

**Software Test 6 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 6 simulates the GSM signal created from a repeated sequence with 4 timeslots of valid traffic channel data and the remaining 4 timeslots filled with dummy bursts.

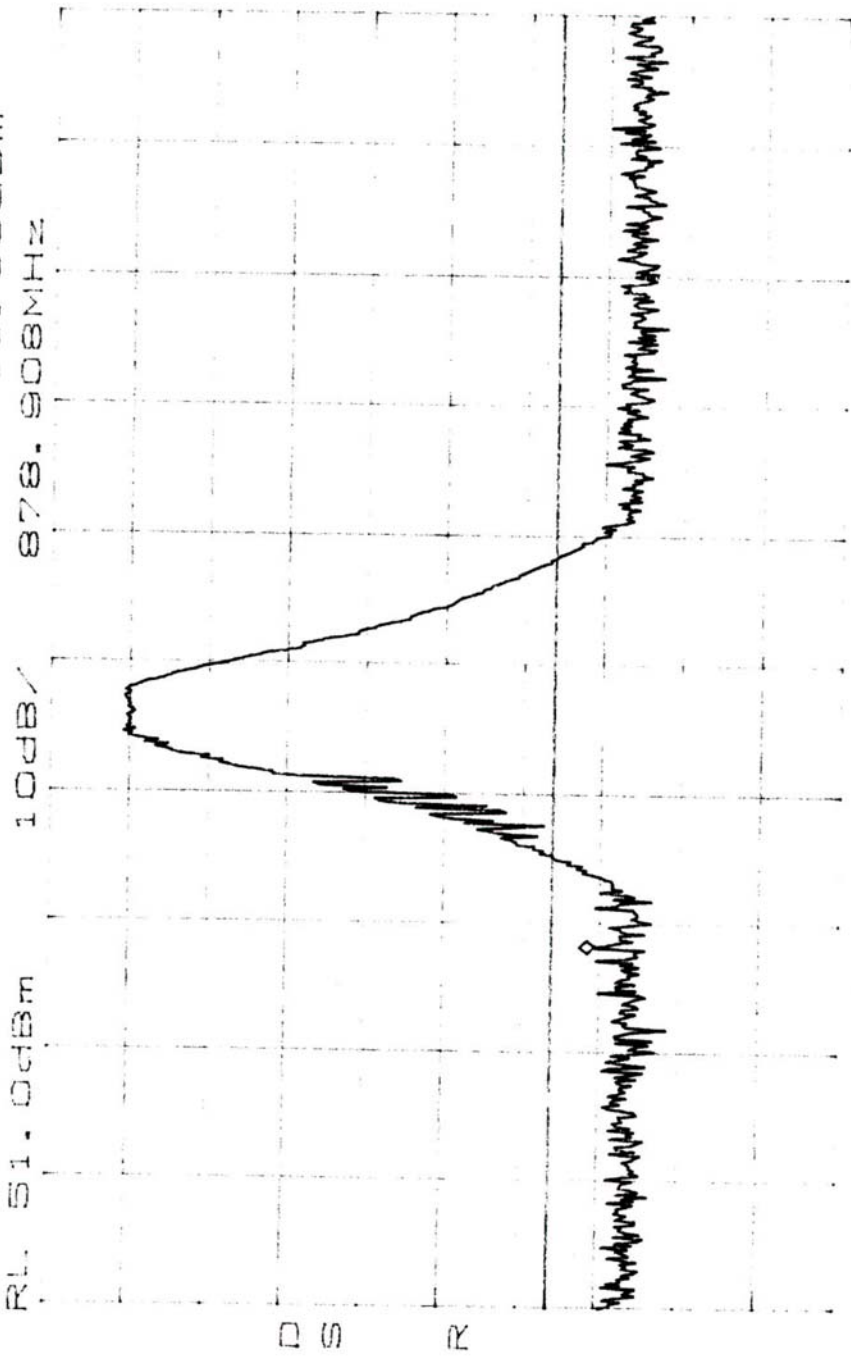
Results:

Pass (see plots)

Software Defined Radio
Software Test 6
A Band - Channel 181

* ATTEN 30dB
RL 51.00dB

NR -18.33dBm
878.900MHz



SPAN 5.000MHz
SWP 5000

CENTER 880.000MHz
VBW 100kHz

* RBW 100kHz

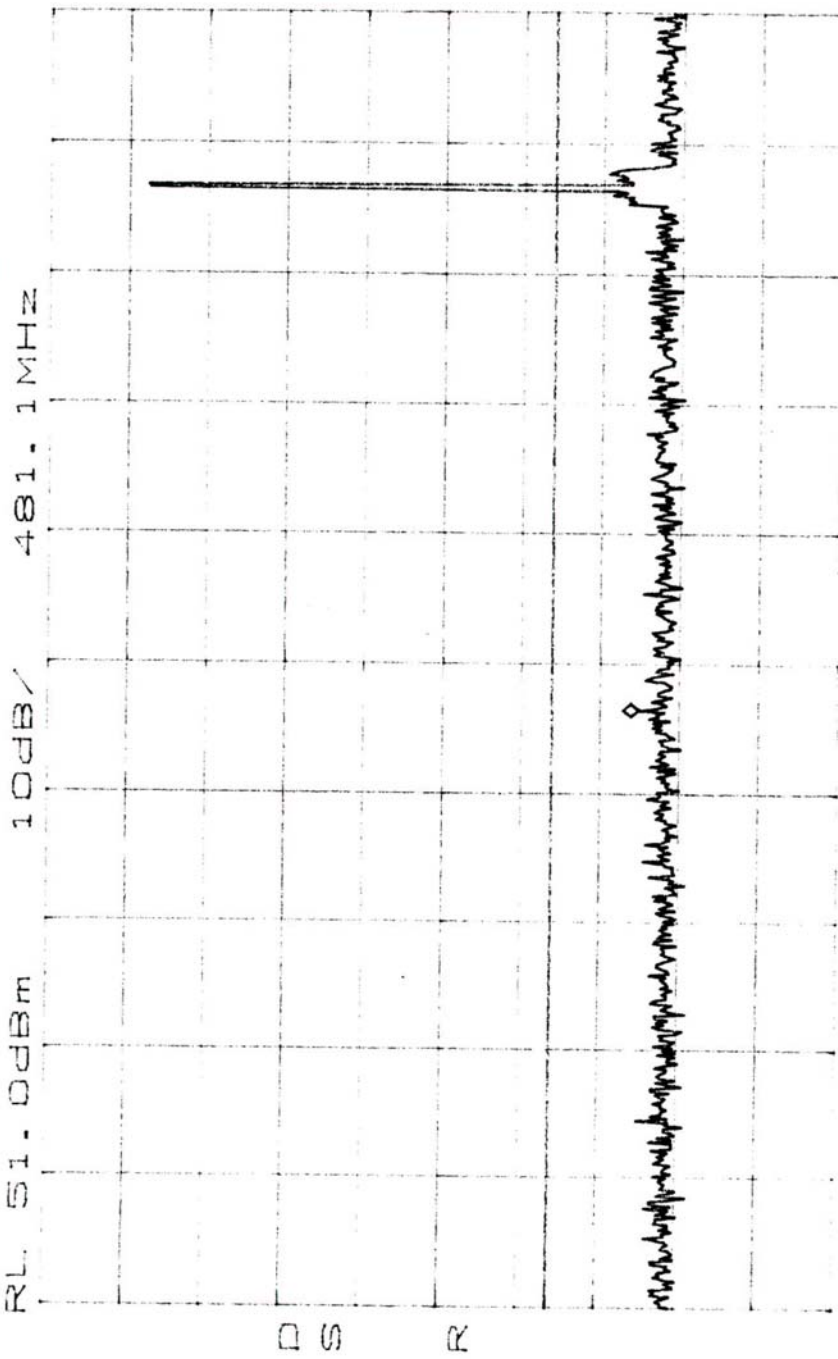
Software Defined Radio

Software Test 6

A Band - Channel 181

*ATTEN 30dB
RL 51.0dBm

MKR -23.83dBm
481.1MHz



START 30.0MHz

STOP 1.00000GHz

*RBW 100kHz

VBW 100kHz

SWP 250ms

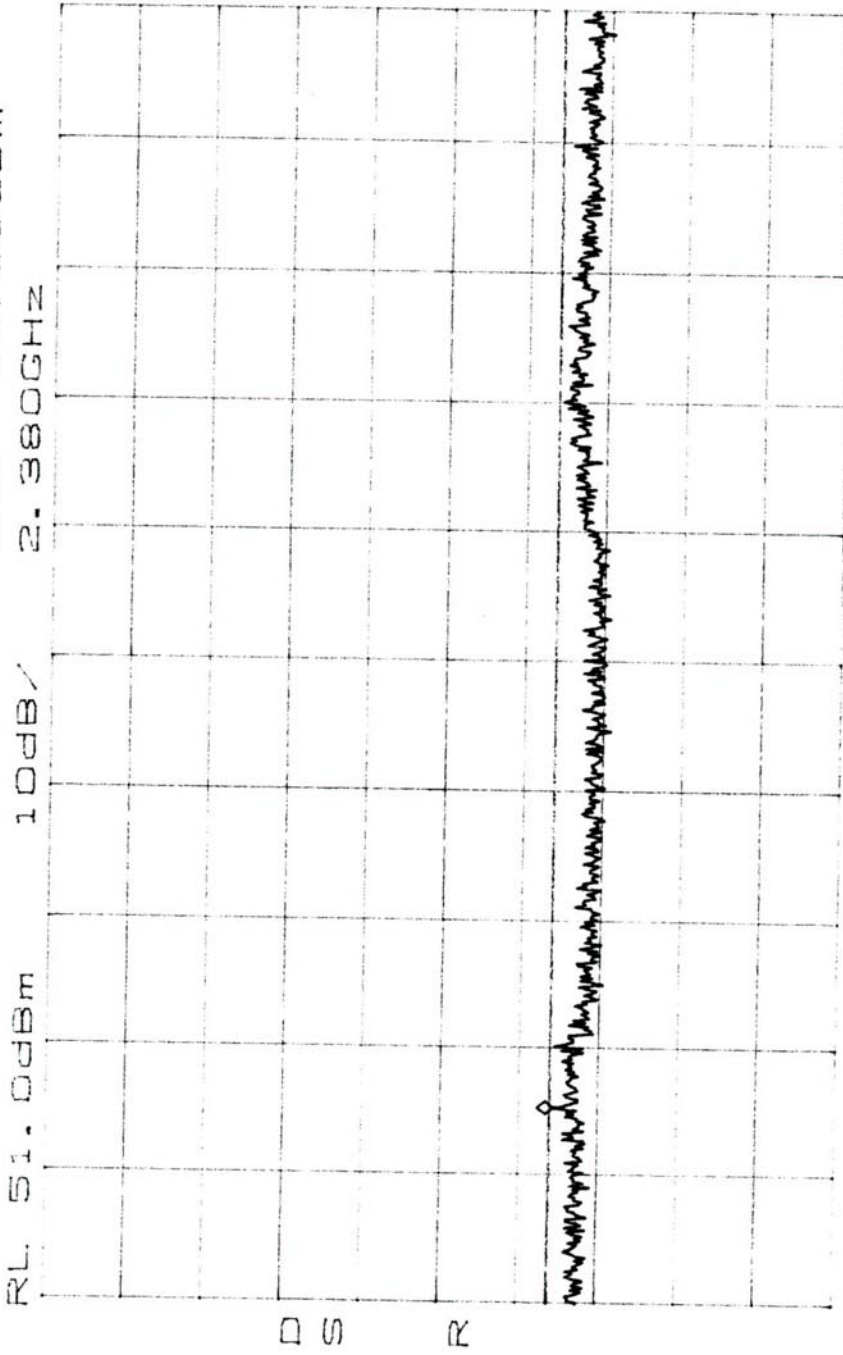
Software Defined Radio

Software Test 6

A Band - Channel 181

*ATTEN 30dB
RL 51.0dBm

MKR -13.33dBm
2.3800GHz



START 1.0000GHz

STOP 10.0000GHz

*RBW 1.0MHz

VBW 1.0MHz

SWP 180ms

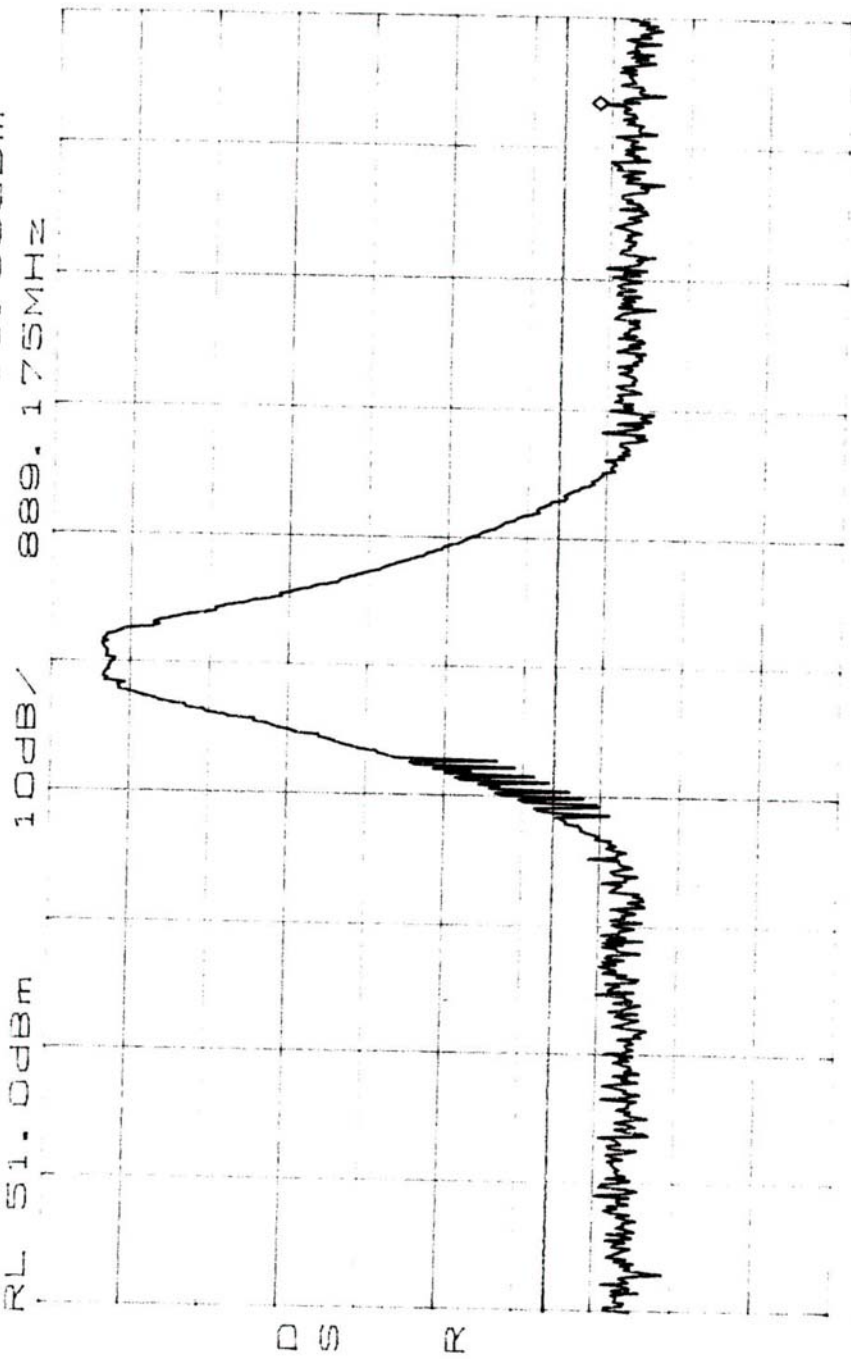
Software Defined Radio

Software Test 6

B Band - Channel 217

*ATTEN 30dB
RL 51.0dBm

MKR -18.33dBm
889.175MHz



CENTER 887.000MHz

*RBW 100kHz

VBW 100kHz

SPAN 5.000MHz

SWP 50ms

Software Defined Radio

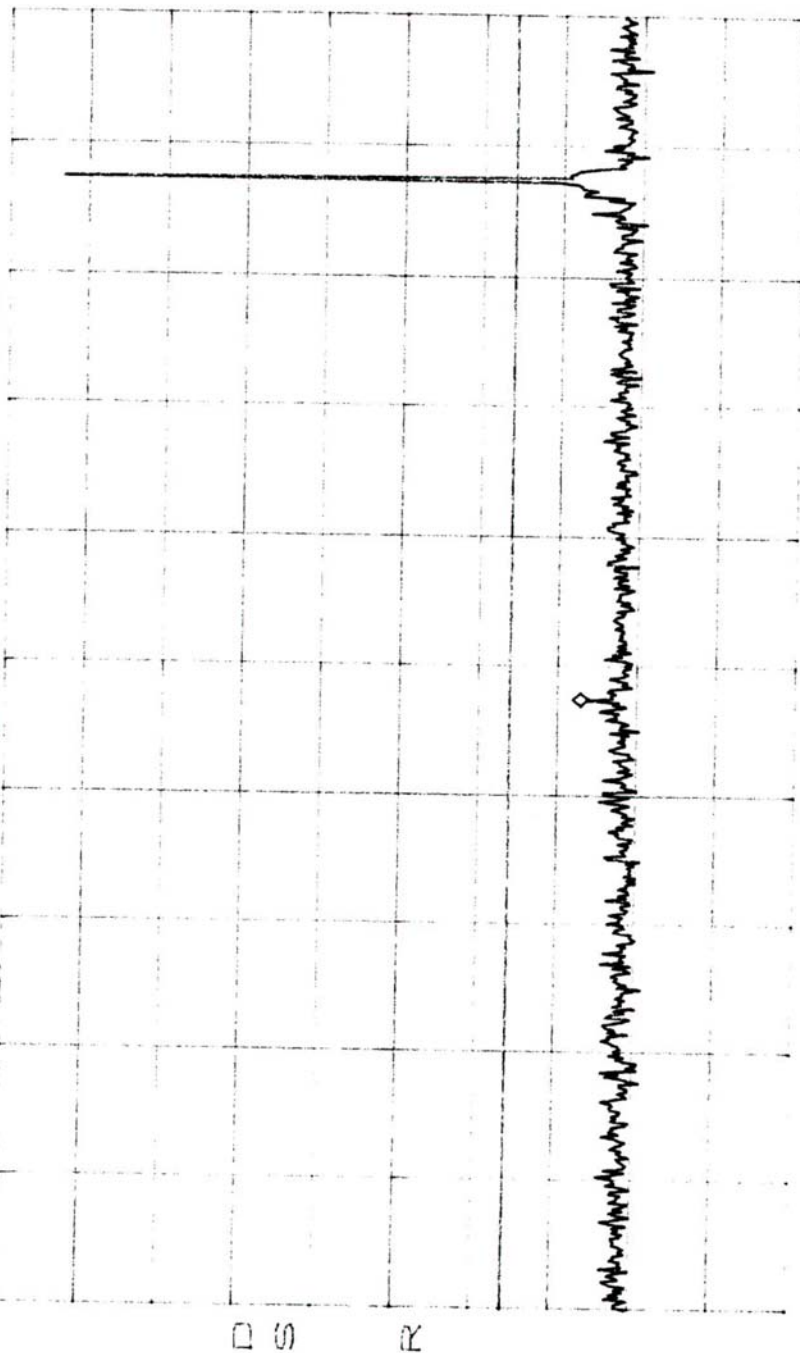
Software Test 6

B Band - Channel 217

*ATTEN 30dB
RL 51.0dBm

MKR -22.833dBm
490.8MHz

10dB/



START 30.0MHz

STOP 1.00000GHz

*RBW 100kHz

VBW 100kHz

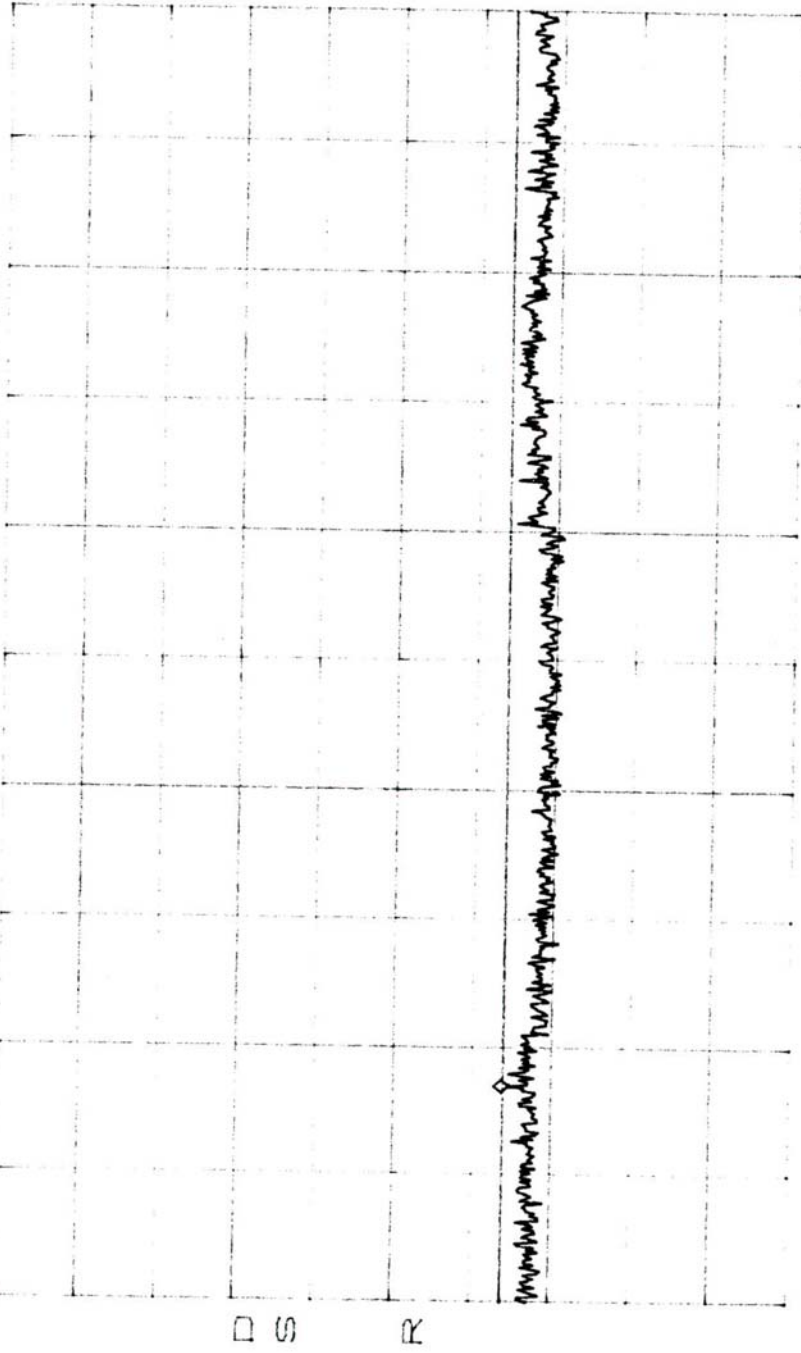
SWP 250ms

Software Defined Radio
Software Test 6
B Band - Channel 217

*ATTEN 30dB
RL 51.0dBm

NR -13.50dBm
2.530GHz

10dB/



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