

**Software Test 9 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 9 simulates the GSM signal created from a random sequence of 266604 symbols.

Results:

Pass (see plots)

Software Defined Radio

Software Test 9

A Band - Channel 181

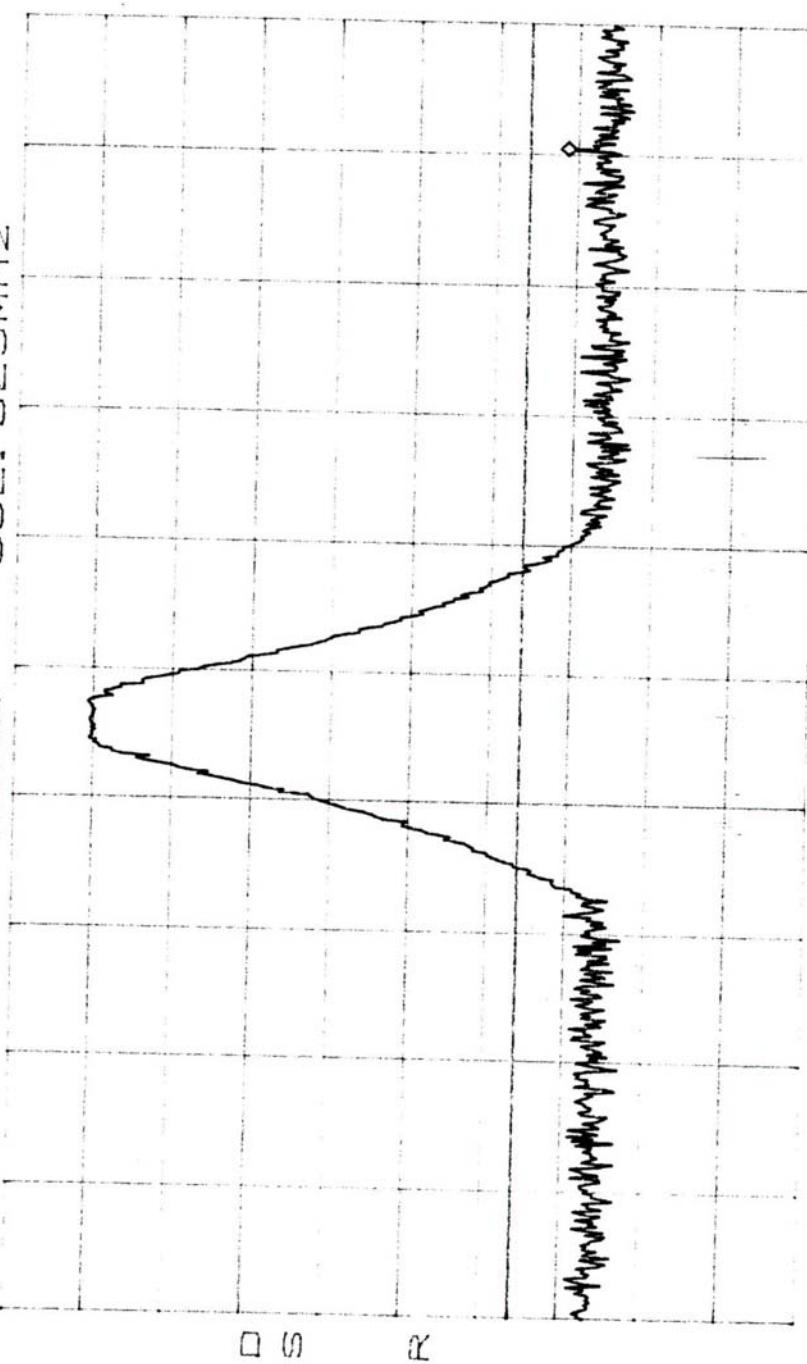
MKR -18.67dBm

882.025MHz

*ATTEN 30dB

RL 51.0dBm

10dB/



CENTER 880.000MHz VSW 100kHz *SPAN 5.000MHz
*RBW 100kHz SWP 50ms

SPAN 5.000MHz
SWP 50ms

Software Defined Radio

Software Test 9

A Band - Channel 181

MKR -23. 50dBm

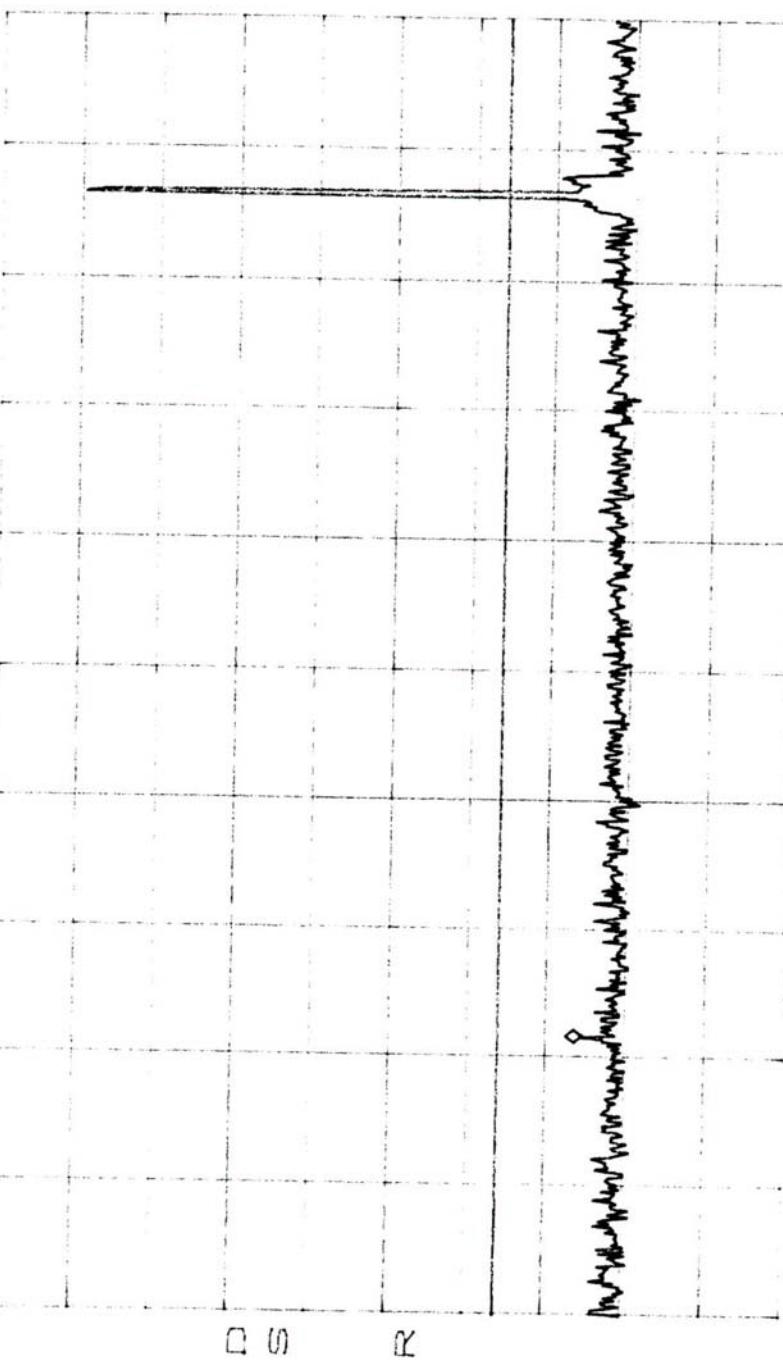
240. 2MHz

10dB✓

30dB

RL 51. 0dBm

*ATTEN



START 30. 0MHz
*RBW 100kHz
STOP 1. 0000GHz
VBW 100kHz
SWP 250ms

Software Defined Radio

Software Test 9

A Band - Channel 181

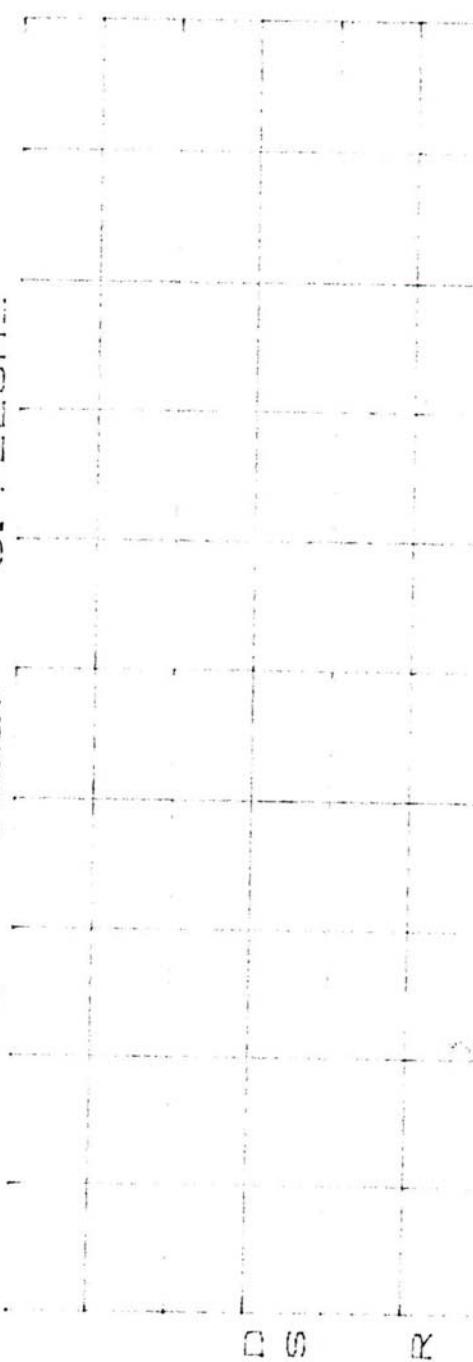
*ATTEN 30dB

RL 51.0dBm

10dB✓

MKR -13.33dBm

6.722GHz



XX

START 4.179GHz
RBW 1.0MHz
STOP 10.000GHz
SWP 180ms

Software Defined Radio

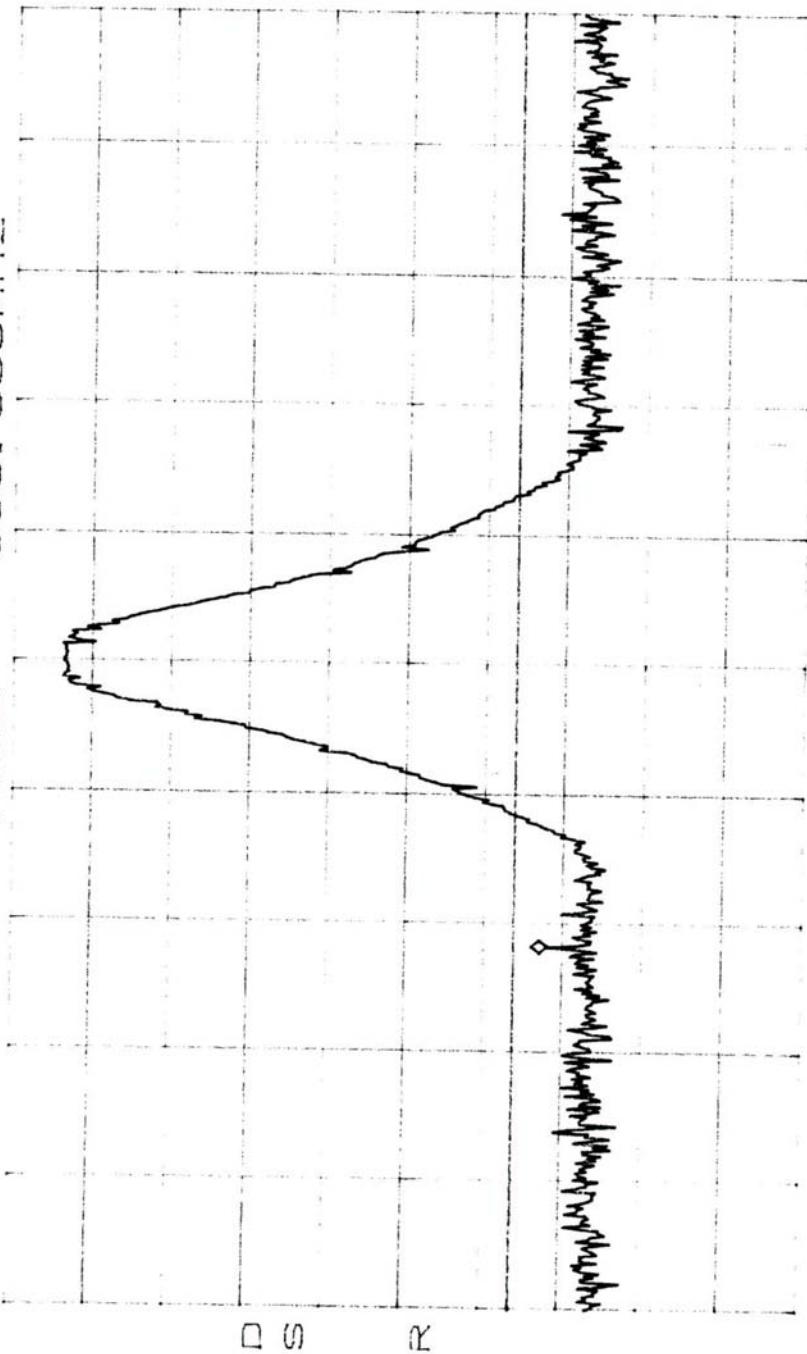
Software Test 9

B Band - Channel 217

*ATTEN 30dB
RL 51.0dB

MKR -17.00dBm
885.908MHz

10dB/



CENTER 887.000MHz VBW 100KHz
*RBW 100KHz SPAN 5.000MHz
SWP 50ms

SPAN 5.000MHz
SWP 50ms

Software Defined Radio

Software Test 9

B Band - Channel 217

NIKR -24. 33dBm

236. 9MHz

10dB/

***ATTEN 30dB**

RL 51. 0dBm

1

0

-1

-2

-3

-4

-5

-6

-7

-8

-9

-10

-11

-12

-13

-14

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-40

-41

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-43

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-45

-46

-47

-48

-49

-50

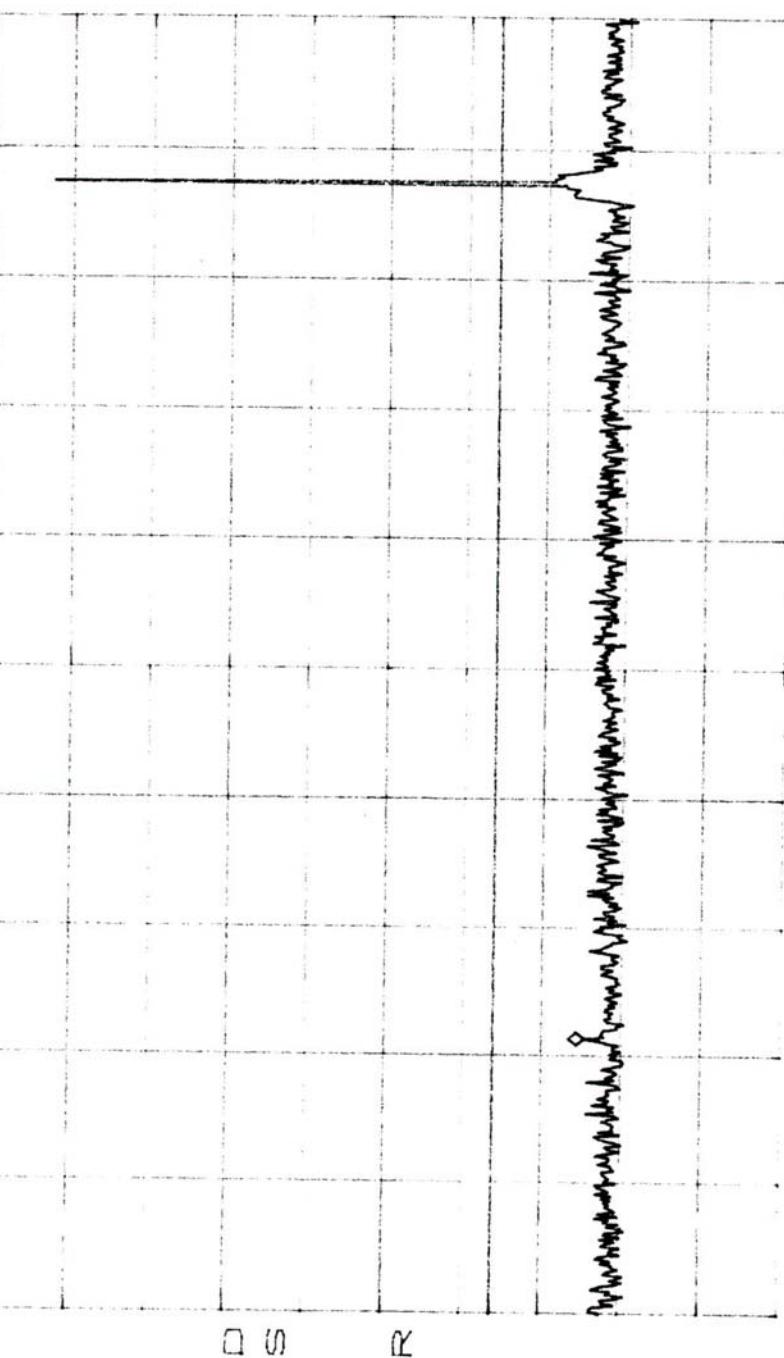
-51

-52

-53

-54

-55



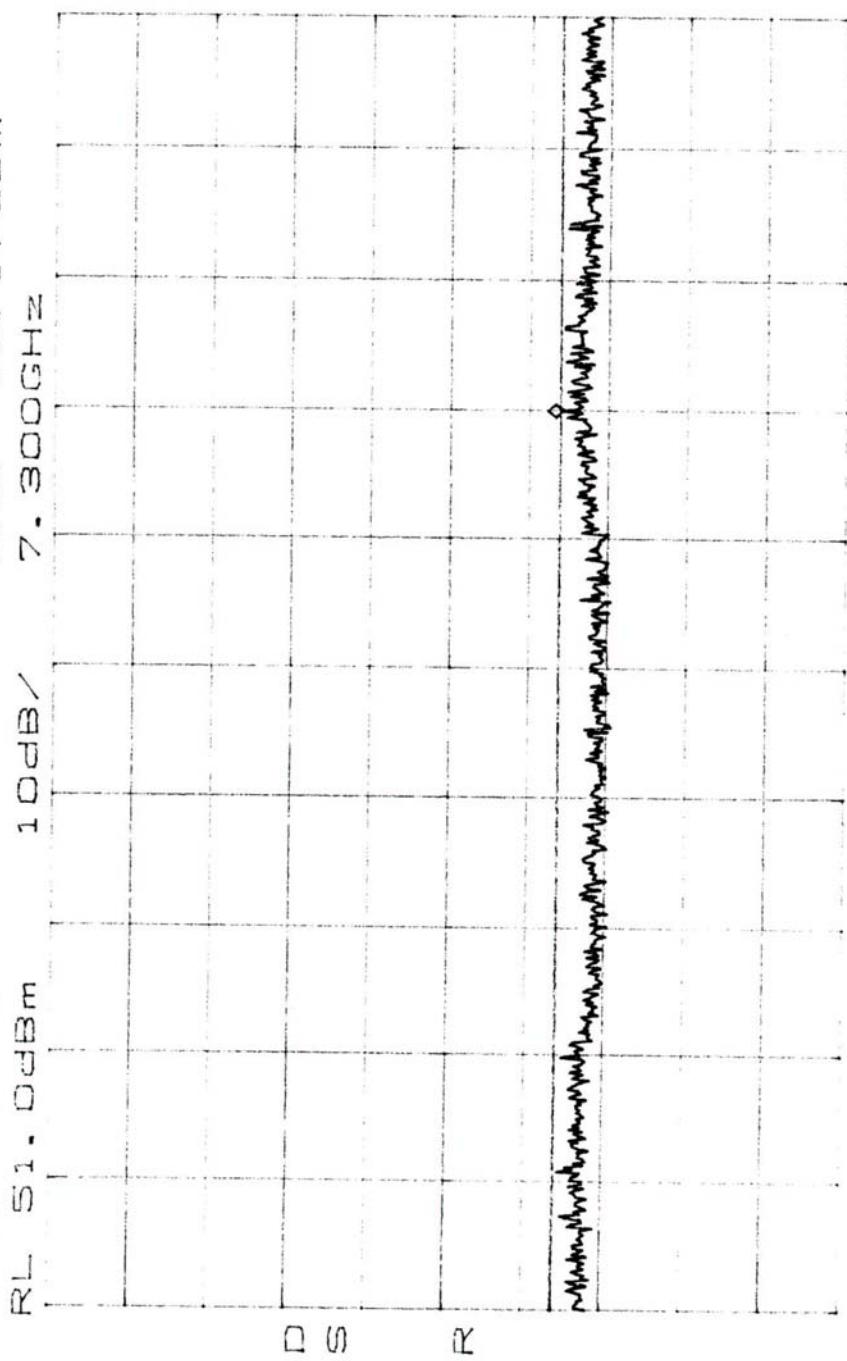
START 30. 0MHz VBW 100kHz SWP 250ms

Software Defined Radio

Software Test 9

B Band - Channel 217

***ATTEN 30dB** **RL 51.0dB** **MKR -13.17dBm**



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