

**Software Defined Radio
Software Test 4
B Band - Channel 217**

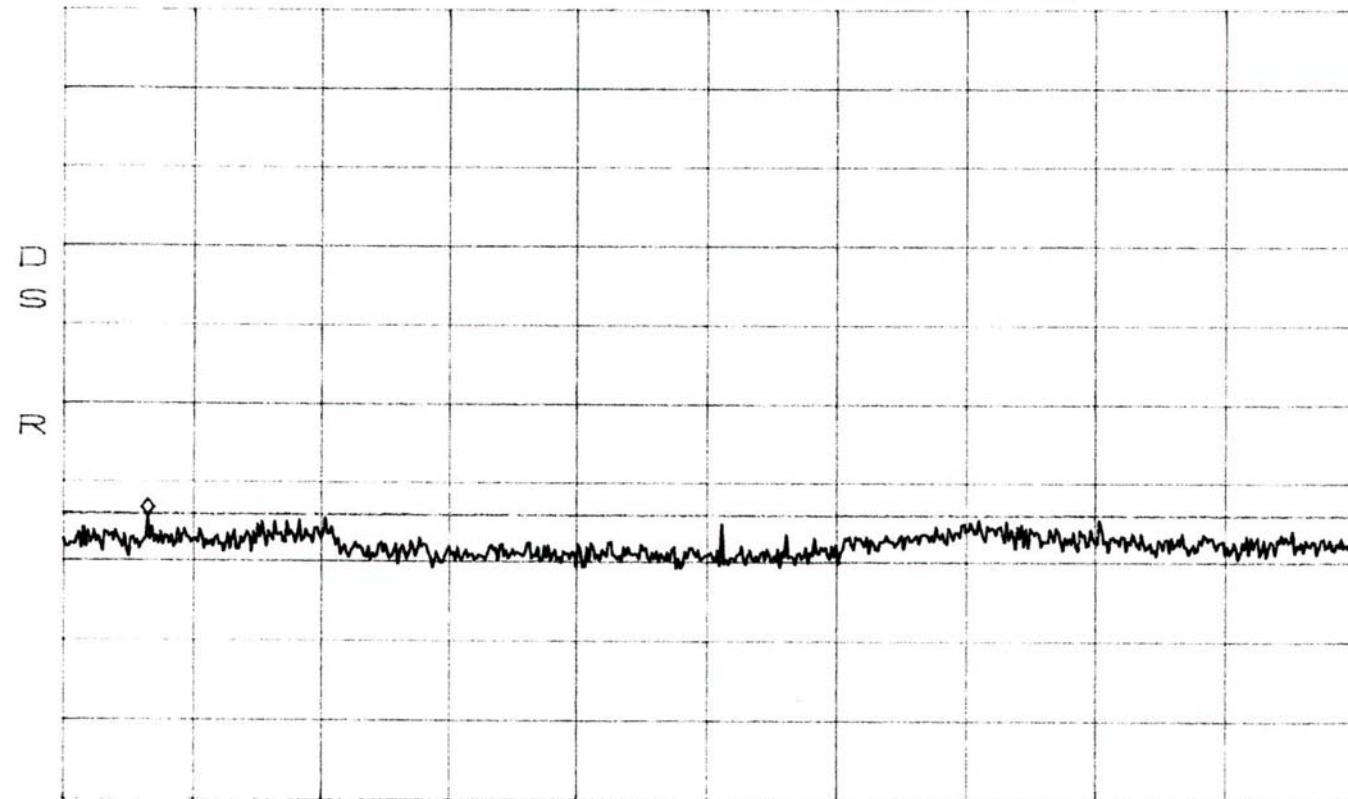
ATTEN 30dB

RL 51.0dBm

10dB/

MKR -13.17dBm

1.585GHz



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

**Software Test 5 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 5 simulates the GSM signal created from a repeated sequence with 1 timeslot of valid traffic channel data and the remaining 7 timeslots filled with dummy bursts.

Results:

Pass (see plots)

Software Defined Radio

Software Test 5

A Band - Channel 181

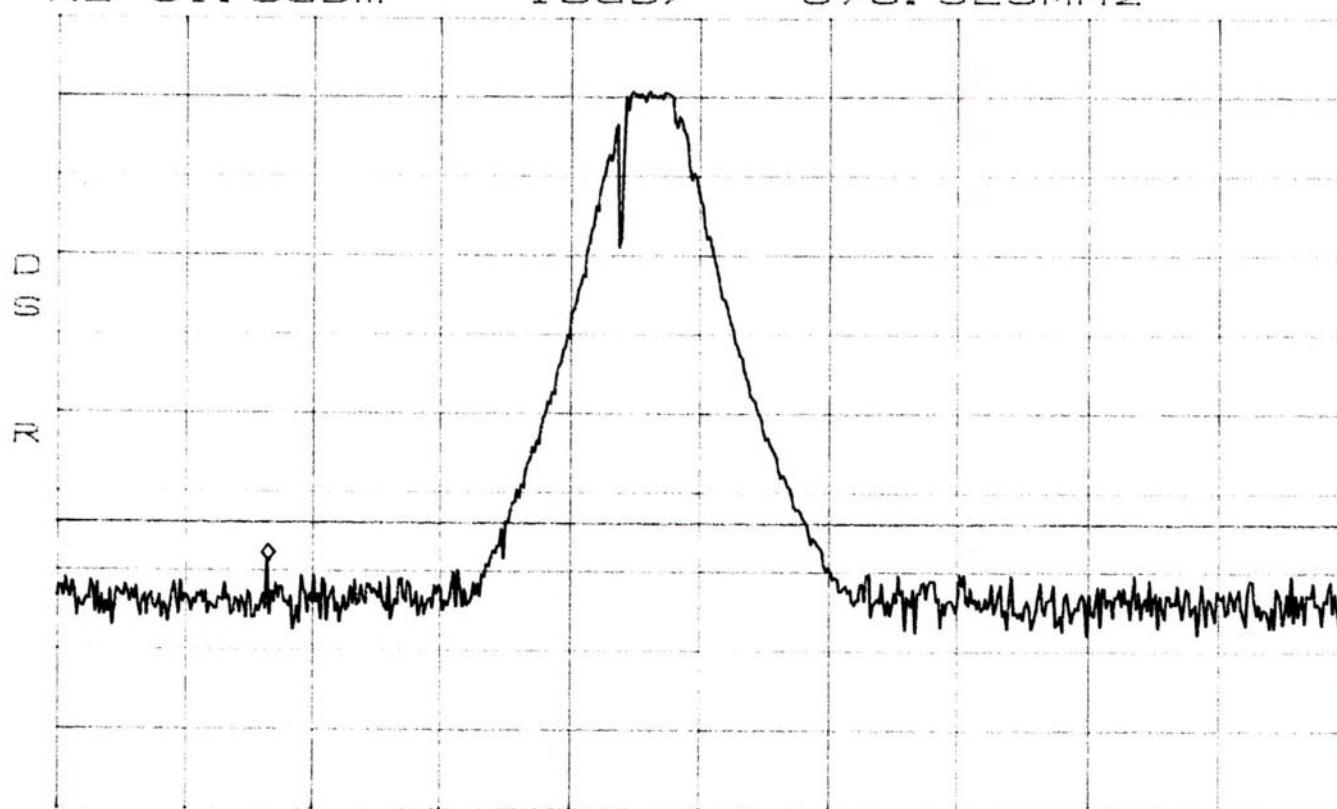
***ATTEN 30dB**

RF 51.0dBm

10dB/

MKR -17.67dBm

878.325MHz



CENTER 880.000MHz

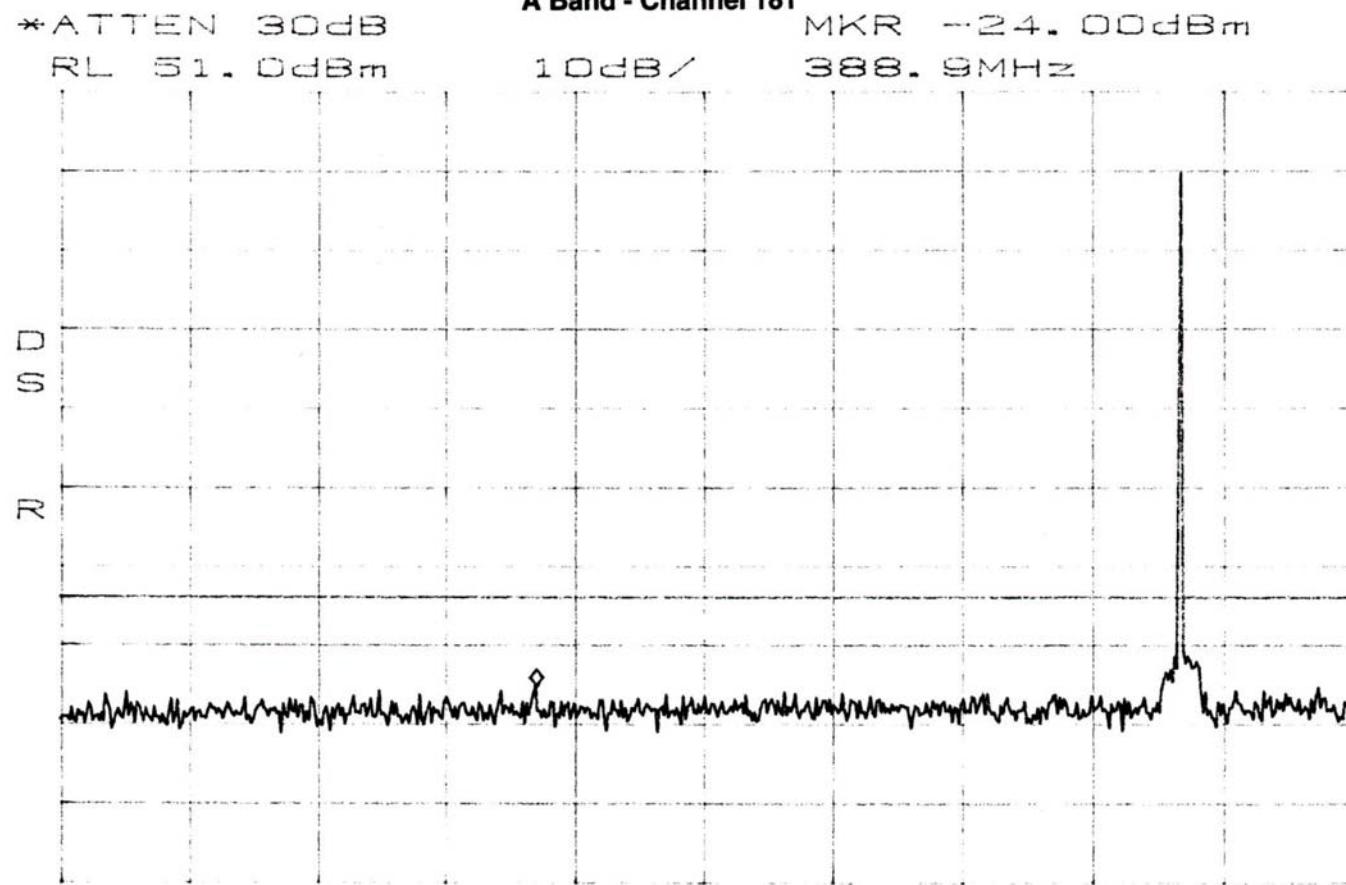
***RBW 100KHz**

VBW 100KHz

SPAN 5.000MHz

SWP 50ms

**Software Defined Radio
Software Test 5
A Band - Channel 181**



START 30.0MHz

STOP 1.0000GHz

*RBW 100kHz

VBW 100kHz

SWP 250ms

Software Defined Radio

Software Test 5

A Band - Channel 181

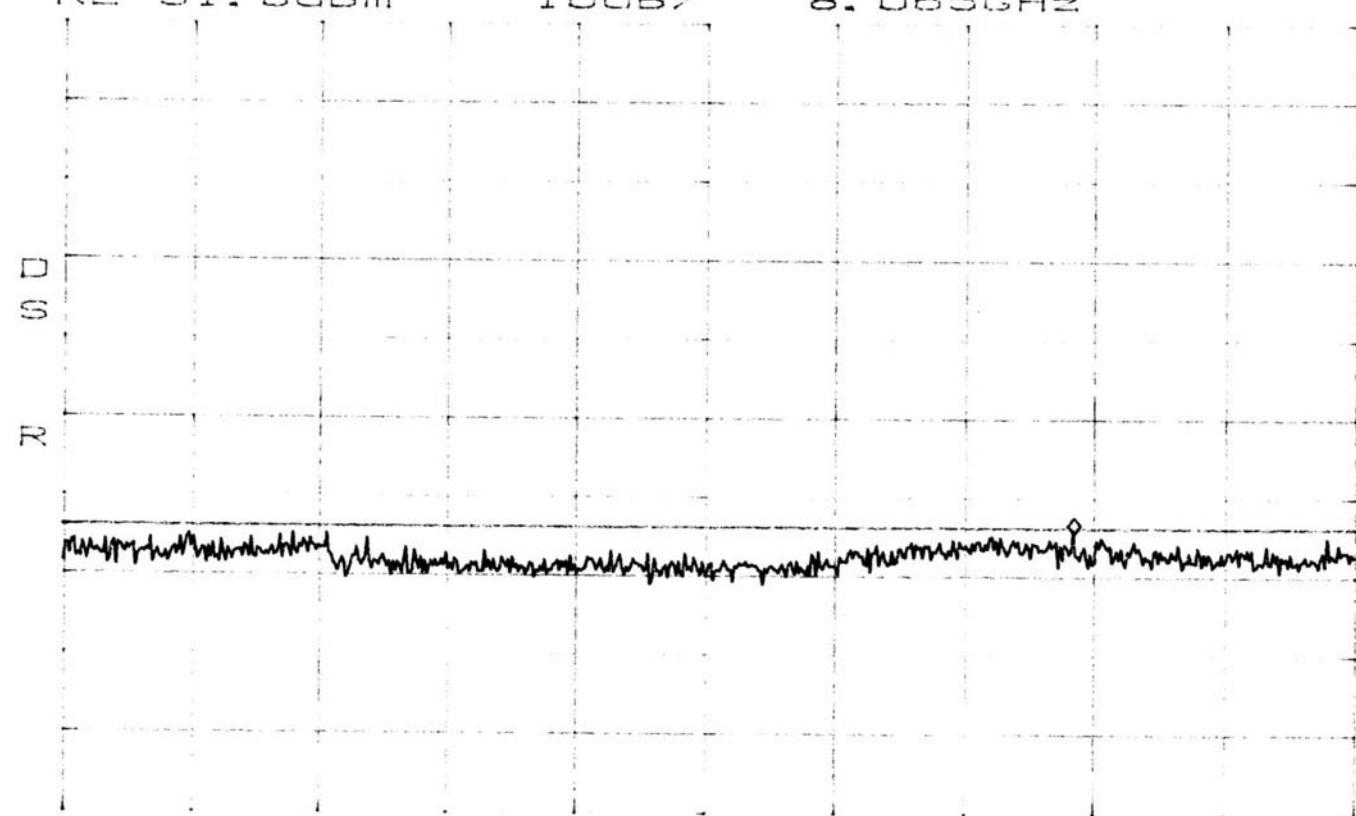
***ATTEN 30dB**

RL 51.0dBm

10dB/

MKR -13.33dBm

8.065GHz



START 1.000GHz

STOP 10.000GHz

***RBW 1.0MHz**

VBW 1.0MHz

SWP 180ms

Software Defined Radio

Software Test 5

B Band - Channel 217

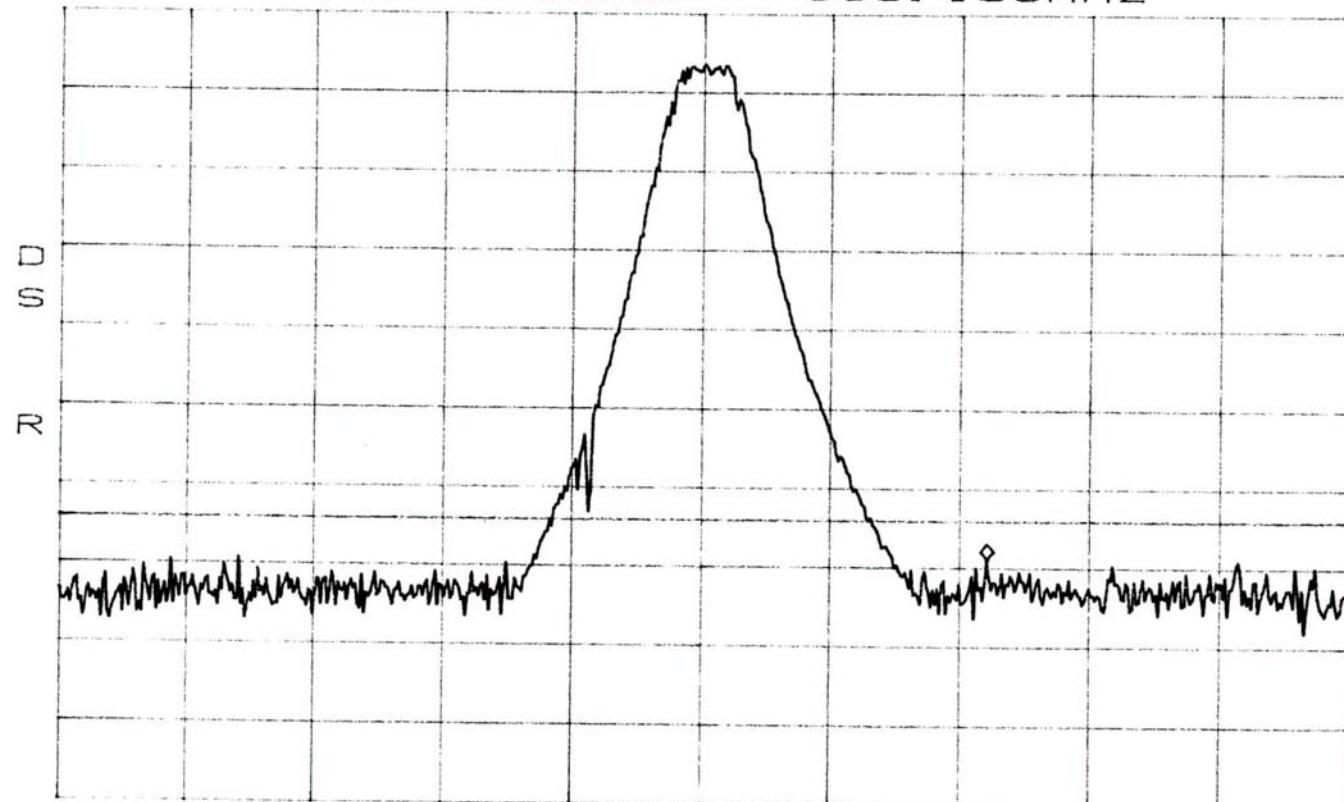
***ATTEN 30dB**

RL 51.0dBm

10dB/

MKR -17.83dBm

888.108MHz



CENTER 887.000MHz

***RBW 100kHz**

VBW 100kHz

SPAN 5.000MHz

SWP 50ms

Software Defined Radio

Software Test 5

B Band - Channel 217

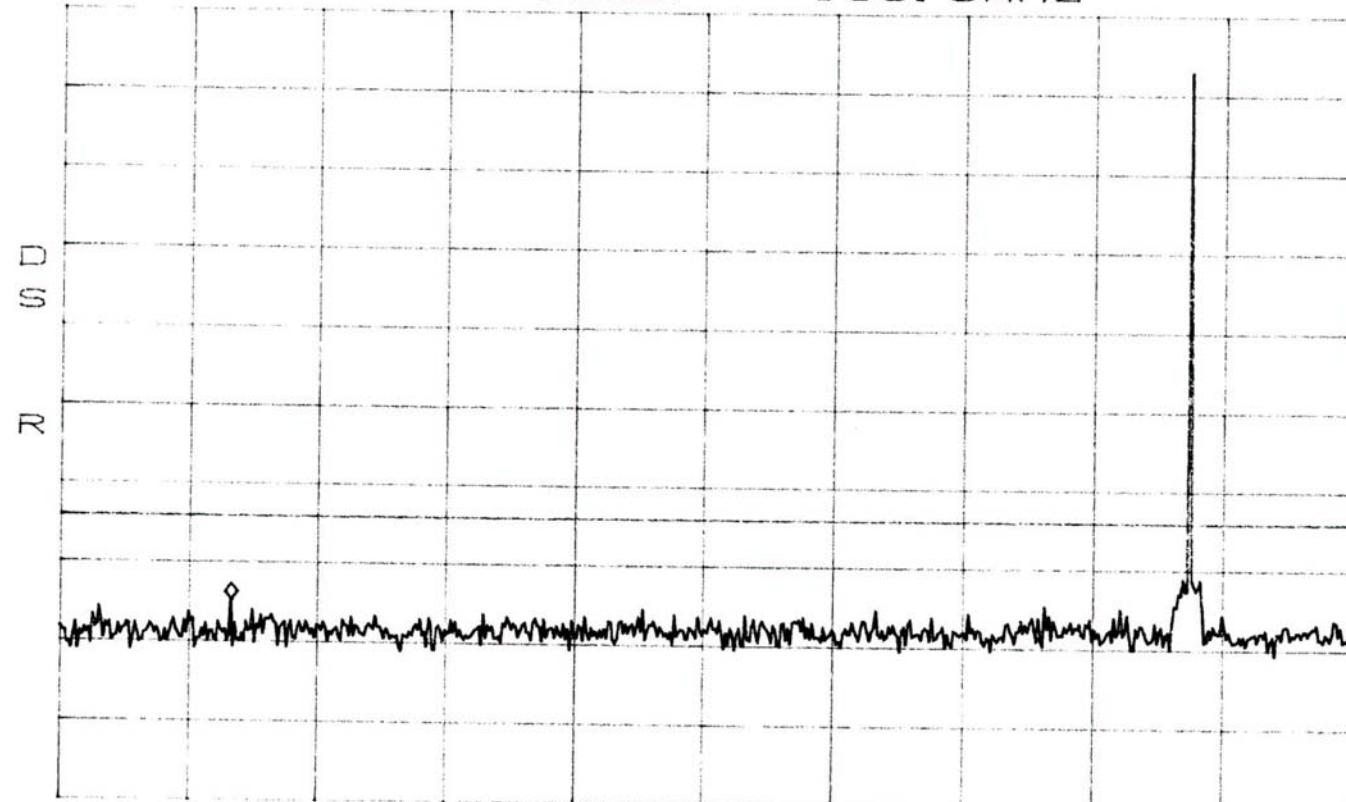
***ATTEN 30dB**

RL 51.0dBm

10dB/

MKR -23.67dBm

159.3MHz



START 30.0MHz

STOP 1.0000GHz

***RBW 100kHz**

VBW 100kHz

SWP 250ms

Software Defined Radio

Software Test 5

B Band - Channel 217

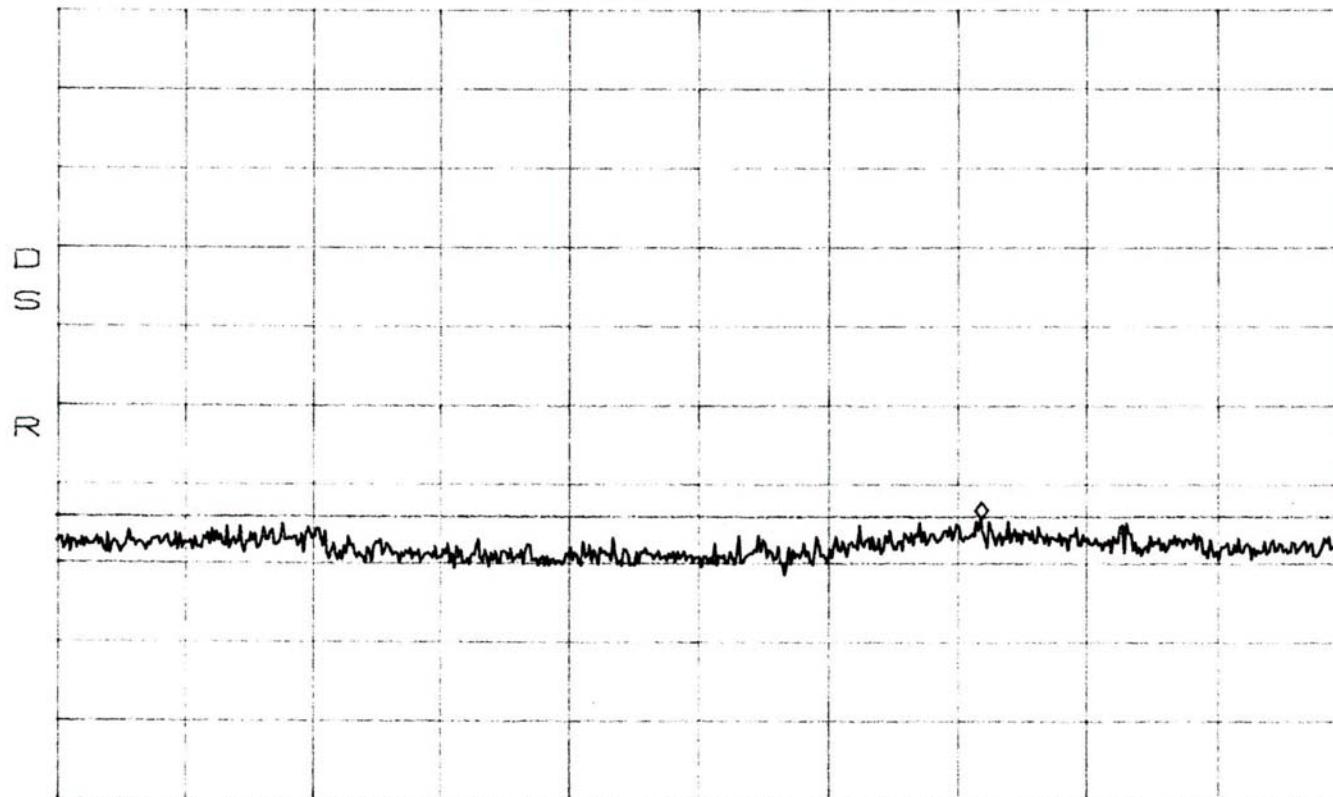
*ATTEN 30dB

RL 51.0dBm

10dB/

MKR -13.17dBm

7.465GHz



START 1.0000GHz

STOP 10.0000GHz

*RBW 1.0MHz

VBW 1.0MHz

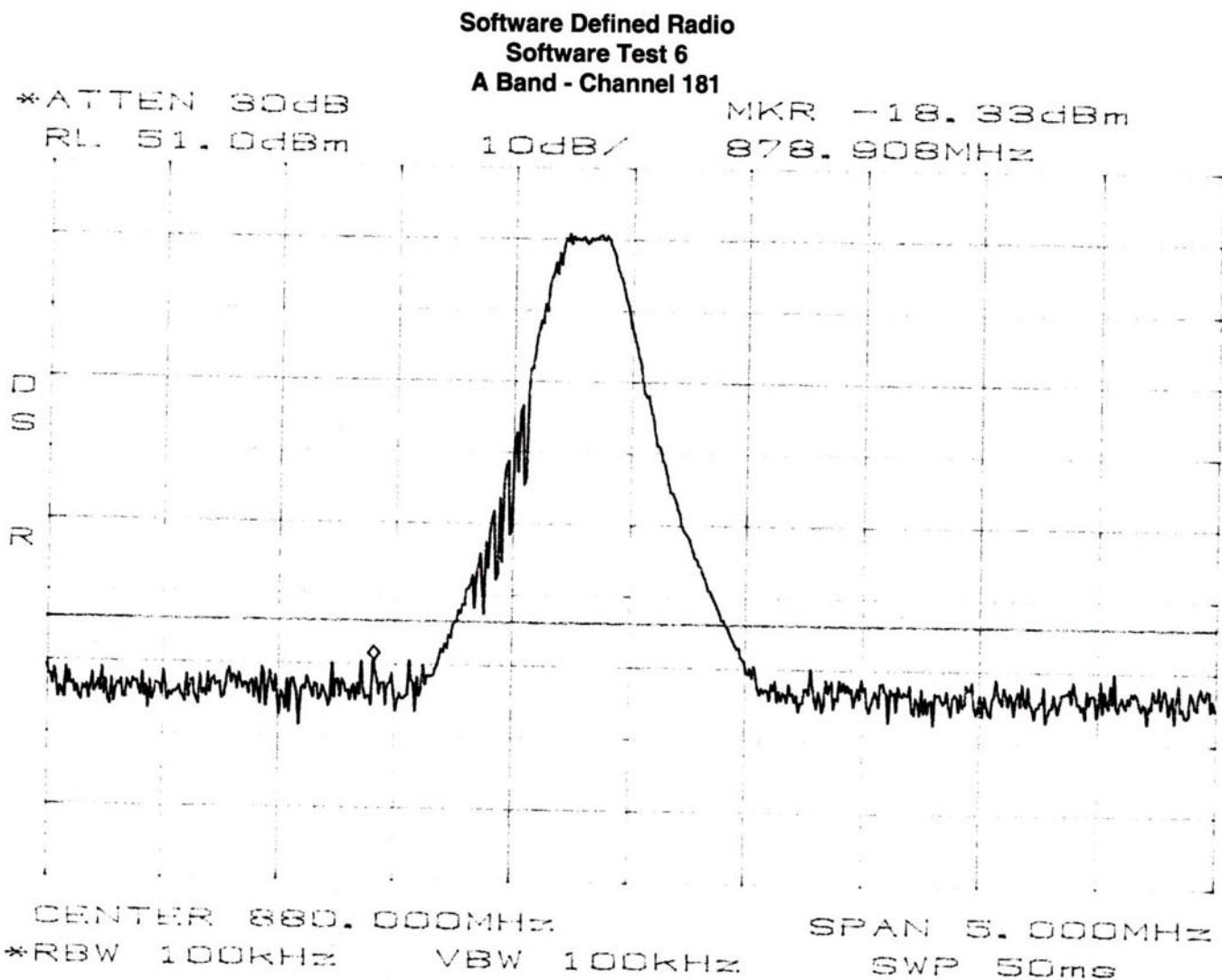
SWP 180ms

**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**

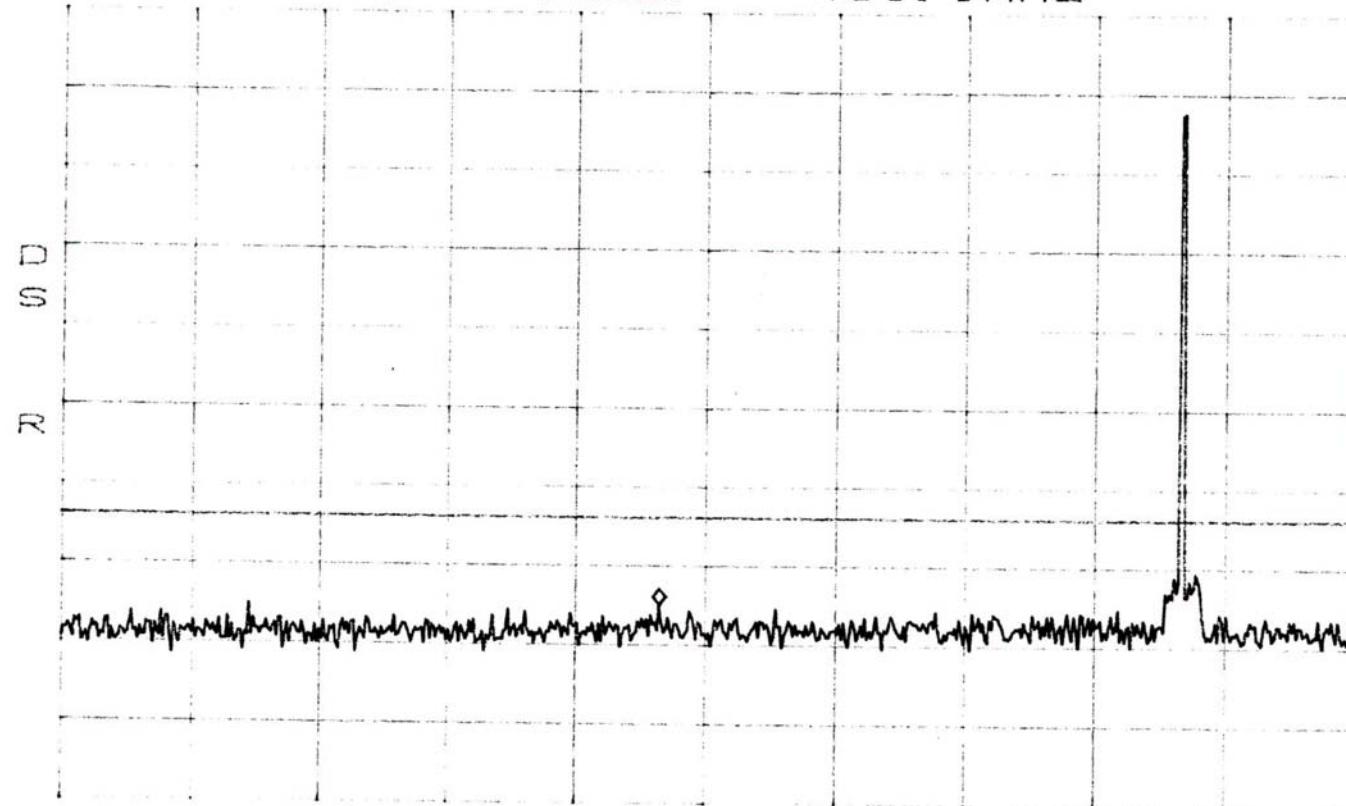
*ATTEN 30dB

RL 51.0dBm

10dB/

MKR -23.83dBm

481.1MHz



START 30.0MHz

STOP 1.0000GHz

*RBW 100kHz

VBW 100kHz

SWP 250ms

Software Defined Radio
Software Test 6
A Band - Channel 181

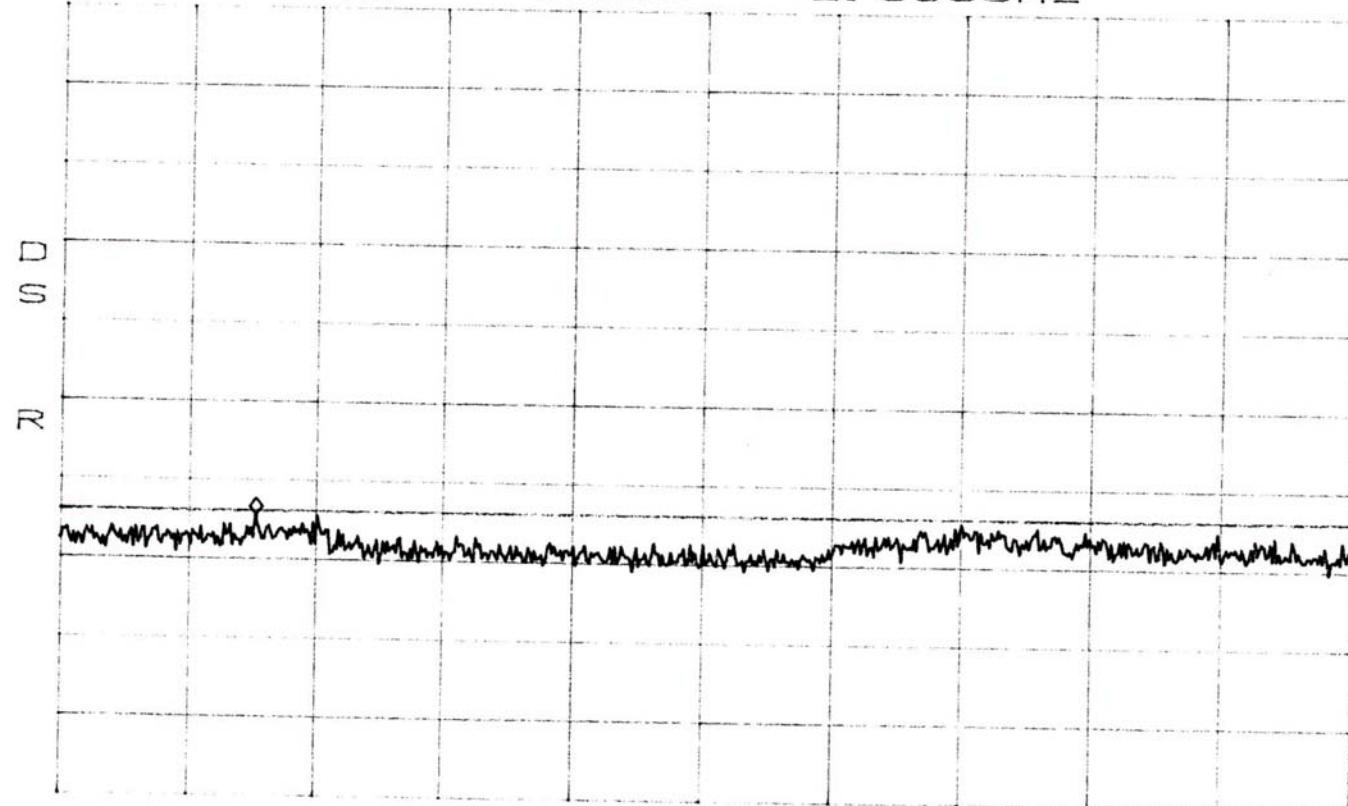
*ATTEN 80dB

RF 51.0dBm

10dB/

MKR -13.33dBm

2.380GHz



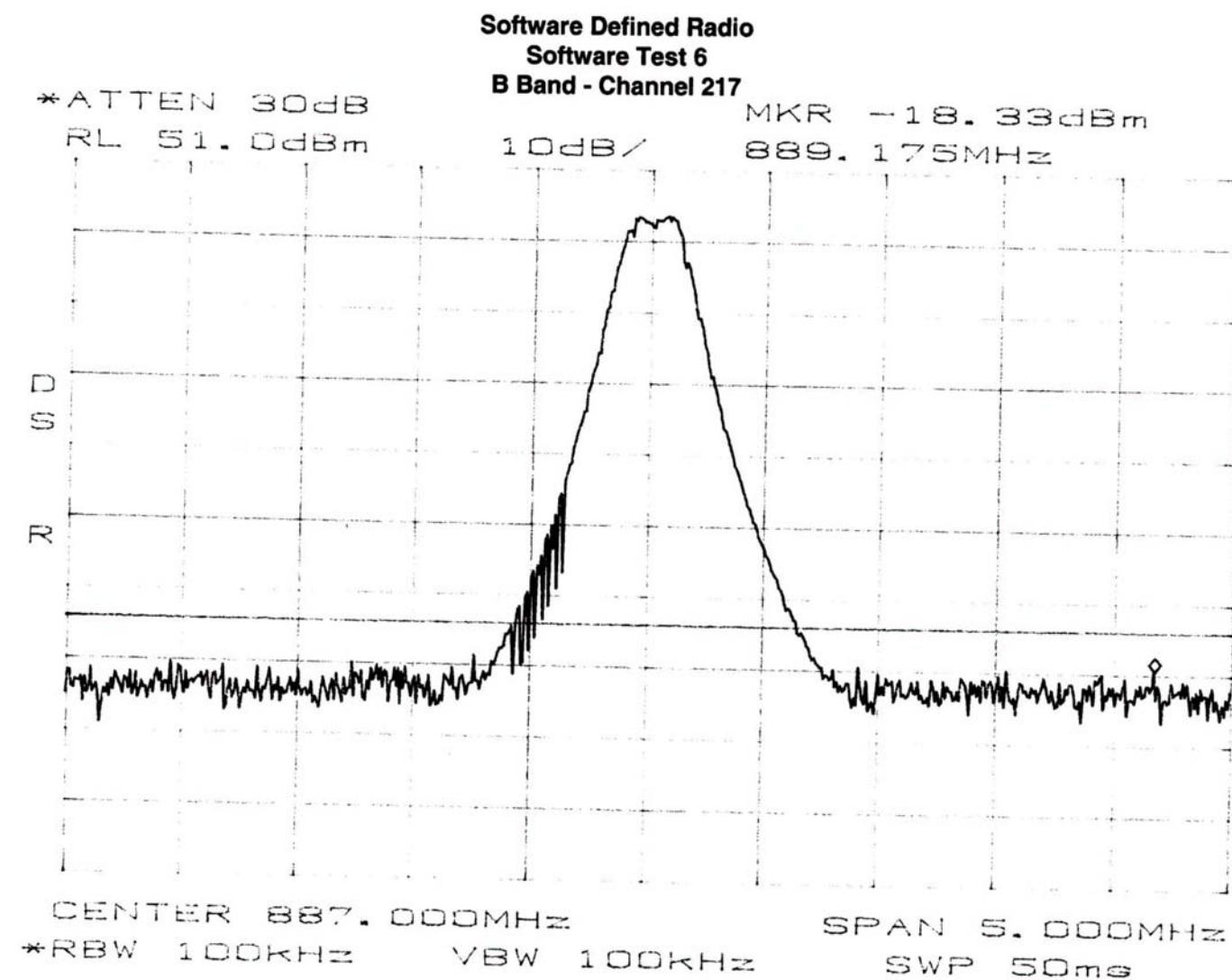
START 1.000GHz

STOP 10.000GHz

*RBW 1.0MHz

VBW 1.0MHz

SWP 180ms



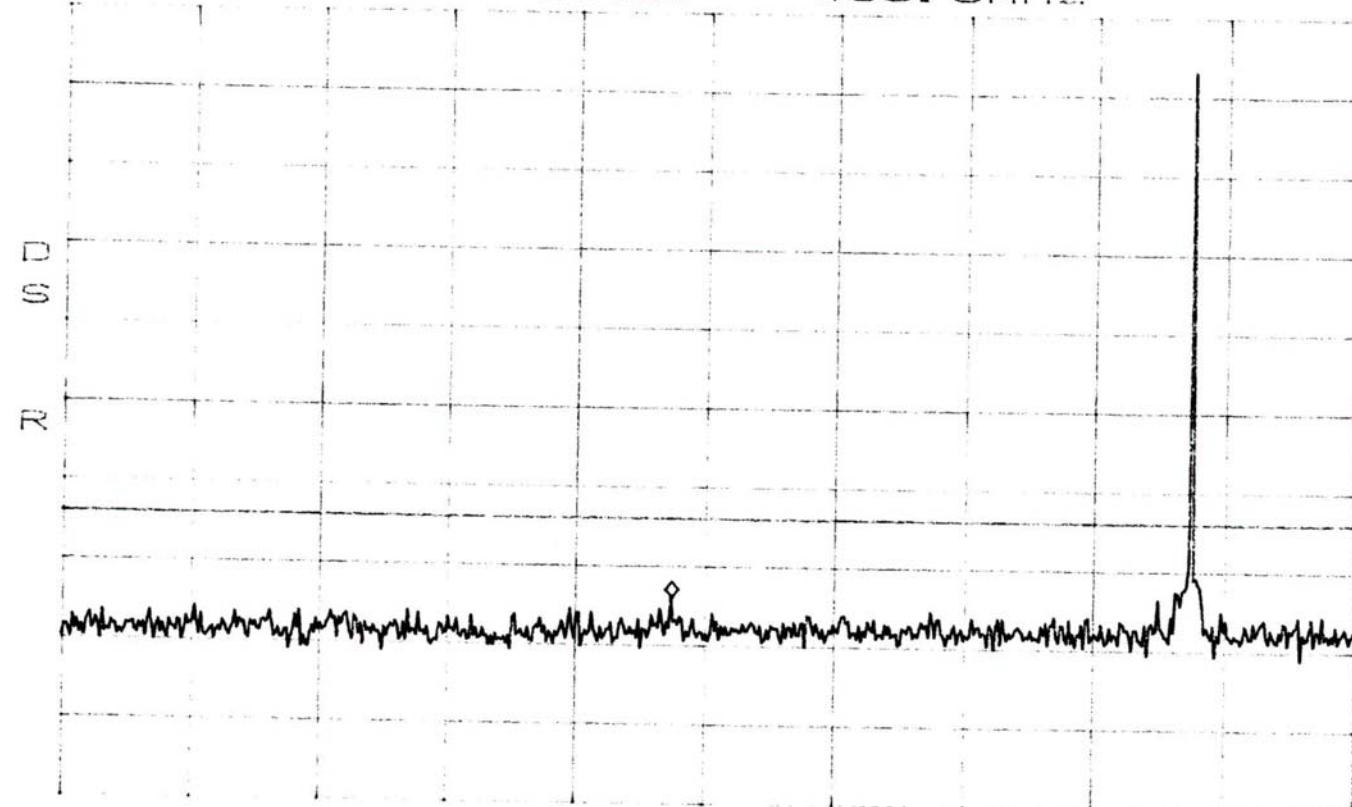
Software Defined Radio

Software Test 6

B Band - Channel 217

*ATTEN 30DQB
RL 51.048m

MKR -22.83dBm
490.8MHz



START 30.000.000

STOP 1. 0000GHz

*九四：无攸利。

VBW 100 kHz

SWP 250 ms

**Software Defined Radio
Software Test 6
B Band - Channel 217**

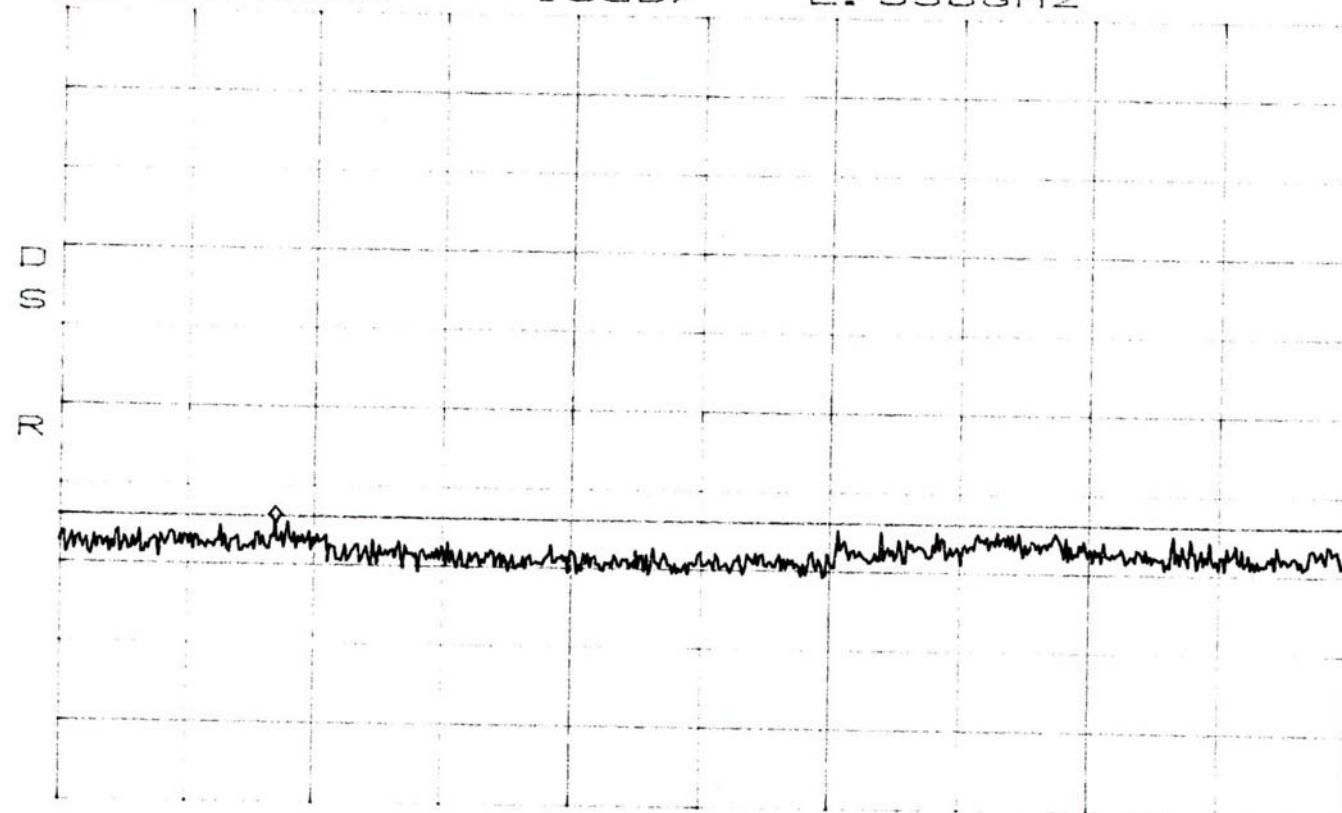
*ATTEN 30dB

RL 51.0dBm

10dB/V

MKR -13.50dBm

2.530GHz



START 1.000GHz

STOP 10.000GHz

RBW 1.0MHz

VBW 1.0MHz

SWP 180ms

**Software Test 7 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 7 simulates the GSM signal created from a repeated sequence with 8 timeslots of valid traffic channel data.

Results:

Pass (see plots)

Software Defined Radio

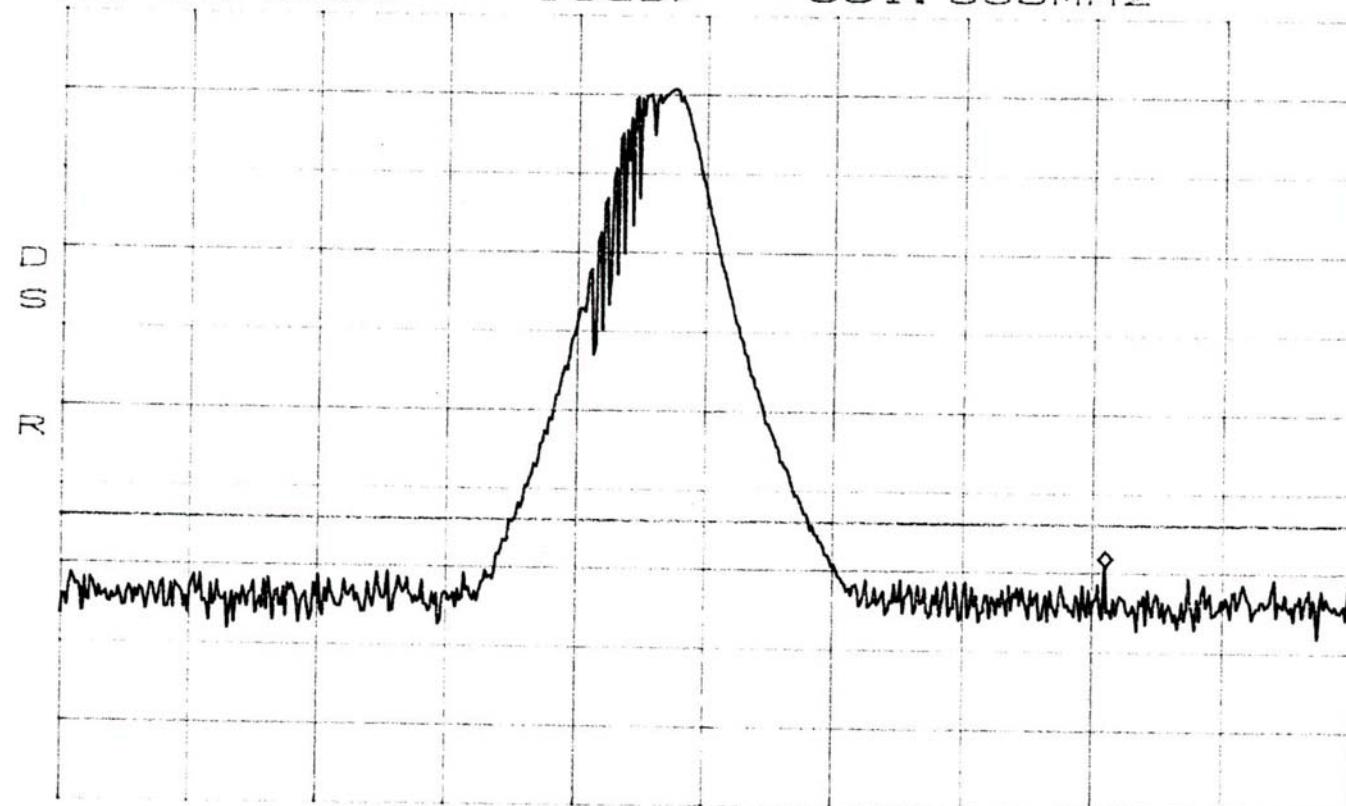
Software Test 7

A Band - Channel 181

*ATTEN 30D B
RL 15.00 B

10dB/ 881.550MHz

881.550MHz



CENTER 880.000MHz

SPAN 5.00MHN

*RBW 100kHz

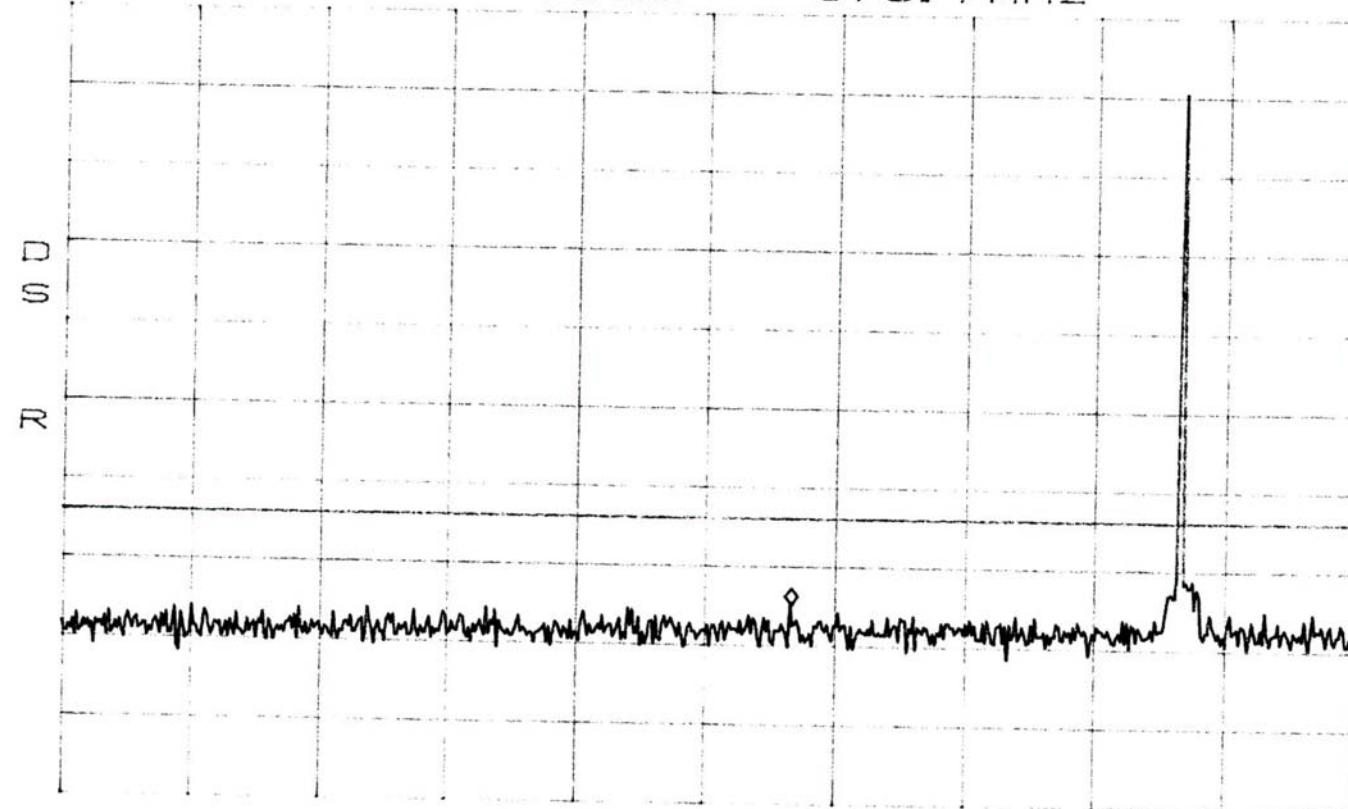
VBW 100kHz

SWP 50ms

**Software Defined Radio
Software Test 7
A Band - Channel 181**

*ATTEN 30dB
RL 51.0 dBm

MKR -23.67 dBm
579.7 MHz



START 30.0 MHz

STOP 1.00000 GHz

*RBW 100KHz

VBW 100KHz

SWP 250ms

Software Defined Radio

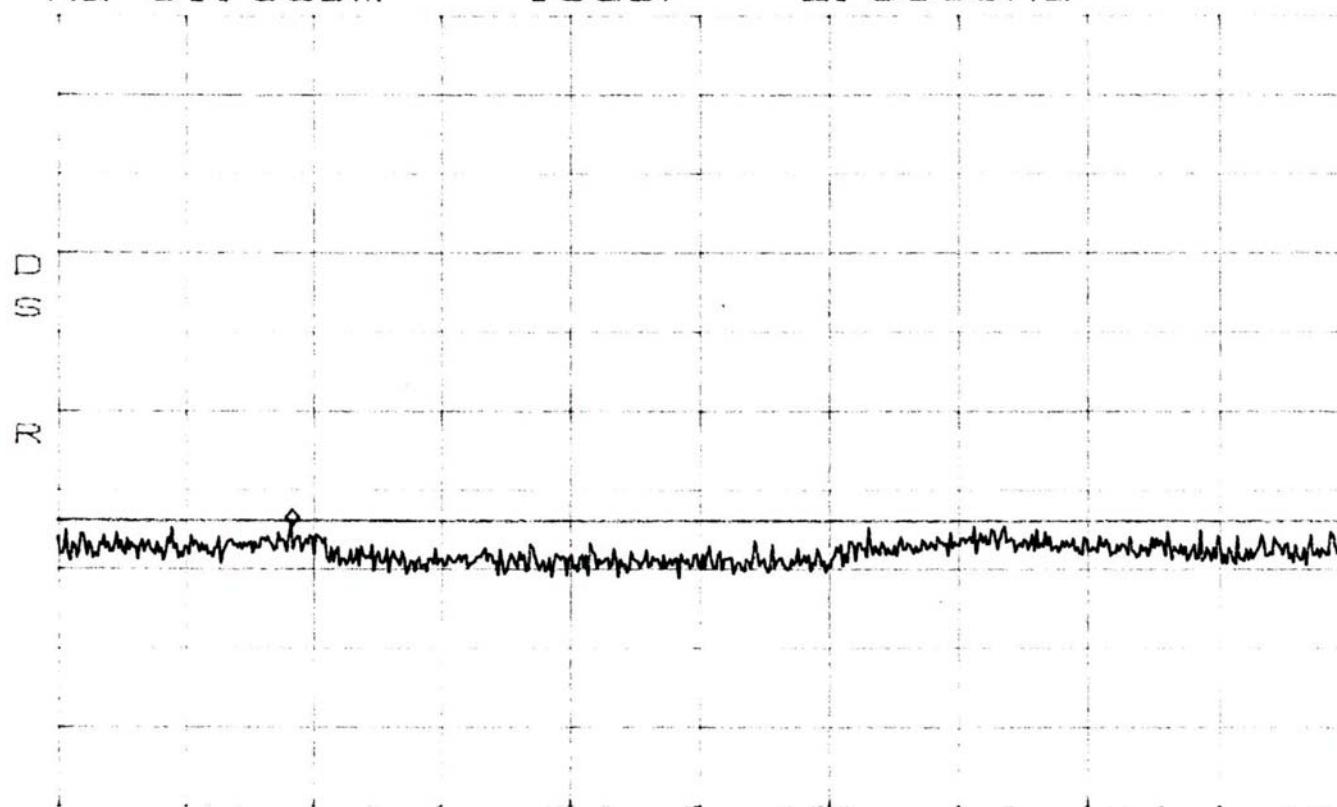
Software Test 7

A Band - Channel 181

*ATTEN 30dB
RL. 51.0dBm

MKR - 13. 33dBm

10dB/ 2.650GHz



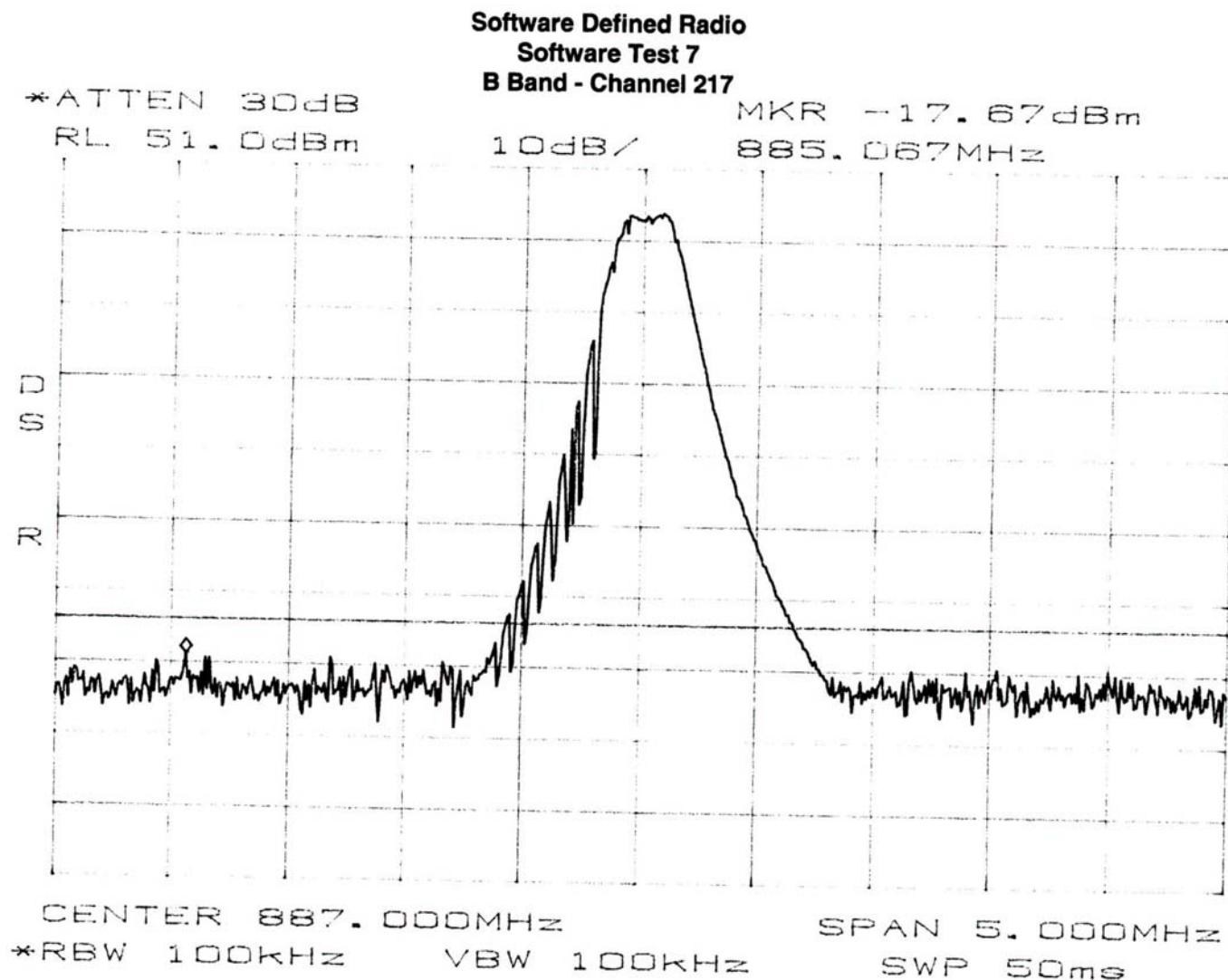
START 1.000GHz

STOP 10. 000GHz

*RBW 1, CMH-2

VBW 1, 0MHz

SWP 180ms



Software Defined Radio

Software Test 7

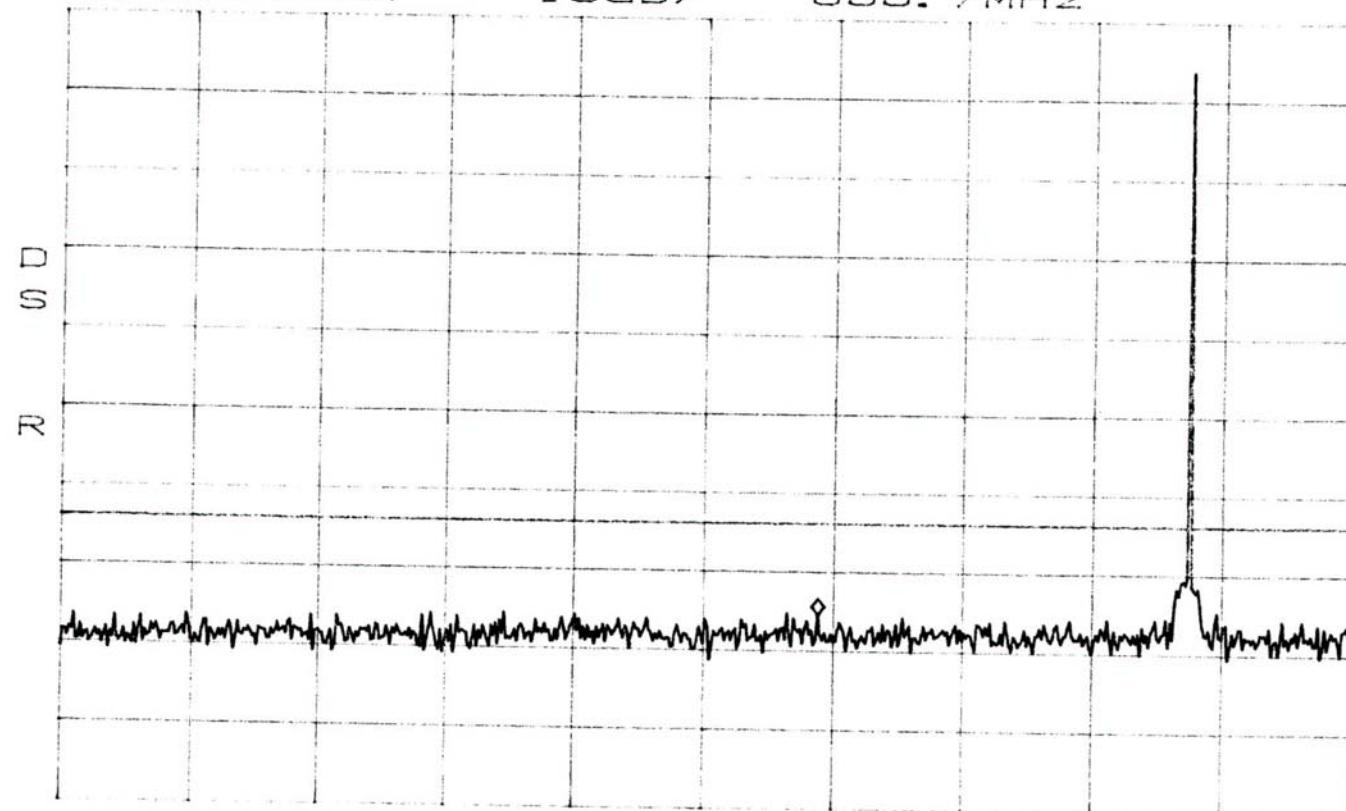
B Band - Channel 217

*ATTEN 30dB

RL 51.0dBm

10dB/

MKR -24.33dBm
600.7MHz



START 30.0MHz

STOP 1.0000GHz

*RBW 100kHz

VBW 100kHz

SWP 250ms

Software Defined Radio

Software Test 7

B Band - Channel 217

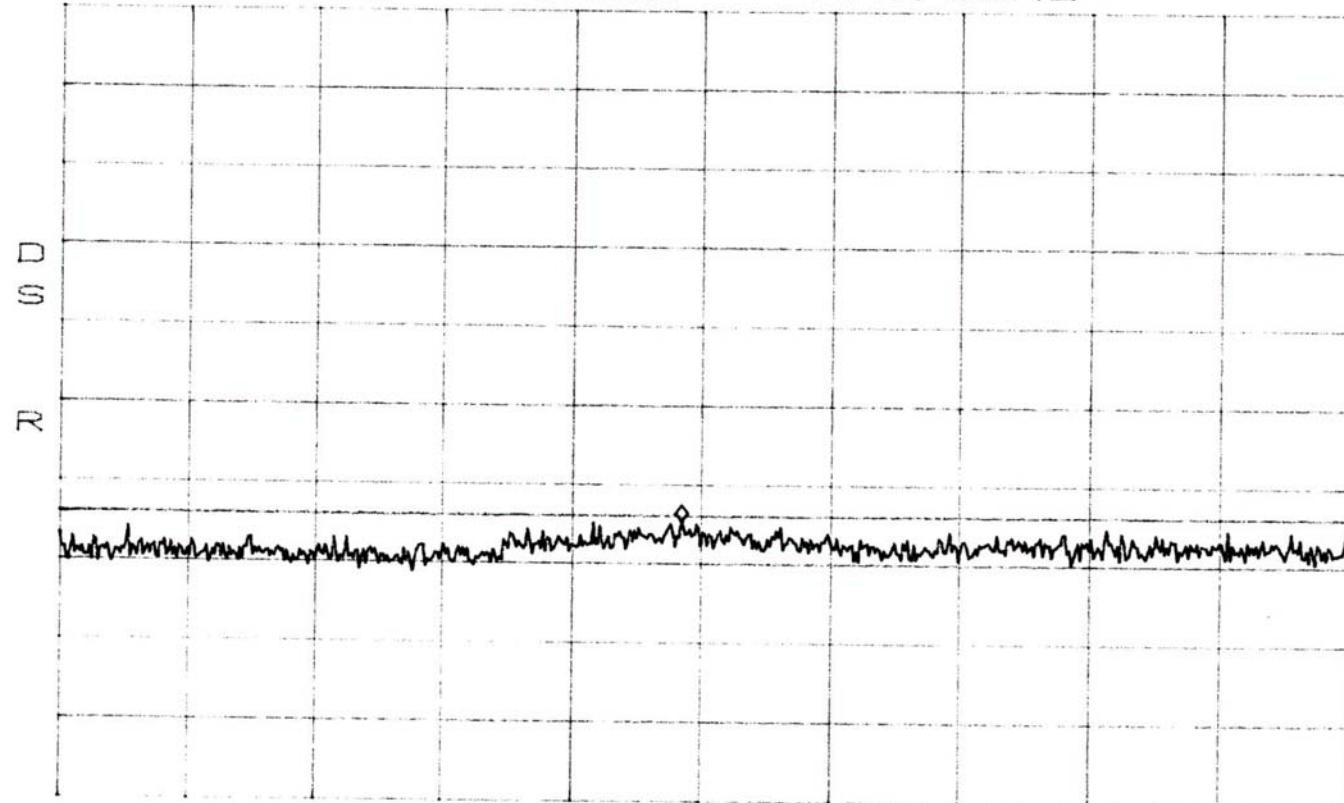
*ATTEN 30dB

R_L 51.0 dBm

100dB

MKR -13. 50dBm

7.675GHz



START 3.310GHZ

STOP 13 31 DEC 19

* RIBW 1, OMTH

VBW 1.0MHz

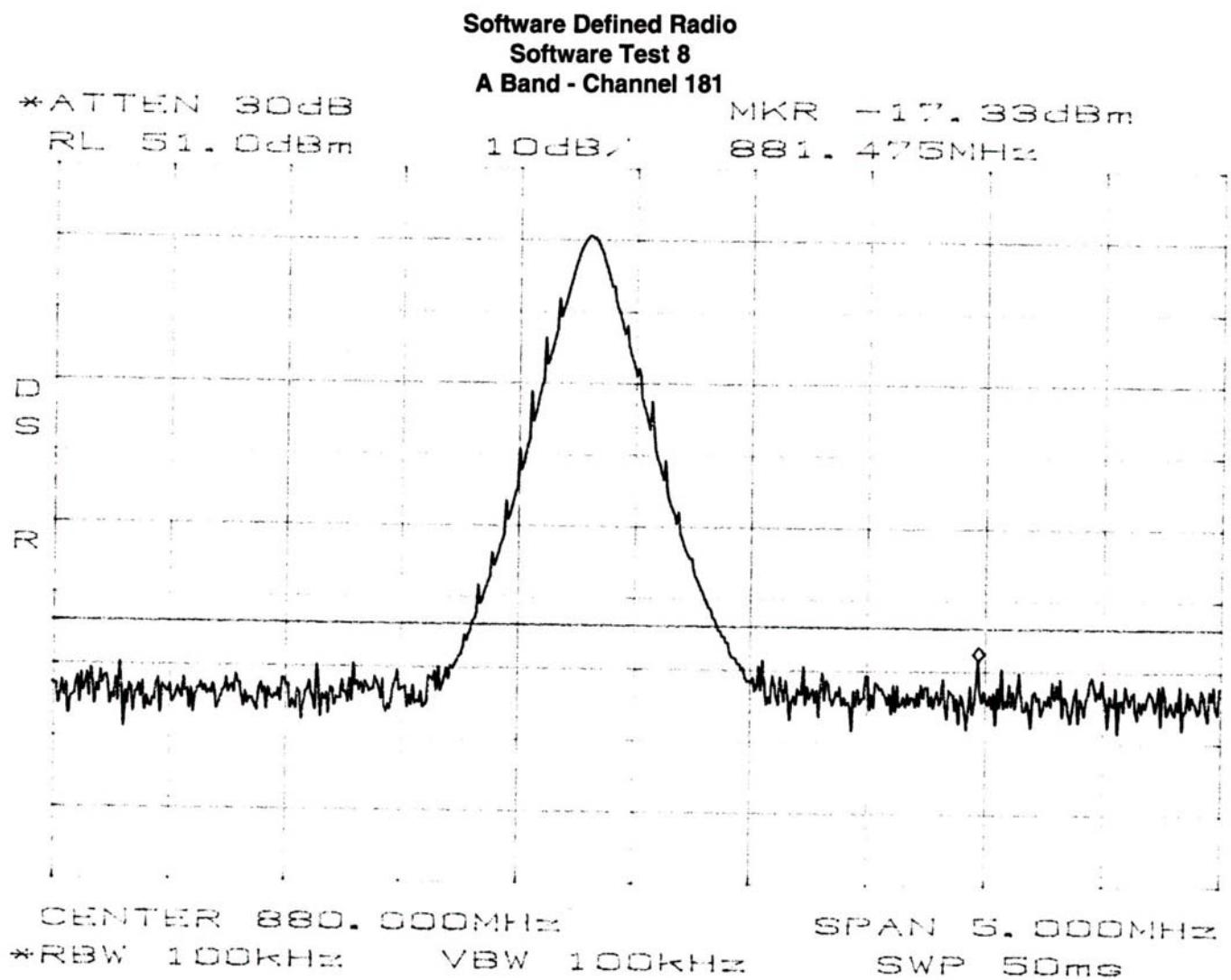
4.11.5108HZ

**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 10th 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

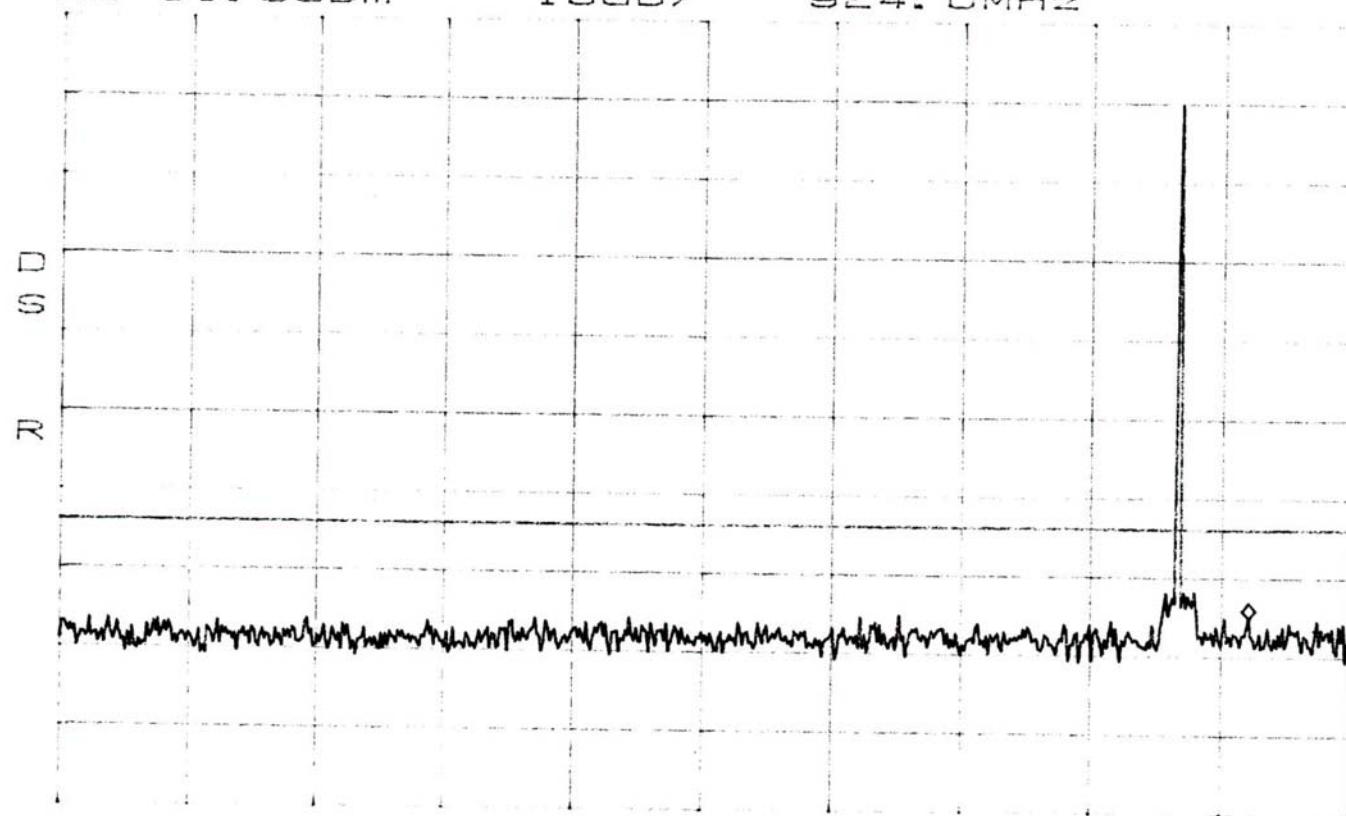
A Band - Channel 181

*ATTEN 30dB

RF 51.0dBm

MKR -24.00dBm

924.0MHz



START 30.0MHz

STOP 1.0000GHz

*RBW 100kHz

VBW 100kHz

SWP 250ms

Software Defined Radio

Software Test 8

A Band - Channel 181

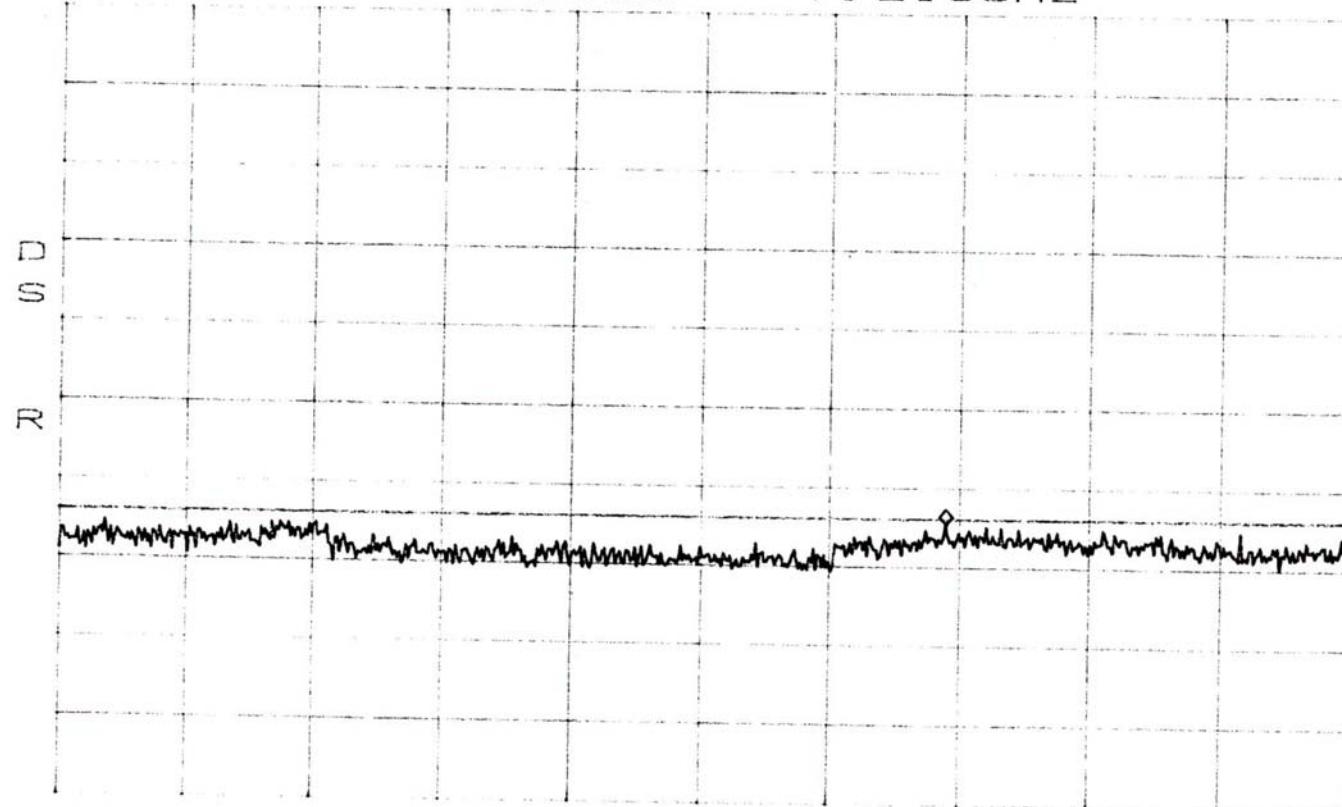
*ATTENZ 100

RF S1, 0dBm

MKR -13.50dBm

✓ BPO 2

7. 210GHz



START 1,000GHZ

STOP 10. 0000GHz

*RBW 1. OMHN

VBW 1.0MHz

SWP 180ms

Software Defined Radio

Software Test 8

B Band - Channel 217

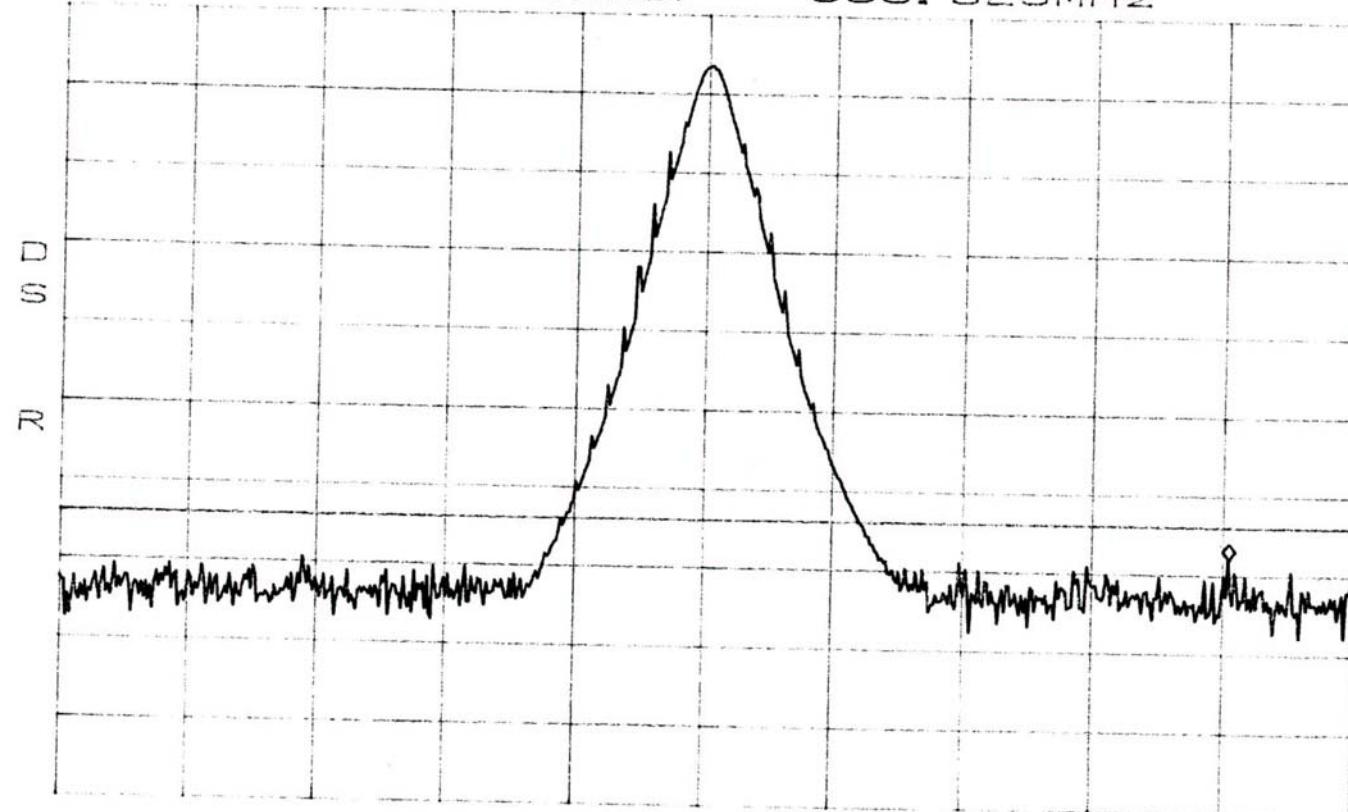
*ATTEN 30dB

RF 51.0dBm

10dB/

MKR -16.83dBm

889.025MHz



*RBW 100KHz

VBW 100KHz

SPAN 5.000MHz

SWP 50ms

**Software Defined Radio
Software Test 8
B Band - Channel 217**

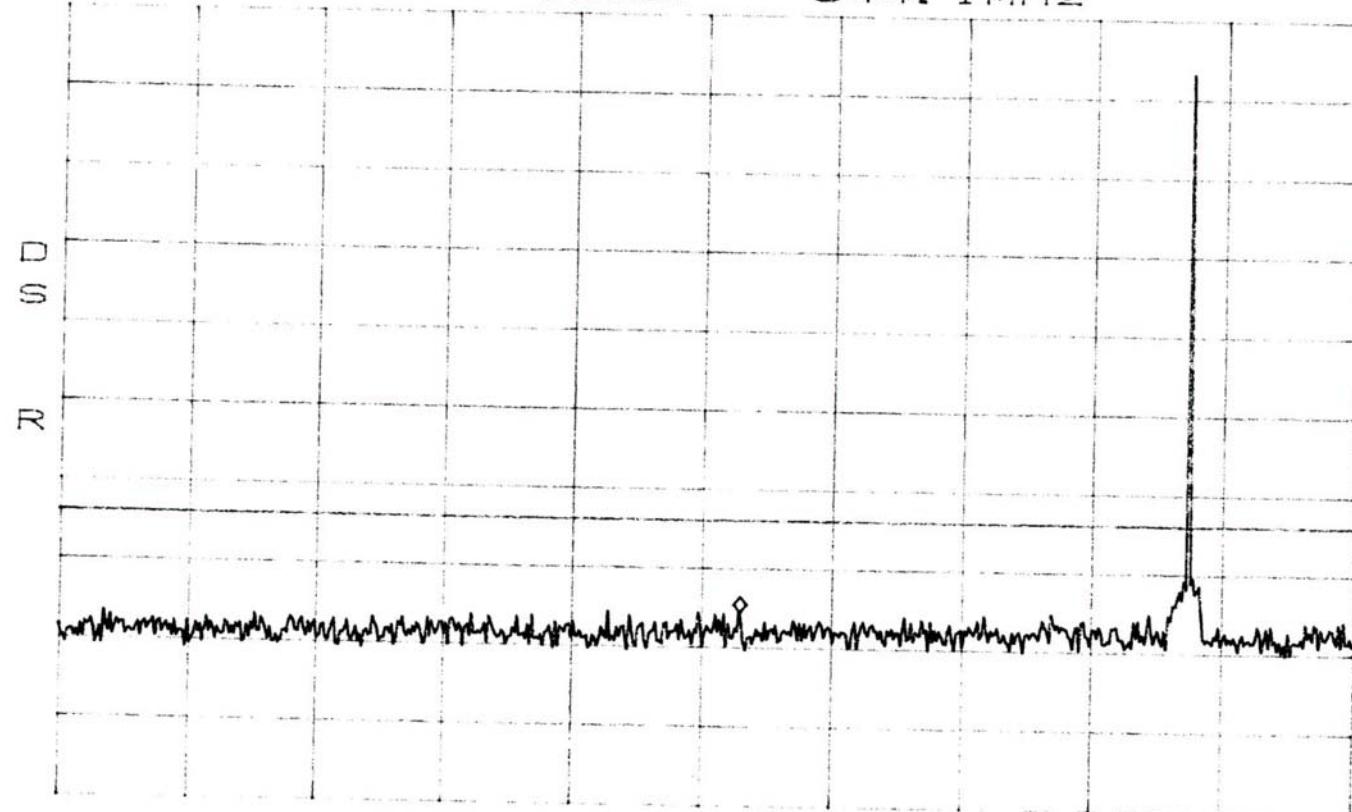
*ATTEN 30dB

RL 51.0dBm

MKR -24.50dBm

10dB/

544.1MHz



START 30.0MHz

STOP 1.0000GHz

*RBW 100KHz

VBW 100KHz

SWP 250ms

Software Defined Radio

Software Test 8

B Band - Channel 217

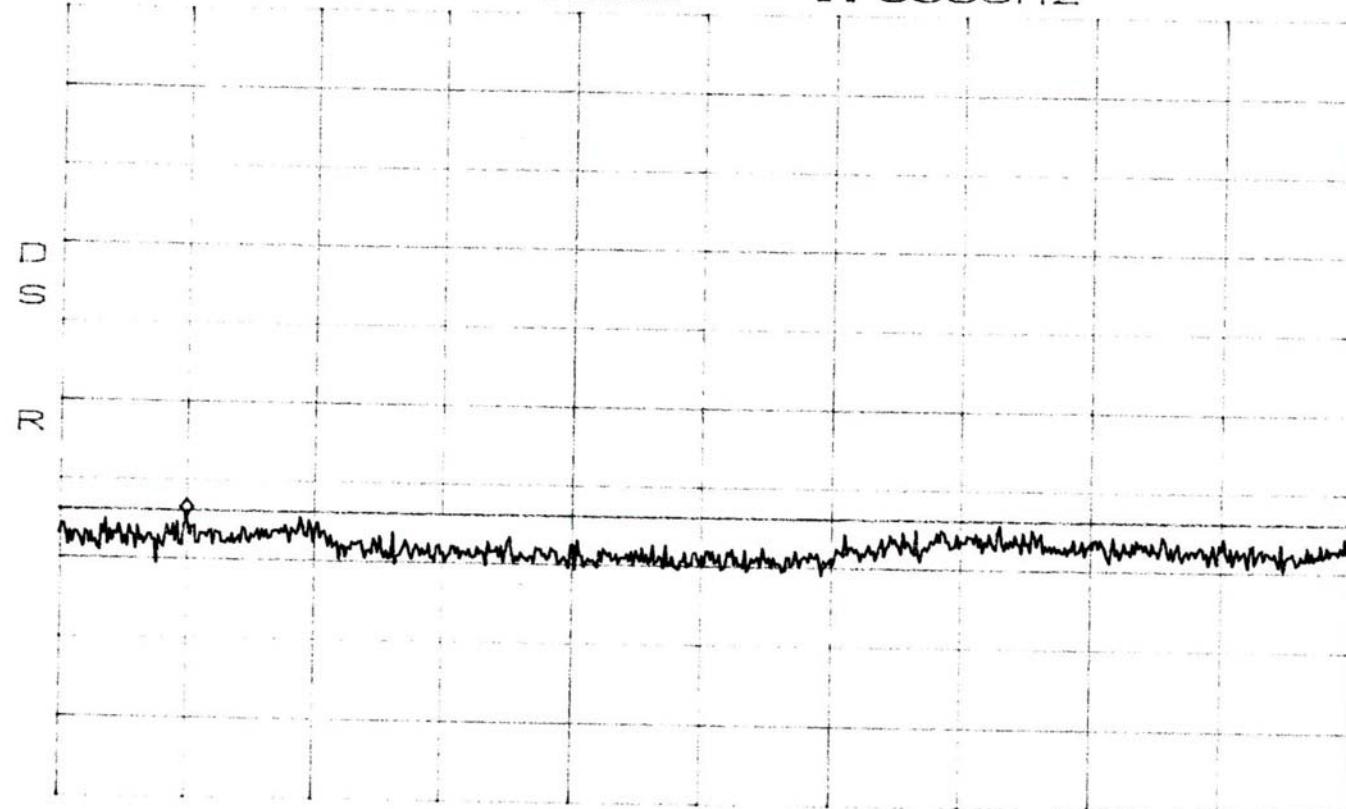
***ATTEN 30dB**

RL 51.0dBm

MKR -13.33dBm

10dB/

1.900GHz



START 1.000GHz

STOP 10.000GHz

***RBW 1.0MHz**

VBW 1.0MHz

SWP 180ms

**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:

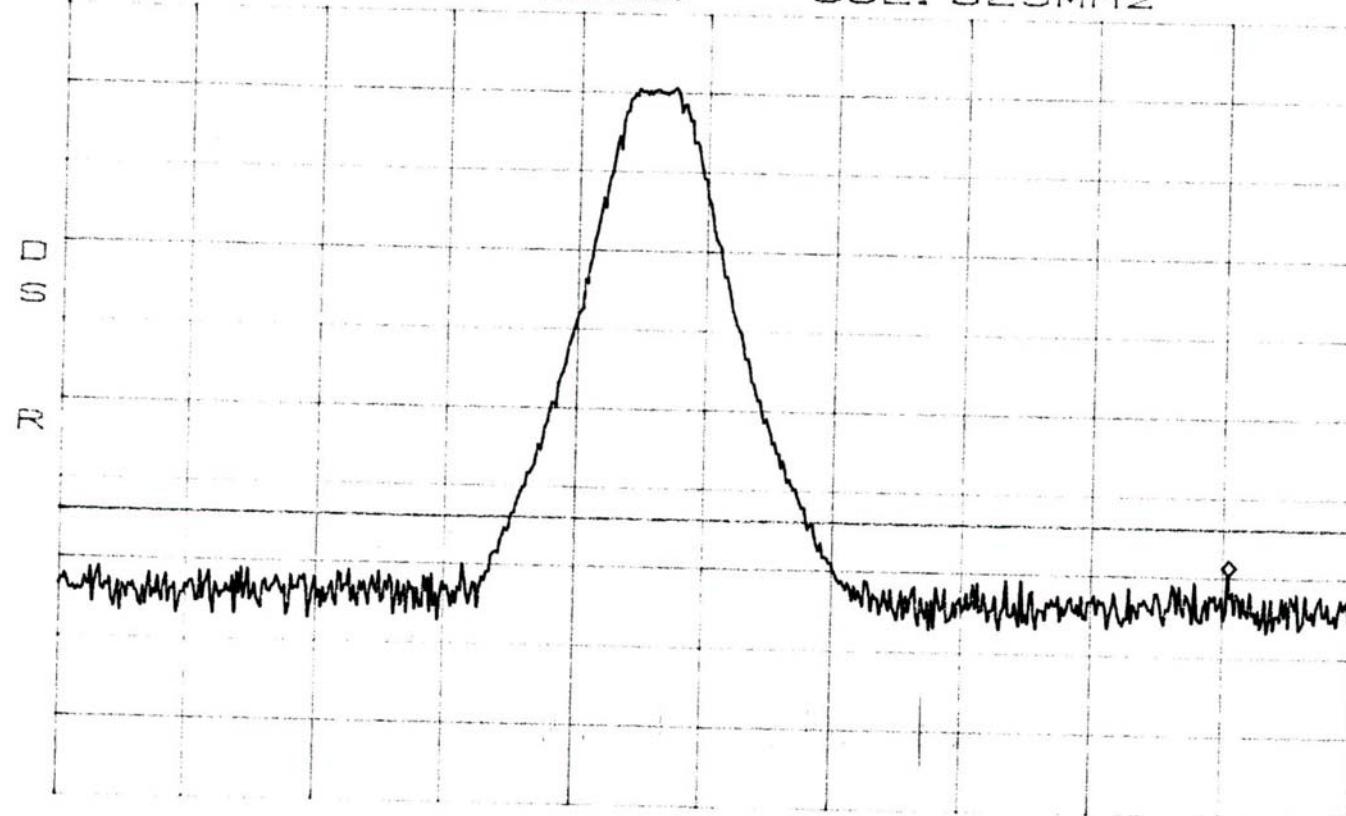
Pass (see plots)

Software Defined Radio
Software Test 9
A Band - Channel 181

*ATTEN 30dB
RL 51.0dBm

10dB/

MKR -18.67dBm
882.025MHz



CENTER 880.000MHz

*RBW 100KHz

VBW 100KHz

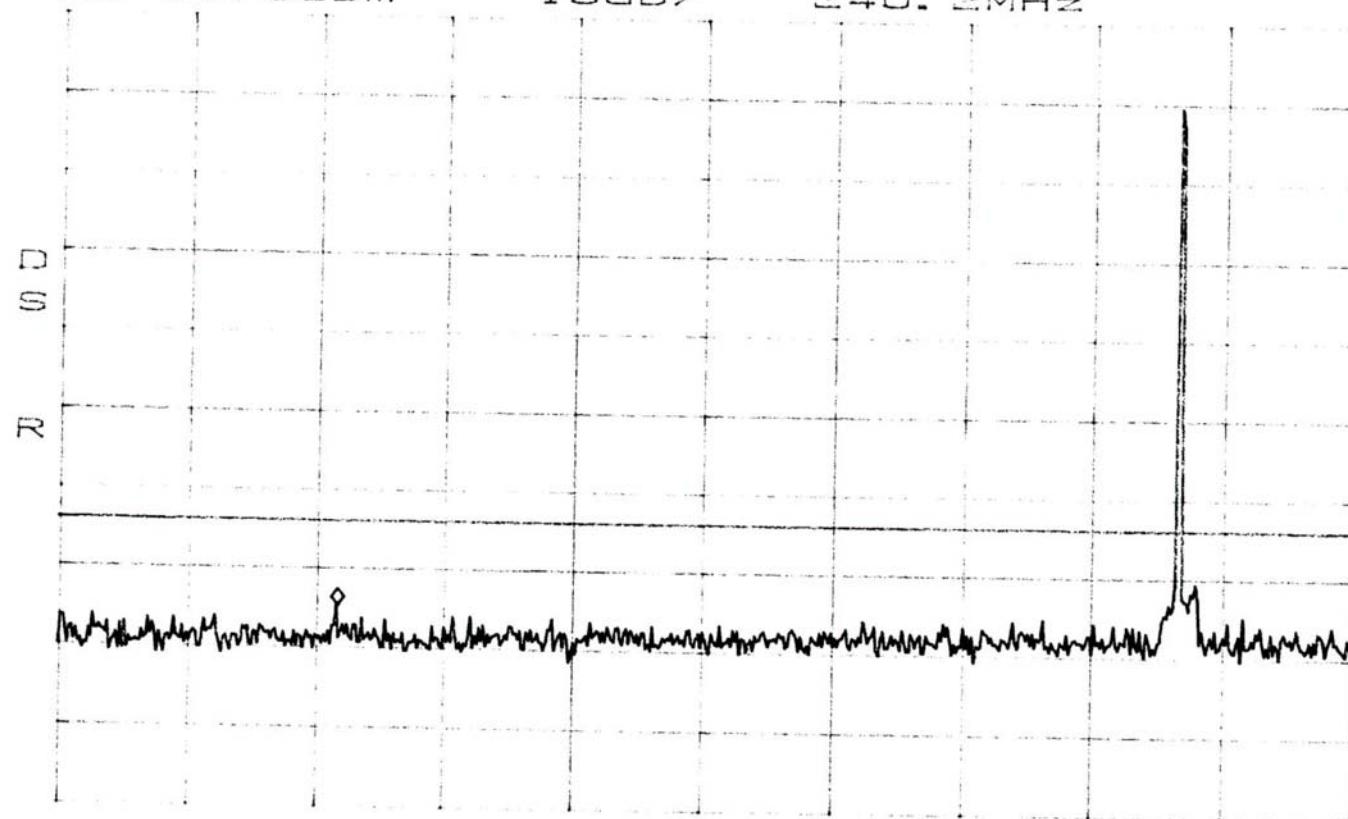
SPAN 5.000MHz

SWP 50ms

Software Defined Radio
Software Test 9
A Band - Channel 181

*ATTEN 30dB
RF 51.0dBm

MKR -23.50dBm
240.2MHz



START 30.0MHz

STOP 1.0000GHz

*RBW 100kHz

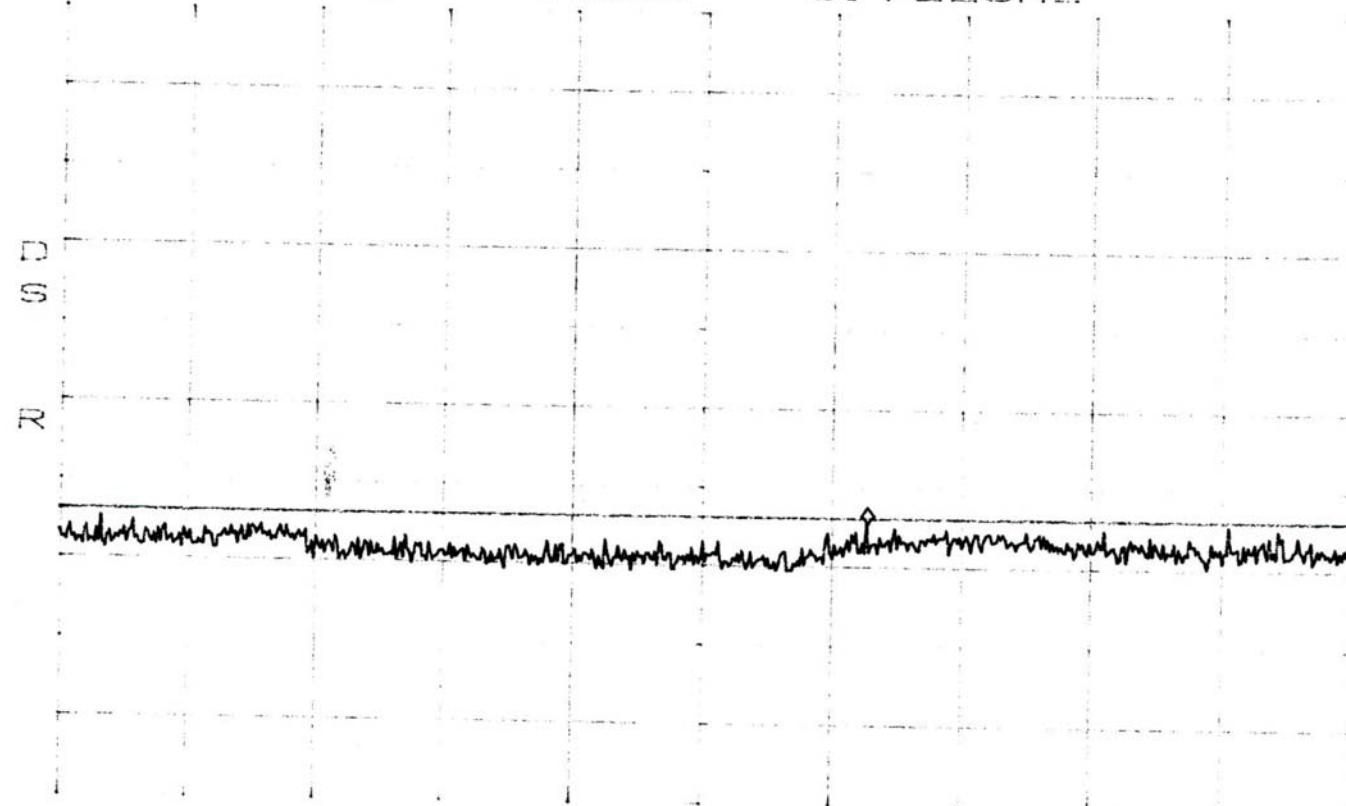
VBW 100kHz

SWP 250ms

**Software Defined Radio
Software Test 9
A Band - Channel 181**

*ATTEN 30dB
RL 51.0dBm

MKR -13.33dBm
6.722GHz



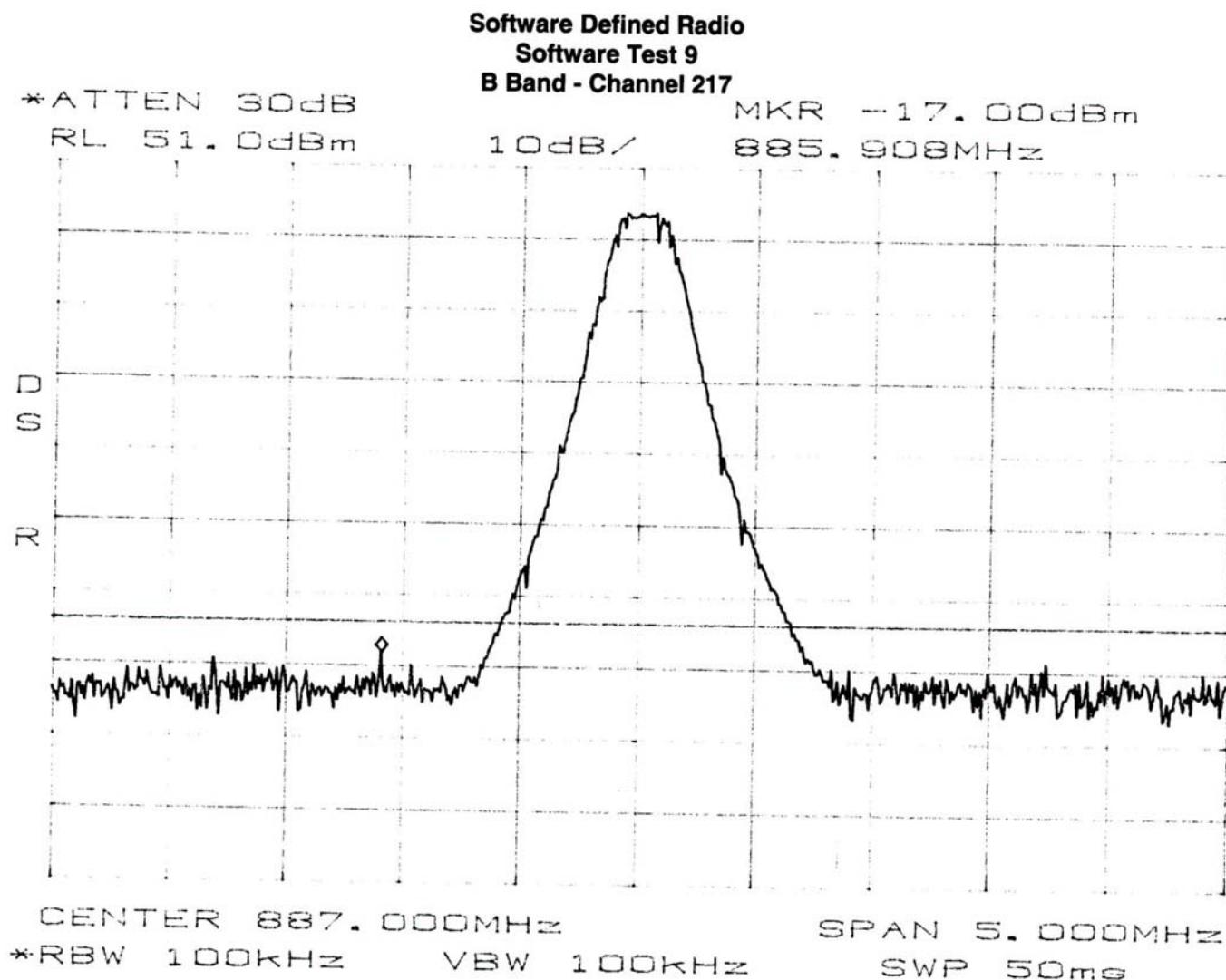
START 1.179GHz

STOP 10.000GHz

*RBW 1.0MHz

VBW 1.0MHz

SWP 180ms



Software Defined Radio

Software Test 9

B Band - Channel 217

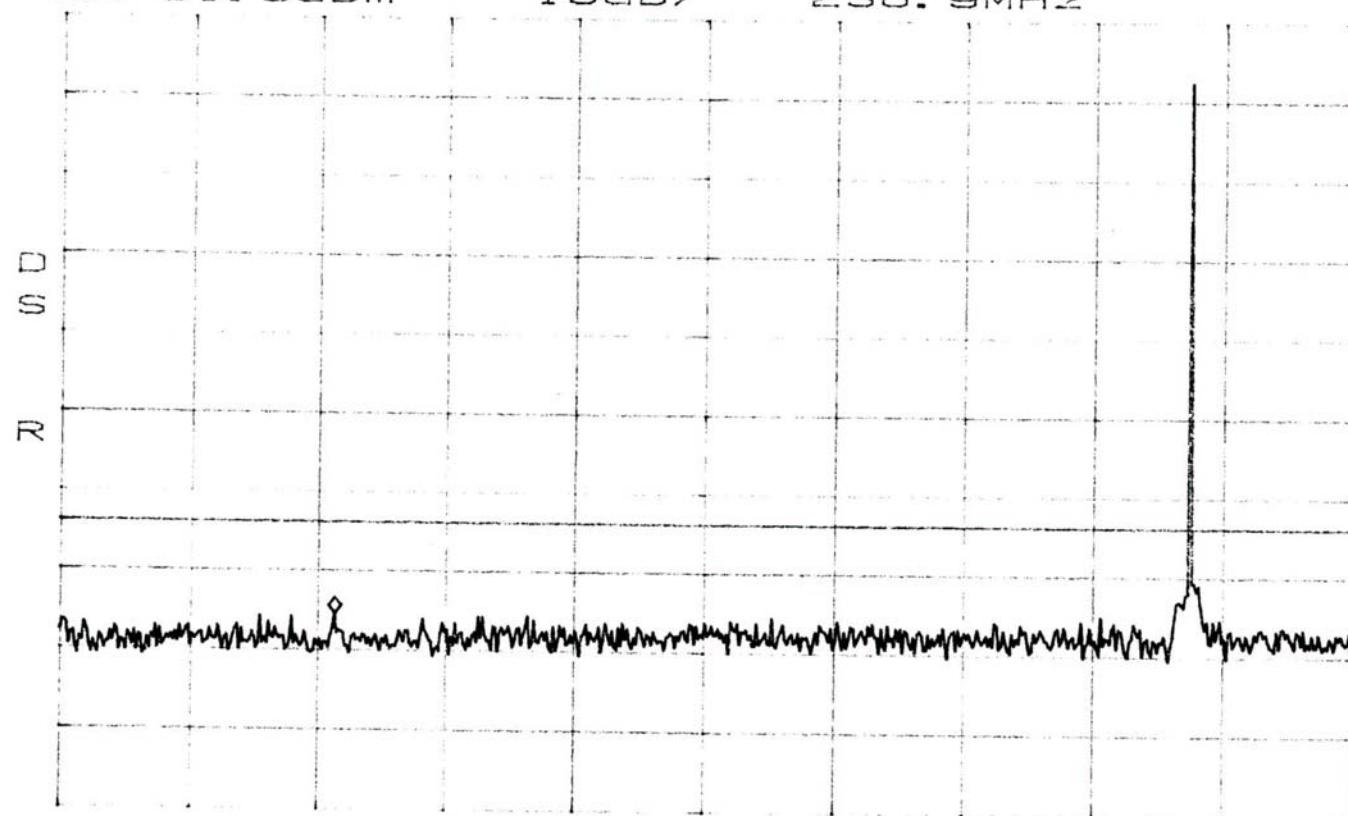
*ATTEN 30dB

R 51.0dBm

10dB/

MKR -24.33dBm

236.9MHz



START 30.0MHz

STOP 1.0000GHz

*RBW 100kHz

VBW 100kHz

SWP 250ms

Software Defined Radio

Software Test 9

B Band - Channel 217

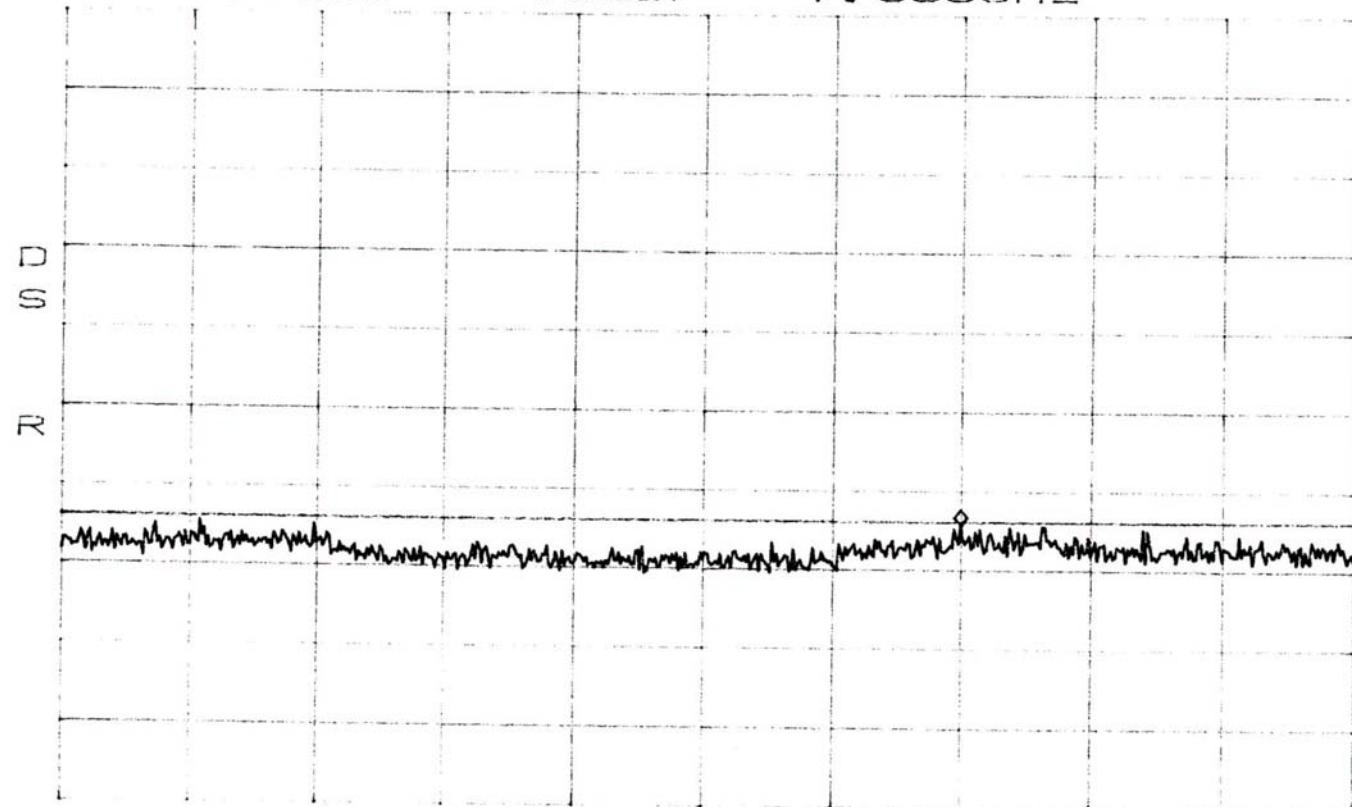
*ATTEN 30dB

RF 51.0dBm

10dB/

MKR -13.17dBm

7.300GHz



START 1.000GHz

STOP 10.000GHz

*RBW 1.0MHz

VBW 1.0MHz

SWP 180ms