

**Software Test 4 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 4 simulates the GSM signal created from a repeated sequence of 8 bursts of valid traffic channel data followed by 8 bursts of all zeros.

Results:

Pass (see plots)

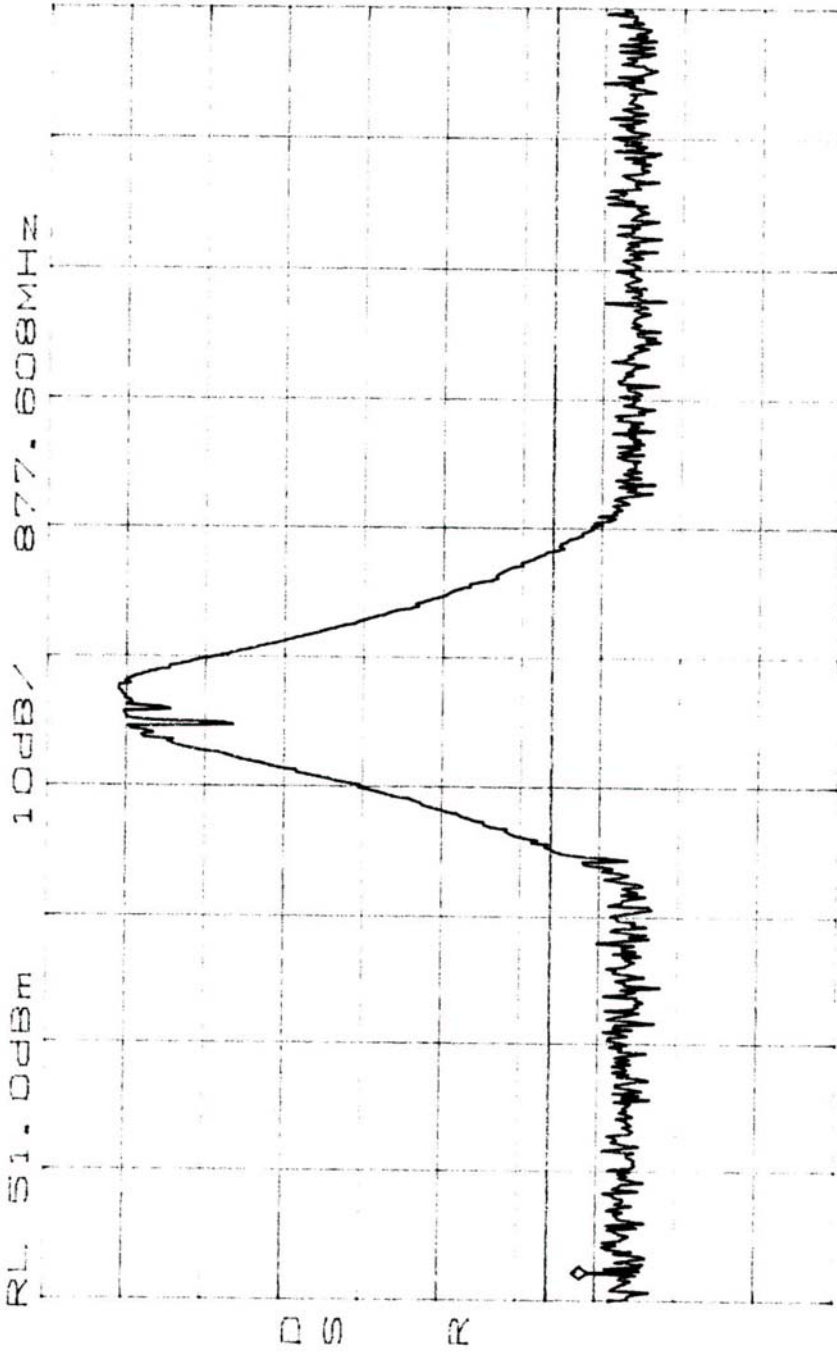
Software Defined Radio

Software Test 4

A Band - Channel 181

* ATTN 30dB
RL 51.00dB

MKR -18.0000MHz
877.6000MHz



CENTER 880.0000MHz
* RBW 100kHz VBW 100kHz SPAN 5.0000MHz SWP 50ms

Software Defined Radio

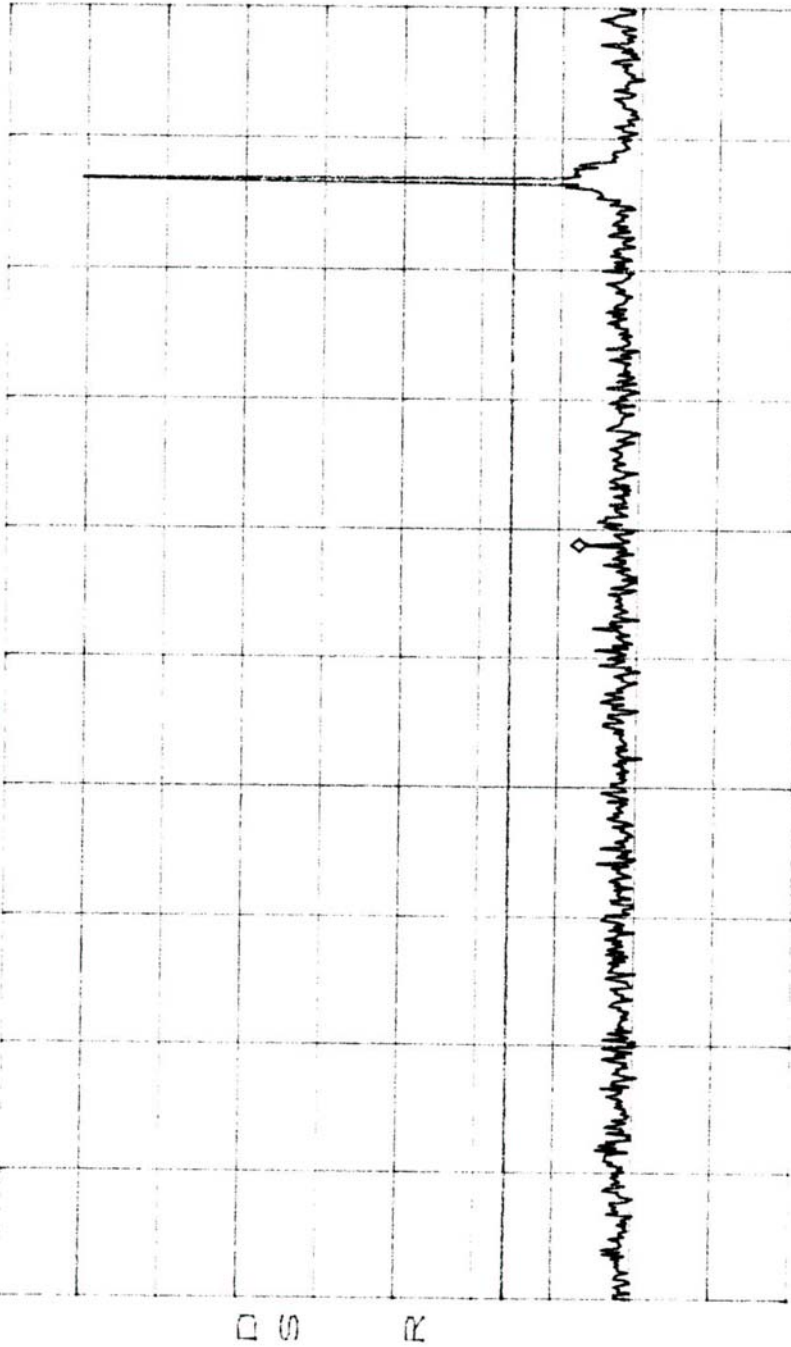
Software Test 4

A Band - Channel 181

*ATTEN 30dB
RL 51.0dBm

MKR -22.50dBm
600.7MHz

10dB/



START 30.0MHz

STOP 1.0000GHz

*RBW 100kHz

VBW 100kHz

SWP 250ms

Software Defined Radio

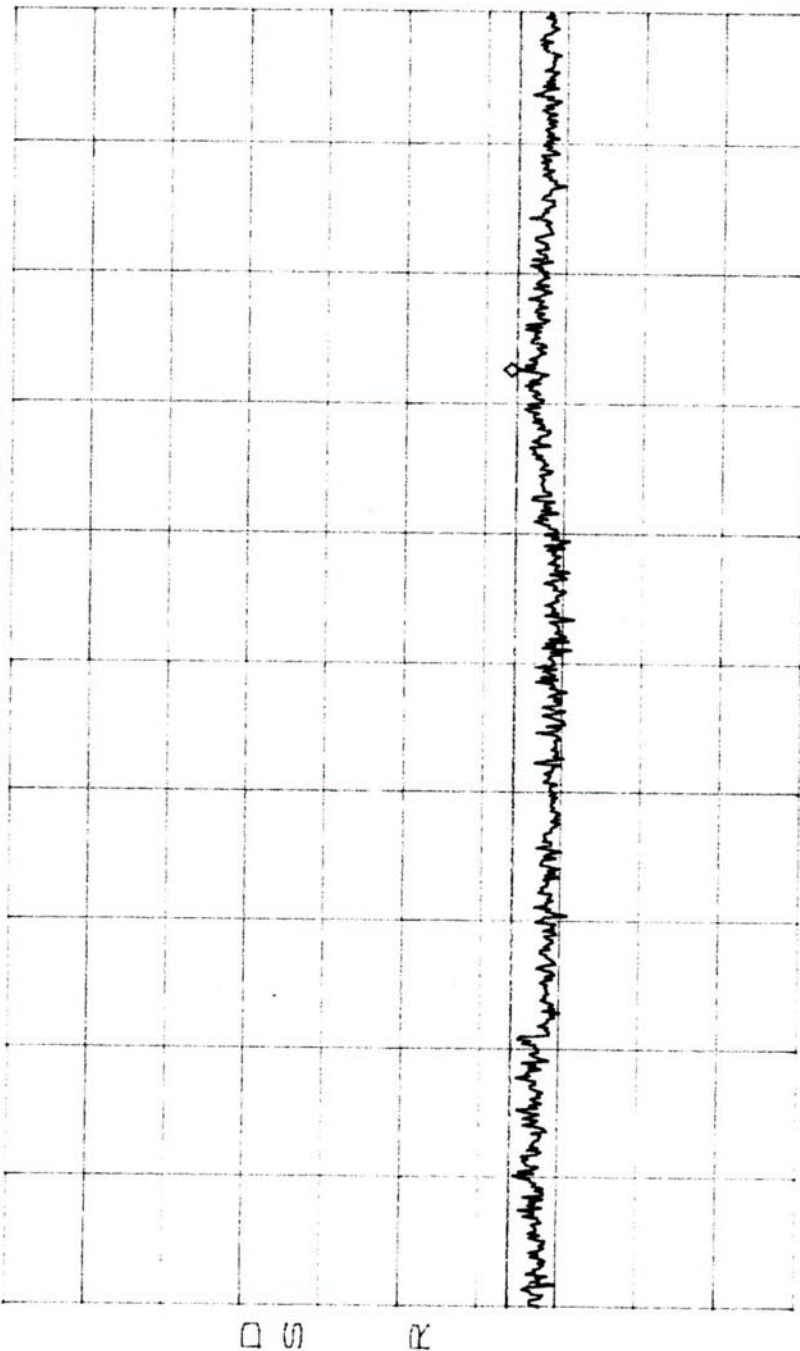
Software Test 4

A Band - Channel 181

*ATTEN 30dB
RL 51.0dBm

MKR -13.17dBm
7.5400GHz

10dB/



START 1.0000GHz

STOP 10.0000GHz

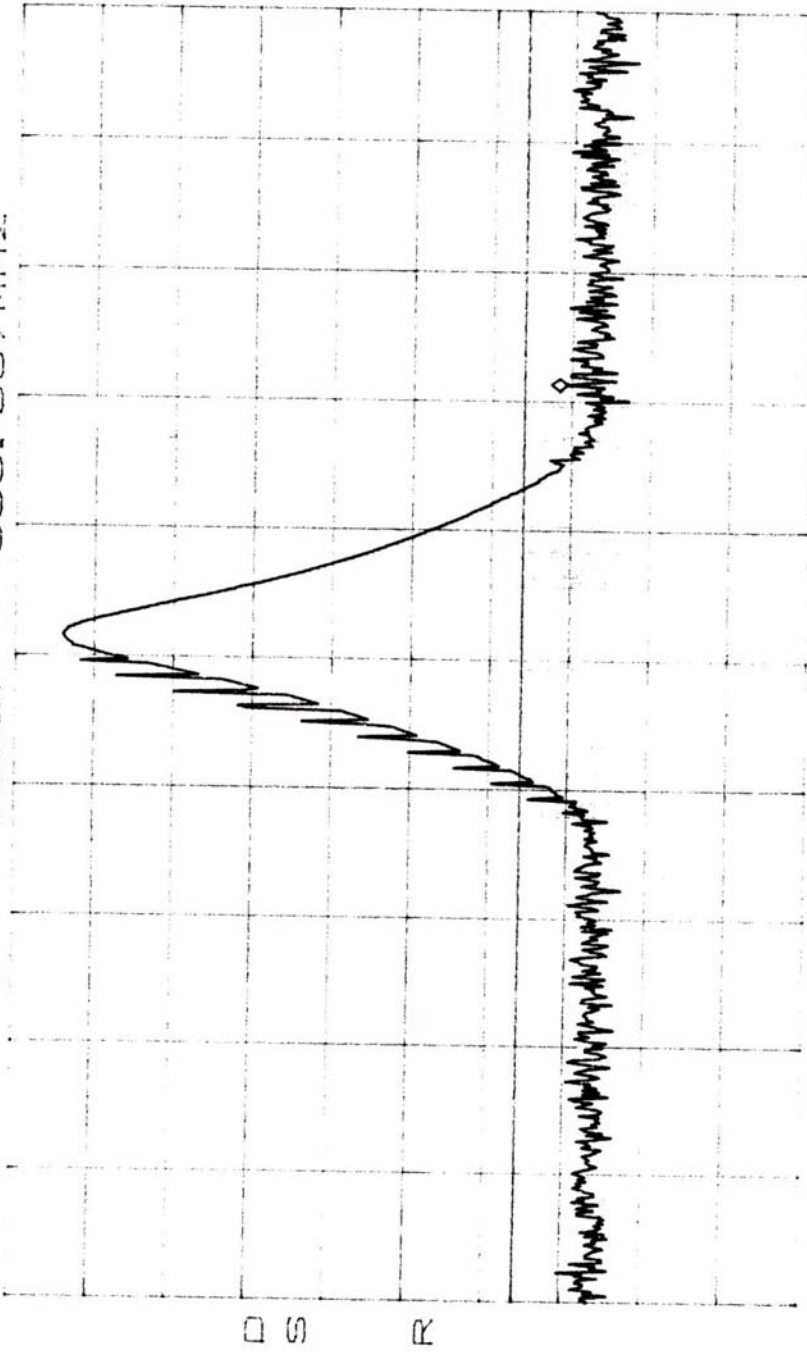
*RBW 1.0MHz

VBW 1.0MHz

SWP 180ms

E
M
U
M
M
N
I
Σ
Π
Ω
Λ
X
Σ

N
I
Σ
Π
O
.
ω
ω
ω
ω



SPAN 5.000MHN
SWP 50ms

Software Defined Radio

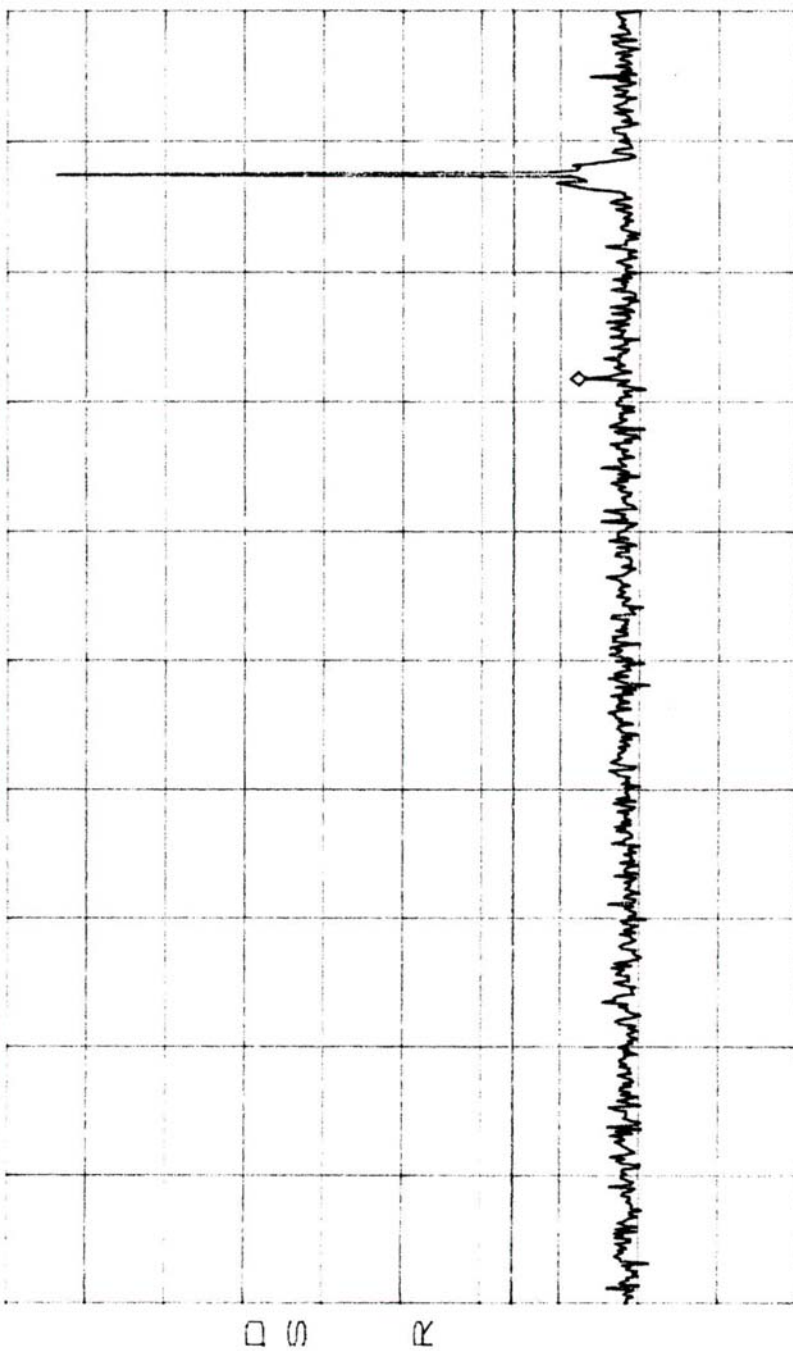
Software Test 4

B Band - Channel 217

ATTEN 30dB
RL 51.0dBm

MKR -22.17dBm
726.8MHz

10dB/



START 30.0MHz

STOP 1.0000GHz

*RBW 100kHz

VBW 100kHz

SWP 250ms

Software Defined Radio

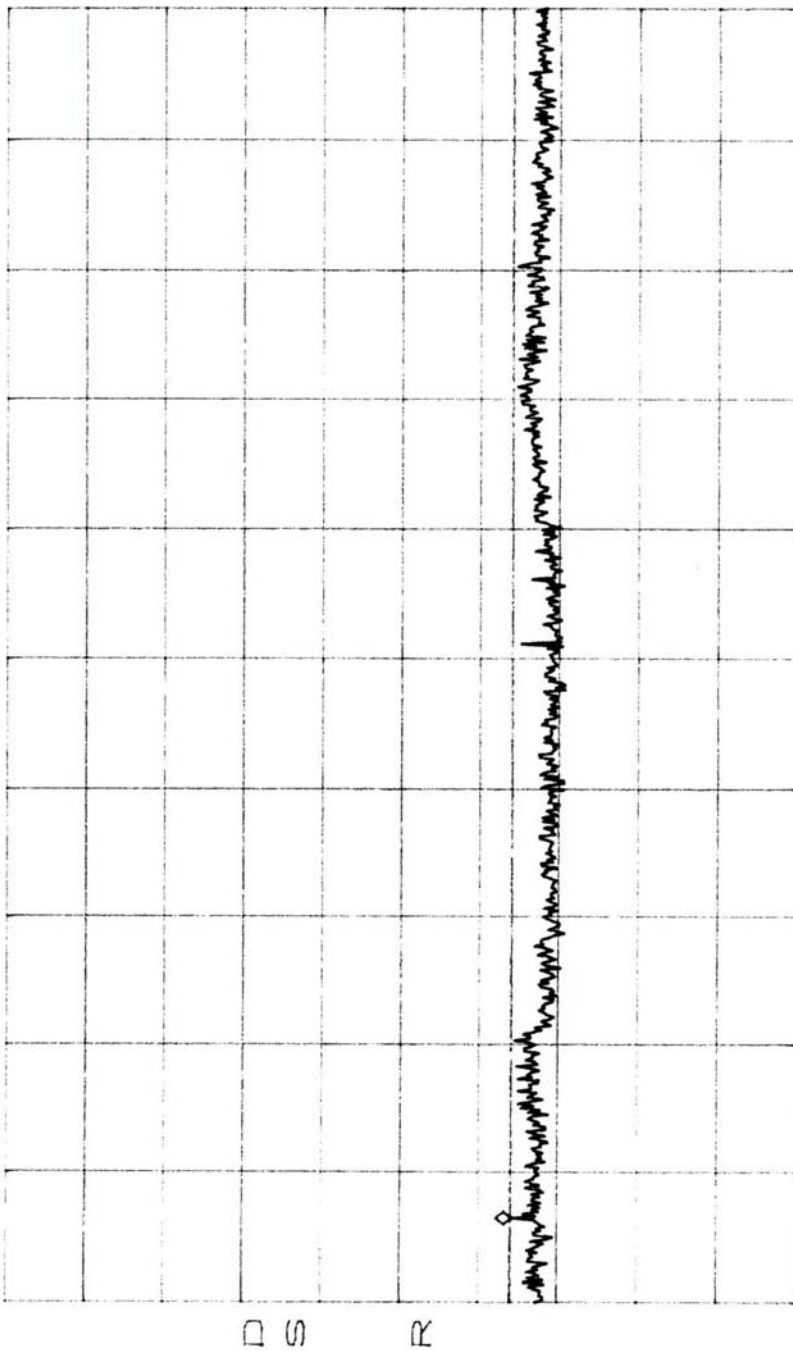
Software Test 4

B Band - Channel 217

ATTEN 30dB
RL 51.0dBm

MKR -13.17dBm
1.585GHz

10dB/



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