FCC Part 15 Class II
Permissive Change Test Report

900MHz Direct Sequence
Spread Spectrum Radio Device

FCC ID: Q69MIU1000

FCC Rule Part: 15.247

ACS Report Number: 03-0100-15B-B

Manufacturer: Screamer Technologies, Inc.
Model: Screamer MIU1000

Test Begin Date: May 06, 2003
Test End Date: June 20, 2003

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This report contains 3 pages

1.0 SUMMARY OF TESTS

The following test data are re-submitted in this application due to errors in the original test report, 6dB Bandwidth and Power Spectral Density. The errors in the original report are explained in detail in the respective sections below with the correct data.

1.1 - 6dB Bandwidth – FCC Section 15.247(a)(2)

The text below the plot (Figure 6.5.2-1 of the original report) gives the result as 955.5555MHz, however the plot clearly shows it to be 955.5555kHz. The correct

1.1.1 Test Methodology

A radiated measurement procedure was used to view the 6dB bandwidth, according to FCC 97-114 Appendix C, Alternative Test Procedure. The EUT was caused to generate a continuous DSSS signal during the test.

1.1.2 Test Results

Results are shown below in figures 1.0.2-1:

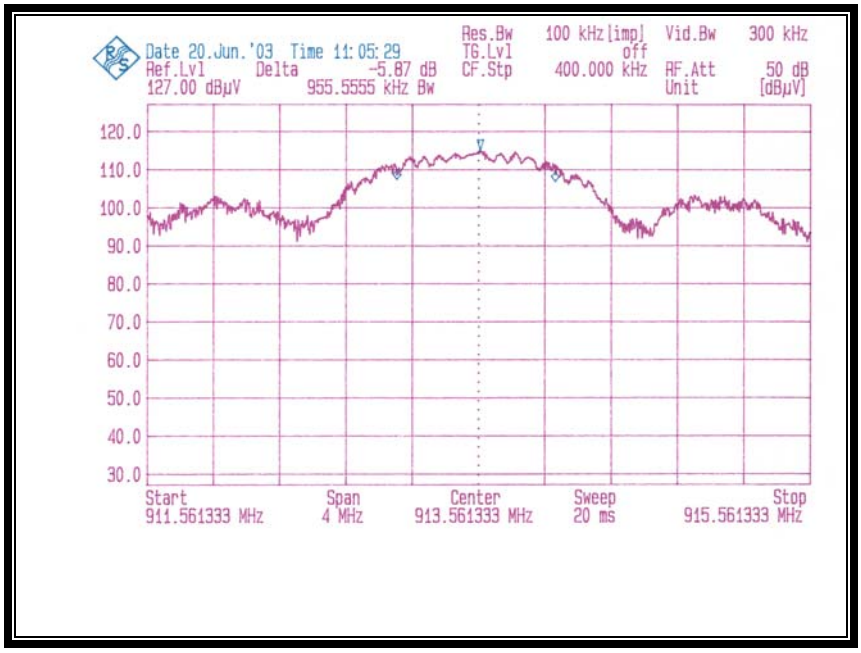

Figure 1.1.2-1: 6dB Bandwidth

Result: 955.5555 kHz - PASS

1.2 Peak Power Spectral Density- FCC Section 15.247(d)

1.2.1 Test Methodology

A radiated measurement procedure was used to view the peak power spectral density in any 3 kHz band, according to FCC 97-114 Appendix C, Alternative Test Procedure. The EUT was caused to generate a continuous DSSS signal during the test.

1.2.2 Test Results

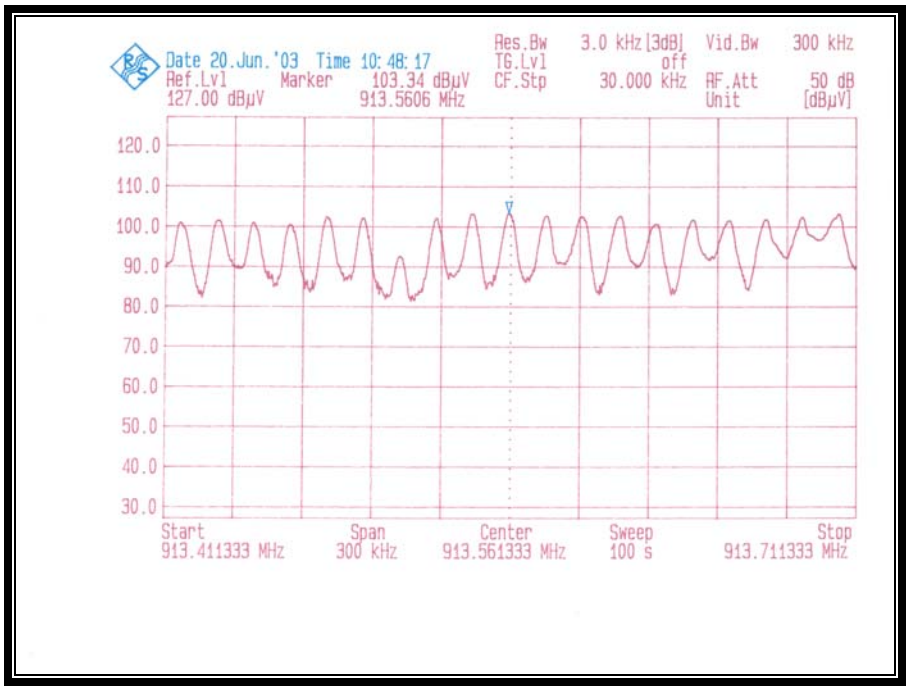

Figure 1.2.2-1: Power Spectral Density

The corrected field strength, accounting for measurement system gain and loss, was 103.34 dBuV/m.
The measured field strength was first converted to V/m: 103.34dBuV/m = .147 V/m.

Next, the conducted power spectral density was determined using the formula:

$$P = \frac{(Ed)^2}{30G} = \textbf{.0061 Watts or 7.81dBm}$$

Result: PASS

2.0 CONCLUSION

In the opinion of ACS, Inc. the Screamer 1000, manufactured by Screamer Technologies, Inc. continues to meet the relevant requirements of FCC Part 15, as required.