

**Software Test 6 for  
Digivance 800 MHz 50-Watt SDR System  
Model Numbers DGV5-112710SYS and DGV5-122710SYS**

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 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.

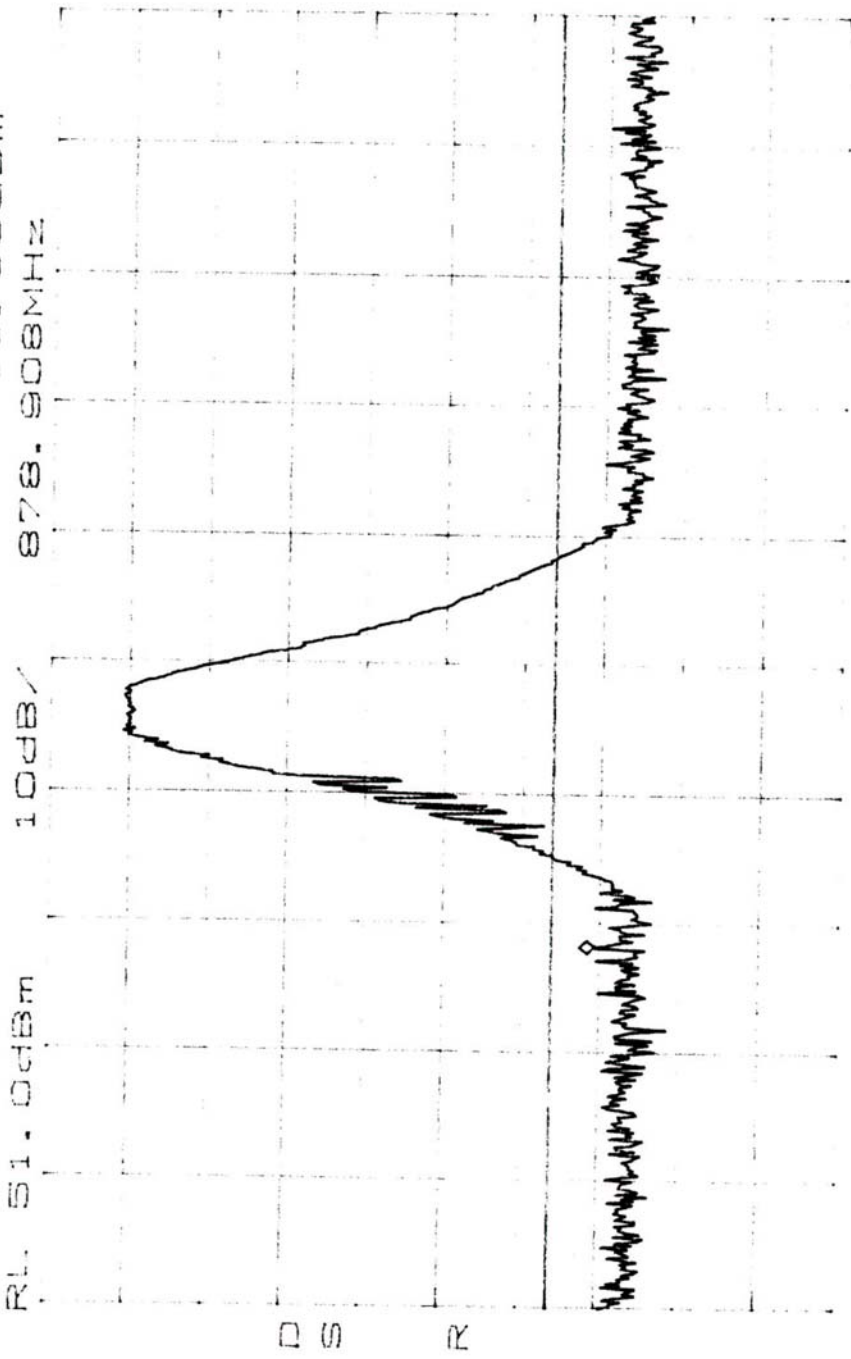
**Results:**

Pass (see plots)

Software Defined Radio  
Software Test 6  
A Band - Channel 181

\* ATTEN 30dB  
RL 51.00dB

NR -18.33dBm  
878.900MHz



CENTER 880.000MHz  
RBW 100kHz VBW 100kHz  
SPAN 5.000MHz SWP 50dB

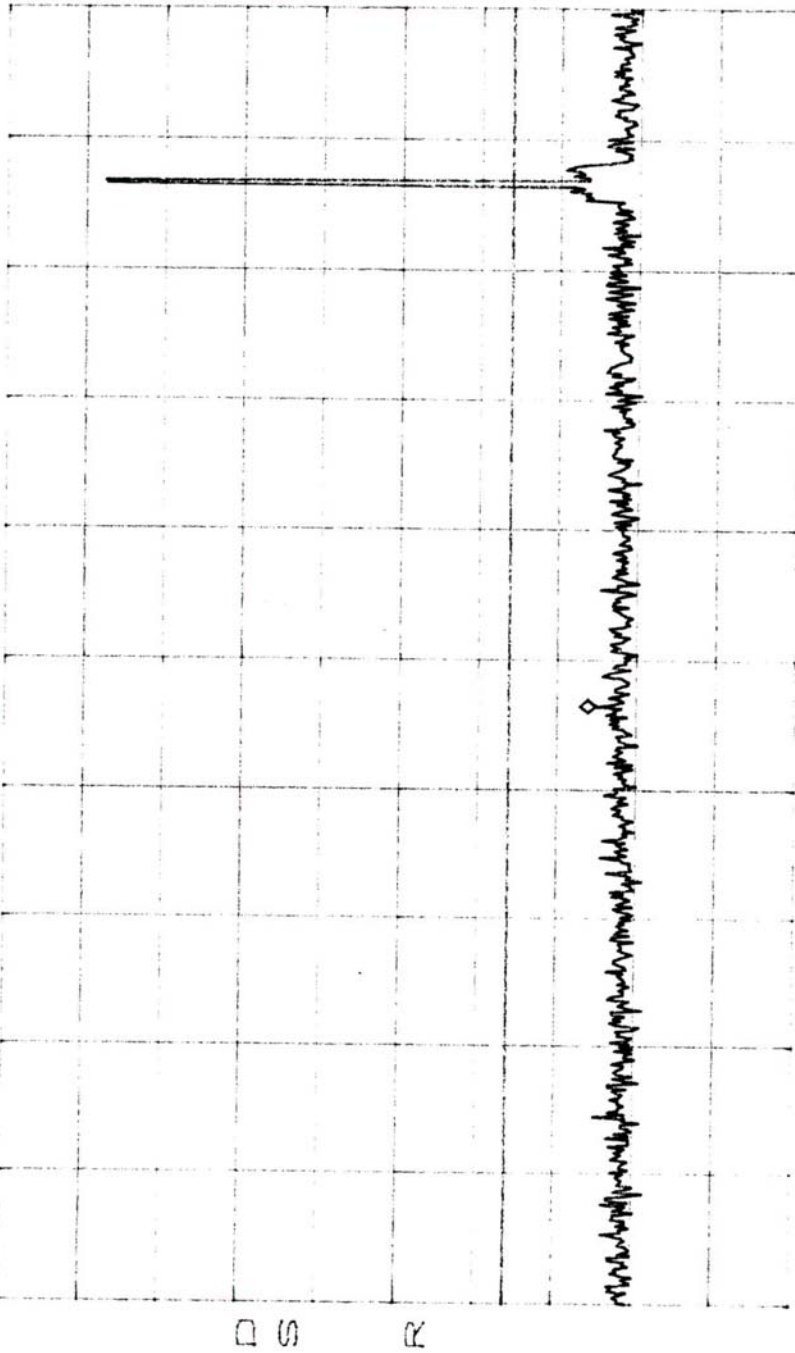
Software Defined Radio

Software Test 6

A Band - Channel 181

\*ATTEN 30dB  
RL 51.00dBm

MKR -23.83dBm  
481.1MHz



START 30.0MHz

STOP 1.00000GHz

\*RBW 100kHz

VBW 100kHz

SWP 250ms

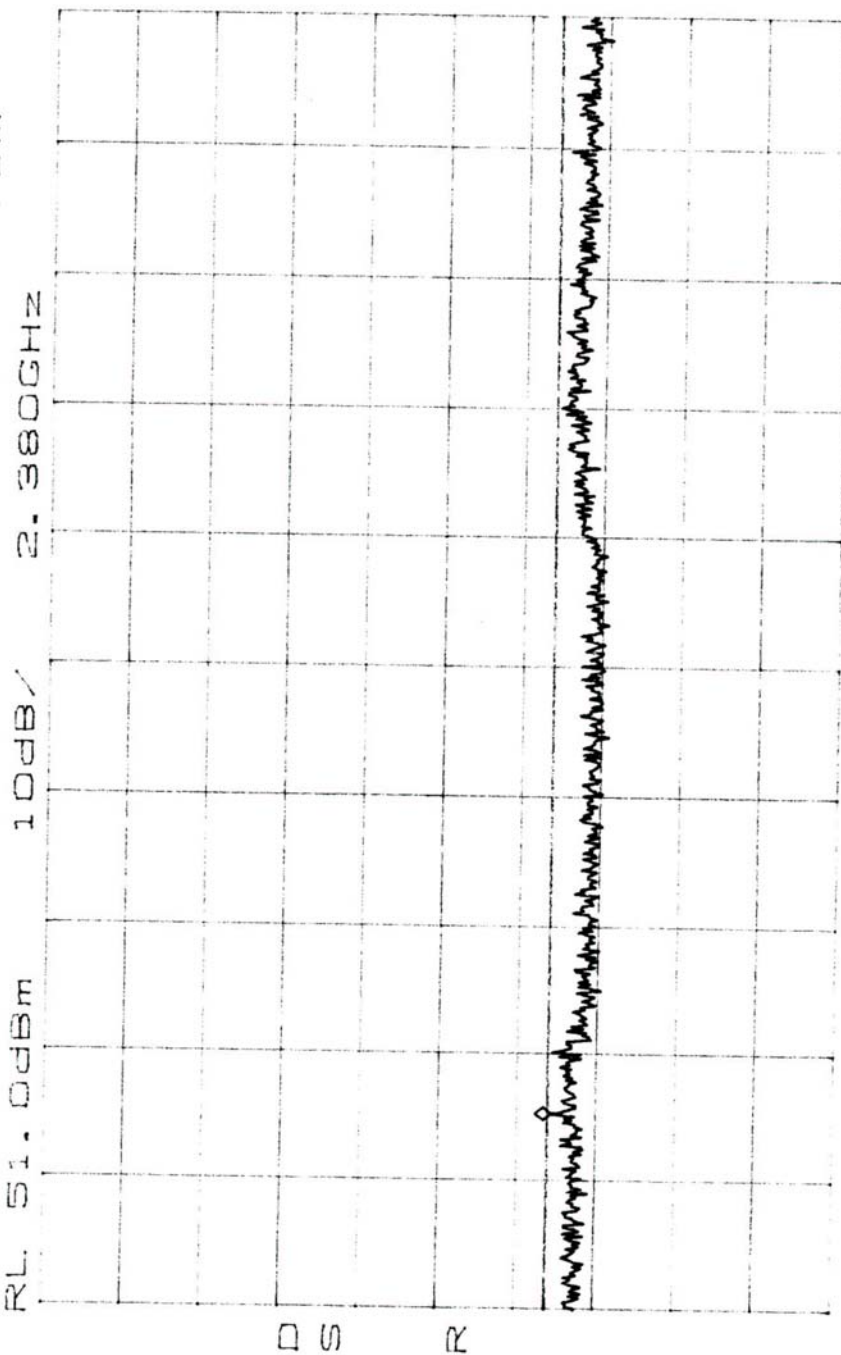
Software Defined Radio

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

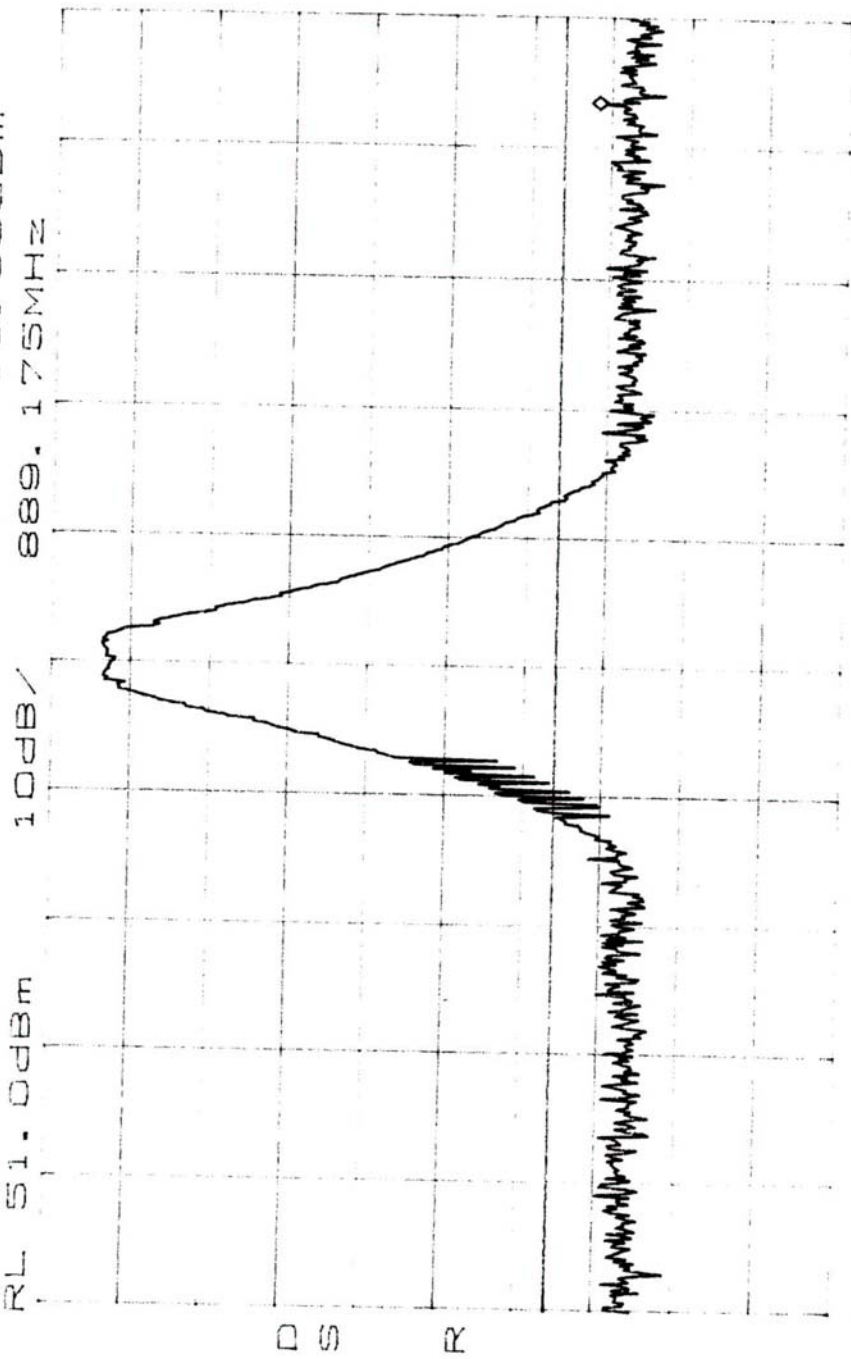
Software Defined Radio

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

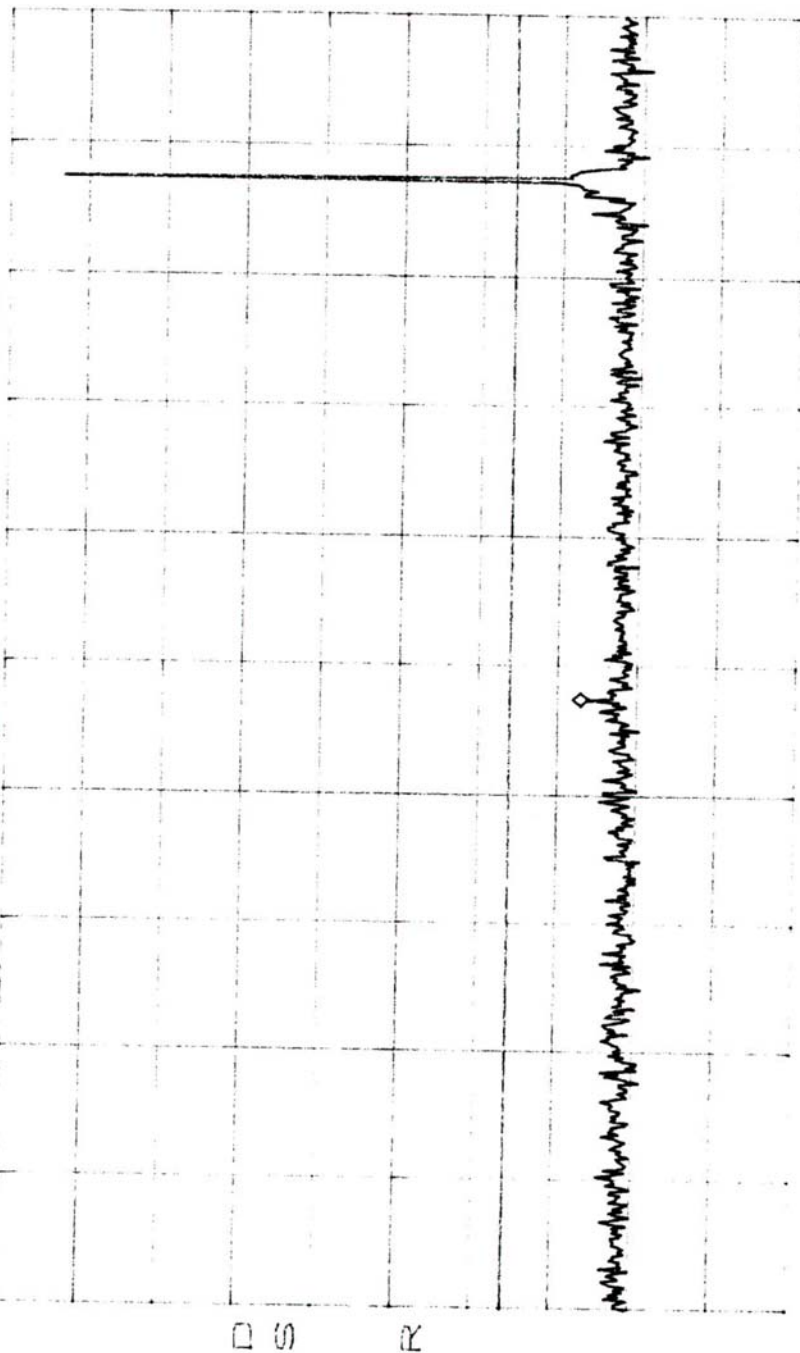
Software Test 6

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

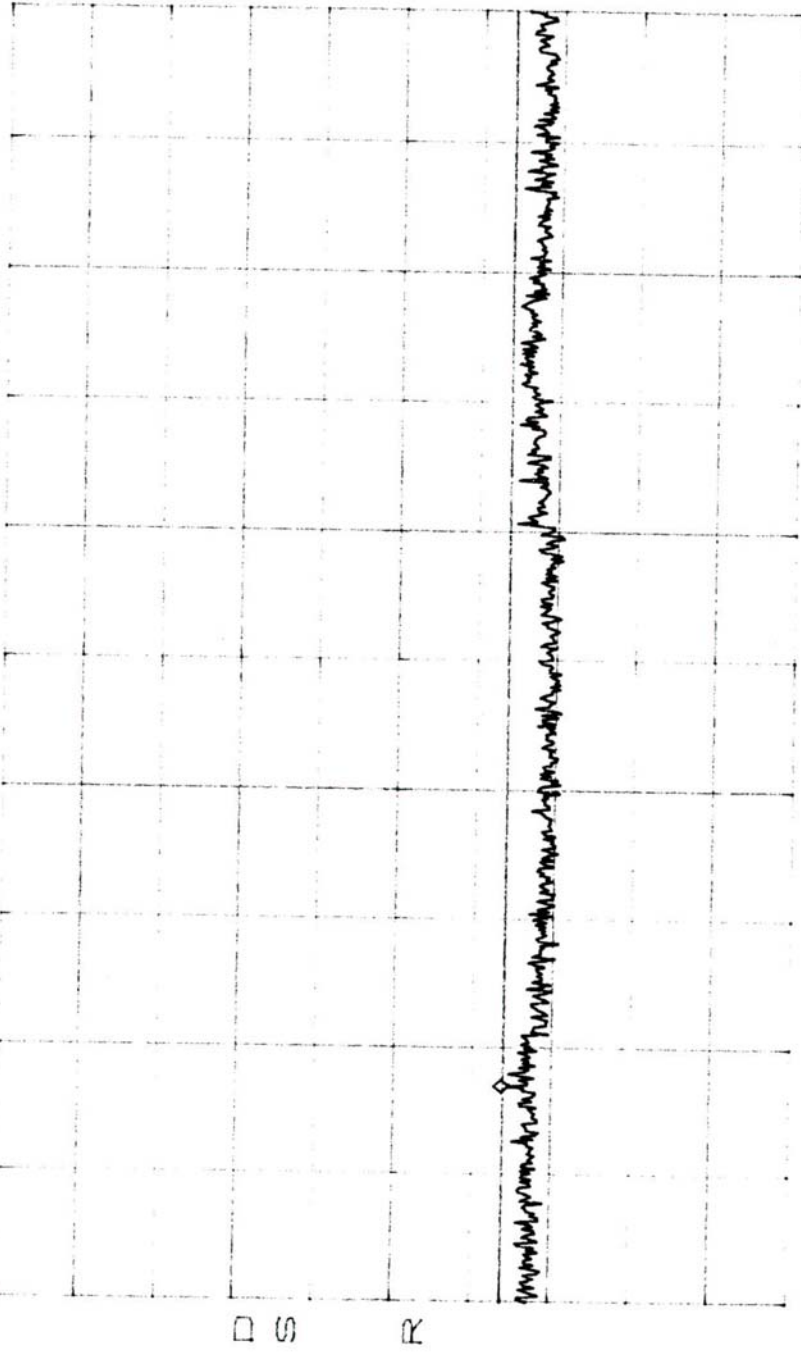
SWP 250ms

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