

**Software Test 5 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 5 simulates the GSM signal created from a repeated sequence with 1 timeslot of valid traffic channel data and the remaining 7 timeslots filled with dummy bursts.

Results:

Pass (see plots)

Software Defined Radio

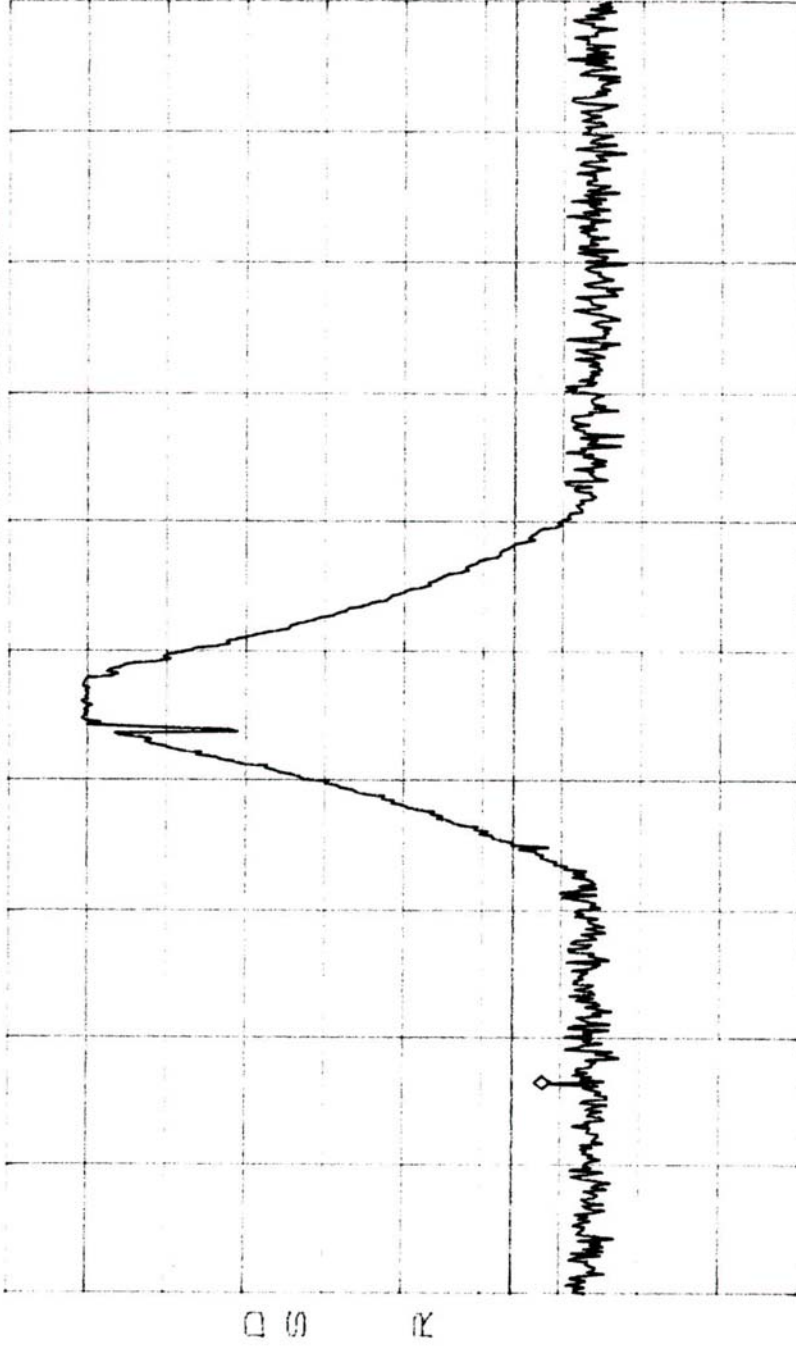
Software Test 5

A Band - Channel 181

* ATTEN 30DB
RL 51.0DBM

MKR -17.67DBM
878.325MHZ

10DB/



CENTER 880.000MHZ

SPAN 5.000MHZ

* RBW 100KHZ

VBW 100KHZ

SWP 50dB

Software Defined Radio

Software Test 5

A Band - Channel 181

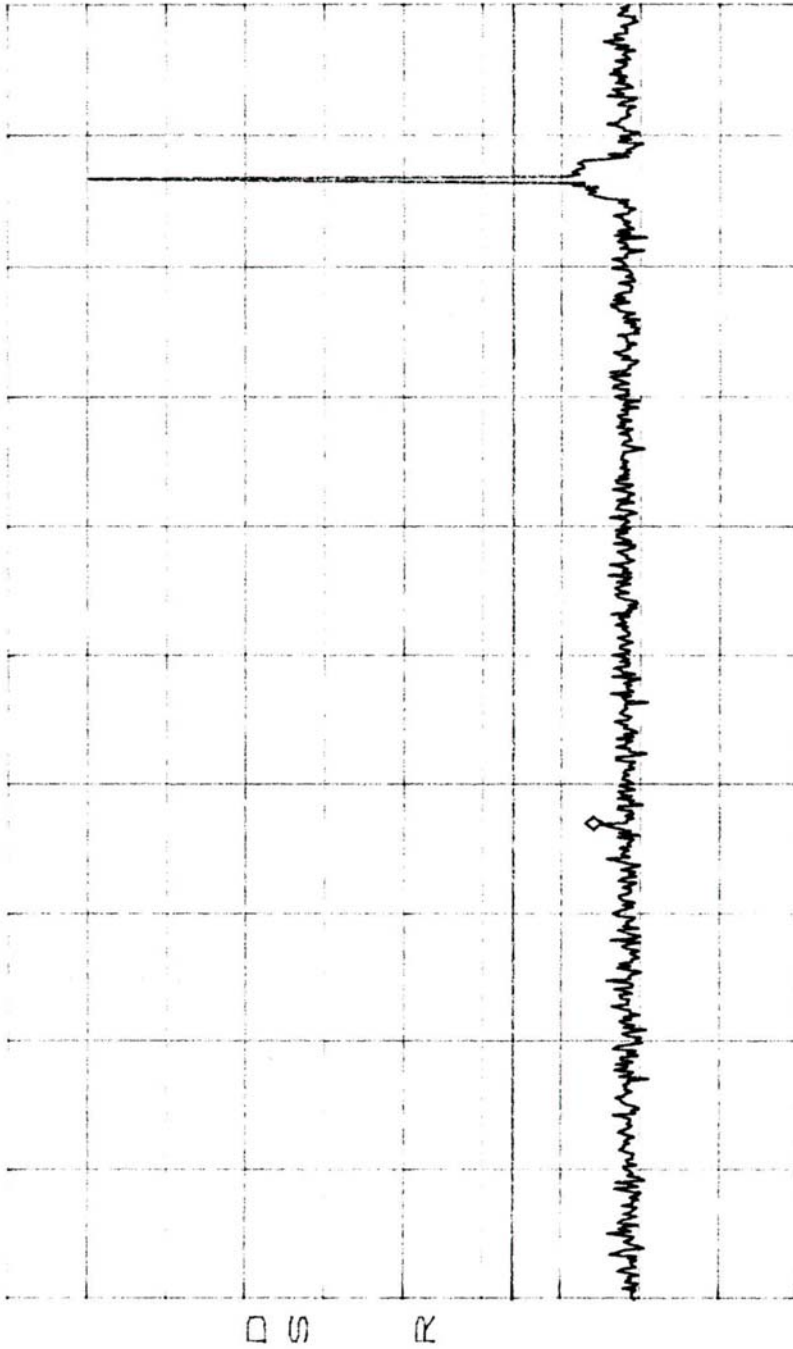
*ATTEN 30dB

RL 51.00dBm

MKR -24.00dBm

388.9MHz

10dB/



START 30.0MHz

STOP 1.0000GHz

*RBW 100kHz

VBW 100kHz

SWP 250ms

Software Defined Radio

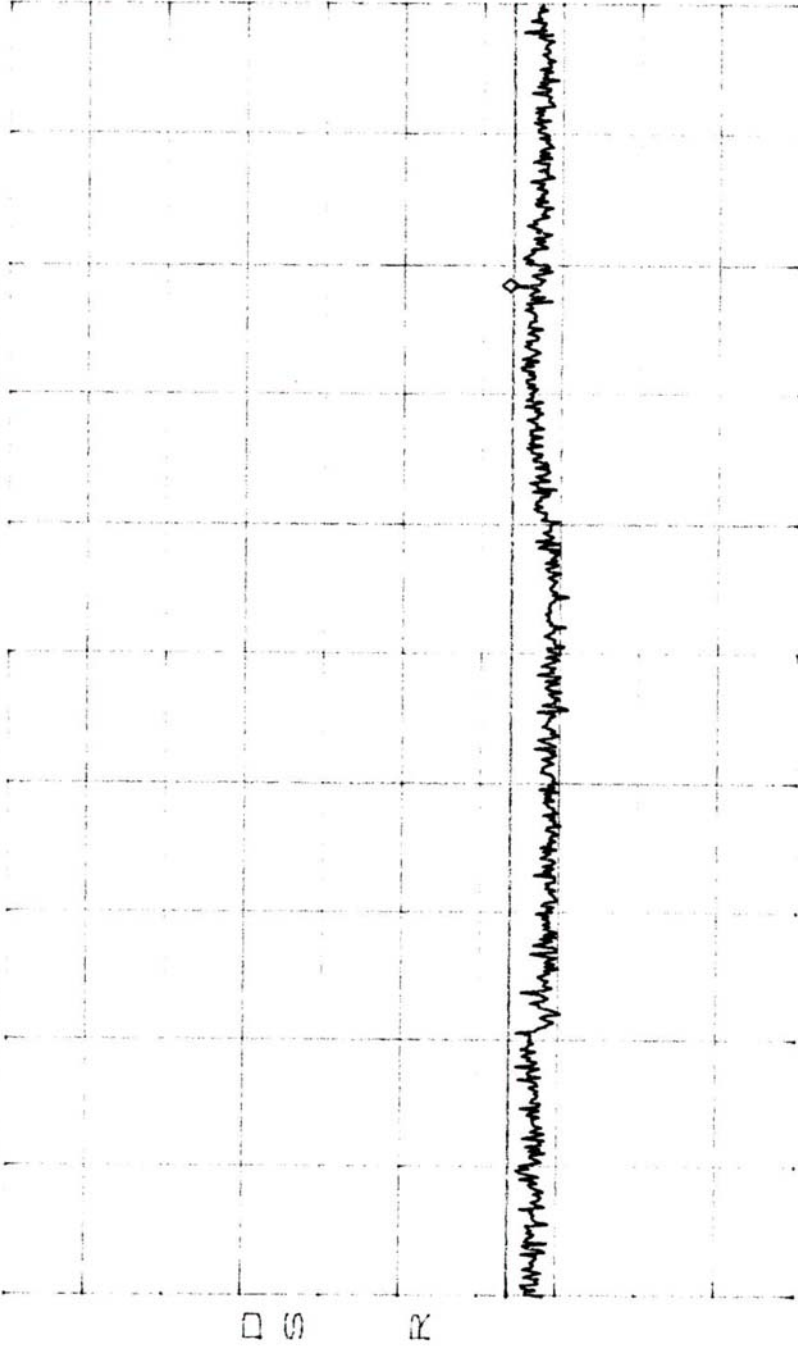
Software Test 5

A Band - Channel 181

*ATTEN 30dB
RL 51.0dBm

MKR -13.3333MHz
8.00000MHz

10dB



START 1.00000MHz

STOP 10.00000MHz

*RBW 1.0MHz

VBW 1.0MHz

SWP 180MHz

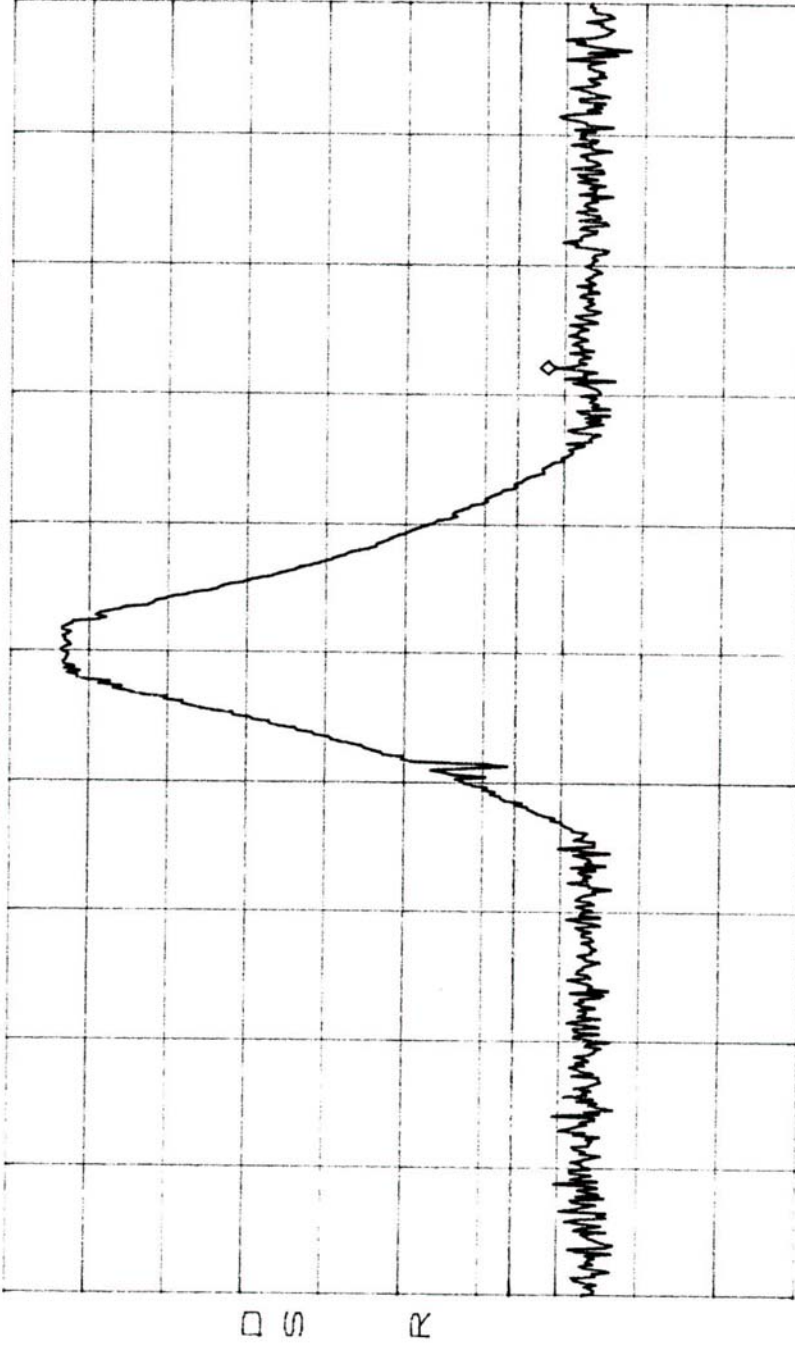
Software Defined Radio

Software Test 5

B Band - Channel 217

*ATTEN 30dB
RL 51.0dBm

MKR -17.83dBm
888.108MHz



CENTER 887.000MHz

SPAN 5.000MHz

*RBW 100kHz

VBW 100kHz

SWP 50ms

Software Defined Radio

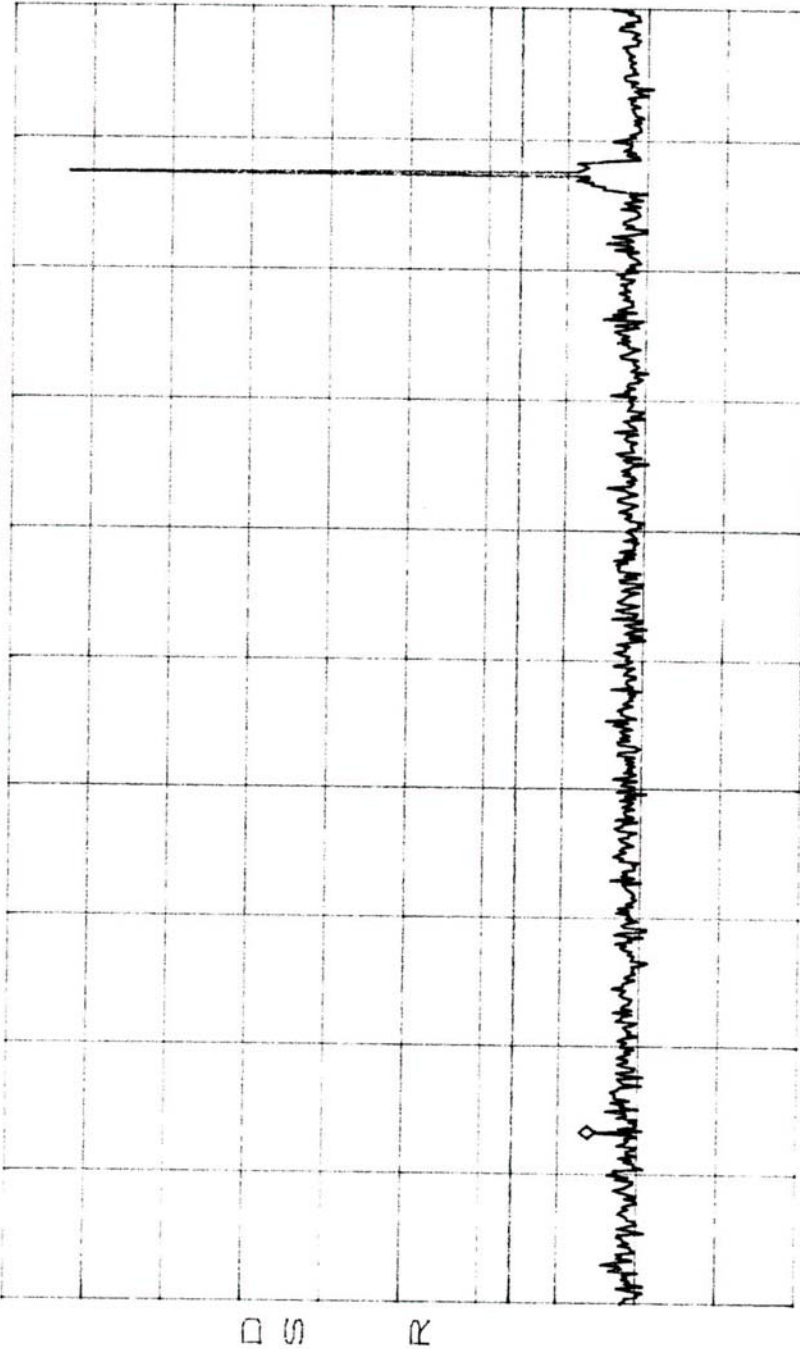
Software Test 5

B Band - Channel 217

*ATTEN 30dB
RL 51.0dBm

MKR -23.67dBm
159.3MHz

10dB/



START 30.0MHz

STOP 1.00000GHz

*RBW 100kHz

VBW 100kHz

SWP 250ms

Software Defined Radio

Software Test 5

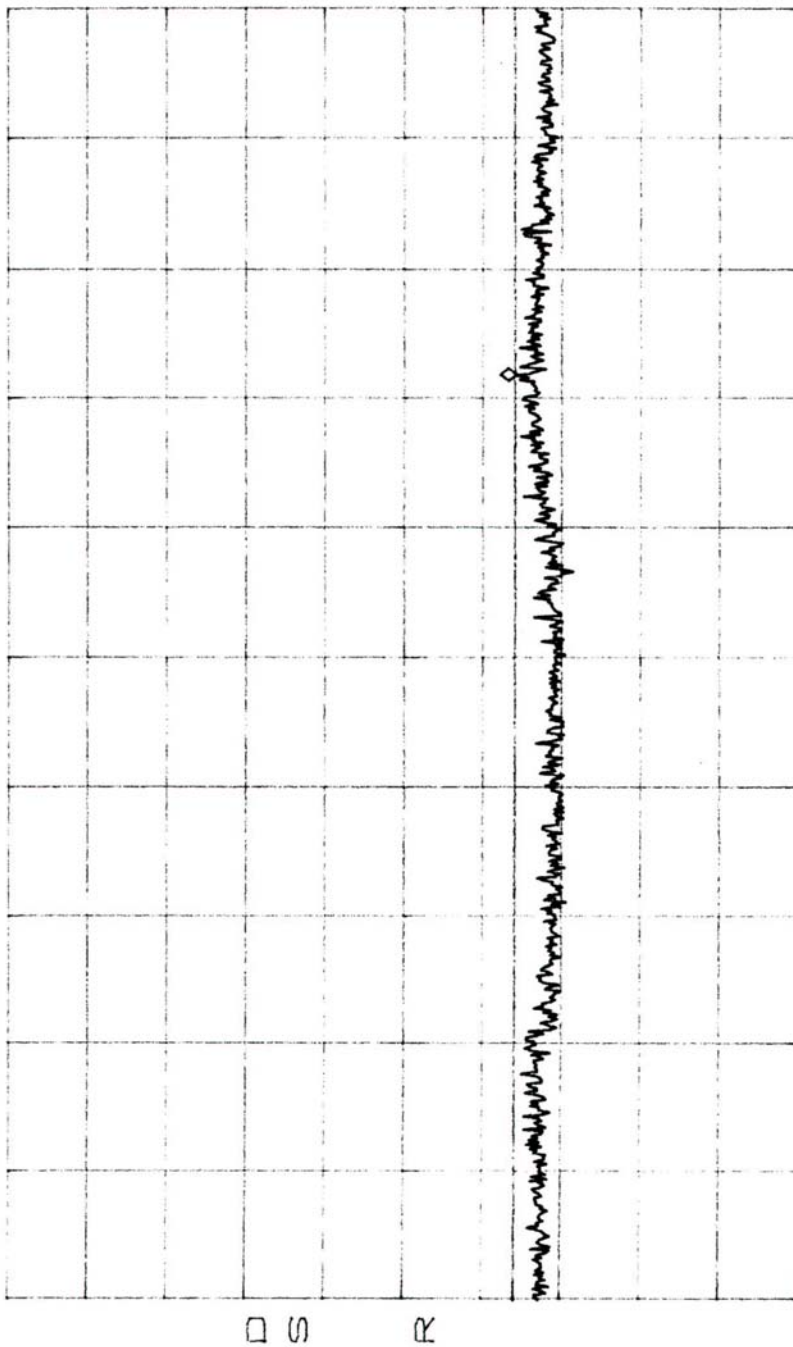
B Band - Channel 217

*ATTEN 30dB

RL 51.0dBm

MKR -13.17dBm

10dB/ 7.465GHz



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