

Exhibit V, Illustration V-C

CW signal input at 900 MHz, 10.7 MHz IF output after decorrelator.

Testing Performed By:

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TEST #2

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

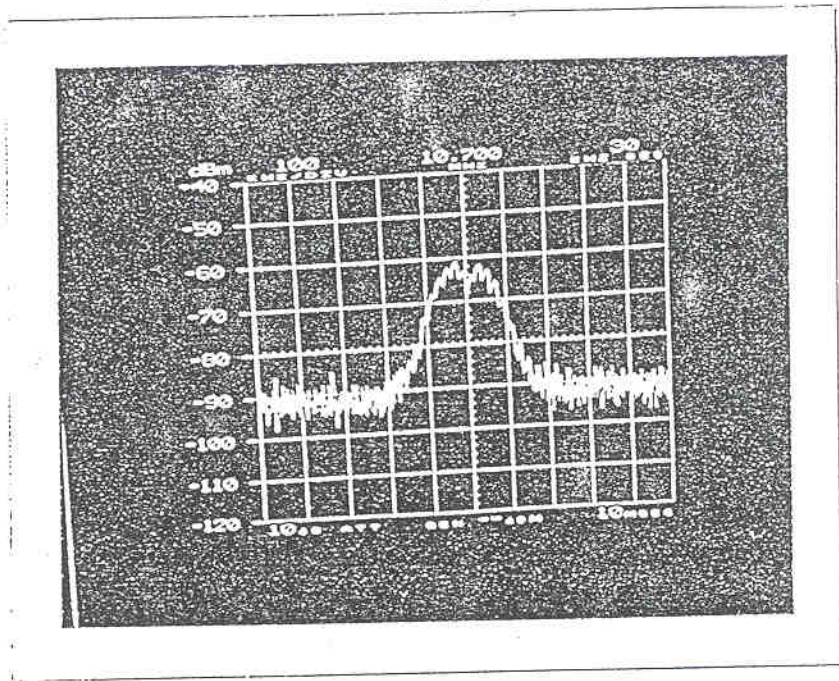


Exhibit V, Illustration V-D

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

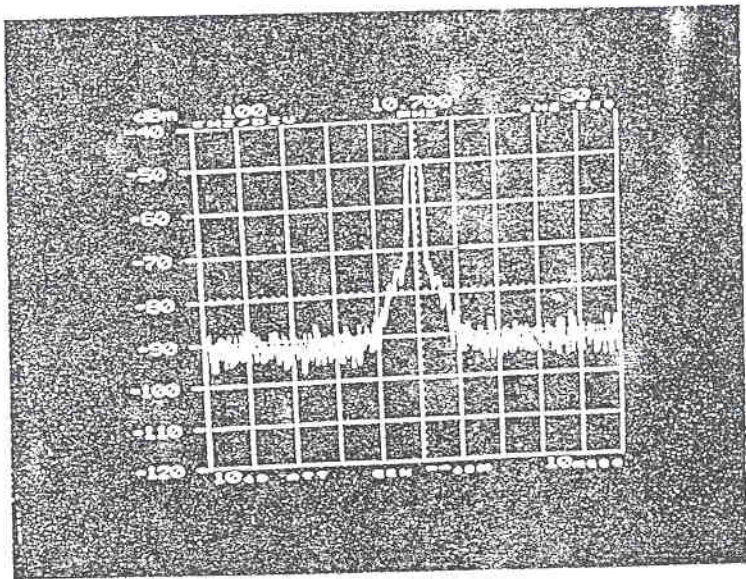


Exhibit V, Illustration E

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.

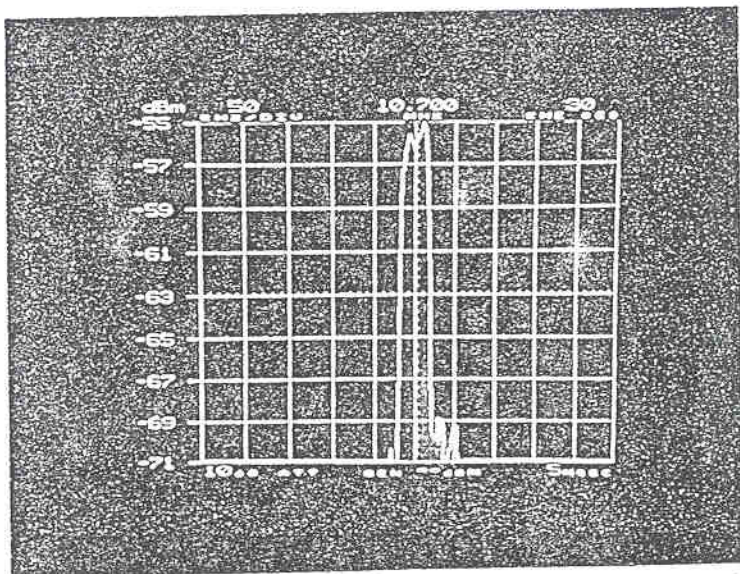


Exhibit V, Illustration V-F

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.

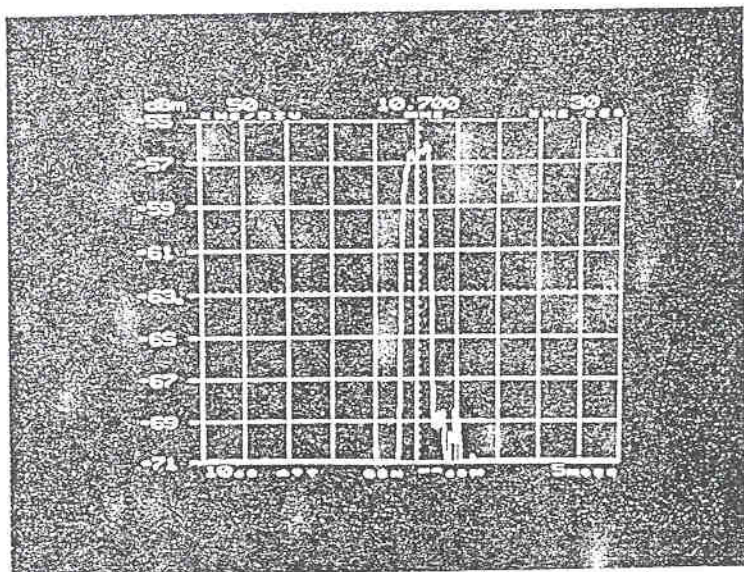


Exhibit V, Illustration V-G

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.

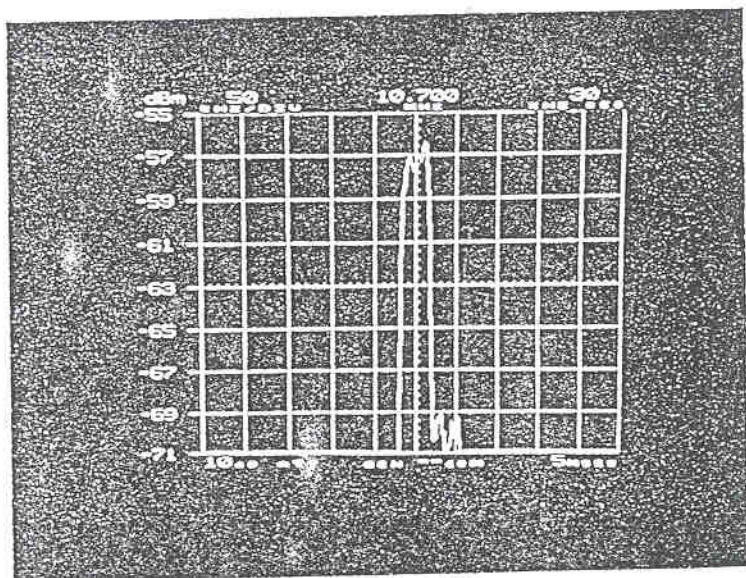


Exhibit V, Illustration V-H

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.