

**Software Test 8 for
Digivance 800 MHz 50-Watt SDR System
Model Numbers DGVS-112710SYS and DGVS-122710SYS**

The out of band emissions were measured directly from the EUT antenna output with a spectrum analyzer from 30 MHz to the 10th harmonic of the highest carrier frequency. The Software Test 8 simulates the GSM signal created from a square wave with a period of 4 symbols.

Results:

Pass (see plots)

Software Defined Radio

Software Test 8

A Band - Channel 181

NIKR -17.33dBm

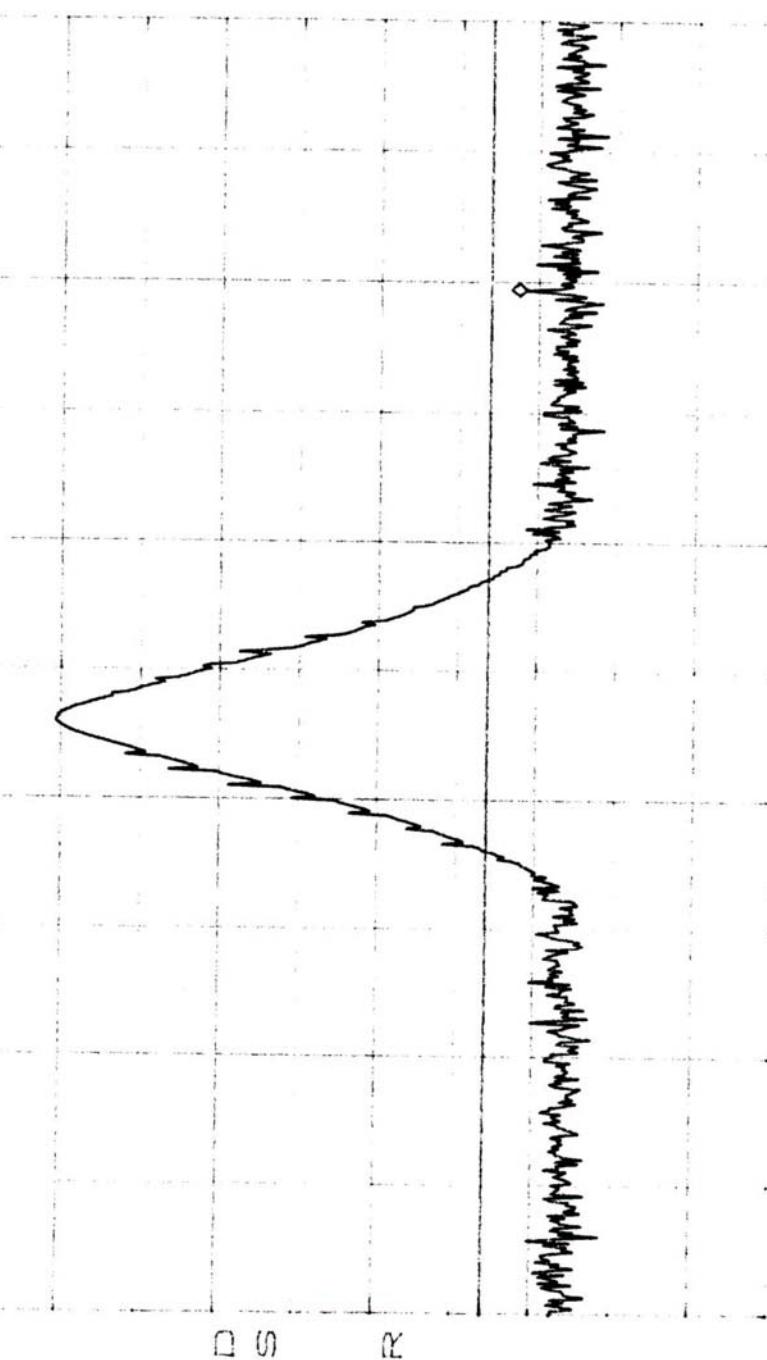
881.475MHz

10dBm

*ATTEN 30dB

RL 51.0dBm

RL



CENTER 880.000MHz
*RBW 100KHz VBW 100KHz
SPAN 5.000MHz
SWP 50ms

SPAN 5.000MHz
SWP 50ms

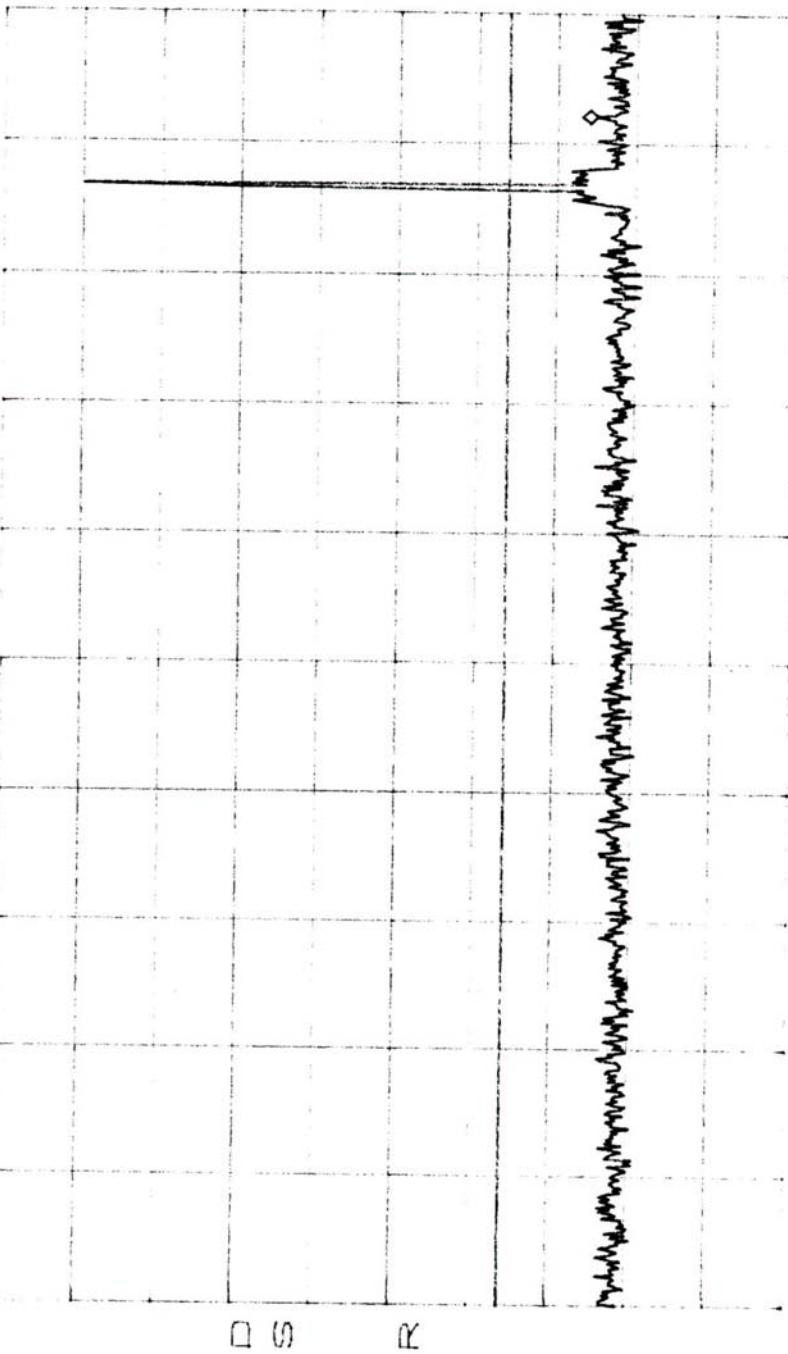
Software Defined Radio

Software Test 8

A Band - Channel 181

*ATTEN 30dB
RL 51.0dBm

MKR -24.00dBm
924.0MHz



START 30.0MHz
*RBW 100kHz
STOP 1.0000GHz
VIEW 100kHz
SWP 250ms

Software Defined Radio

Software Test 8

A Band - Channel 181

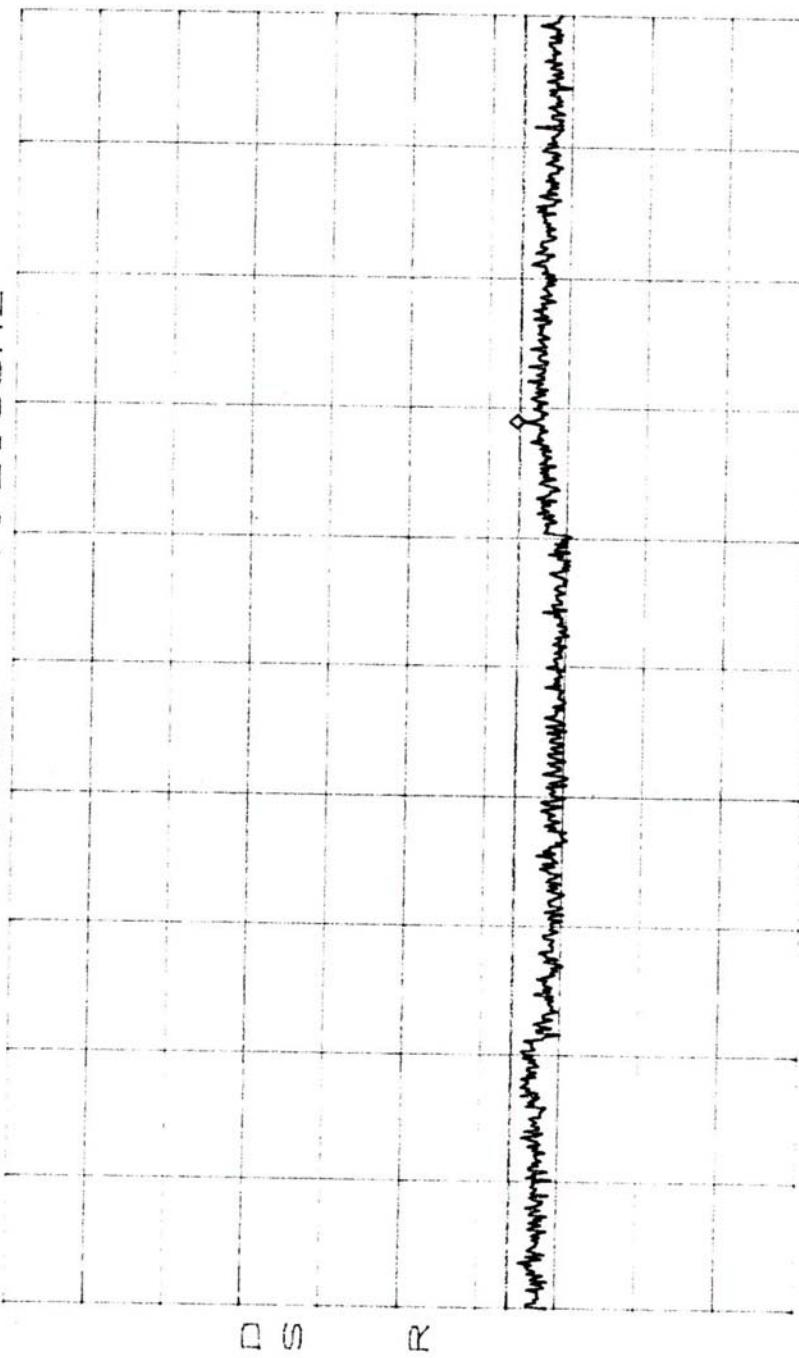
MKR = 13. 50dBm

* ATTEN 30dB

RL S1. 0dBm

10dB✓

7. 210GHz



START 1. 000GHz
*RBW 1. 0MHz VBW 1. 0MHz

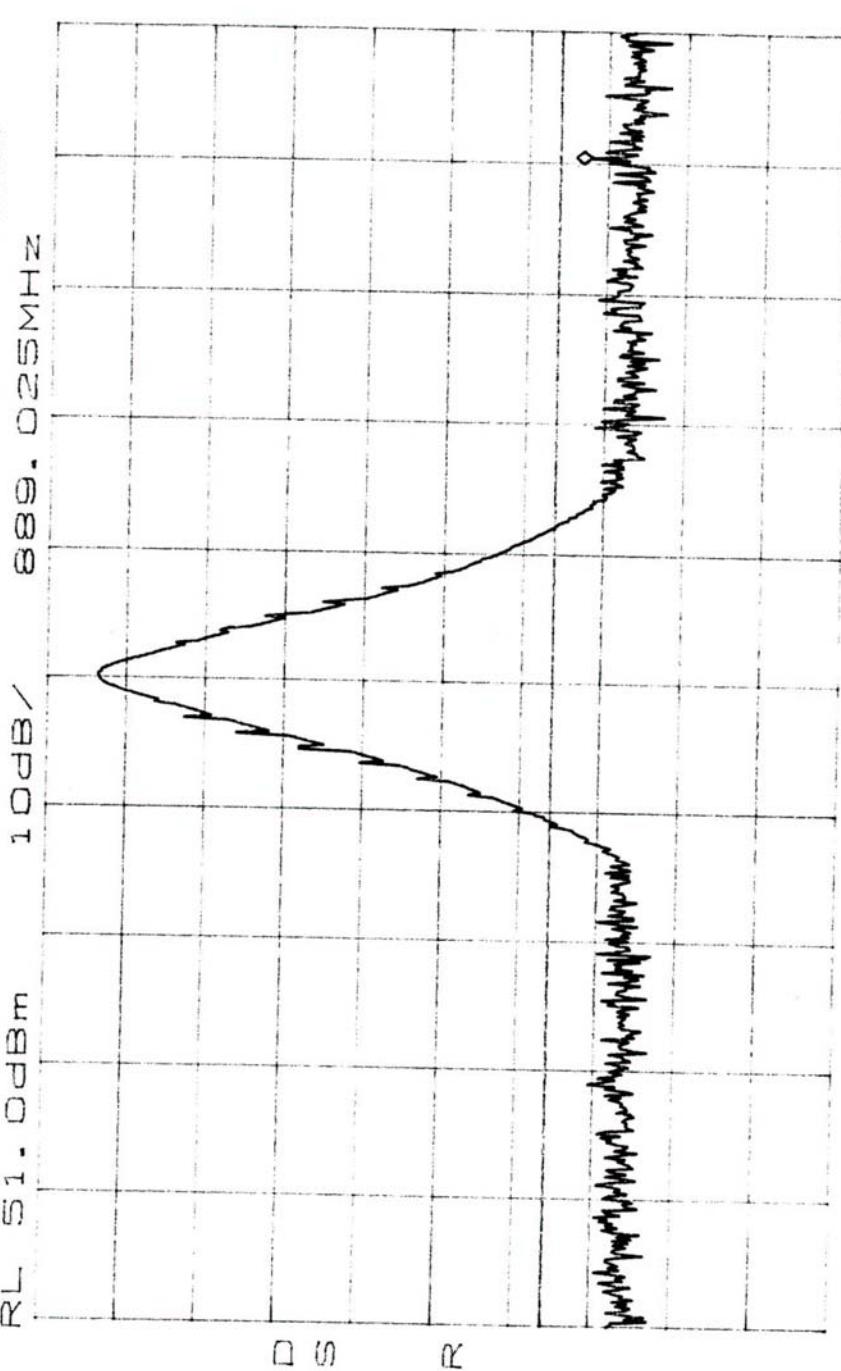
STOP 10. 000GHz
SWP 180ms

Software Defined Radio

Software Test 8

B Band - Channel 217

*ATTEN 30dB
RL S1. 0dBm



CENTER 887.000MHz
*RBW 100KHz VBW 100KHz
SPAN 5.000MHz
SWP 50ms

SPAN 5.000MHz
SWP 50ms

Software Defined Radio

Software Test 8

B Band - Channel 217

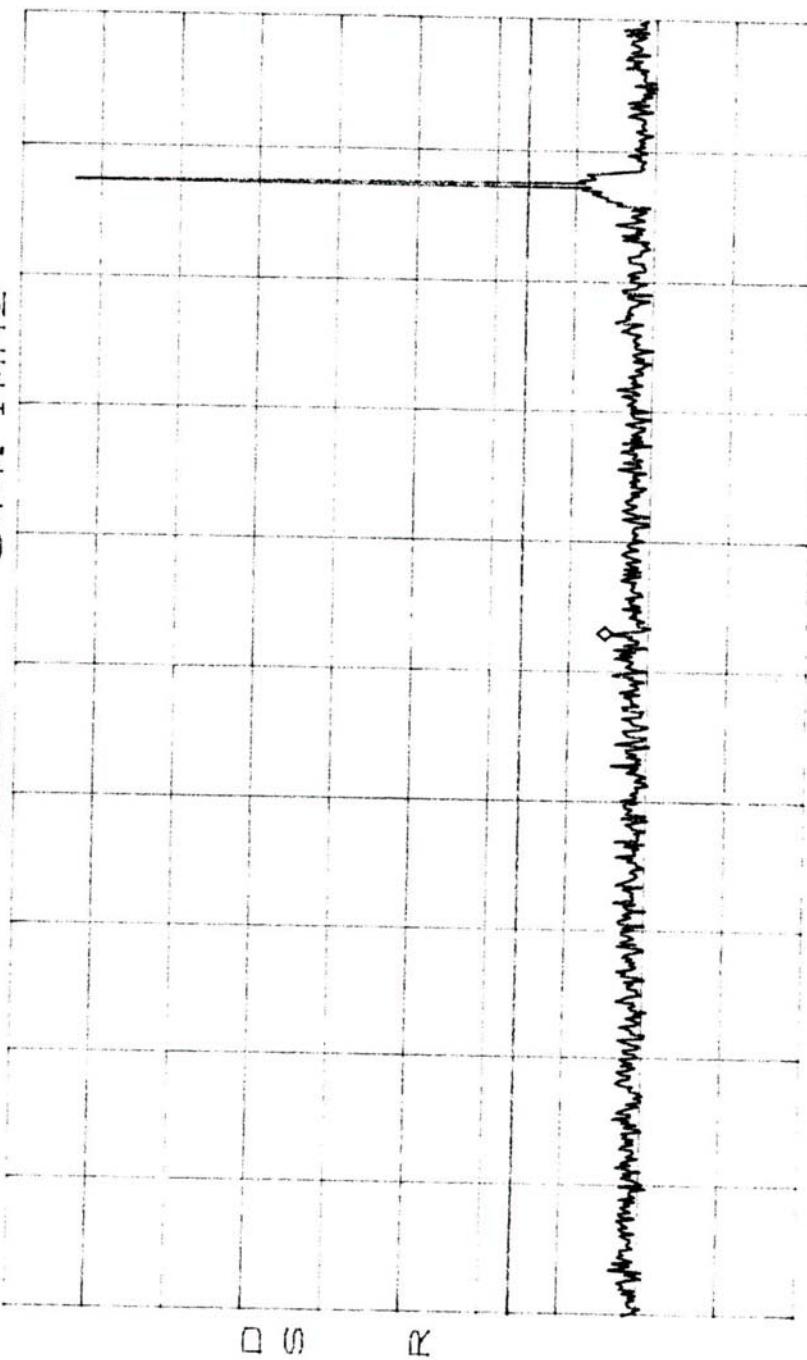
MKR -24. 50dBm

544. 1MHz

10dB /

*ATTEN 30dB

RL 51. 0dBm



START 30. 0MHz
*RBW 100kHz

STOP 1. 0000GHz
VBW 100kHz
SWP 250ms

Software Defined Radio

Software Test 8

B Band - Channel 217

MKR 1-13 SEP 33 1938

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ZETTAK

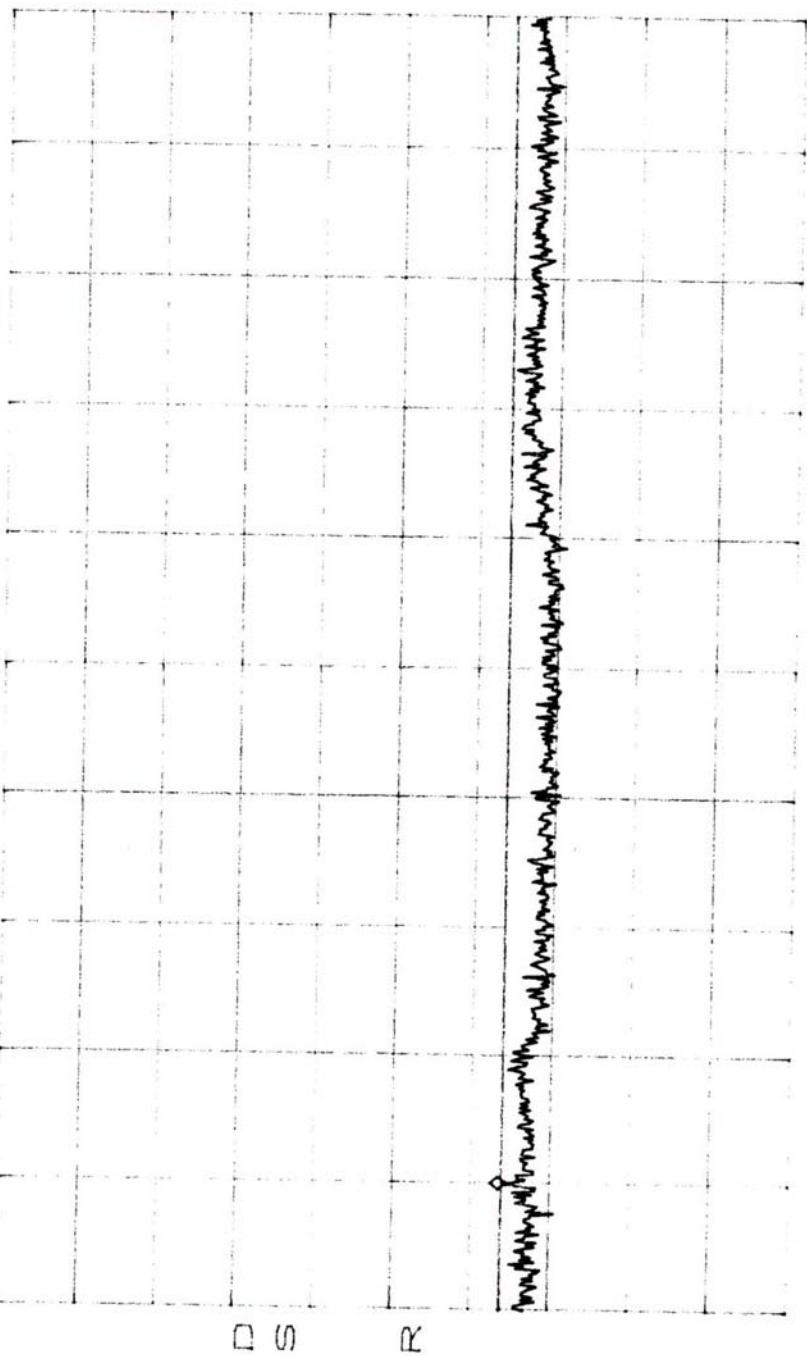
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RL 51 -

10dB/ 1. 900GHz

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18800-12000Hz



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START 1.000GHz      STOP 10.000GHz
*RBW 1.0MHz      VBW 1.0MHz      SWP 180ms

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