

**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 10<sup>th</sup> 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

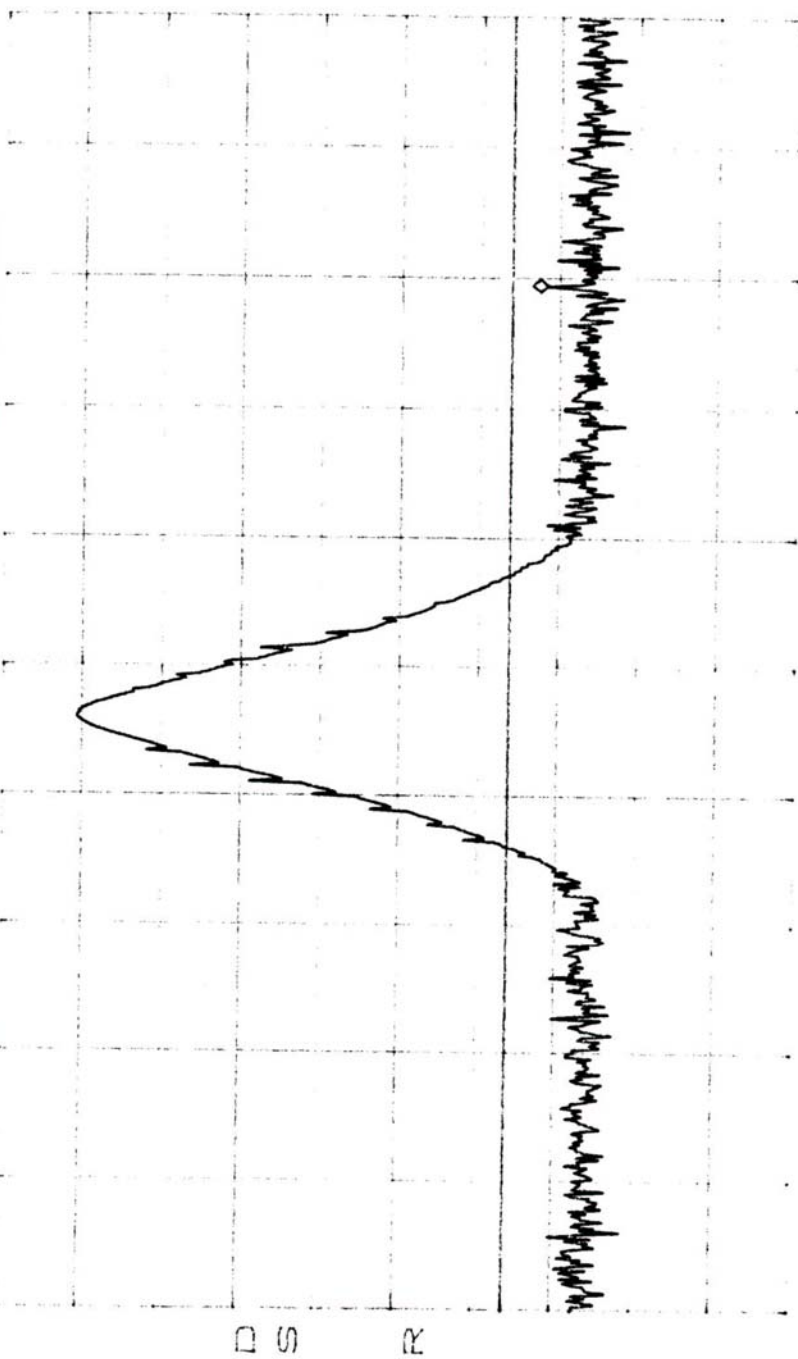
Software Test 8

A Band - Channel 181

\* ATTEN 30DB  
REL 51.0DBE

NIKR 117.330MHz  
881.475MHz

10dB



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

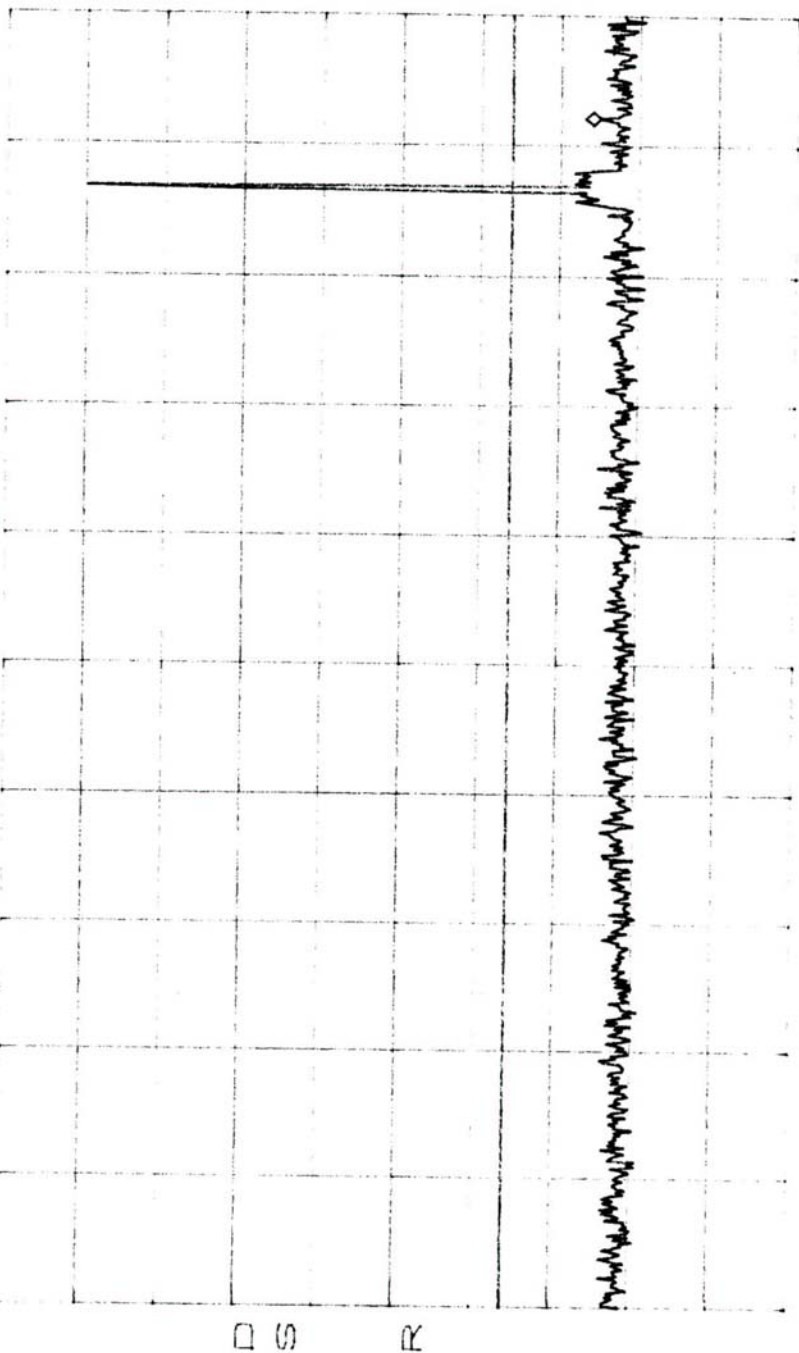
Software Defined Radio

Software Test 8

A Band - Channel 181

\*ATTEN 30dB  
RL 51.0dBm

MKR -24.00dBm  
924.0MHz



START 30.0MHz

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

Software Defined Radio

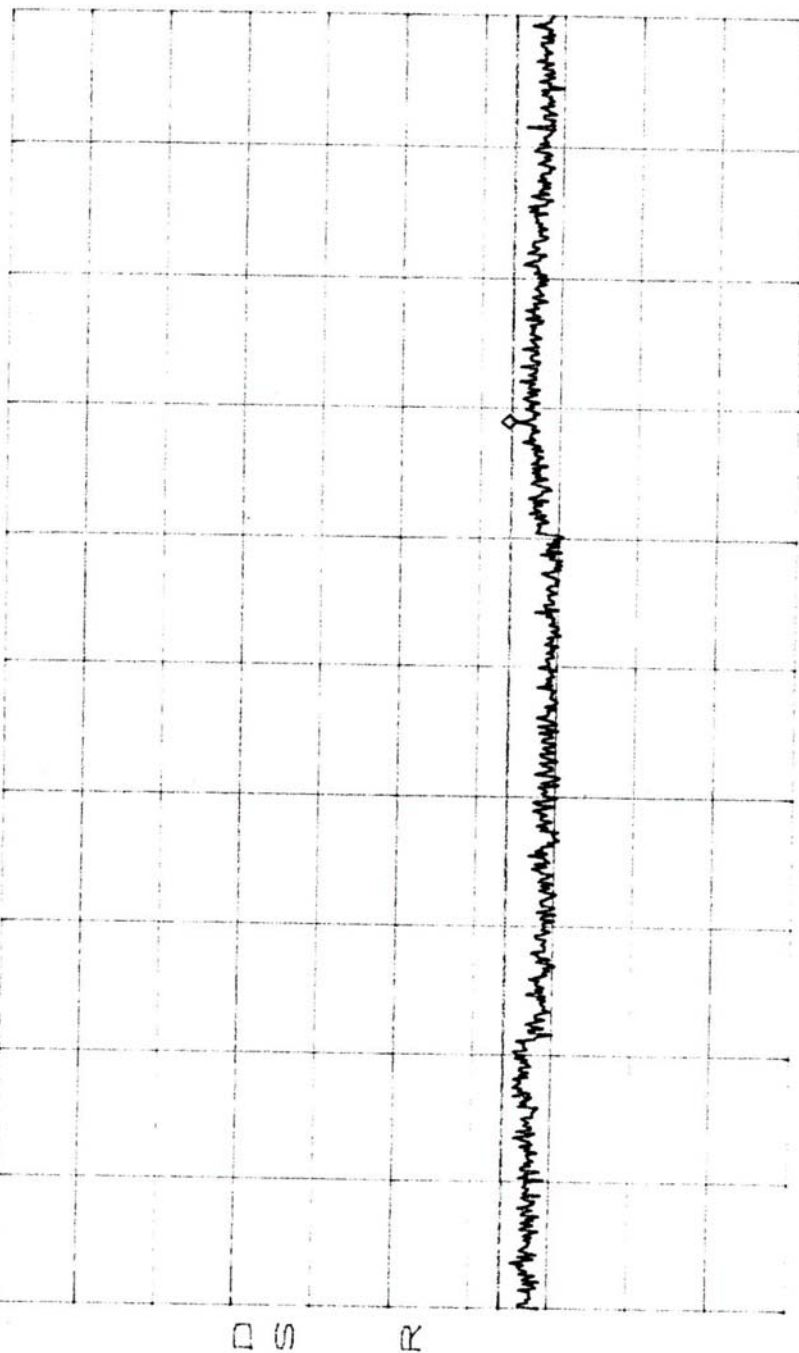
Software Test 8

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

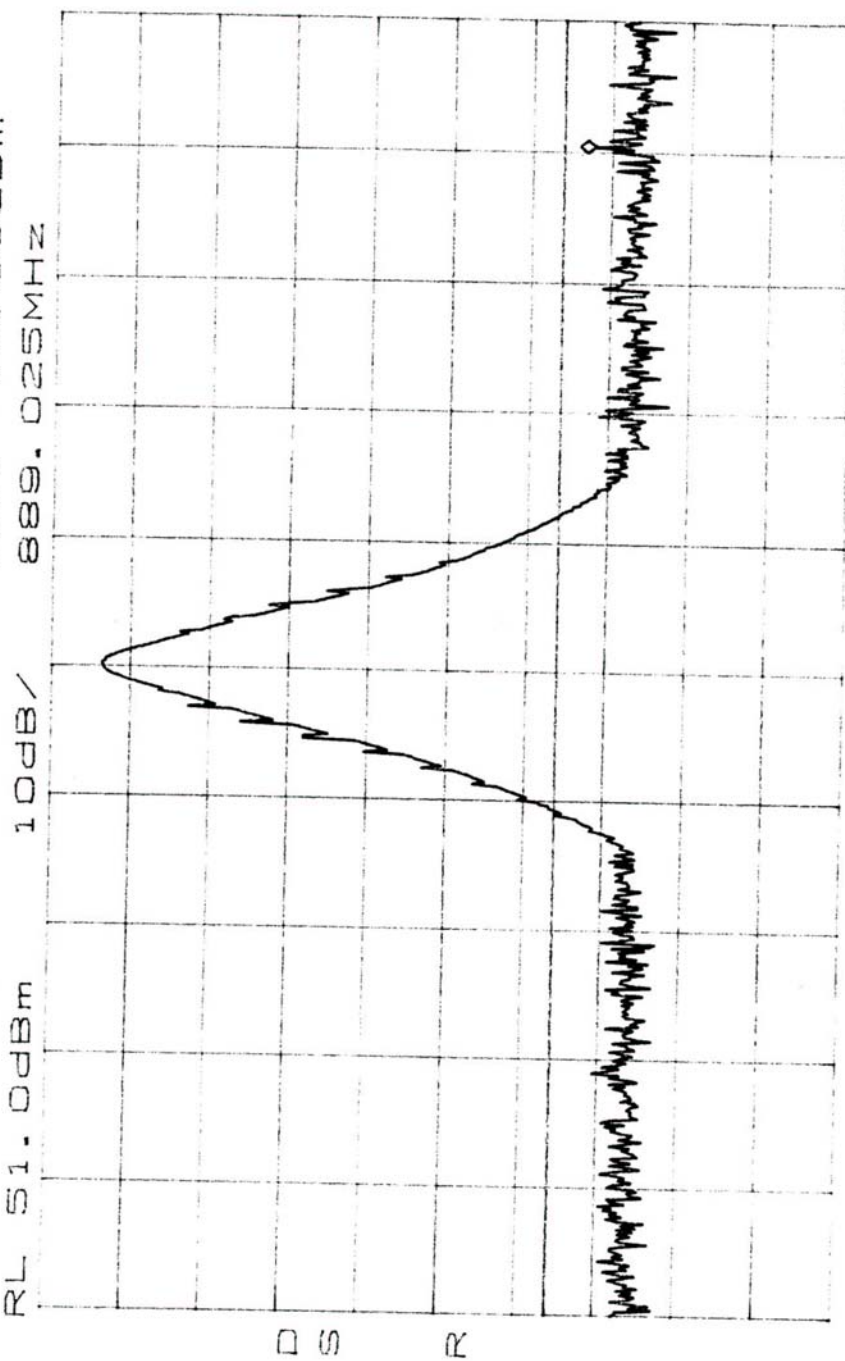
Software Defined Radio

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

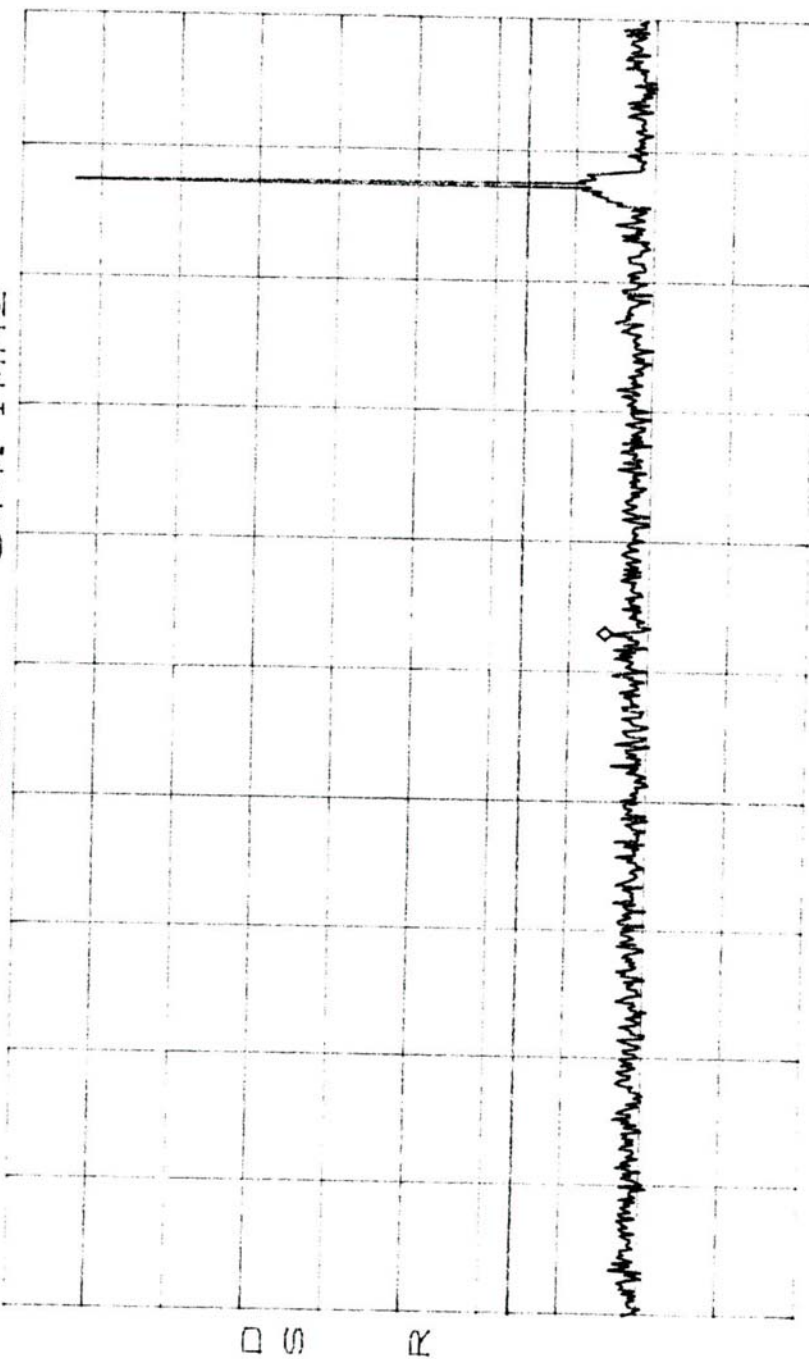
Software Test 8

B Band - Channel 217

\*ATTEN 30dB  
RL 51.00dBm

MKR -24.50dBm  
544.1MHz

10dB/



START 30.0MHz

STOP 1.000000GHz

\*RBW 100KHz

VBW 100KHz

SWP 250ms

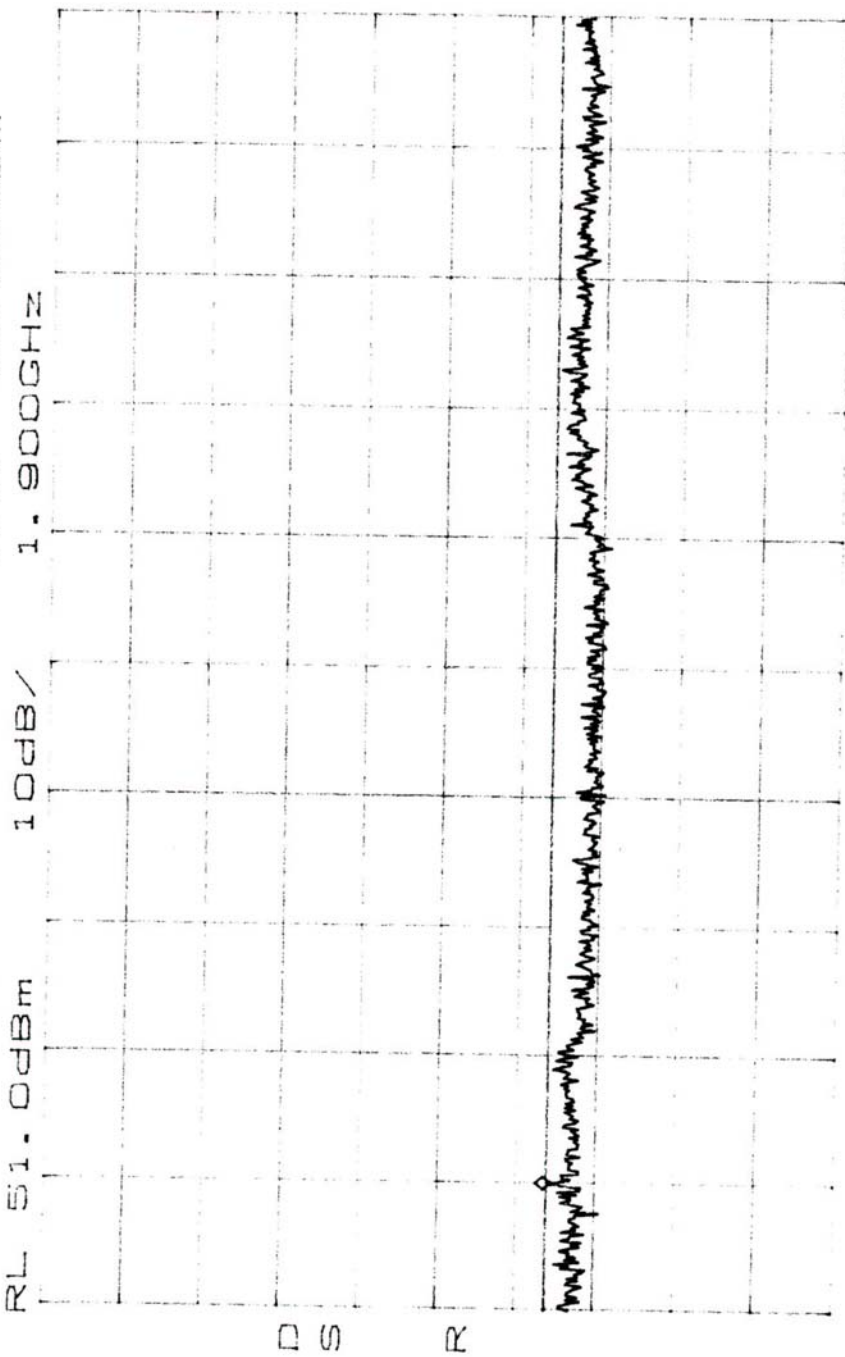
Software Defined Radio

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