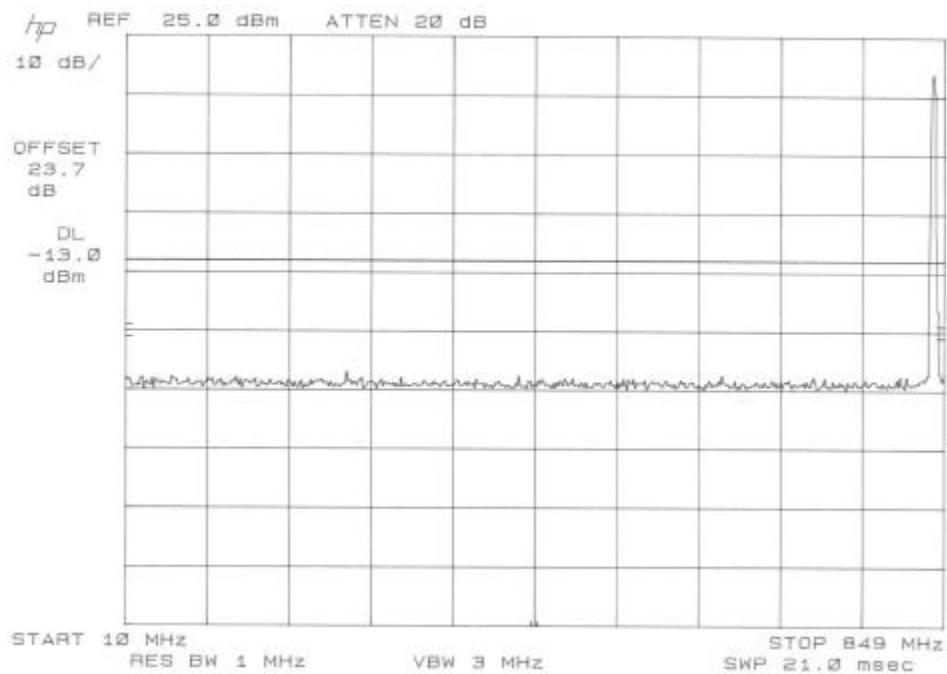


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|---|---|-----------------------------------|---|
|  | 5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704 | Antenna Conducted Spurious | |
| DNB Job Number: | 58129 | Date: | 8 Apr 2005 |
| Customer: | Janizary Holdings Inc | | |
| Model Number: | CB-HP-800 | Serial Number: | Conformance Standards <input checked="" type="checkbox"/> IC RSS-131 <input checked="" type="checkbox"/> FCC Part 22 |
| Description: | RF amplifier | | |
| | Uplink – TDMA – Mid Channel – 836.5 MHz | | |

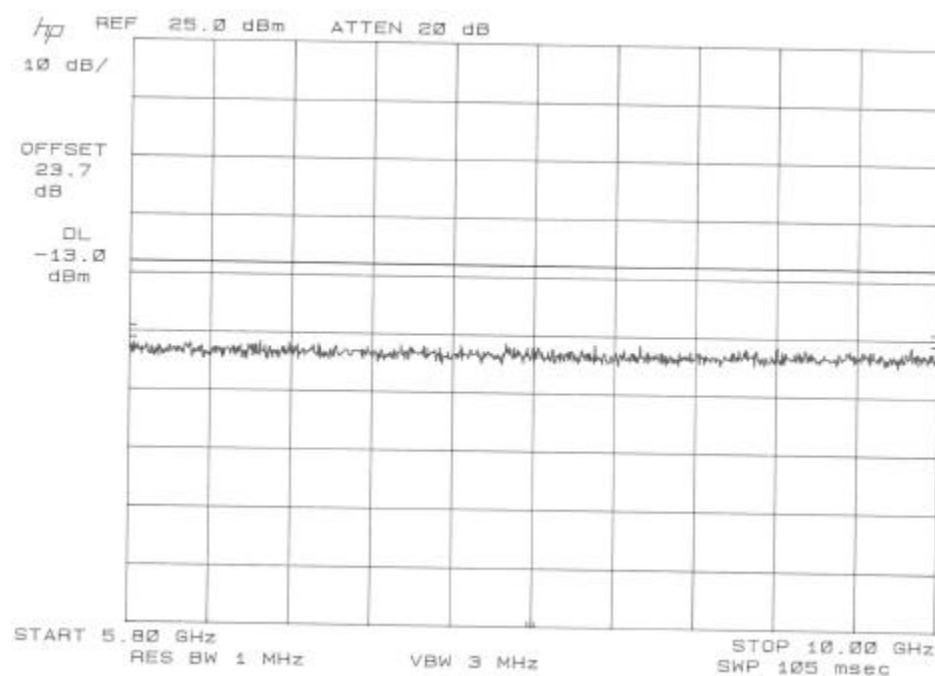
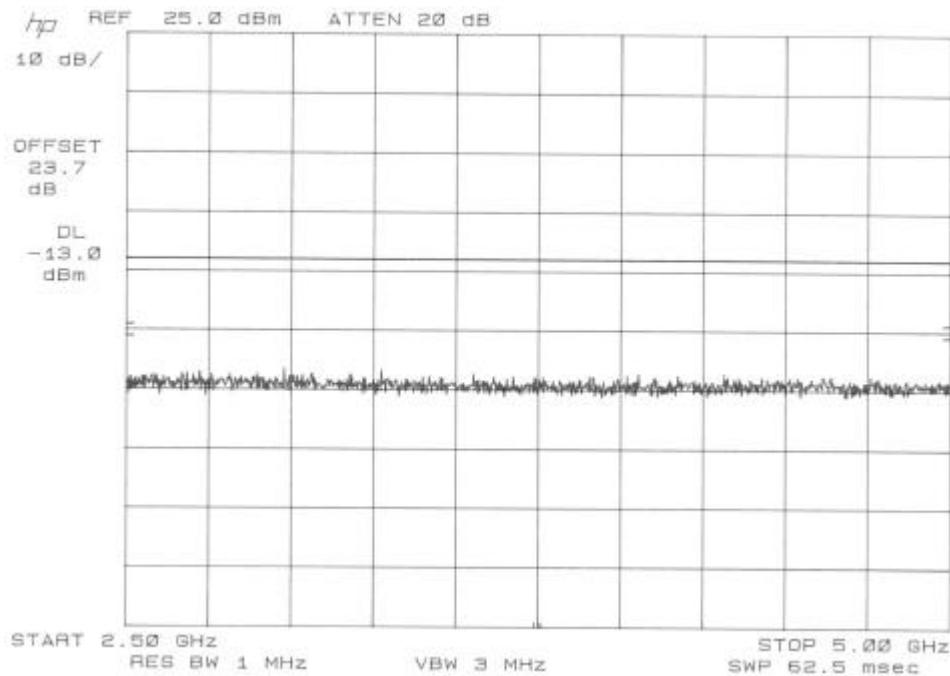


Figure 7: Conducted Spurious Emissions at Antenna Terminals, Uplink.

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|---|---|-----------------------------------|--|
|  | 5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704 | Antenna Conducted Spurious | |
| DNB Job Number: | 58129 | Date: | 8 Apr 2005 |
| Customer: | Janizary Holdings Inc | | |
| Model Number: | CB-HP-800 | Serial Number: | Conformance Standards [X] IC RSS-131 [X] FCC Part 22 |
| Description: | RF amplifier | | |
| | Uplink – TDMA – Hi Channel – 848.8 MHz | | |

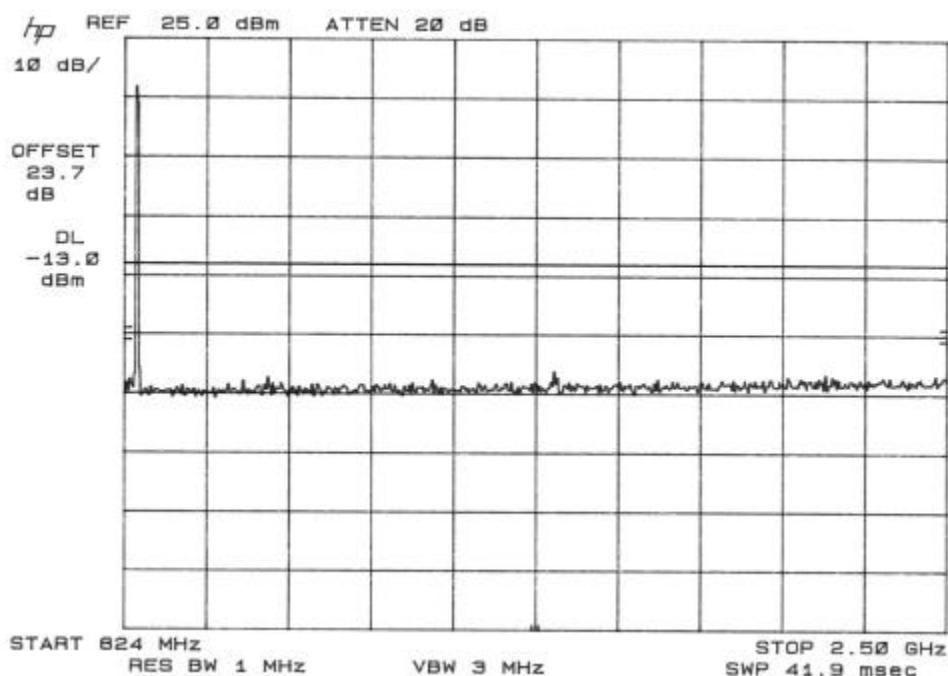
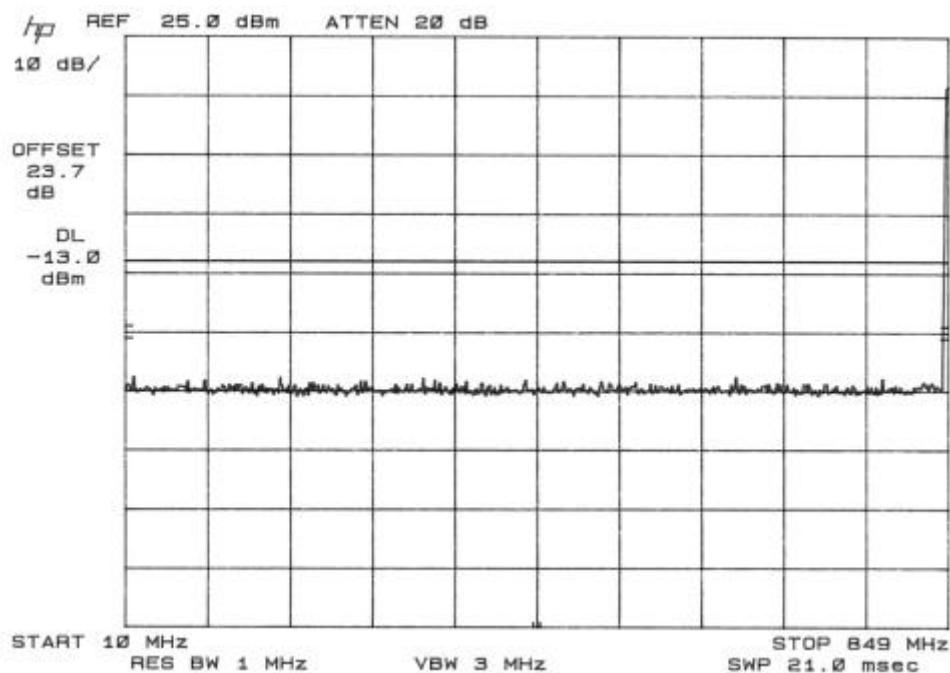


Figure 7: Conducted Spurious Emissions at Antenna Terminals, Uplink.

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|---|---|-----------------------------------|--|
|  | 5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704 | Antenna Conducted Spurious | |
| DNB Job Number: | 58129 | Date: | 8 Apr 2005 |
| Customer: | Janizary Holdings Inc | | |
| Model Number: | CB-HP-800 | Serial Number: | Conformance Standards [X] IC RSS-131 [X] FCC Part 22 |
| Description: | RF amplifier | | |
| | Uplink – TDMA – Hi Channel – 848.8 MHz | | |

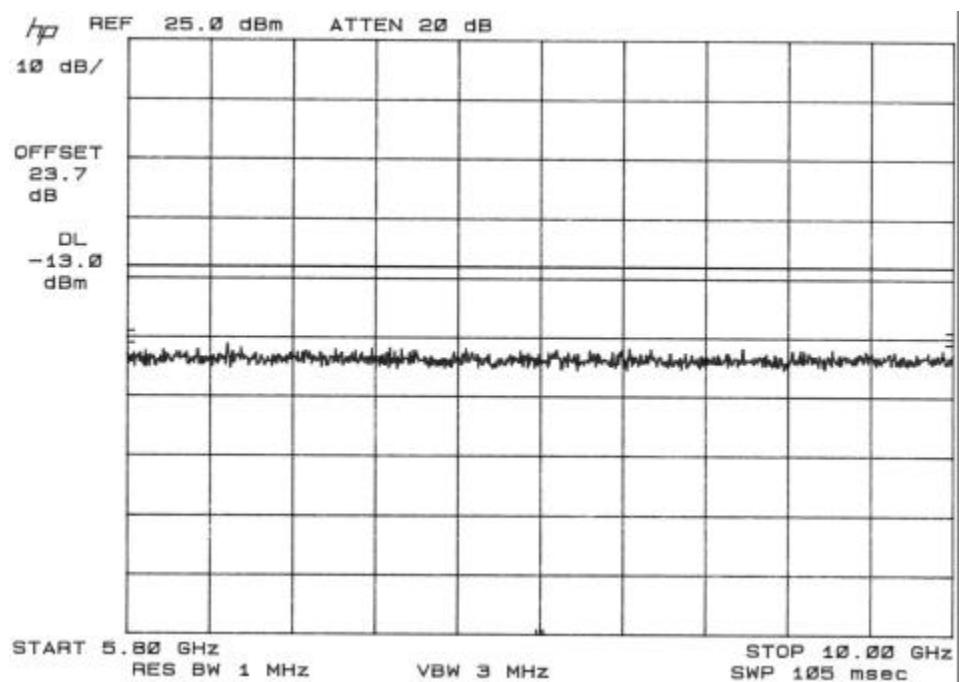
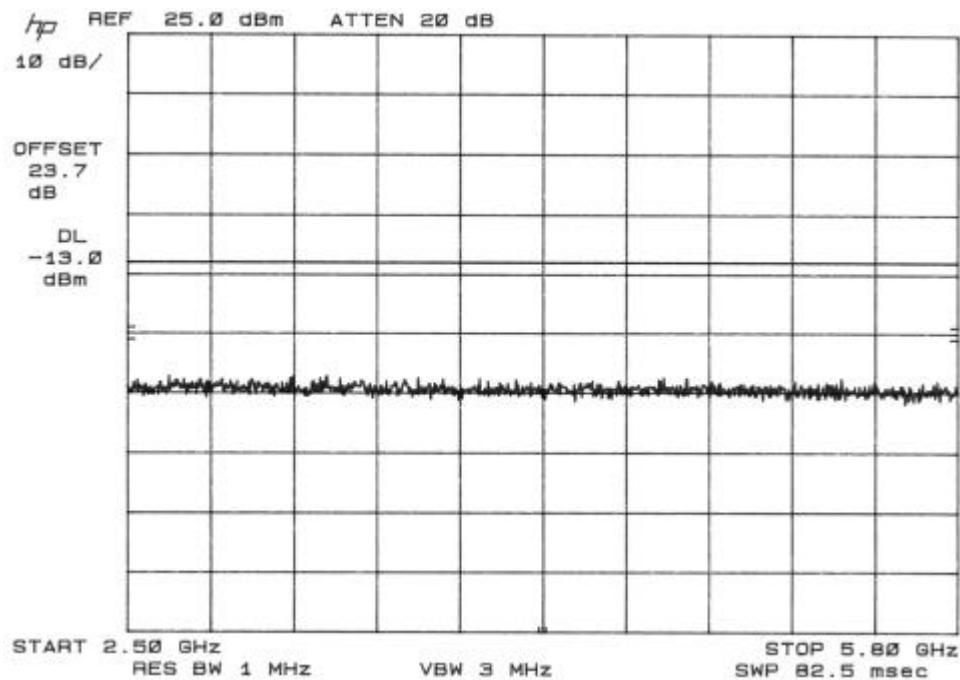


Figure 7: Conducted Spurious Emissions at Antenna Terminals, Uplink.

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|---|---|-----------------------------------|---|
|  | 5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704 | Antenna Conducted Spurious | |
| DNB Job Number: | 58129 | Date: | 8 Apr 2005 |
| Customer: | Janizary Holdings Inc | | |
| Model Number: | CB-HP-800 | Serial Number: | Conformance Standards <input checked="" type="checkbox"/> IC RSS-131 <input checked="" type="checkbox"/> FCC Part 22 |
| Description: | RF amplifier Uplink – CDMA – Lo Channel – 824.7 MHz | | |

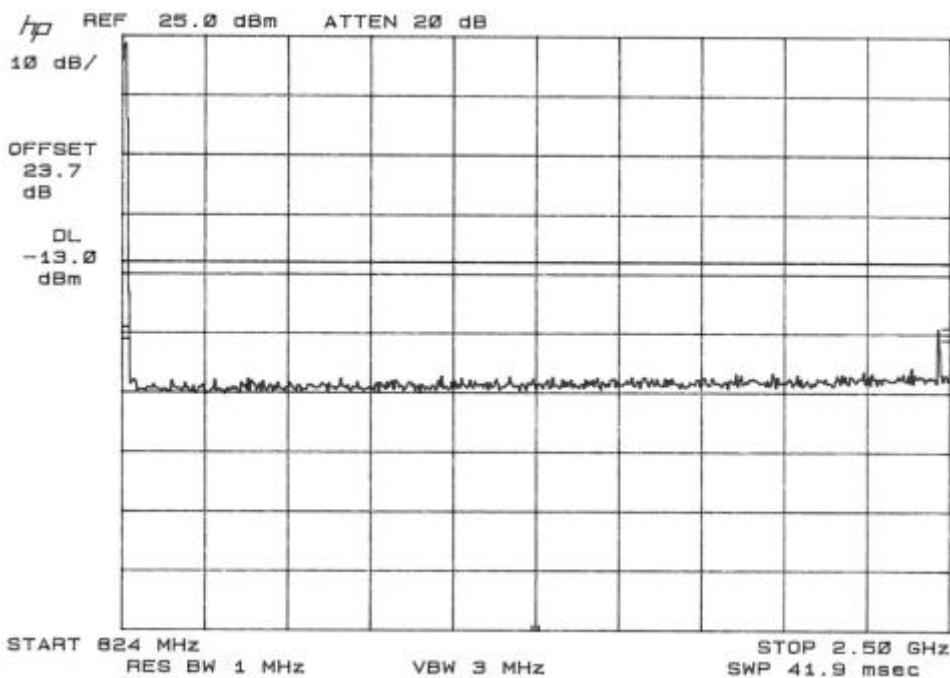
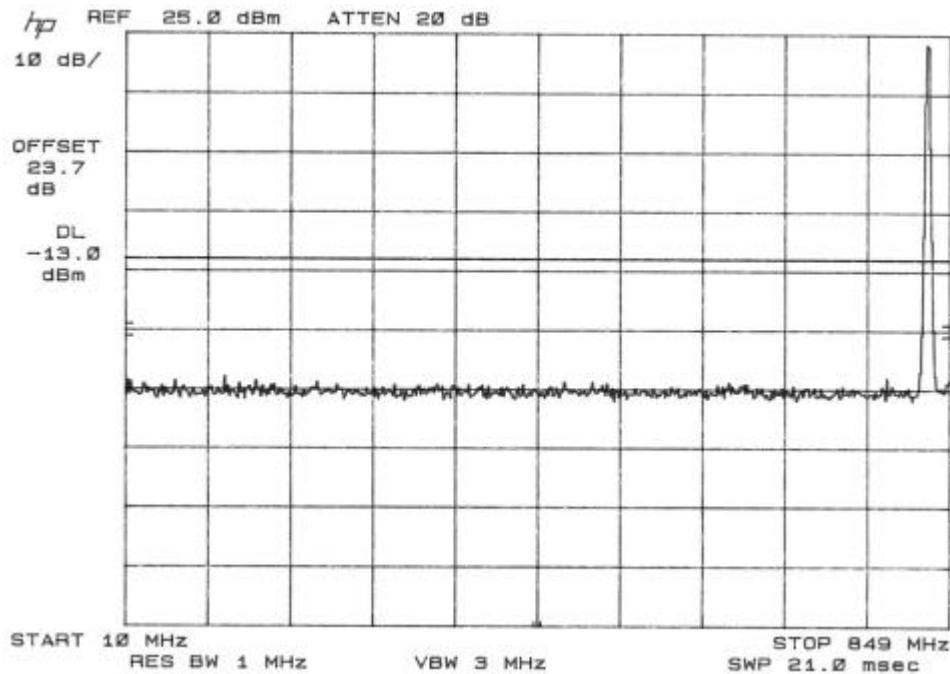


Figure 7: Conducted Spurious Emissions at Antenna Terminals, Uplink.

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|---|---|-----------------------------------|---|
|  | 5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704 | Antenna Conducted Spurious | |
| DNB Job Number: | 58129 | Date: | 8 Apr 2005 |
| Customer: | Janizary Holdings Inc | | |
| Model Number: | CB-HP-800 | Serial Number: | Conformance Standards <input checked="" type="checkbox"/> IC RSS-131 <input checked="" type="checkbox"/> FCC Part 22 |
| Description: | RF amplifier Uplink – CDMA – Lo Channel – 824.7 MHz | | |

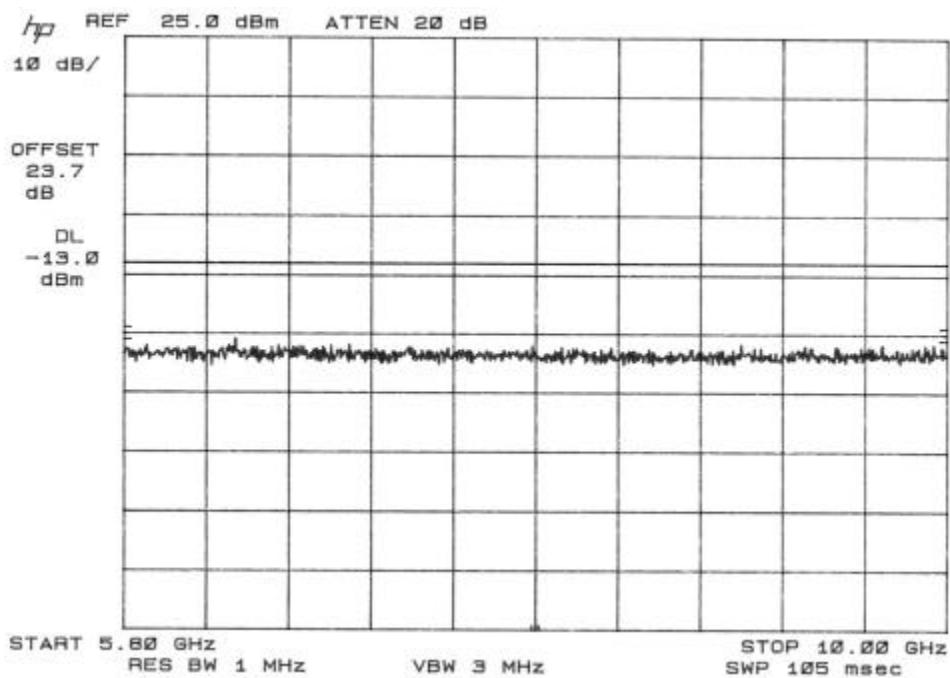
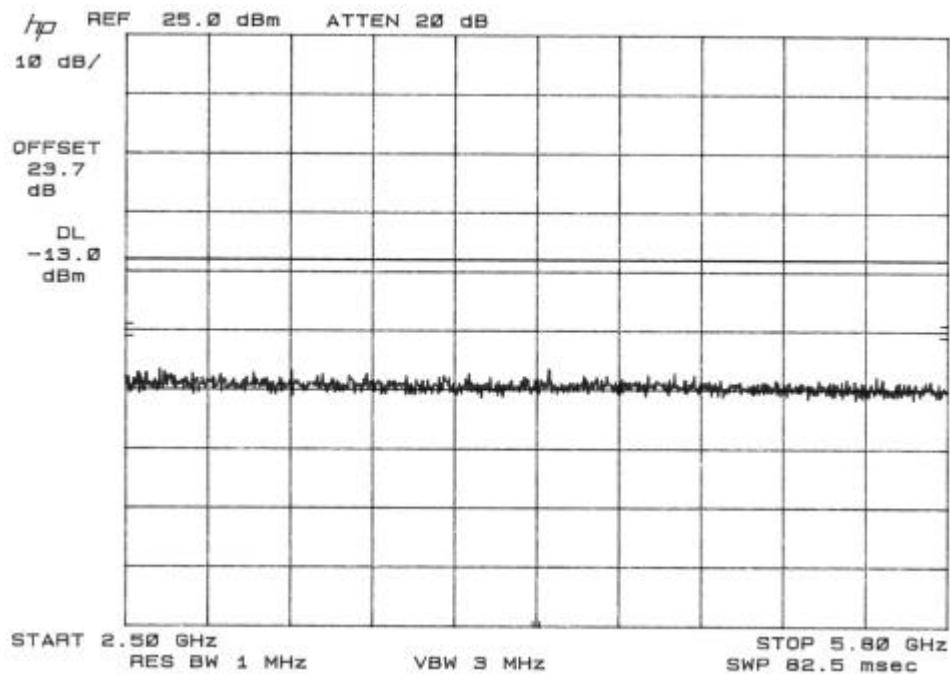


Figure 7: Conducted Spurious Emissions at Antenna Terminals, Uplink.

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|---|---|-----------------------------------|---|
|  | 5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704 | Antenna Conducted Spurious | |
| DNB Job Number: | 58129 | Date: | 8 Apr 2005 |
| Customer: | Janizary Holdings Inc | | |
| Model Number: | CB-HP-800 | Serial Number: | Conformance Standards <input checked="" type="checkbox"/> IC RSS-131 <input checked="" type="checkbox"/> FCC Part 22 |
| Description: | RF amplifier Uplink – CDMA – Mid Channel – 836.5 MHz | | |

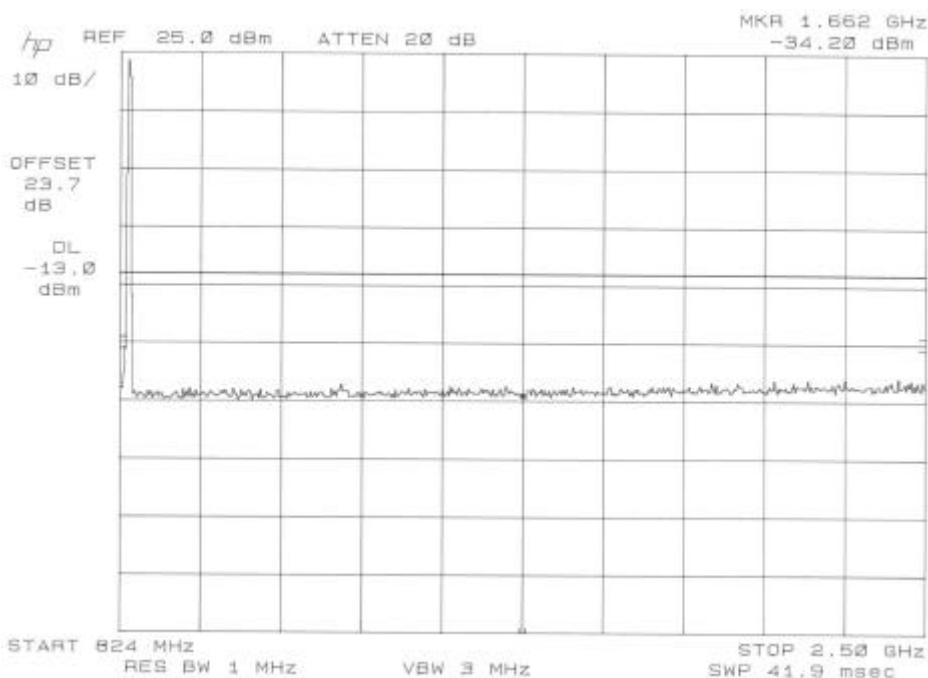
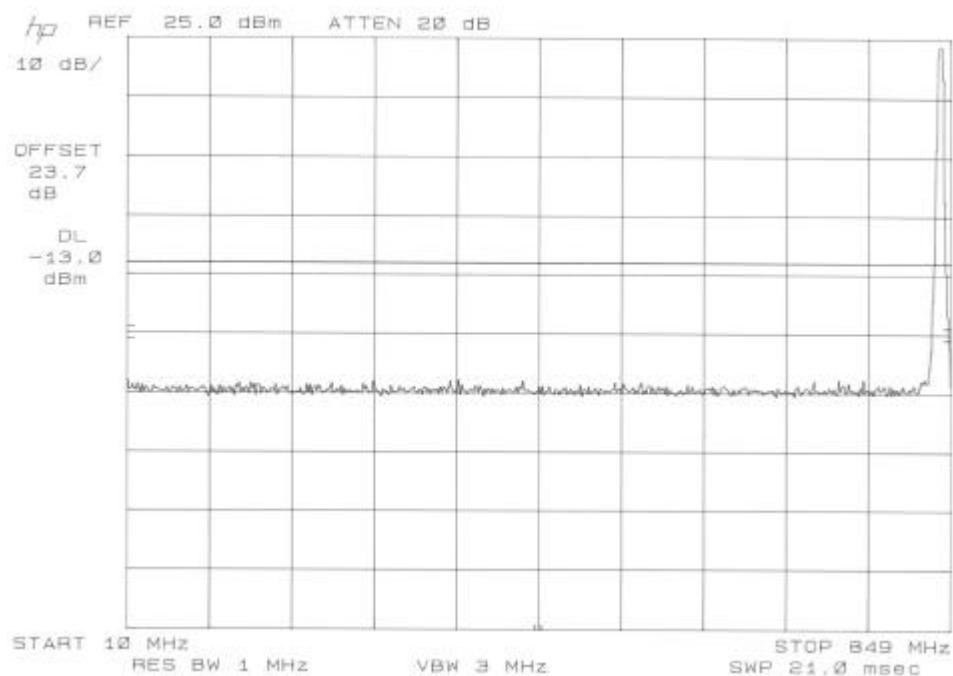


Figure 7: Conducted Spurious Emissions at Antenna Terminals, Uplink.

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|---|---|-----------------------------------|---|
|  | 5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704 | Antenna Conducted Spurious | |
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