

**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

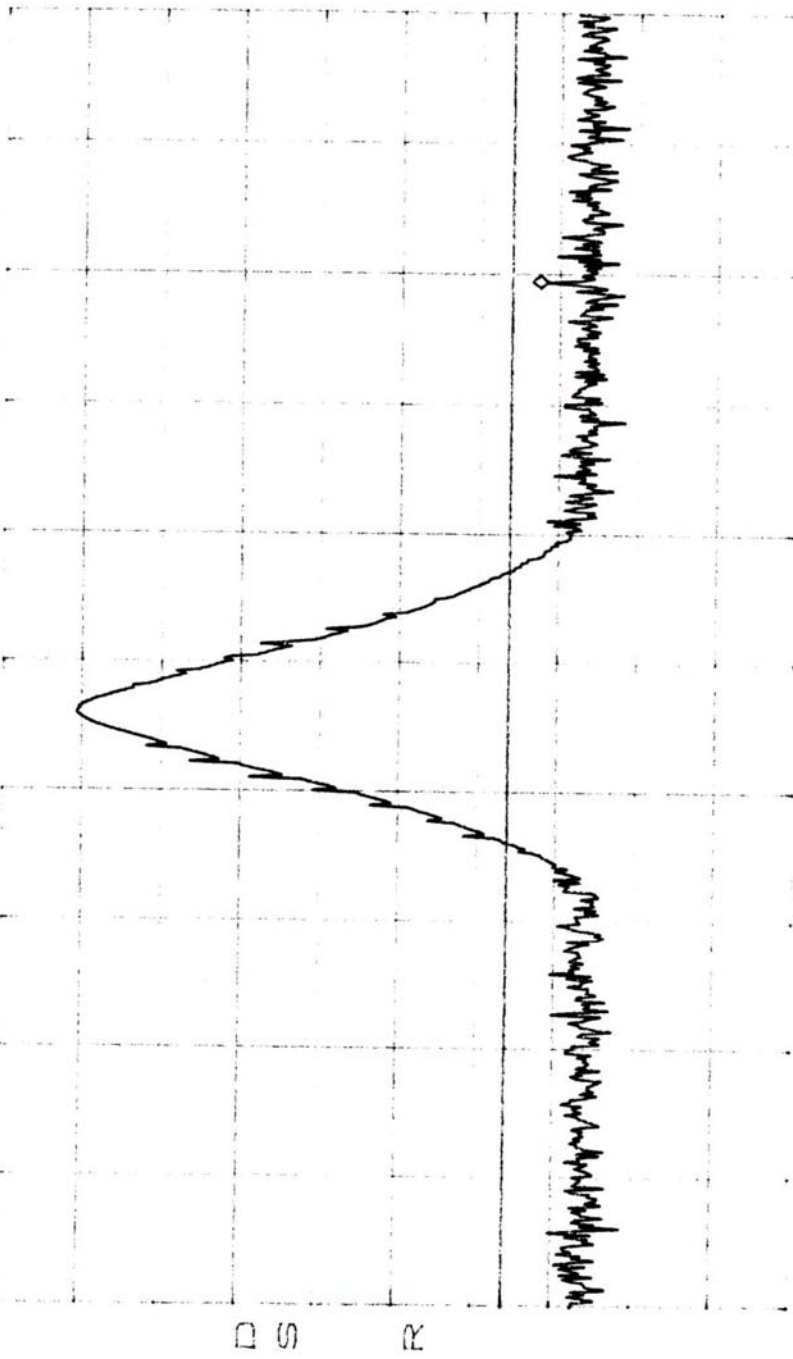
Software Test 8

A Band - Channel 181

* ATTEN 30DB
REL 51.0DBE

NIKR 117.33DBM
881.475MHz

10dB



* CENTER 880.000MHz
SPAN 5.000MHz
VBW 100kHz
SWP 50Hz

Software Defined Radio

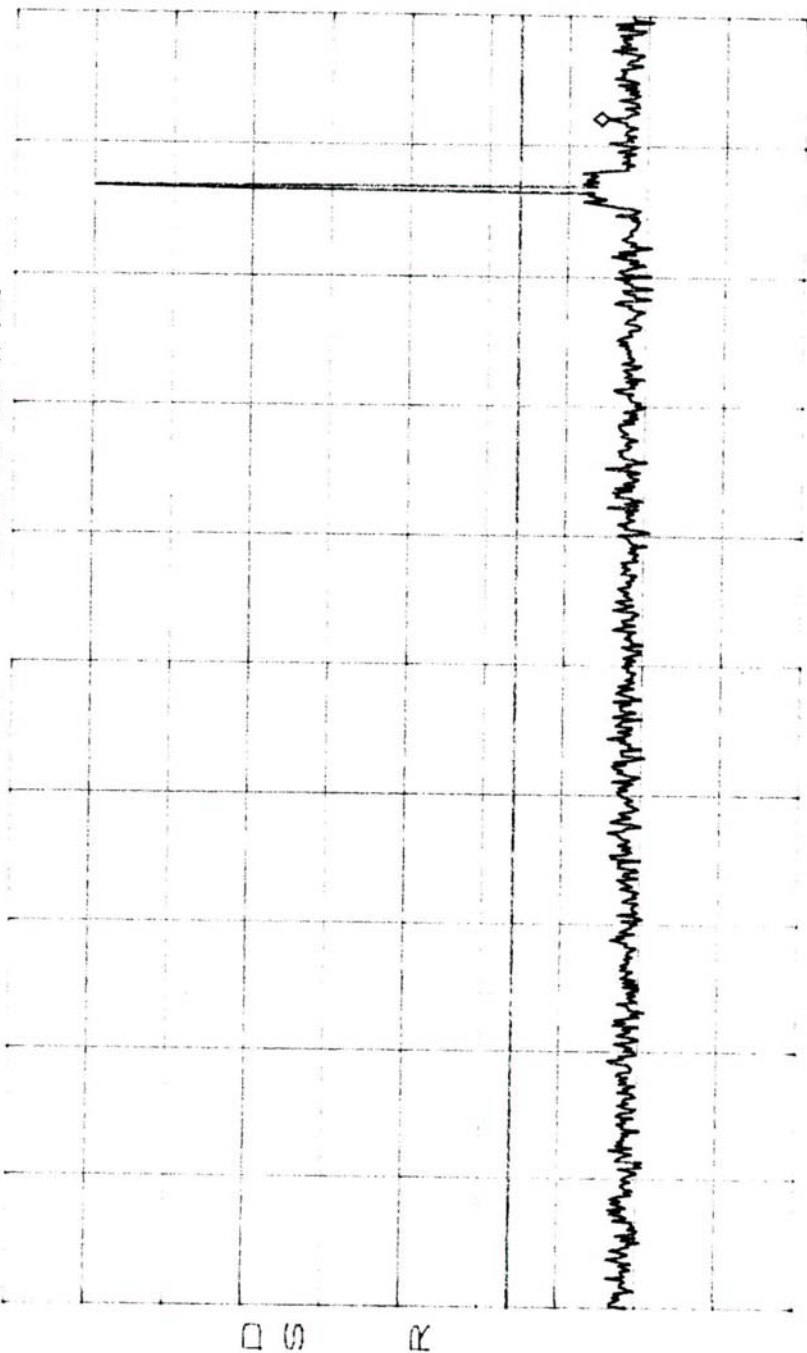
Software Test 8

A Band - Channel 181

*ATTEN 30dB
RL 51.0dBm

MKR -24.00dBm
924.0MHz

10dB/



START 30.0MHz

*RBW 100kHz VBW 100kHz STOP 1.0000GHz SWP 250Hz

Software Defined Radio

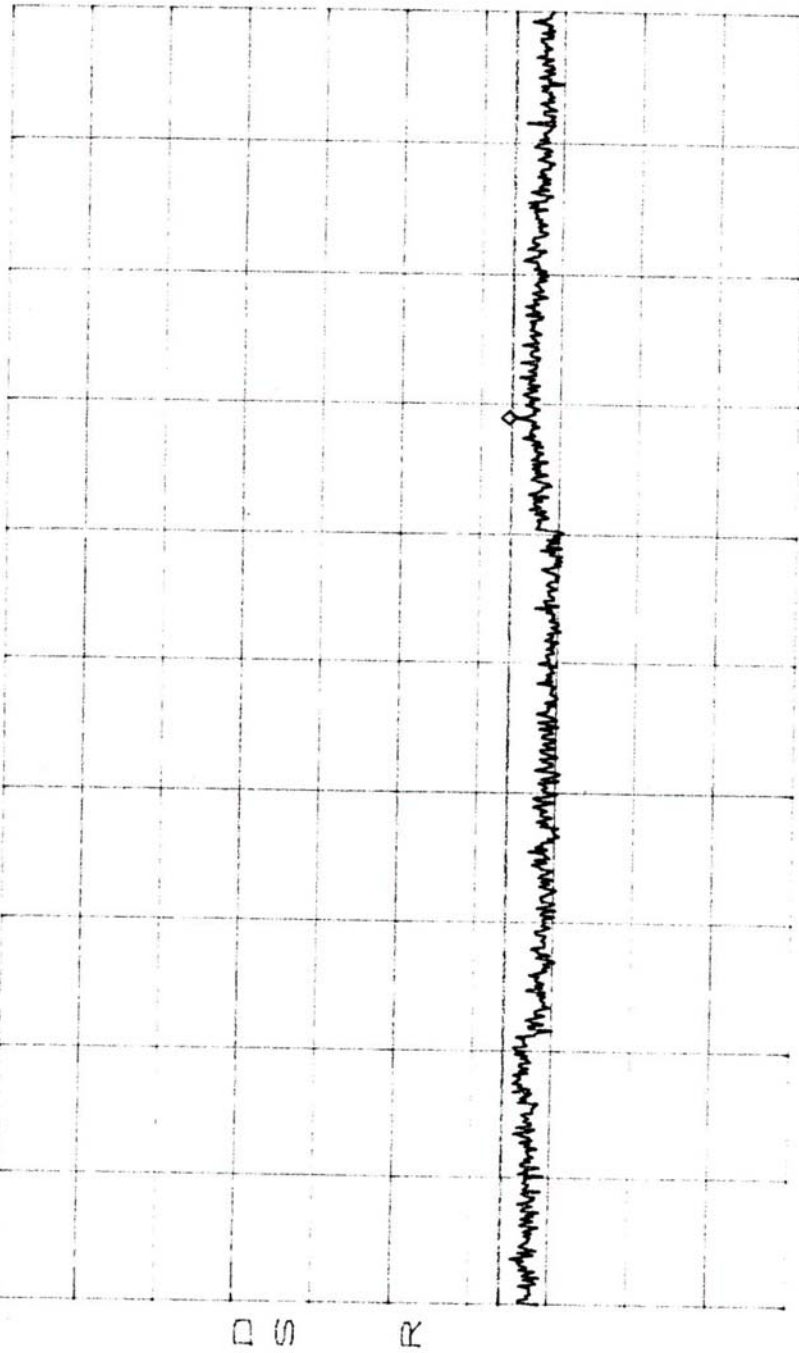
Software Test 8

A Band - Channel 181

*ATTEN 30dB
RL 51.0dBm

MKR -13.50dBm
7.210GHz

10dB



START 1.0000GHz

STOP 10.0000GHz

*RBW 1.0MHz

VBW 1.0MHz

SWP 180ms

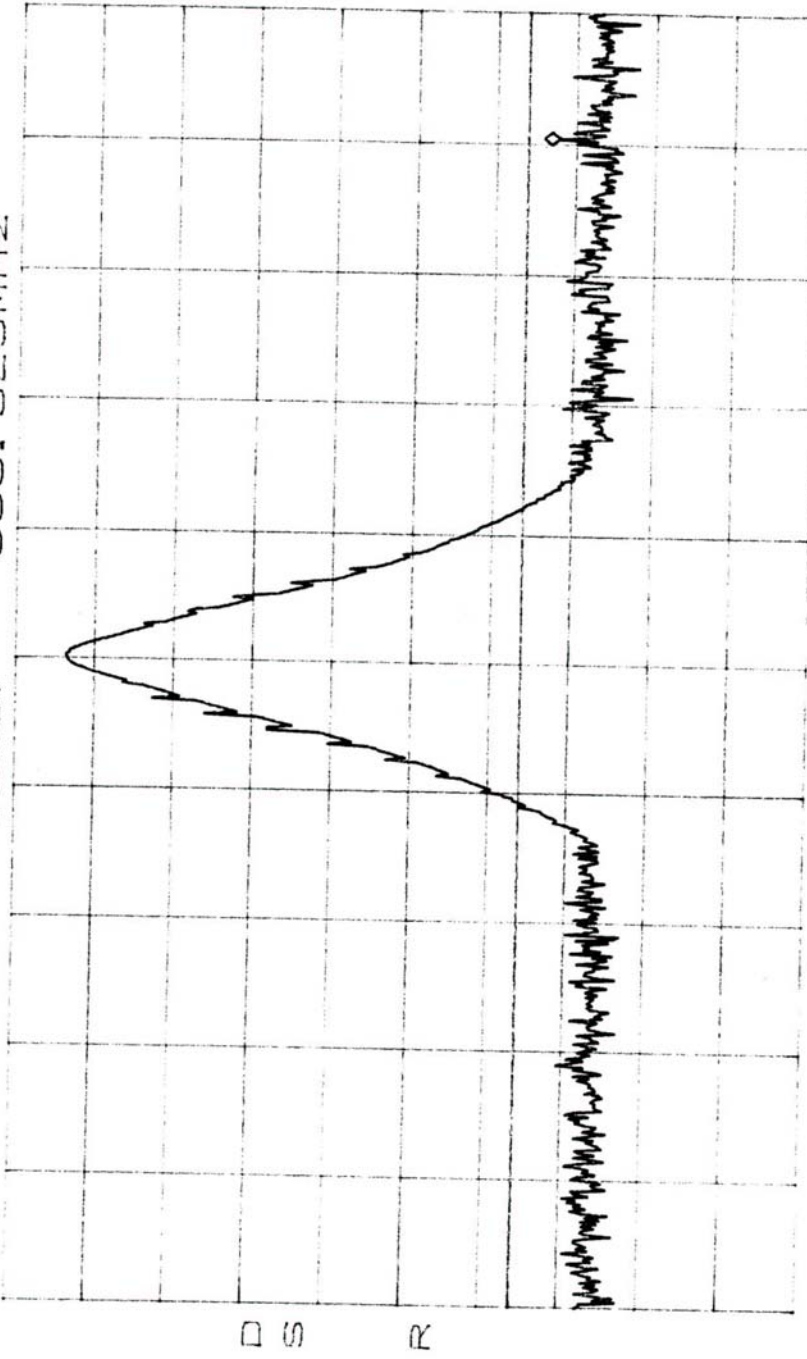
Software Defined Radio

Software Test 8

B Band - Channel 217

*ATTEN 30dB
RL 51.00dBm

MKR -16.83dBm
889.025MHz



CENTER 887.000MHz

SPAN 5.000MHz

*RBW 100kHz

VBW 100kHz

SWP 50ms

Software Defined Radio

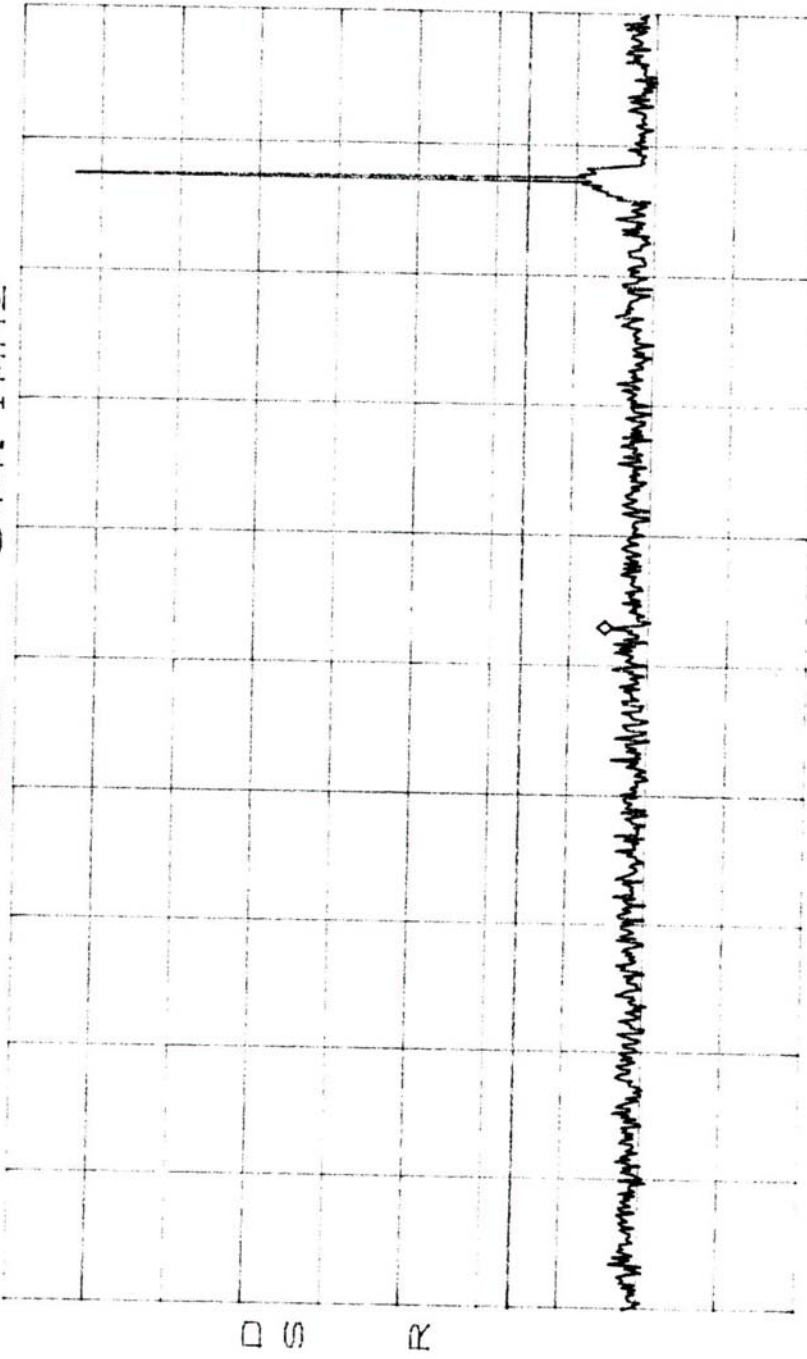
Software Test 8

B Band - Channel 217

*ATTEN 30dB
RL 51.00dBm

MKR -24.50dBm
544.1MHz

10dB/



START 30.0MHz

STOP 1.00000GHz

*RBW 100kHz

VBW 100kHz

SWP 250ms

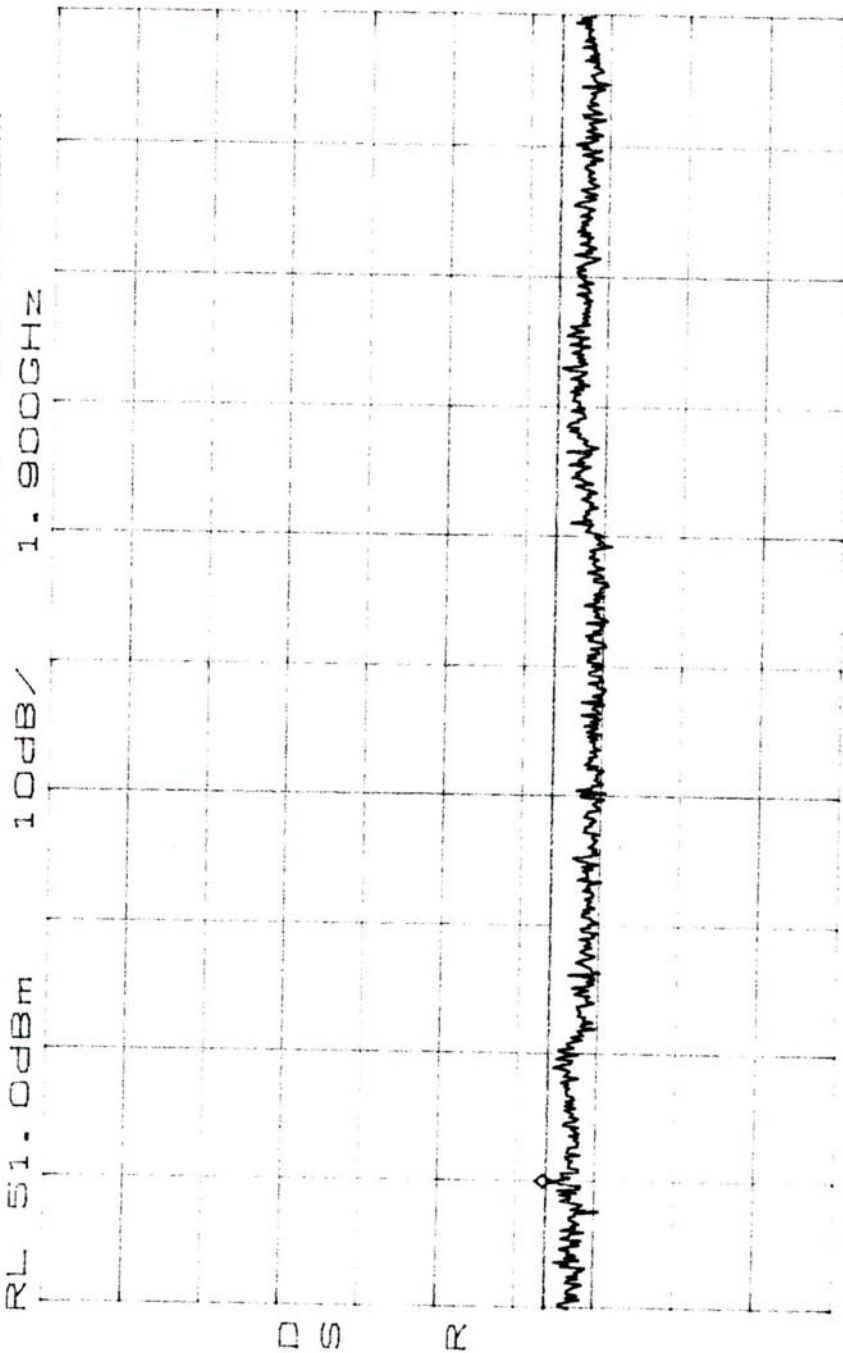
Software Defined Radio

Software Test 8

B Band - Channel 217

*ATTEN 30dB
RL 51.0dBm

MKR -13.33dBm
1.9000GHz



START 1.0000GHz

STOP 10.0000GHz

*RBW 1.0MHz

VBW 1.0MHz

SWP 180ms