

**Software Test 3 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 3 simulates the GSM signal created from a sequence of all zeros.

Results:

Pass (see plots)

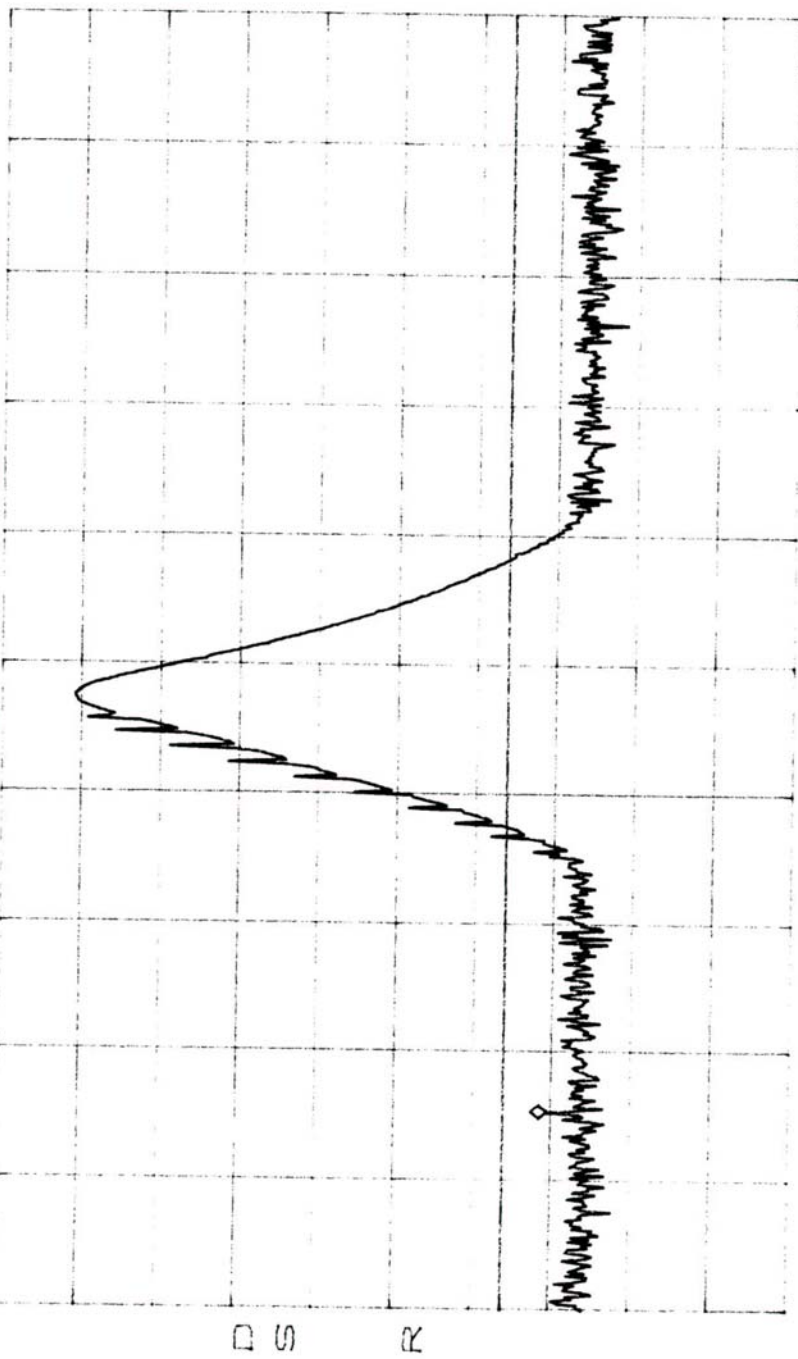
Software Defined Radio

Software Test 3

A Band - Channel 181

*ATTEN 30dB
RL 51.00dBm

MKR -18.33dBm
878.267MHz



CENTER 880.000MHz

SPAN 5.000MHz

*RBW 100kHz

VBW 100kHz

SWP 50ms

Software Defined Radio

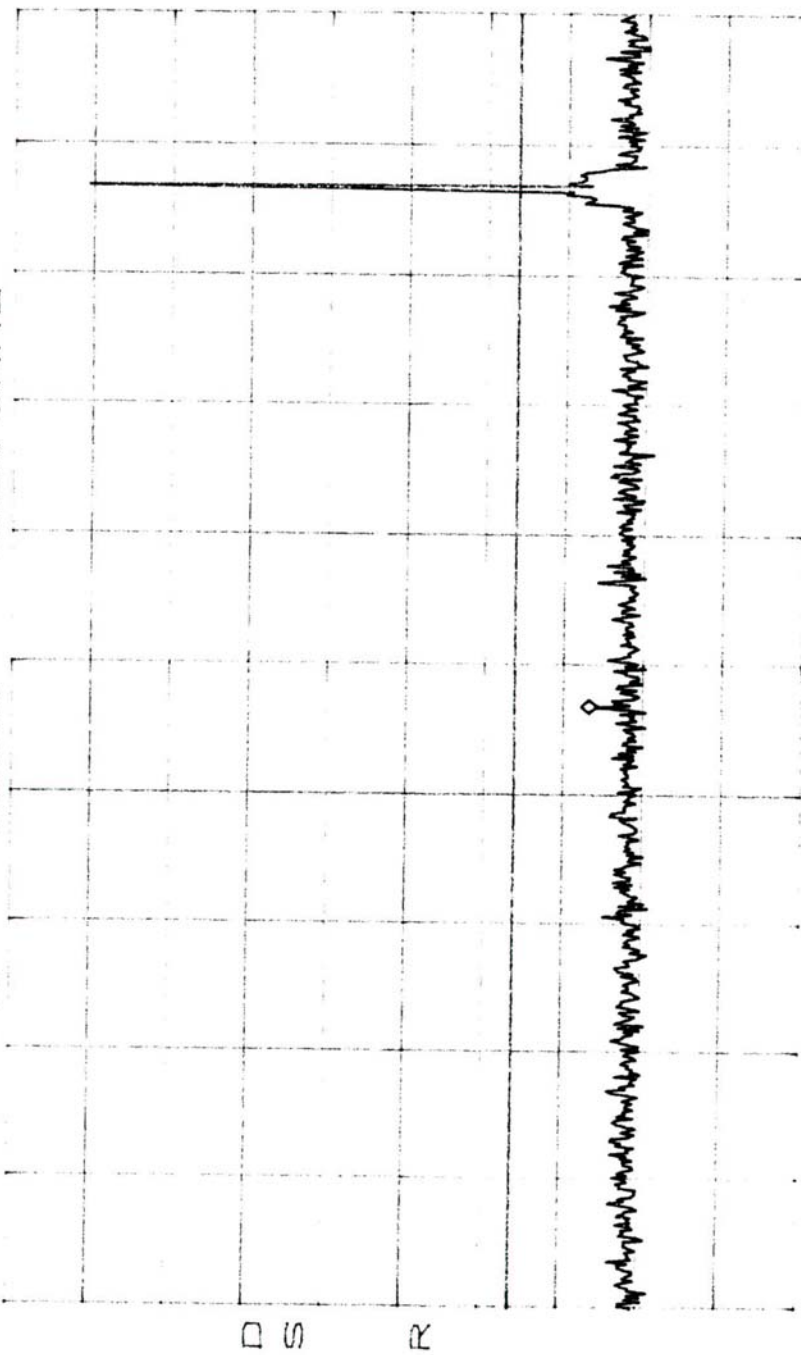
Software Test 3

A Band - Channel 181

*ATTEN 30dB
RL 51.0dBm

MKR -23.17dBm
484.3MHz

10dB/



START 90.0MHz

STOP 1.00000GHz

*RBW 100kHz

VBW 100kHz

SWP 250ms

Software Defined Radio

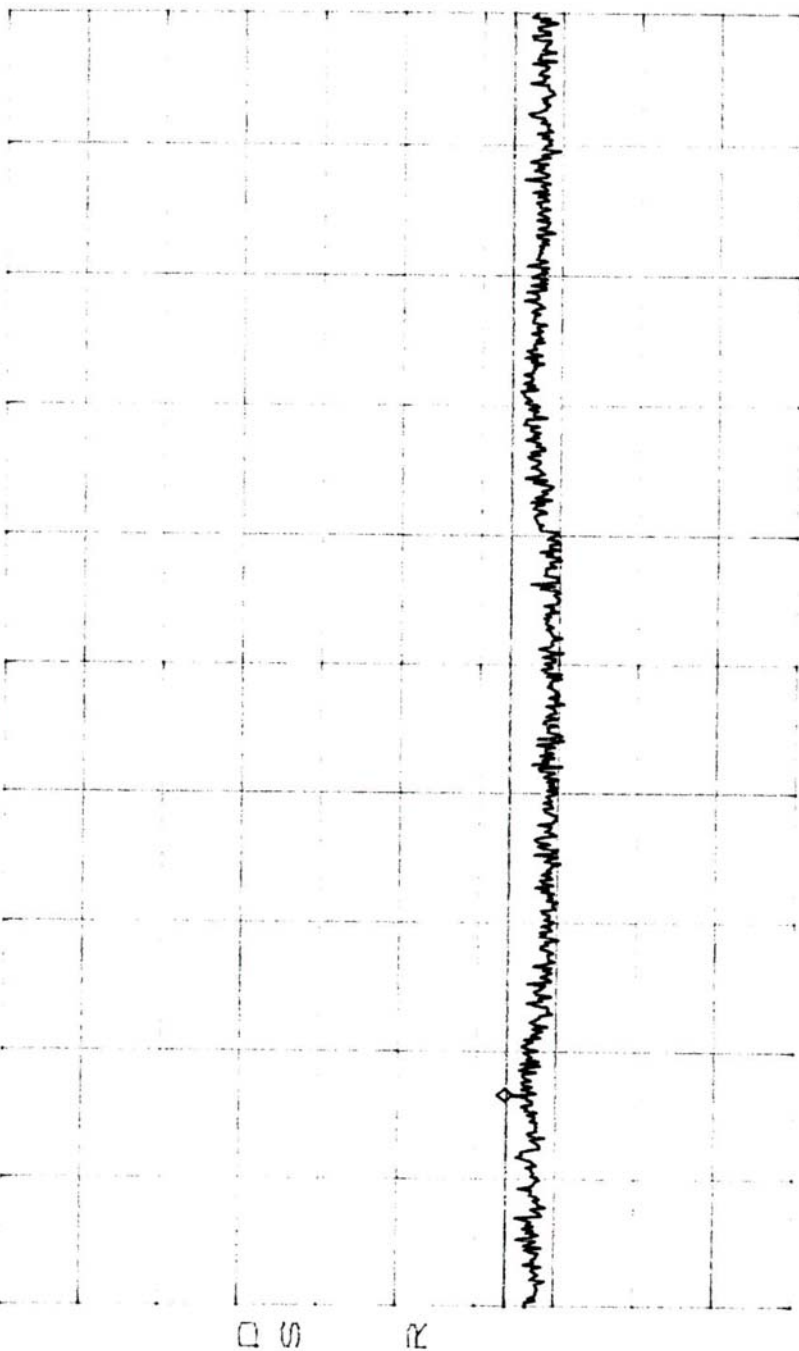
Software Test 3

A Band - Channel 181

*ATTEN 30dB
RL 51.0dBm

MKR -13.50dBm
2.500GHZ

10dB/



START 1.000GHZ

STOP 10.000GHZ

*RBW 1.0MHz

VBW 1.0MHz

SWP 180ms

Software Defined Radio

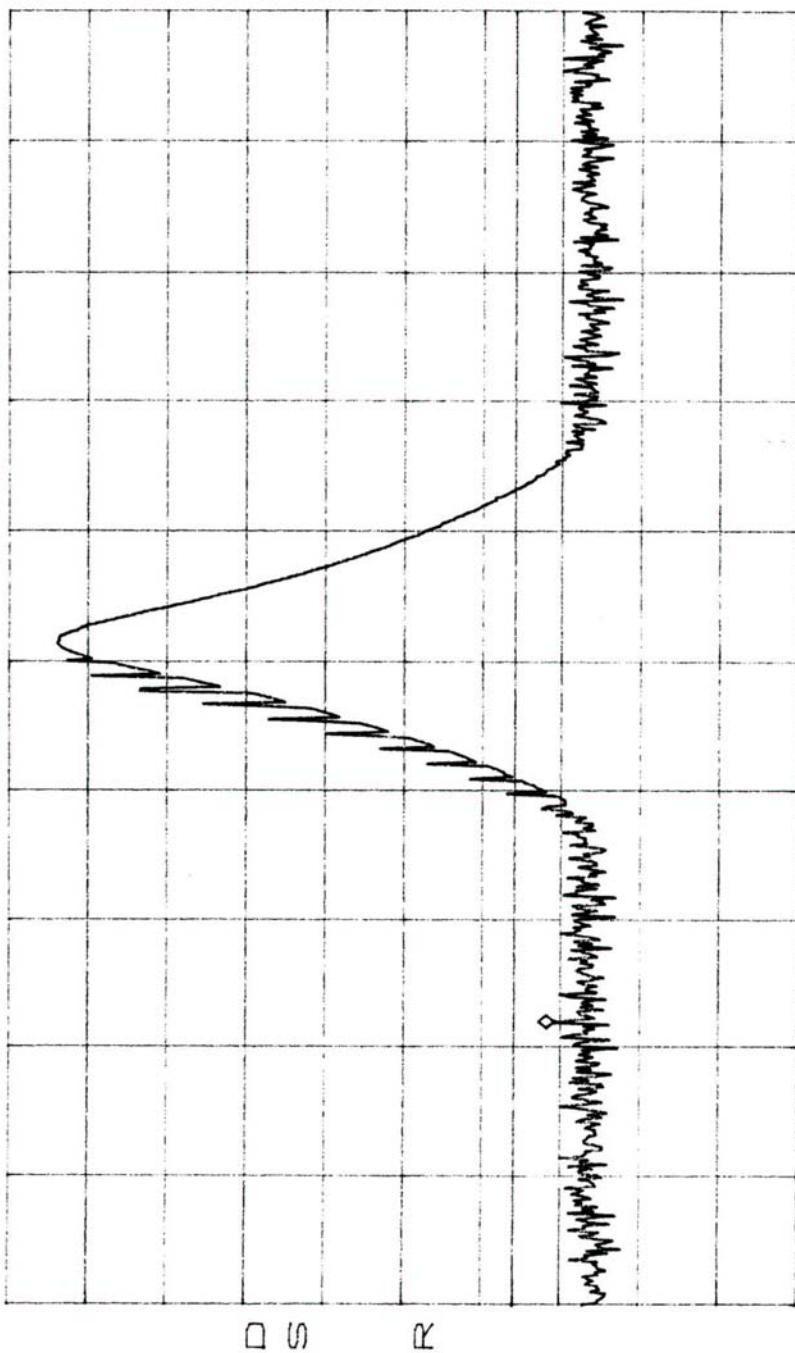
Software Test 3

B Band - Channel 217

ATTEN 30dB
RL 51.0dBm

MKR -18.17dBm
885.600MHz

10dB/



CENTER 887.000MHz

SPAN 5.000MHz

*RBW 100kHz

VBW 100kHz

SWP 50ms

Software Defined Radio

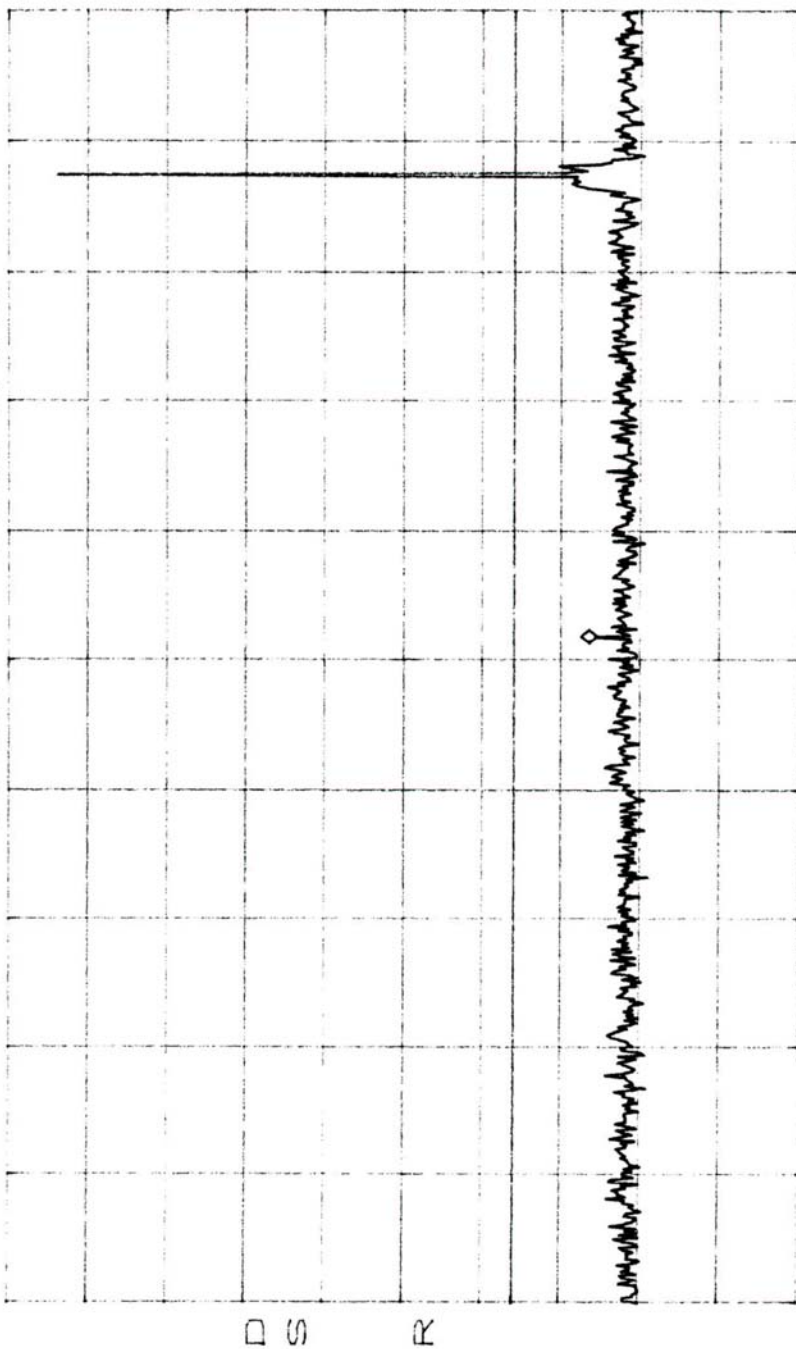
Software Test 3

B Band - Channel 217

ATTEN 30dB
RL 51.0dBm

MKR -23.50dBm
532.8MHz

10dB/



START 30.0MHz

STOP 1.0000GHz

*RBW 100kHz

VBW 100kHz

SWP 250ms

Software Defined Radio

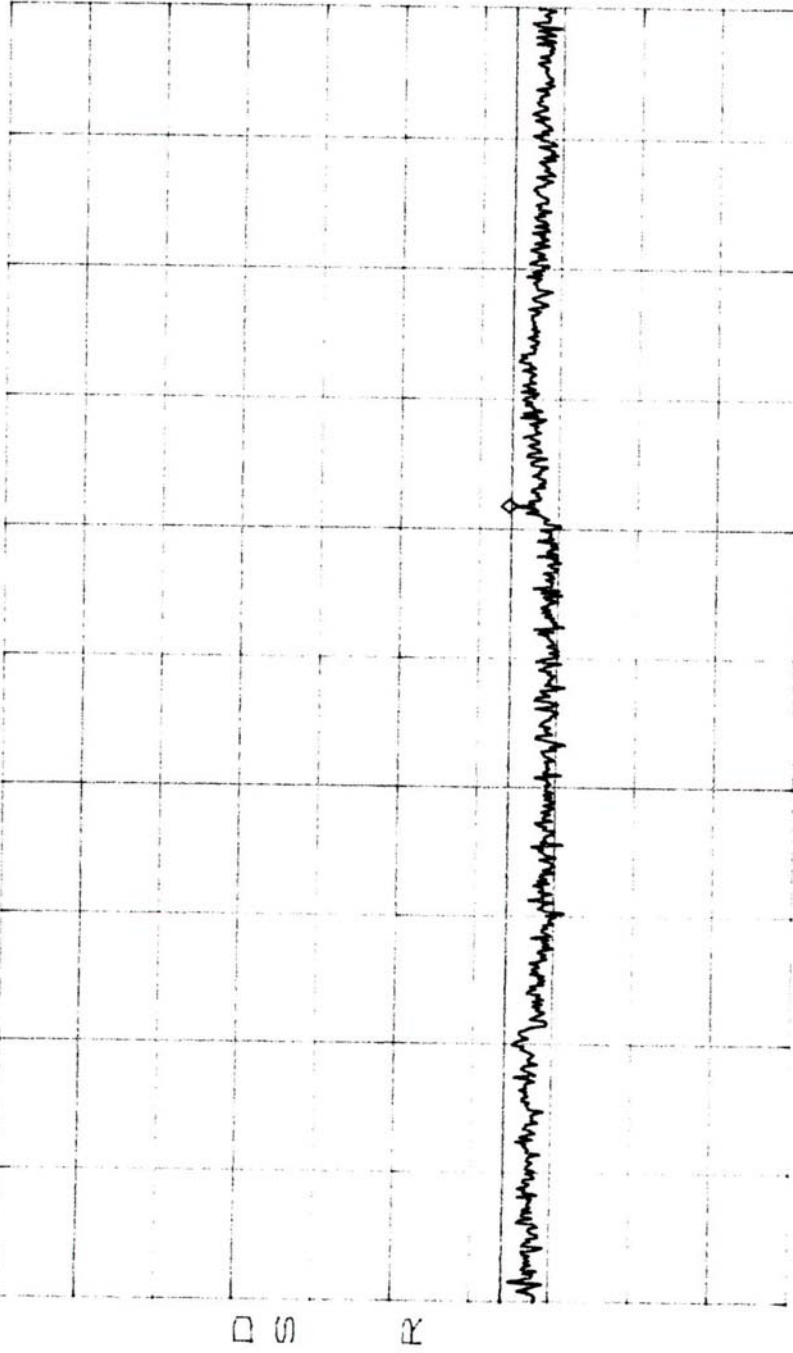
Software Test 3

B Band - Channel 217

ATTEN 30dB
RL 51.0dBm

MKR -13.67dBm
6.565GHz

10dB/



START 1.0000GHz

STOP 10.0000GHz

*RBW 1.0MHz

VBW 1.0MHz

SWP 180ms