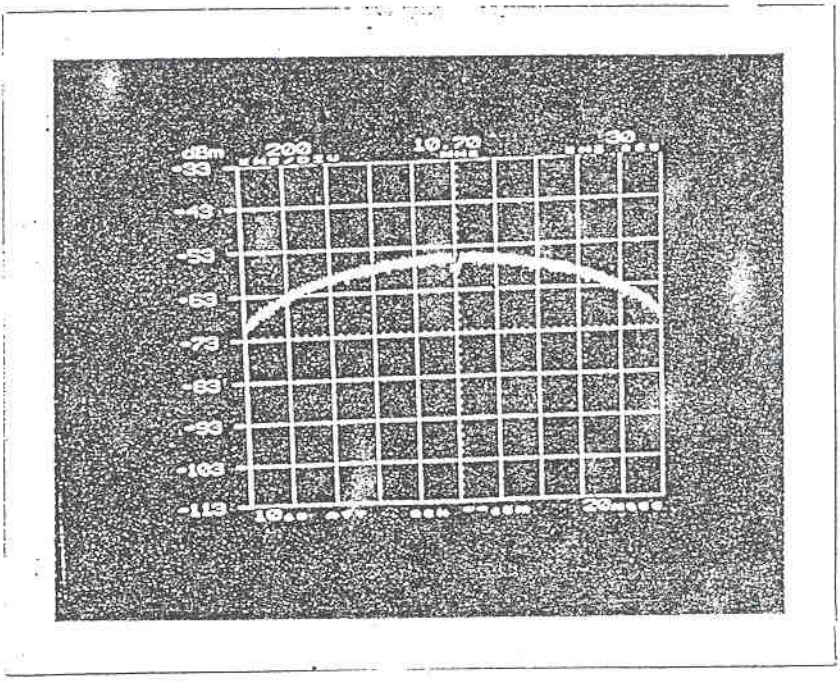

Exhibit V, Illustration V-C
CW signal input at 900 MHz, 10.7 MHz IF output after decorrelator.

Testing Performed By:

Robert J. Davis, Senior RF Engineer
Axonn Corporation

Date
Axonn Corporation 0536-0200

TEST #2

Same as Test #1, with the exception that a 110 kHz bandpass filter is following the decorrelator. Test Configuration #1.

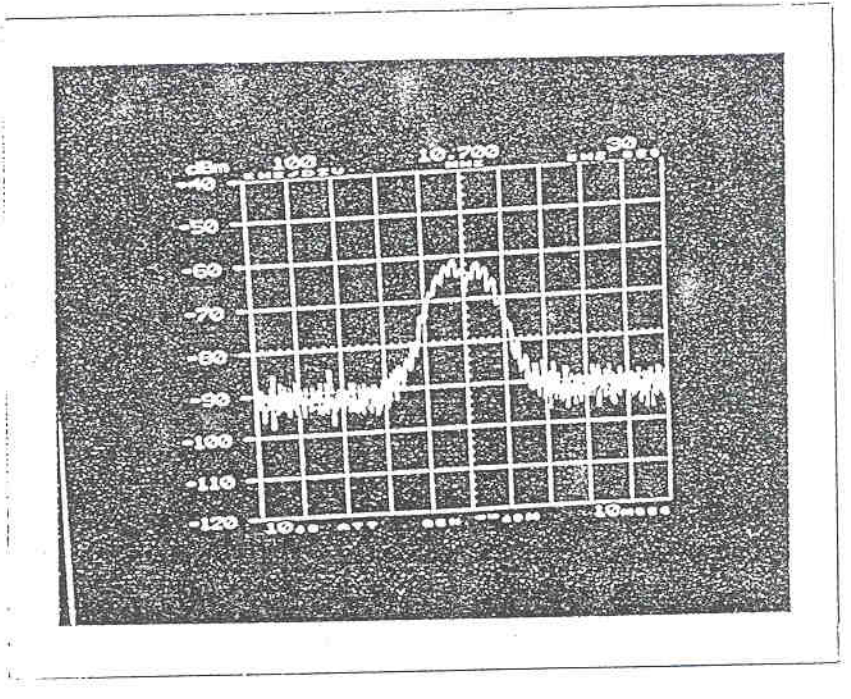

Exhibit V, Illustration V-D

Spread spectrum signal input at 900 MHz, 10.7 MHz output after decorrelator band limited to 110 kHz.

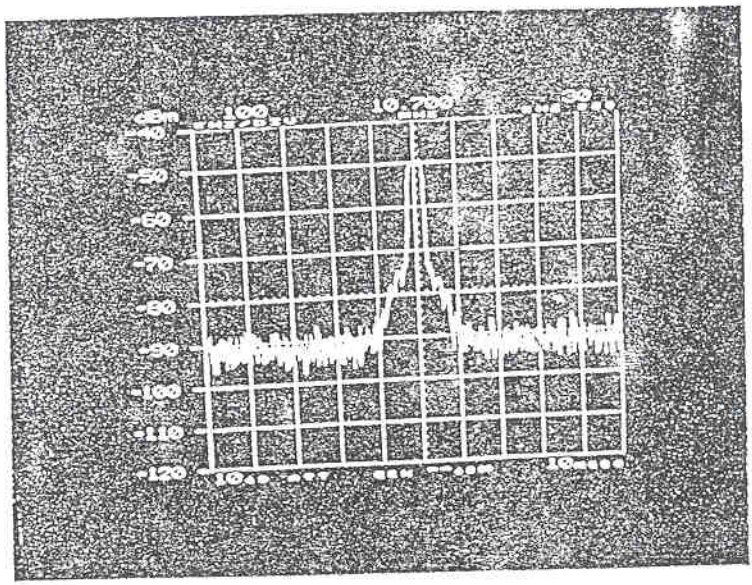

Exhibit V, Illustration E

CW signal input at 900 MHz, 10.7 MHz output after decorrelator band limited to 110 kHz.

NOTE: Process gain of at least 12 dB.

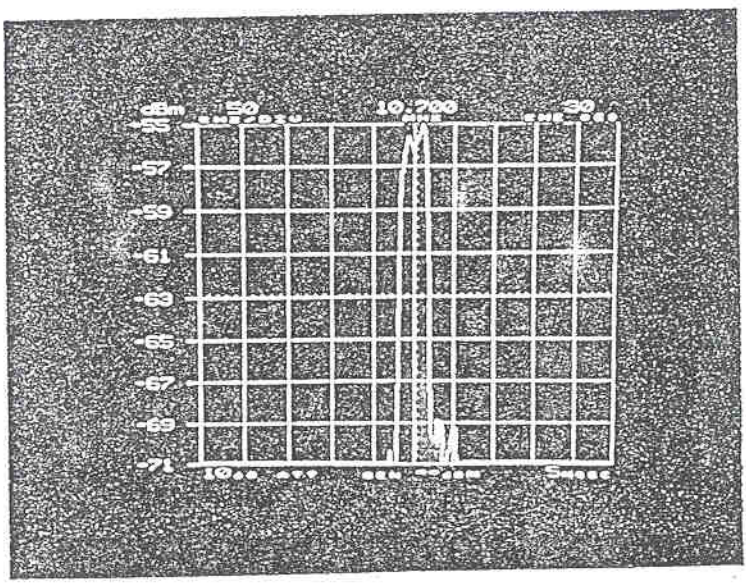

Exhibit V, Illustration V-F

Same as Illustration V-D, with the exception of spectrum analyzer dB scale set to 2 dB per division to show finer amplitude resolution. SNR = 13 dB.

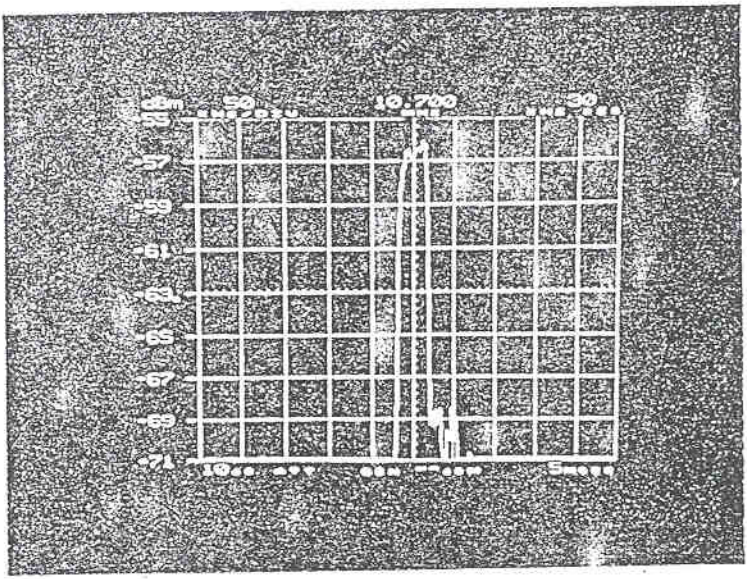

Exhibit V, Illustration V-G

Same as Illustration V-F, with the exception that the receiver pseudo-random codes are purposely offset by 1/8 chip delayed from the transmitter (ie. worse case offset due to system implementation), showing roughly 1 dB delta in SNR.

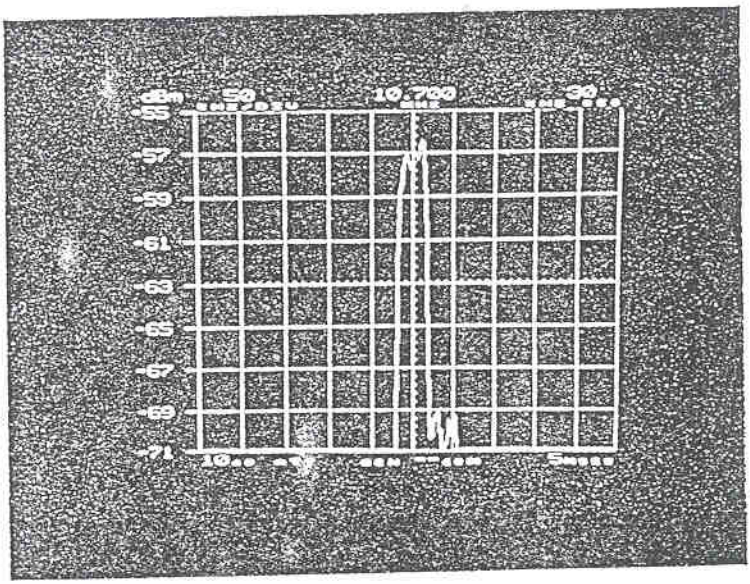

Exhibit V, Illustration V-H

Same as Illustration V-G, with the exception that receiver pseudo-random codes are advanced 1/8 chip, showing roughly 1 dB delta in SNR.