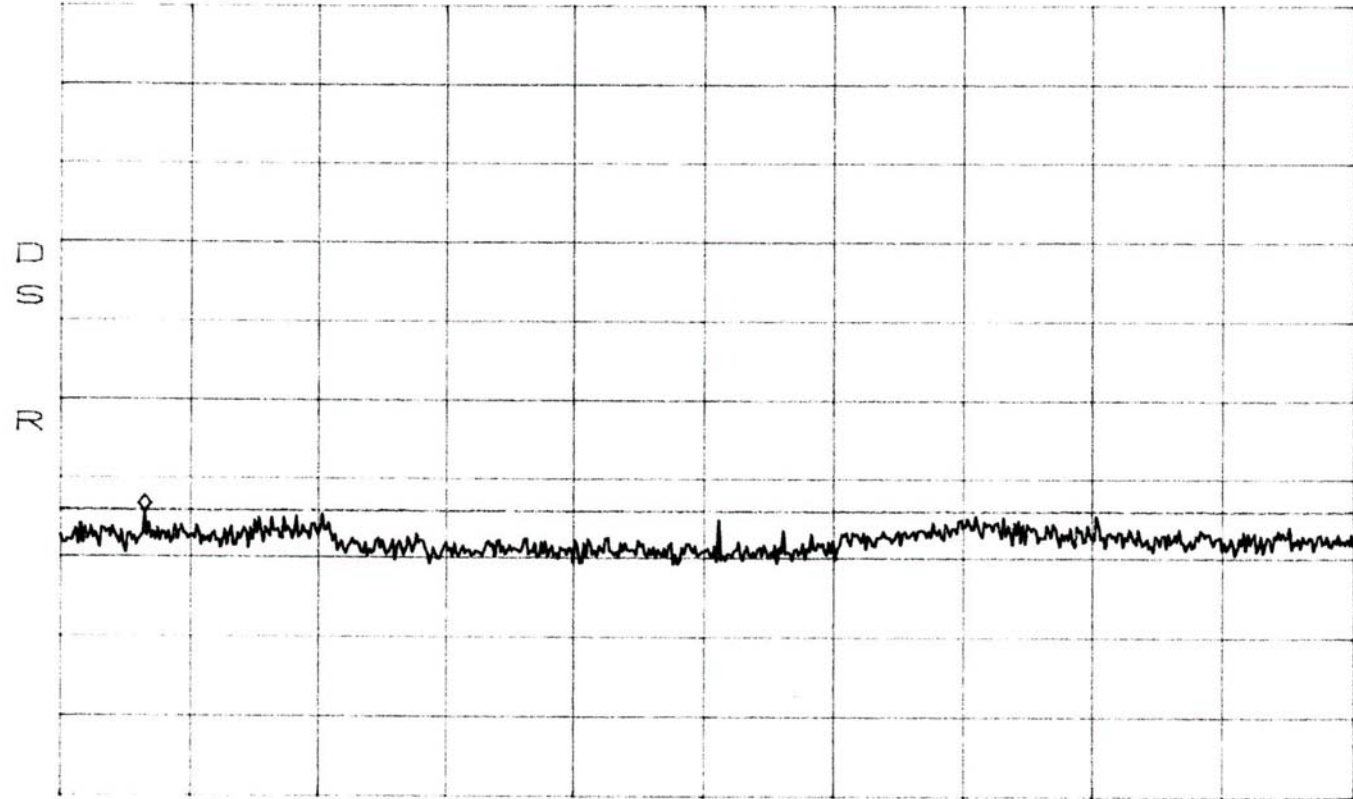


Software Defined Radio
Software Test 4
B Band - Channel 217

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:

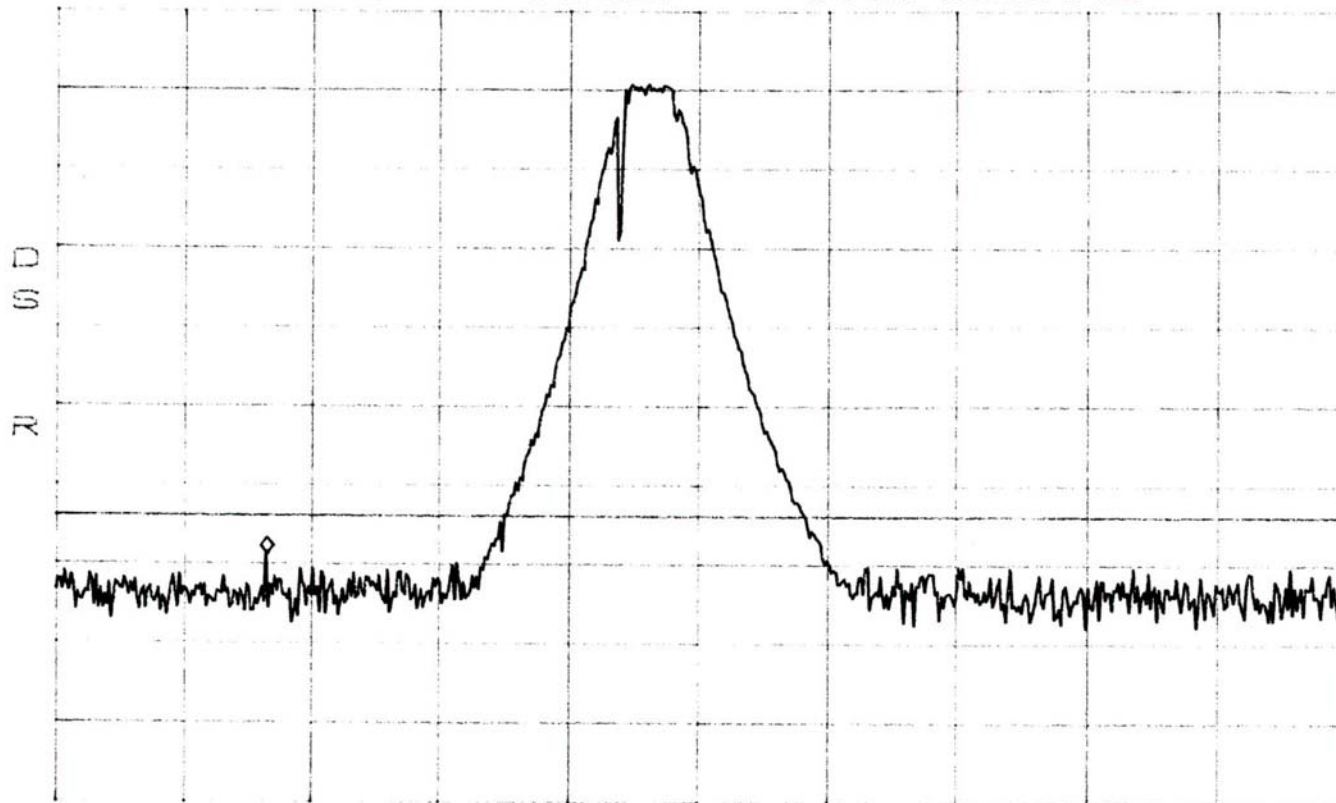
Pass (see plots)

Software Defined Radio
Software Test 5
A Band - Channel 181

*ATTEN 30dB
RL 51.0dBm

10dB/

MKR -17.67dBm
878.325MHz



CENTER 880.000MHz
*RBW 100kHz VBW 100kHz

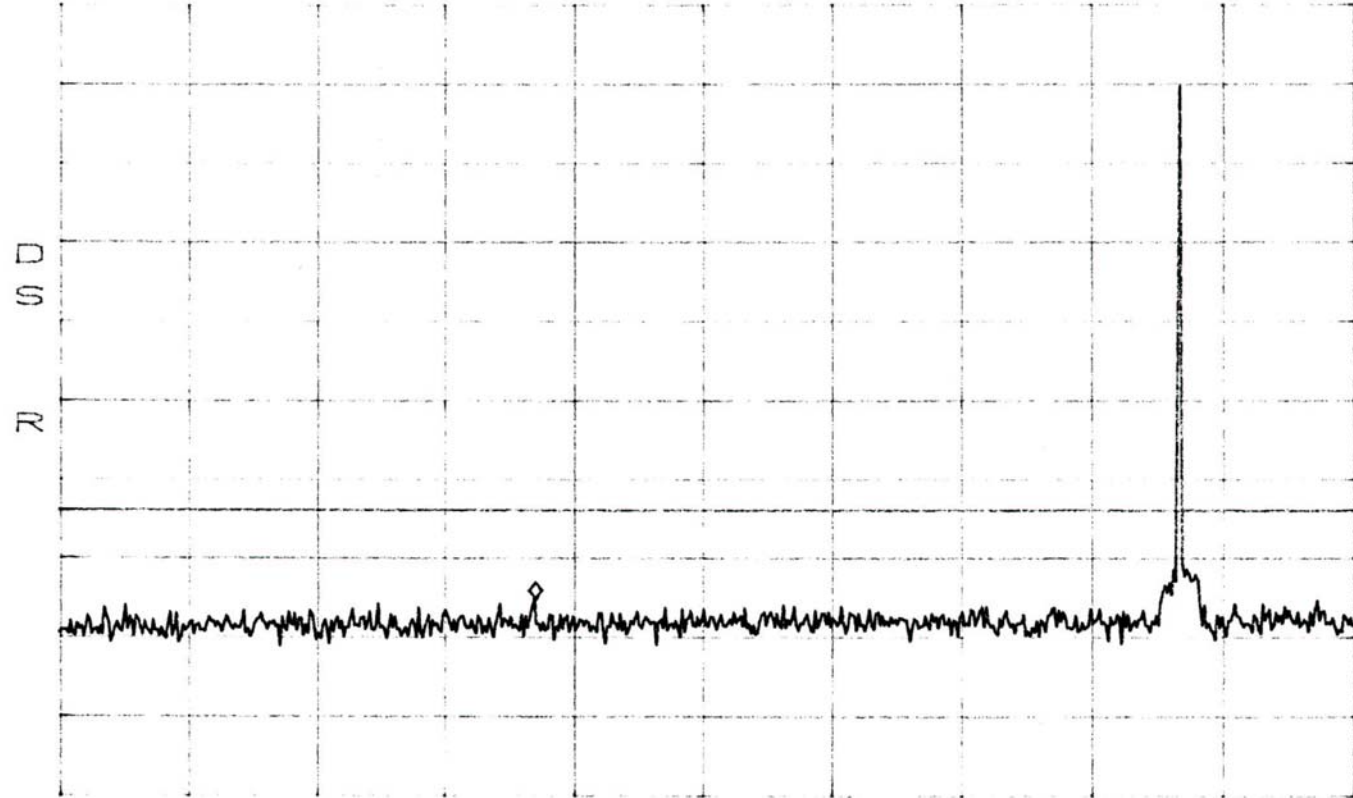
SPAN 5.000MHz
SWP 50ms

Software Defined Radio
Software Test 5
A Band - Channel 181

*ATTEN 30dB
RL 51.0dBm

10dB/

MKR -24.00dBm
388.9MHz



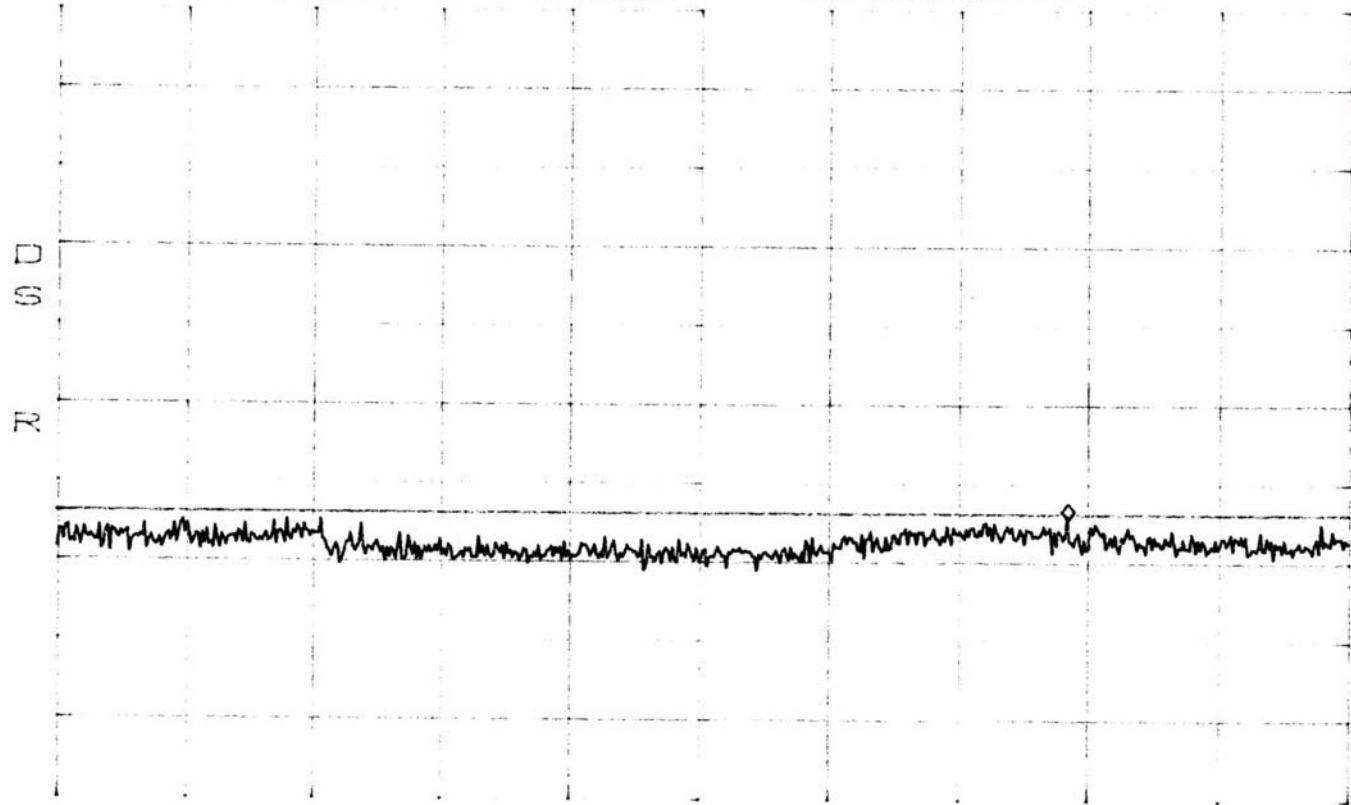
START 30.0MHz STOP 1.0000GHz
*RBW 100kHz VBW 100kHz SWP 250ms

Software Defined Radio
Software Test 5
A Band - Channel 181

*ATTEN 30dB
RL 51.0dBm

10dB/

MKR -13.33dBm
8.065GHz



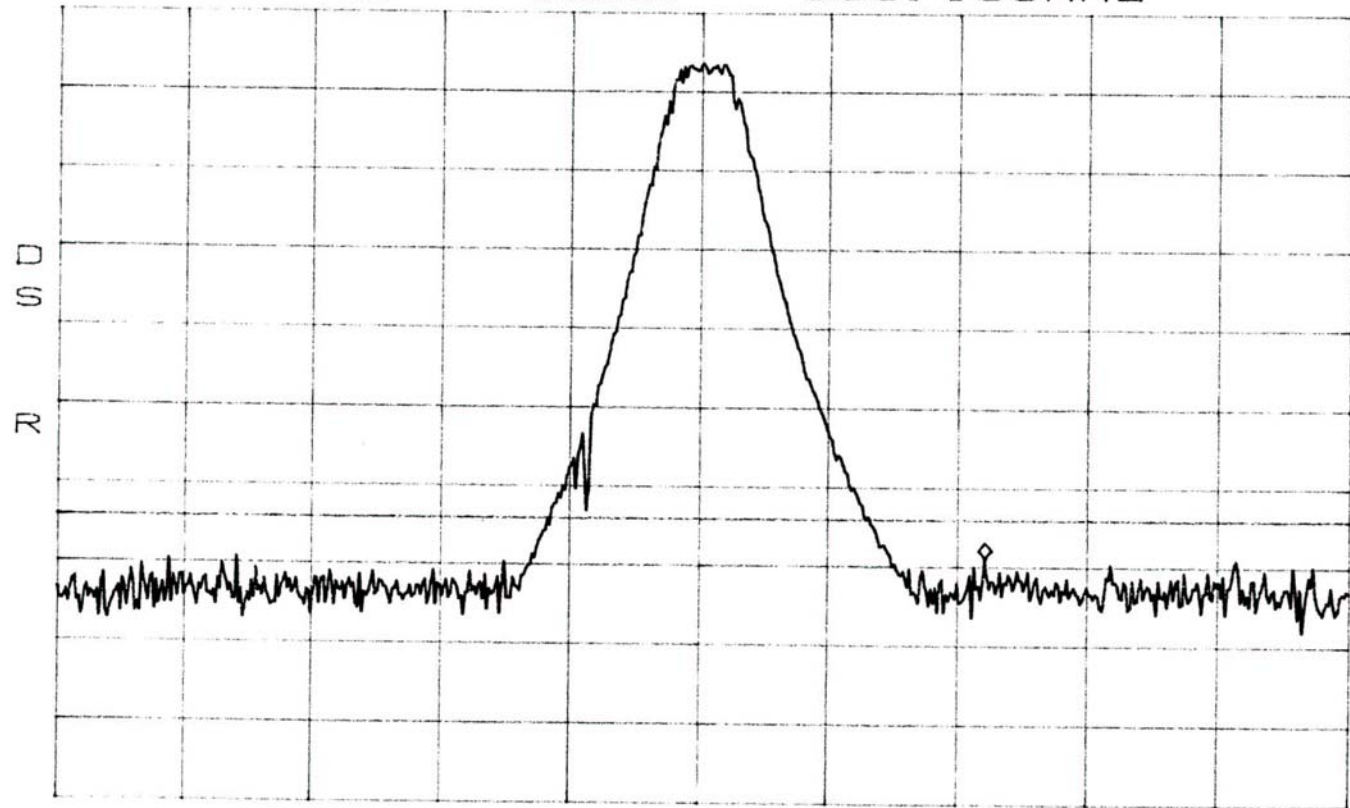
START 1.000GHz STOP 10.000GHz
*RBW 1.0MHz VBW 1.0MHz SWP 180ms

Software Defined Radio
Software Test 5
B Band - Channel 217

*ATTEN 30dB
RL 51.0dBm

10dB/

MKR -17.83dBm
888.108MHz



CENTER 887.000MHz

SPAN 5.000MHz

*RBW 100kHz

VBW 100kHz

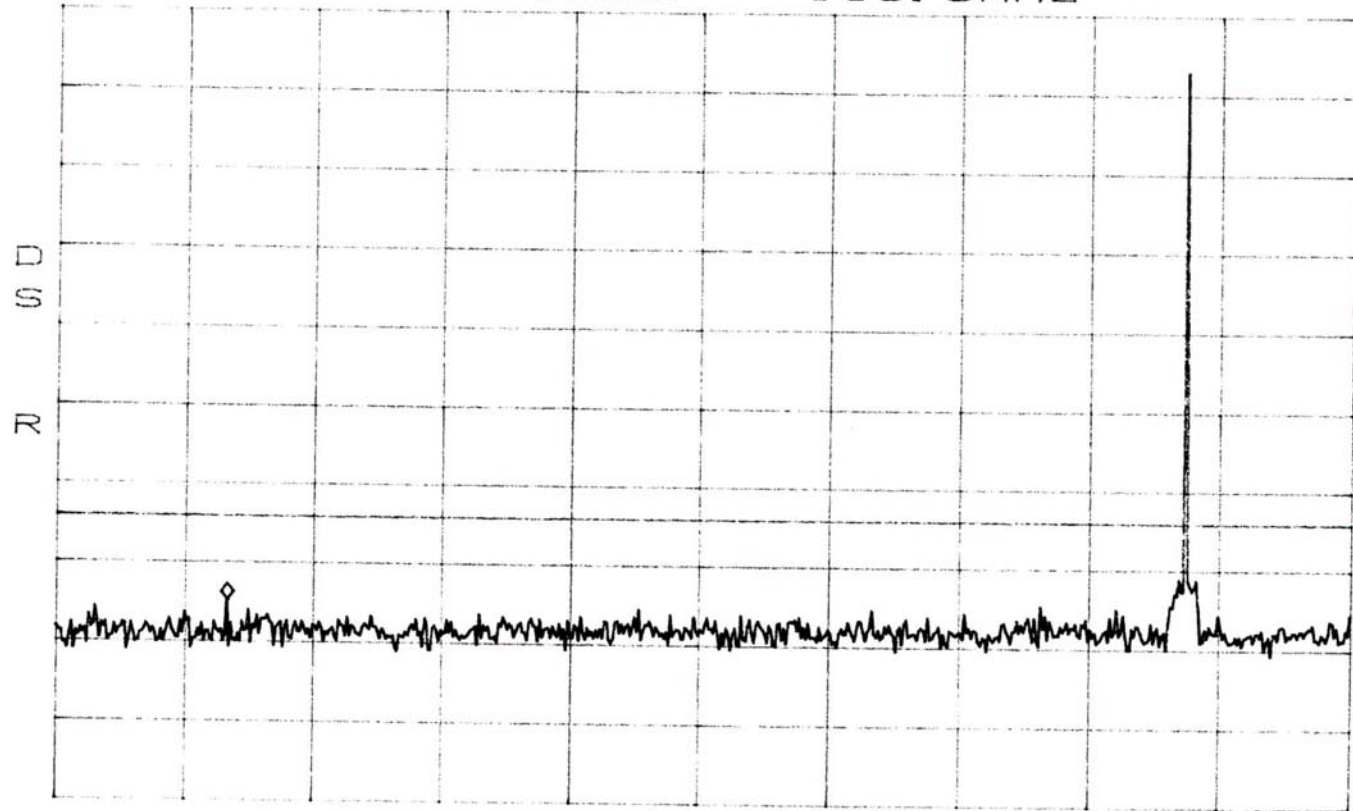
SWP 50ms

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

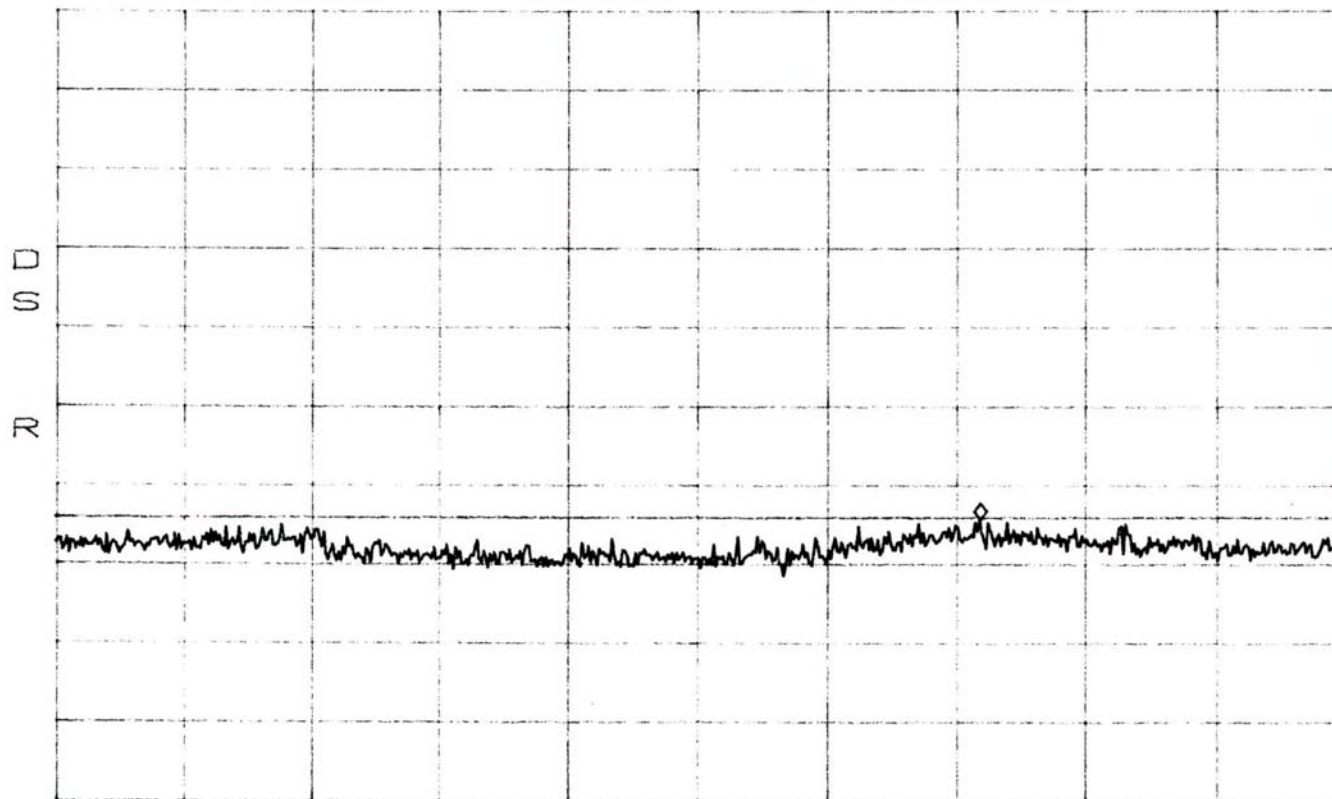
*ATTEN 30dB

RL 51.0dBm

10dB/

MKR -13.17dBm

7.465GHz



START 1.000GHz

STOP 10.000GHz

*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:

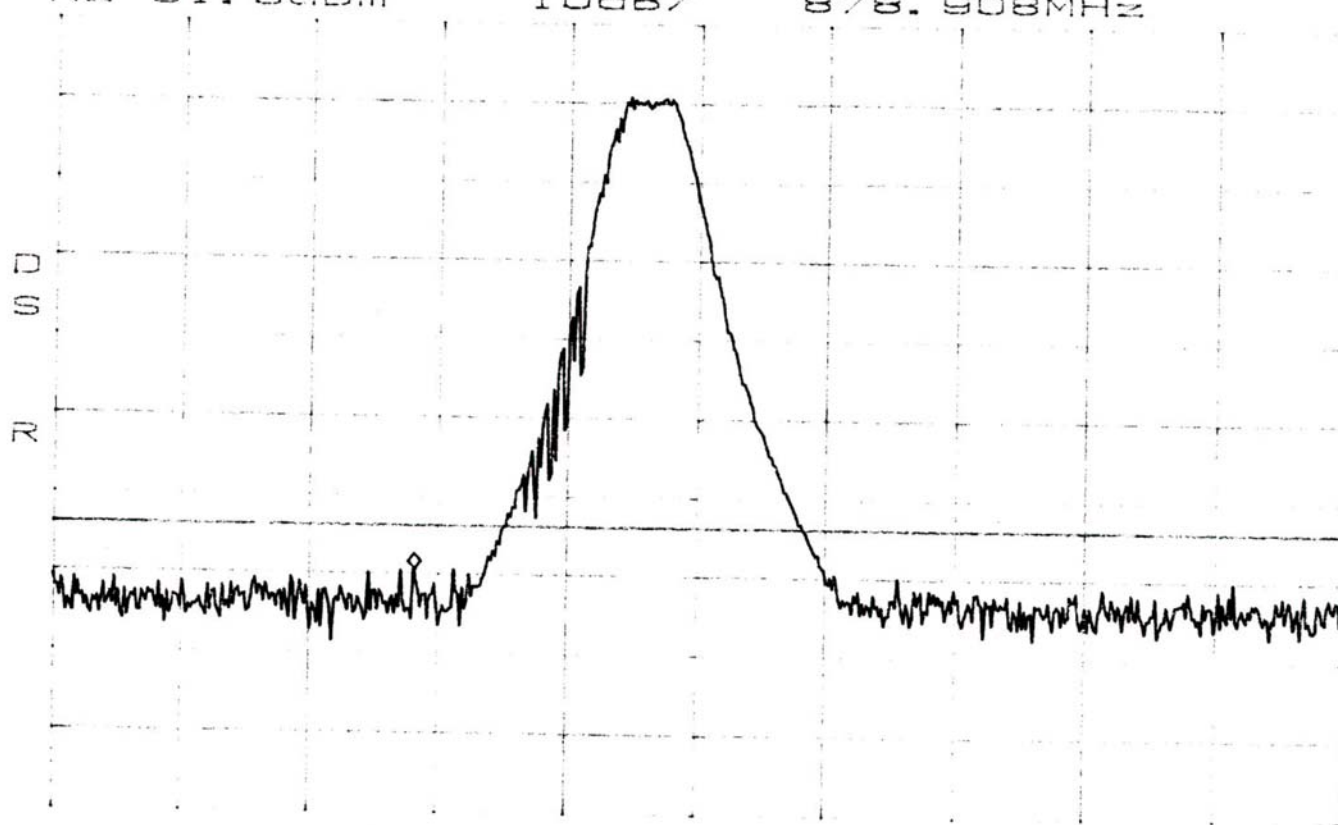
Pass (see plots)

Software Defined Radio
Software Test 6
A Band - Channel 181

*ATTEN 30dB
RL 51.0dBm

10dB/

MKR -18.33dBm
878.908MHz



CENTER 880.000MHz

*RBW 100kHz VBW 100kHz

SPAN 5.000MHz

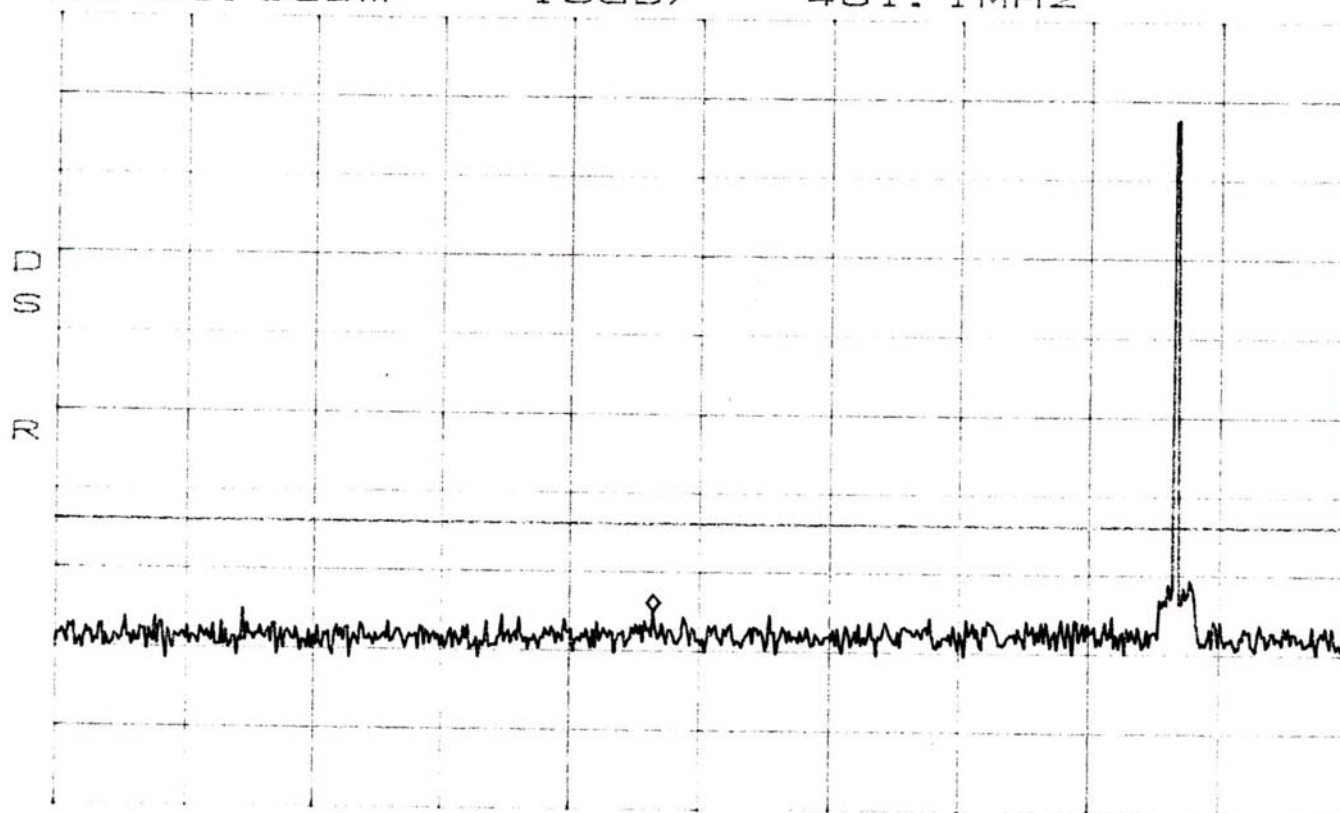
SWP 50ms

Software Defined Radio
Software Test 6
A Band - Channel 181

*ATTEN 30dB
RL 51.0dBm

10dB/
481.1MHz

MKR -23.83dBm



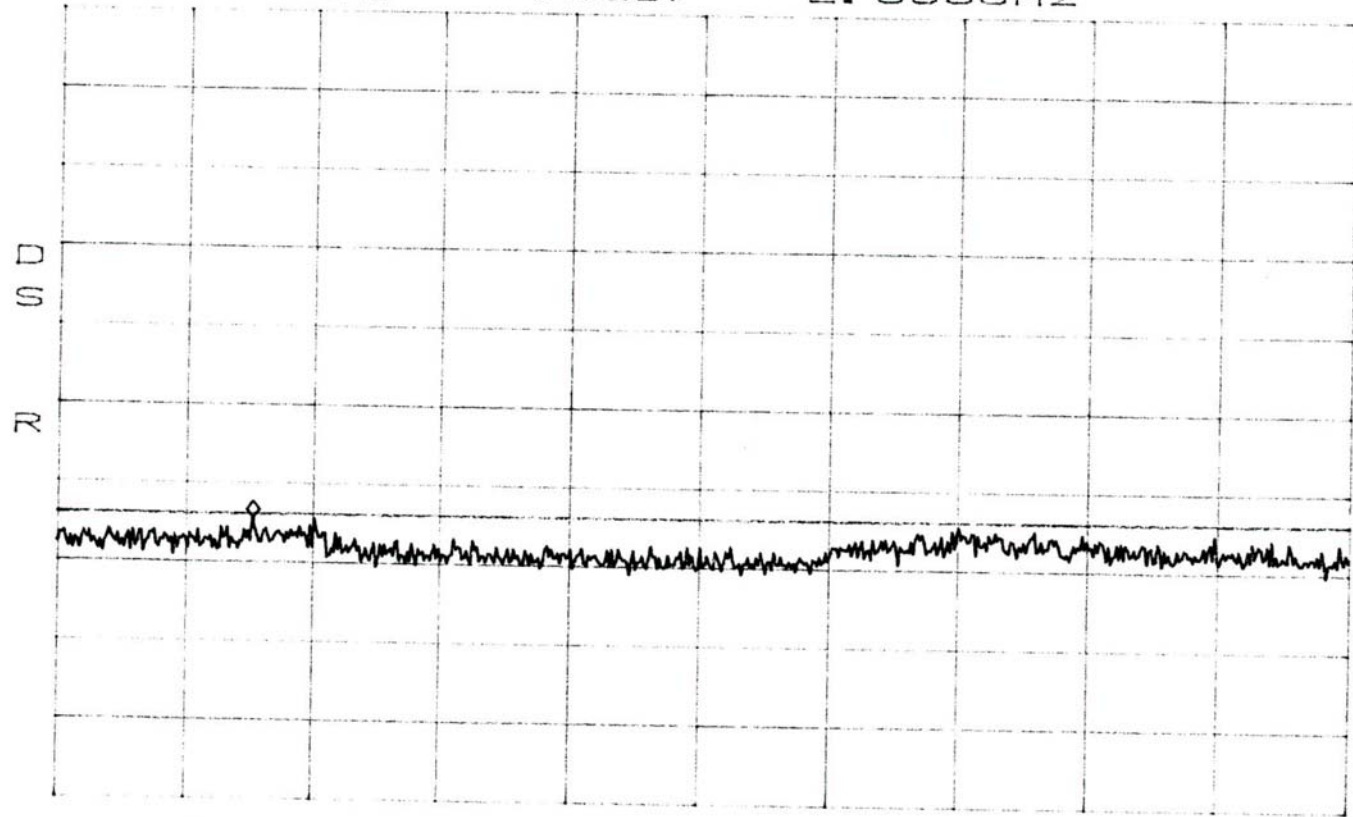
START 30.0MHz STOP 1.0000GHz
*RBW 100kHz VBW 100kHz SWP 250ms

Software Defined Radio
Software Test 6
A Band - Channel 181

*ATTEN 30dB
RL 51.0dBm

10dB/

MKR -13.33dBm
2.380GHz



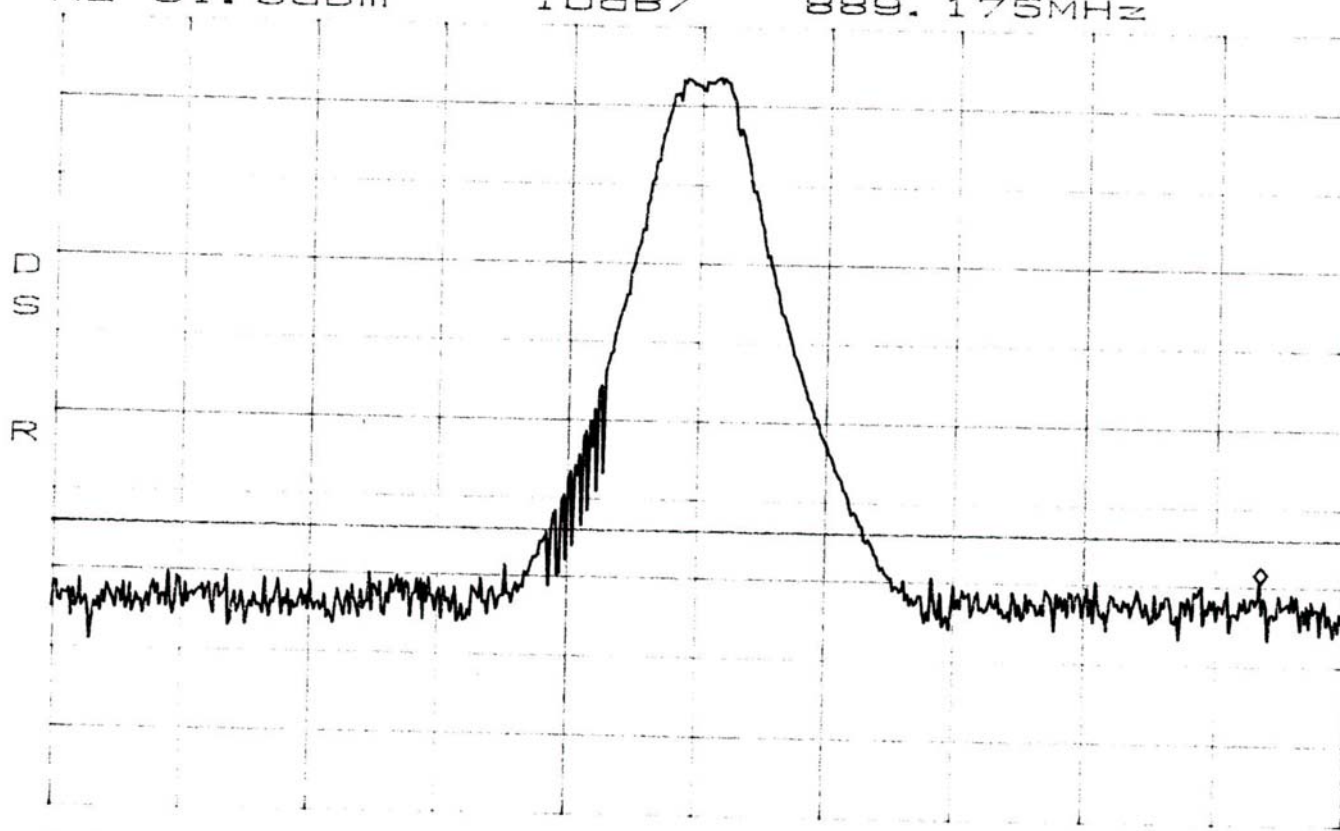
START 1.000GHz STOP 10.000GHz
*RBW 1.0MHz VBW 1.0MHz SWP 180ms

Software Defined Radio
Software Test 6
B Band - Channel 217

*ATTEN 30dB
RL 51.0dBm

10dB/

MKR -18.33dBm
889.175MHz



CENTER 887.000MHz

SPAN 5.000MHz

*RBW 100kHz

VBW 100kHz

SWP 50ms

Software Defined Radio

Software Test 6

B Band - Channel 217

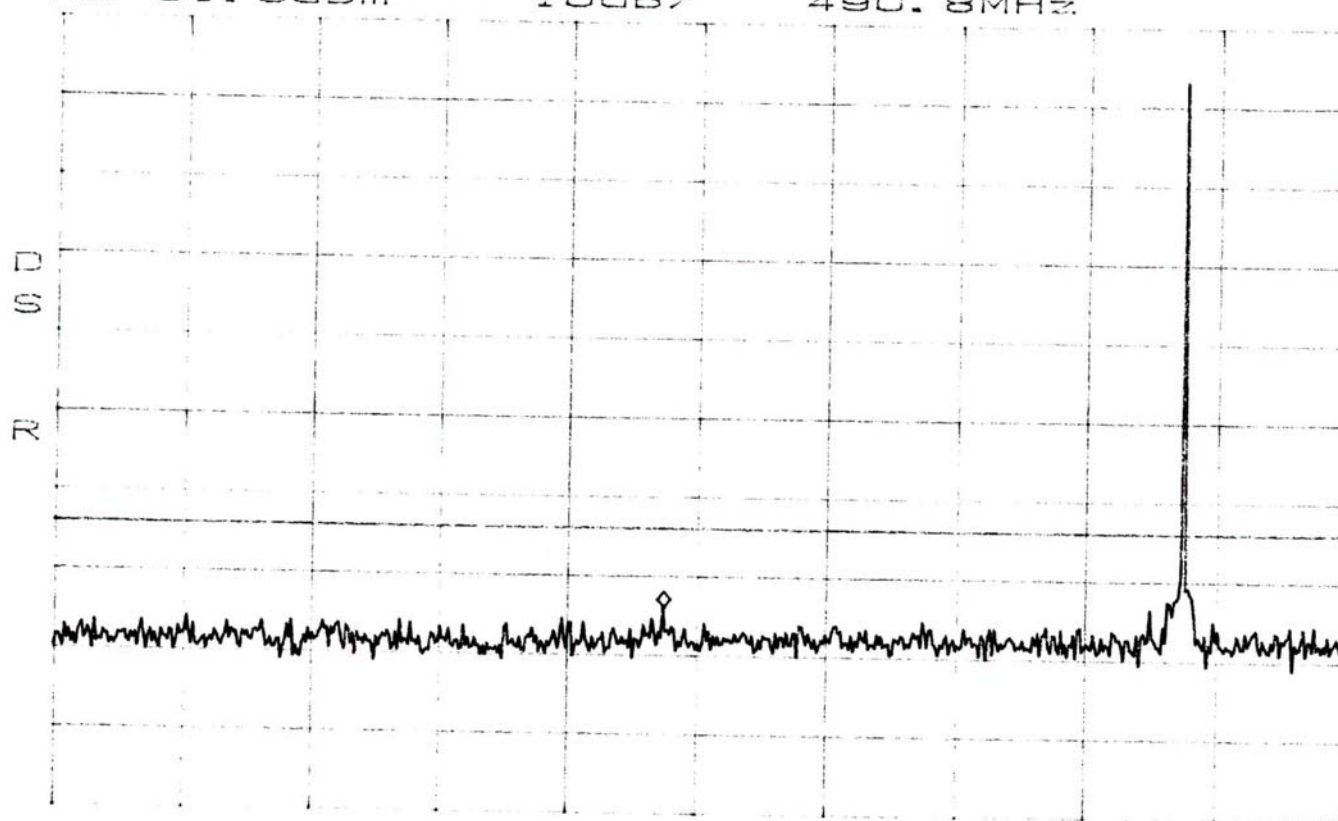
*ATTEN 30dB

RL 51.0dBm

10dB/

MKR -22.83dBm

490.8MHz



START 30.0MHz

STOP 1.0000GHz

*RBW 100kHz

VBW 100kHz

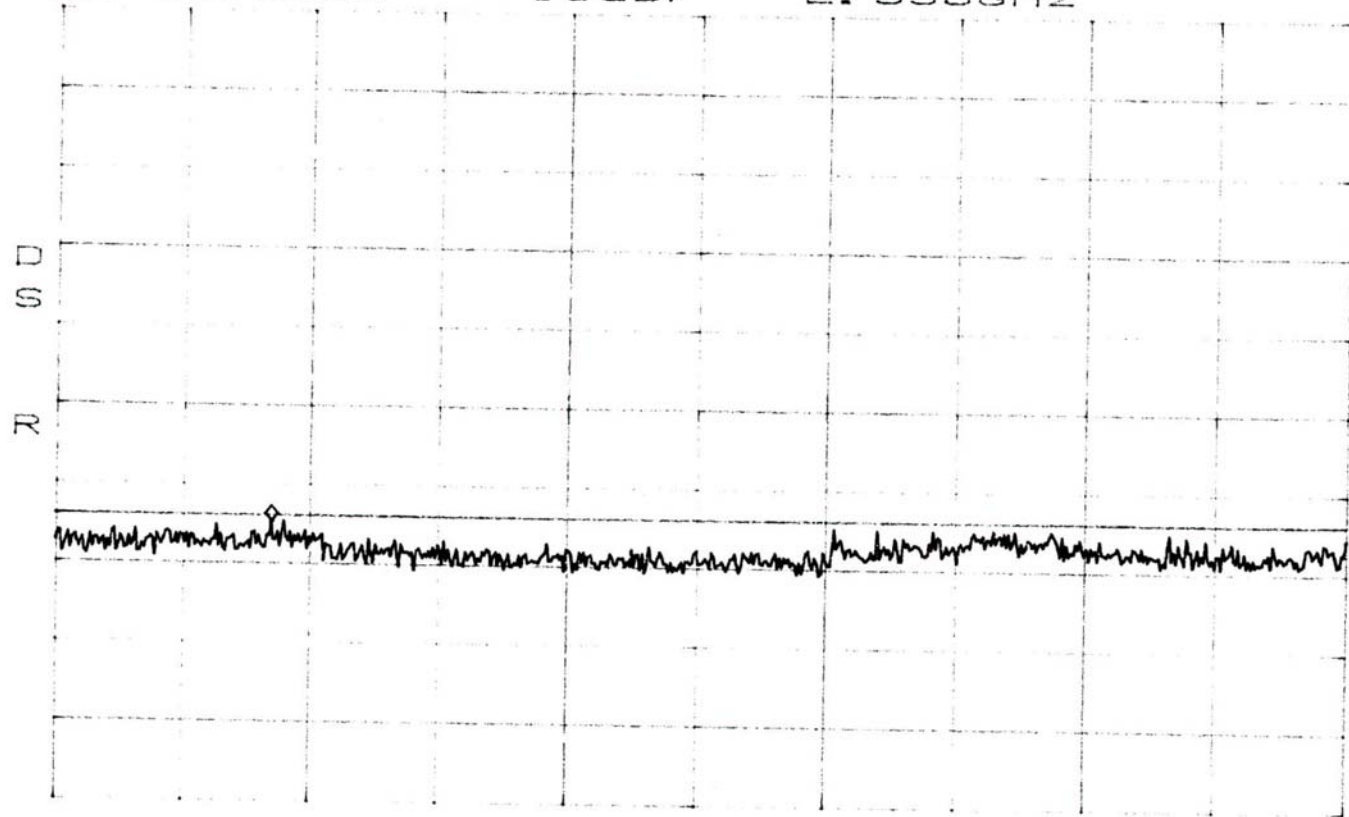
SWP 250ms

Software Defined Radio
Software Test 6
B Band - Channel 217

*ATTEN 30dB
RL 51.0dBm

10dB/

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:

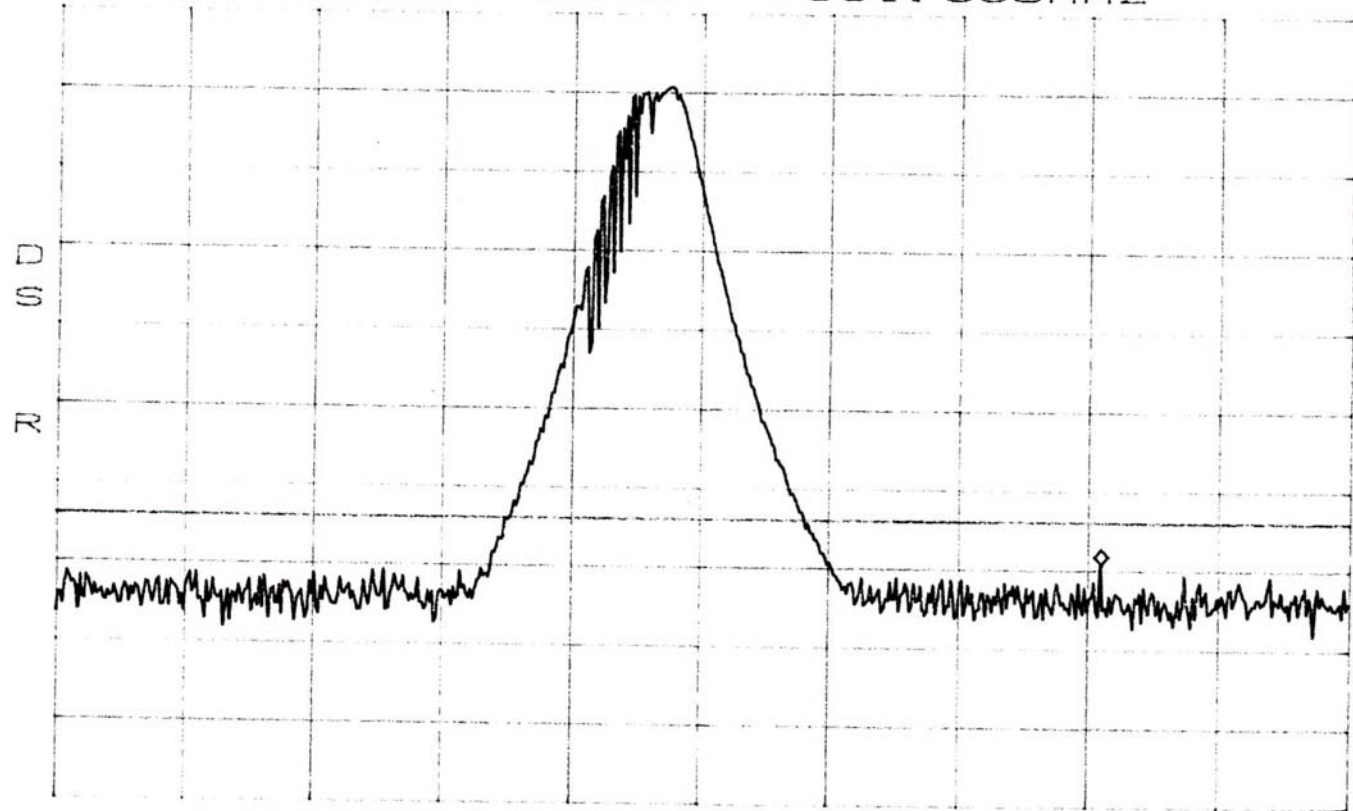
Pass (see plots)

Software Defined Radio
Software Test 7
A Band - Channel 181

*ATTEN 30dB
RL 51.0dBm

10dB/

MKR -18.17dBm
881.550MHz



CENTER 880.000MHz

SPAN 5.000MHz

*RBW 100kHz VBW 100kHz

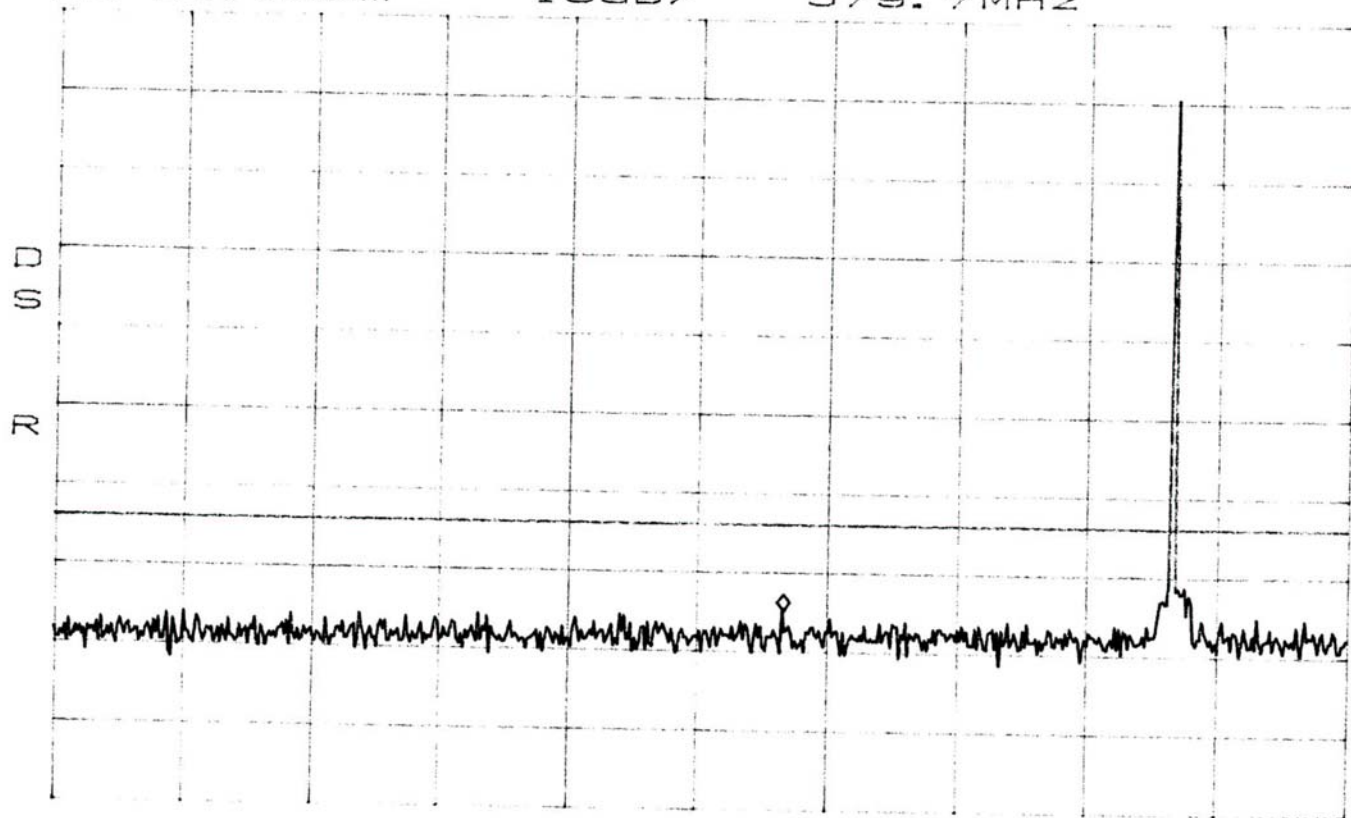
SWP 50ms

Software Defined Radio
Software Test 7
A Band - Channel 181

*ATTEN 30dB
RL 51.0dBm

10dB/

MKR -23.67dBm
579.7MHz



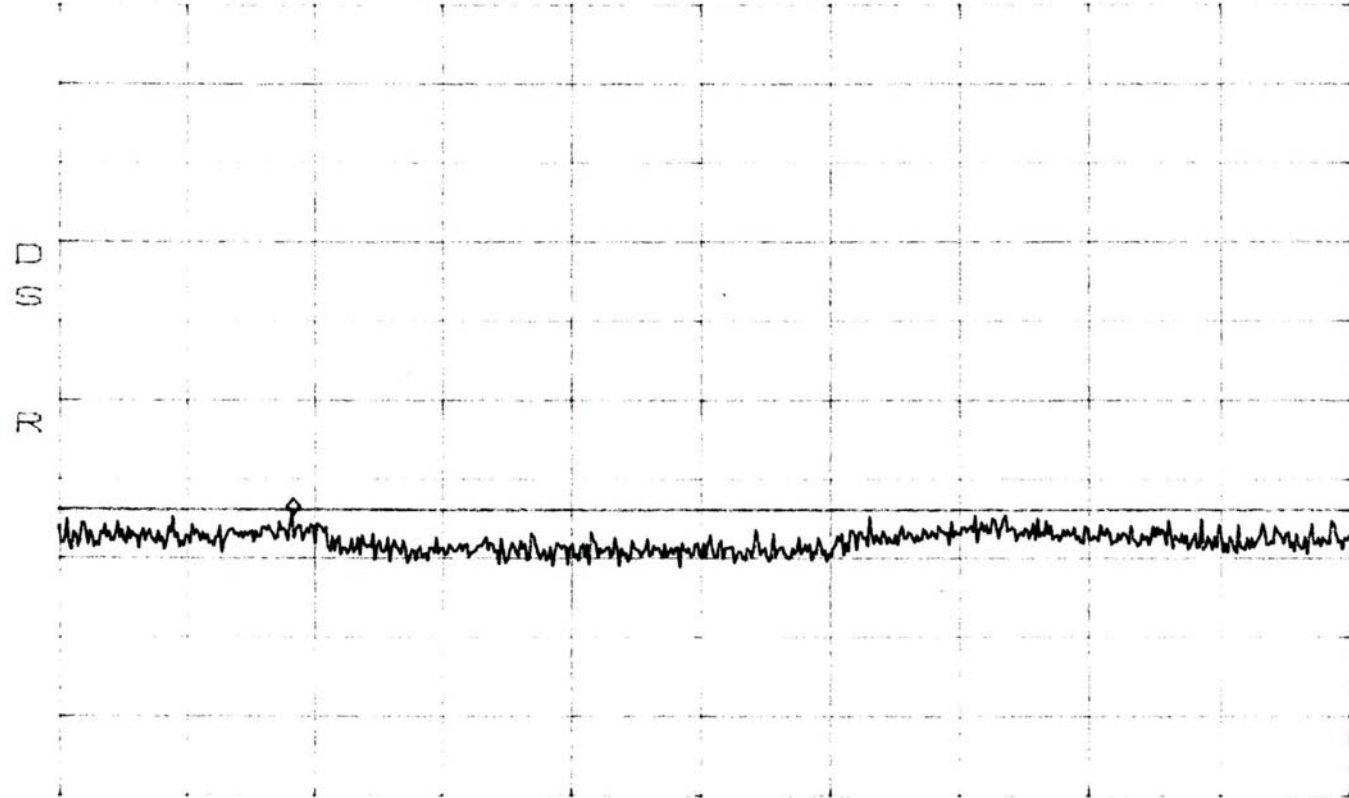
START 30.0MHz STOP 1.0000GHz
*RBW 100kHz VBW 100kHz SWP 250ms

Software Defined Radio
Software Test 7
A Band - Channel 181

*ATTEN 30dB
RL 51.0dBm

10dB/

MKR -13.33dBm
2.650GHz



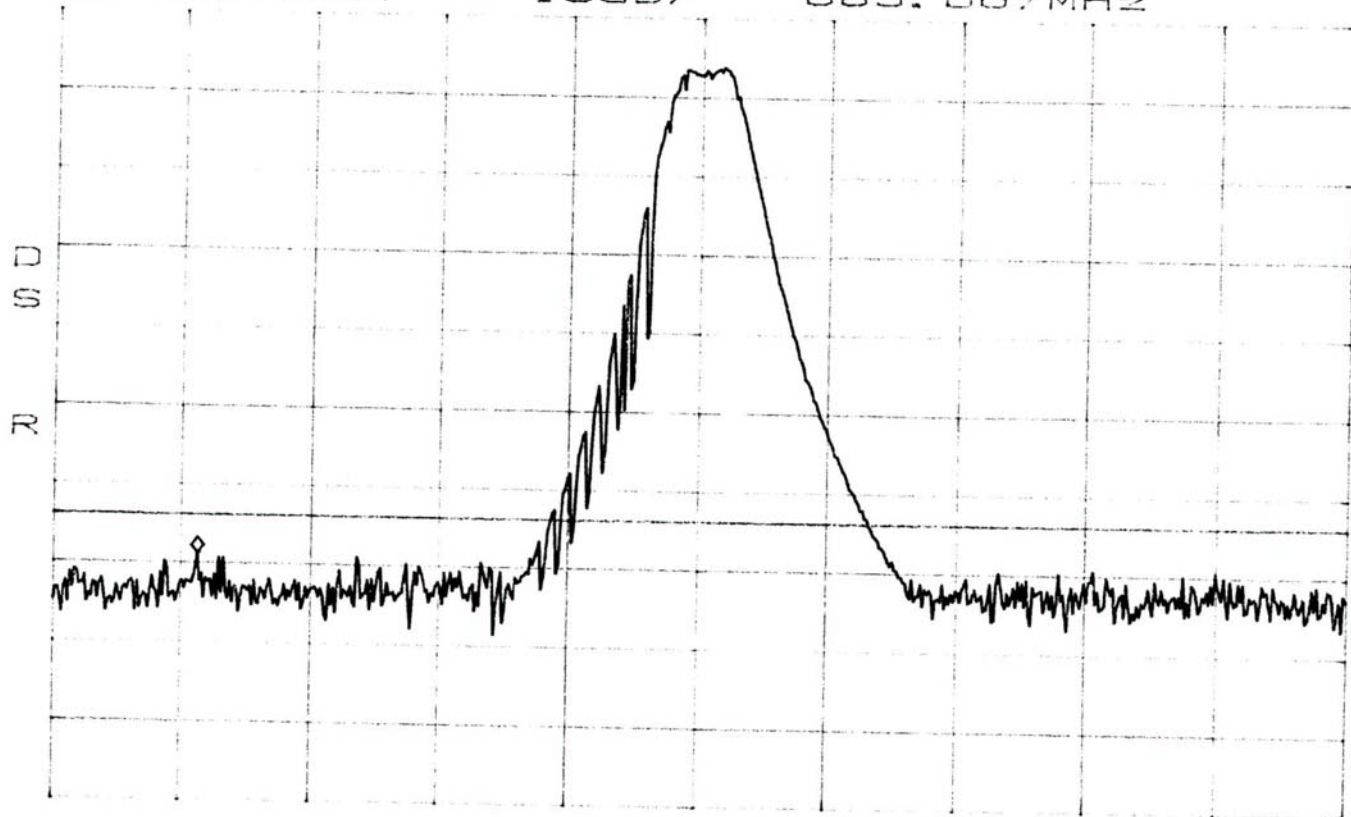
START 1.000GHz STOP 10.000GHz
*RBW 1.0MHz VBW 1.0MHz SWP 180ms

Software Defined Radio
Software Test 7
B Band - Channel 217

*ATTEN 30dB
RL 51.0dBm

10dB/

MKR -17.67dBm
885.067MHz



CENTER 887.000MHz

SPAN 5.000MHz

*RBW 100kHz

VBW 100kHz

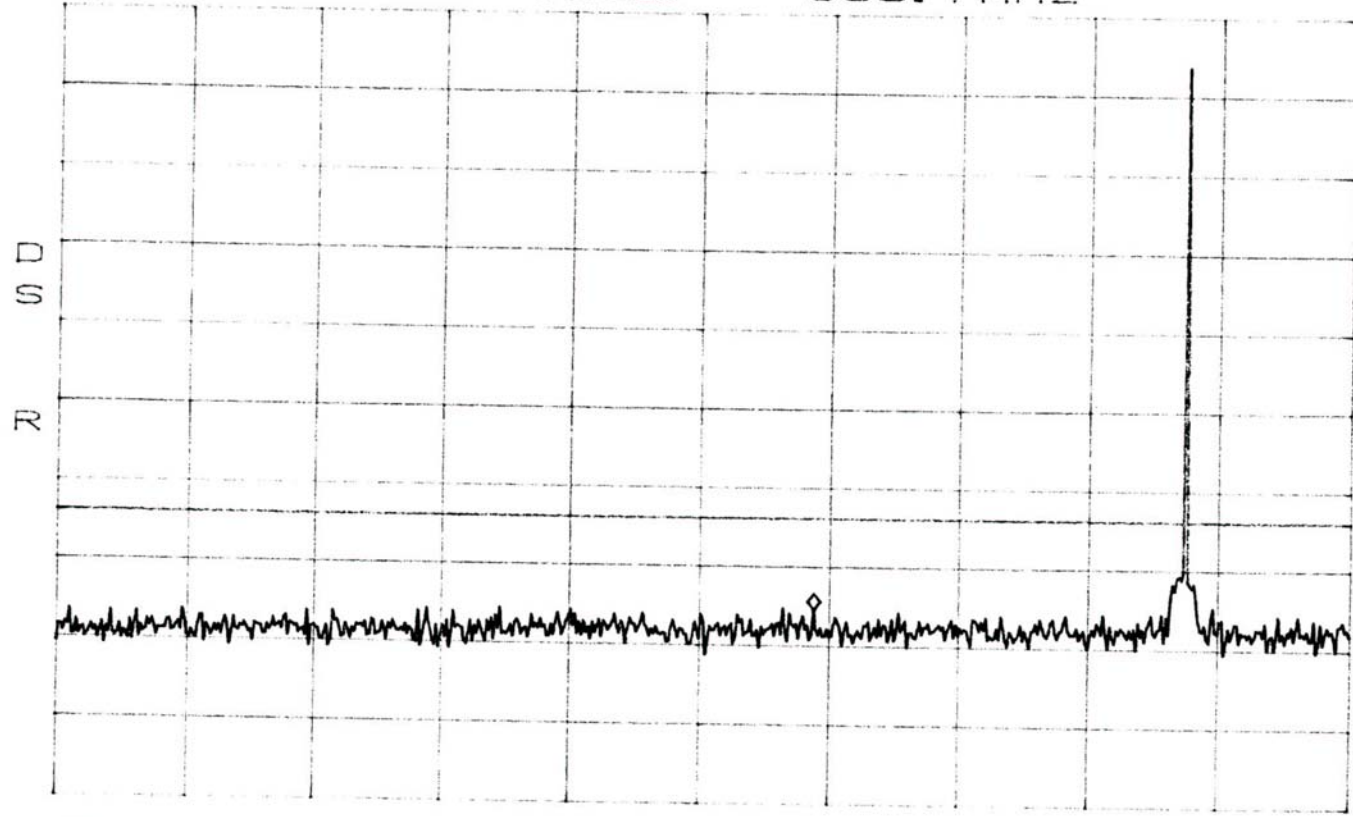
SWP 50ms

Software Defined Radio
Software Test 7
B Band - Channel 217

*ATTEN 30dB
RL 51.0dBm

10dB/

MKR -24.33dBm
600.7MHz



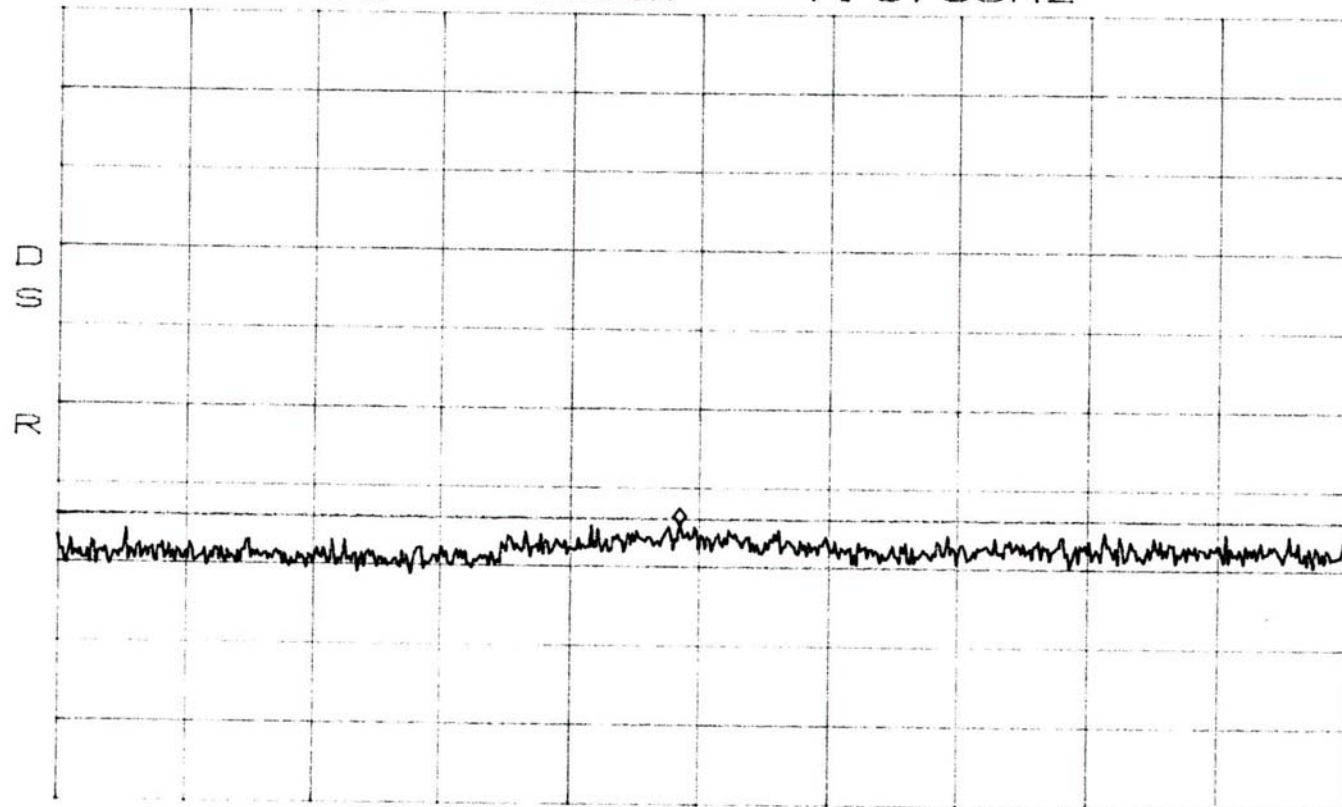
START 30.0MHz STOP 1.0000GHz
*RBW 100kHz VBW 100kHz SWP 250ms

Software Defined Radio
Software Test 7
B Band - Channel 217

*ATTEN 30dB
RL 51.0dBm

10dB/

MKR -13.50dBm
7.675GHz



START 3.310GHz STOP 12.310GHz
*RBW 1.0MHz VBW 1.0MHz SWP 180ms

**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:

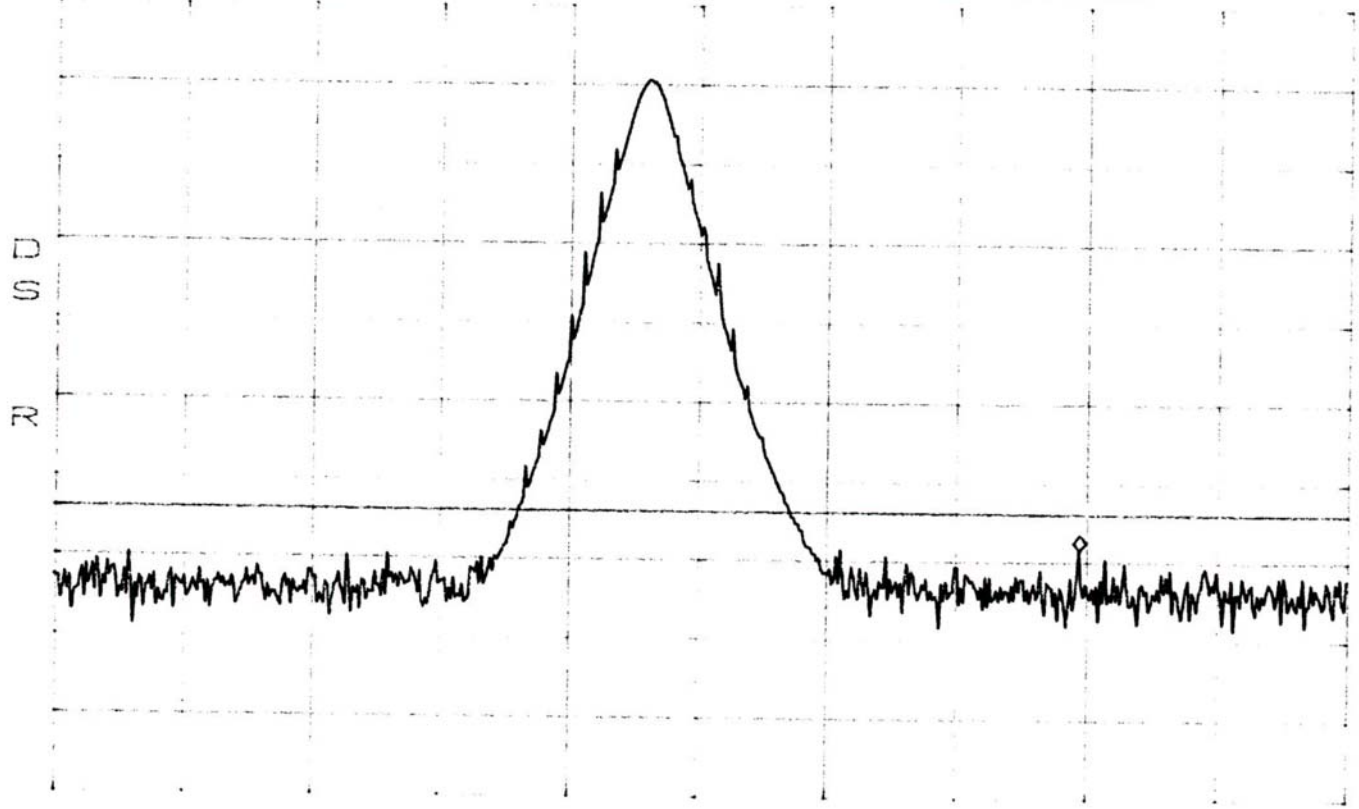
Pass (see plots)

Software Defined Radio
Software Test 8
A Band - Channel 181

*ATTEN 30dB
RL 51.0dBm

10dB/

MKR -17.33dBm
881.475MHz



CENTER 880.000MHz
*RBW 100kHz VBW 100kHz

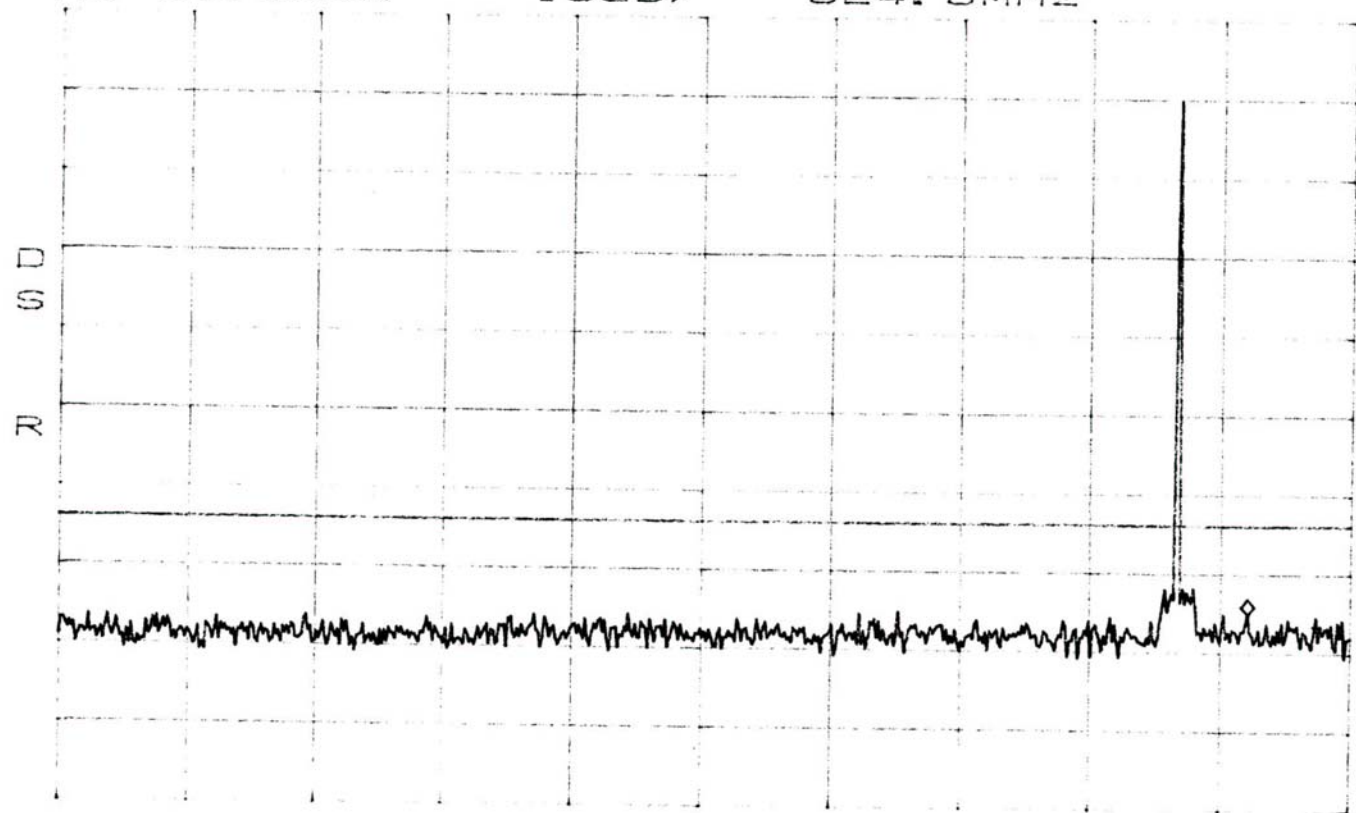
SPAN 5.000MHz
SWP 50ms

Software Defined Radio
Software Test 8
A Band - Channel 181

*ATTEN 30dB
RL 51.0dBm

10dB/

MKR -24.00dBm
924.0MHz



START 30.0MHz

STOP 1.0000GHz

*RBW 100kHz

VBW 100kHz

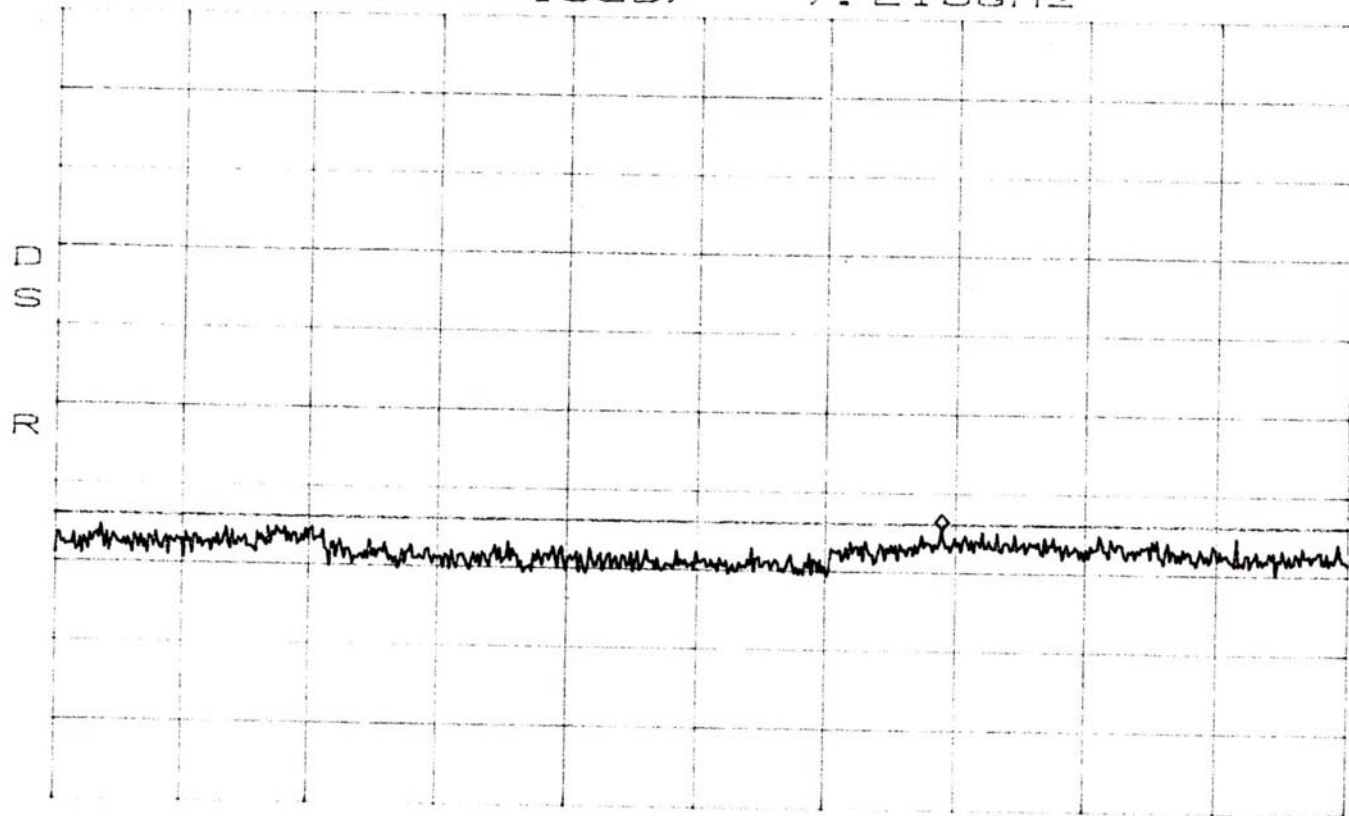
SWP 250ms

Software Defined Radio
Software Test 8
A Band - Channel 181

*ATTEN 30dB
RL 51.0dBm

10dB/

MKR -13.50dBm
7.210GHz



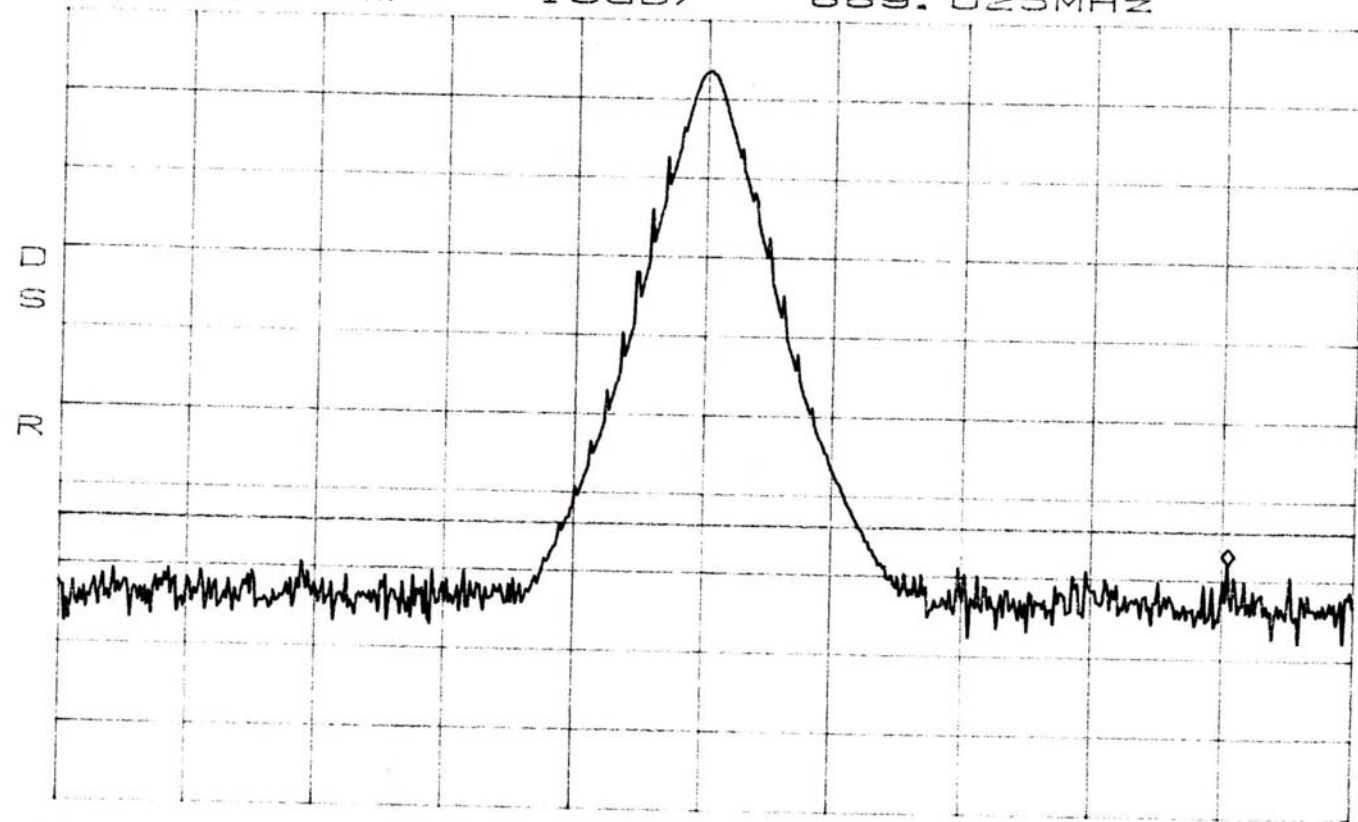
START 1.000GHz STOP 10.000GHz
*RBW 1.0MHz VBW 1.0MHz SWP 180ms

Software Defined Radio
Software Test 8
B Band - Channel 217

*ATTEN 30dB
RL 51.0dBm

10dB/

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

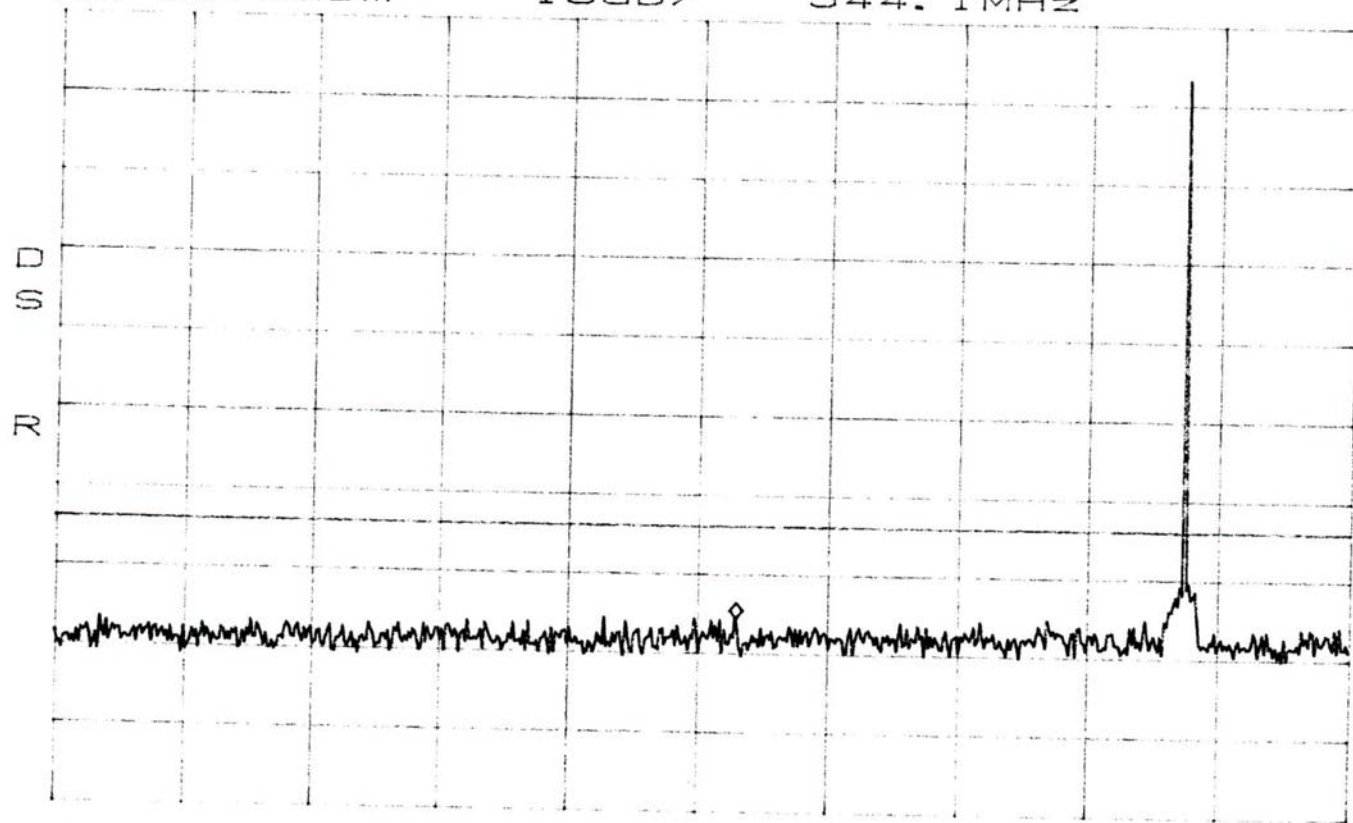
*ATTEN 30dB

RL 51.0dBm

10dB/

MKR -24.50dBm

544.1MHz



START 30.0MHz

STOP 1.0000GHz

*RBW 100kHz

VBW 100kHz

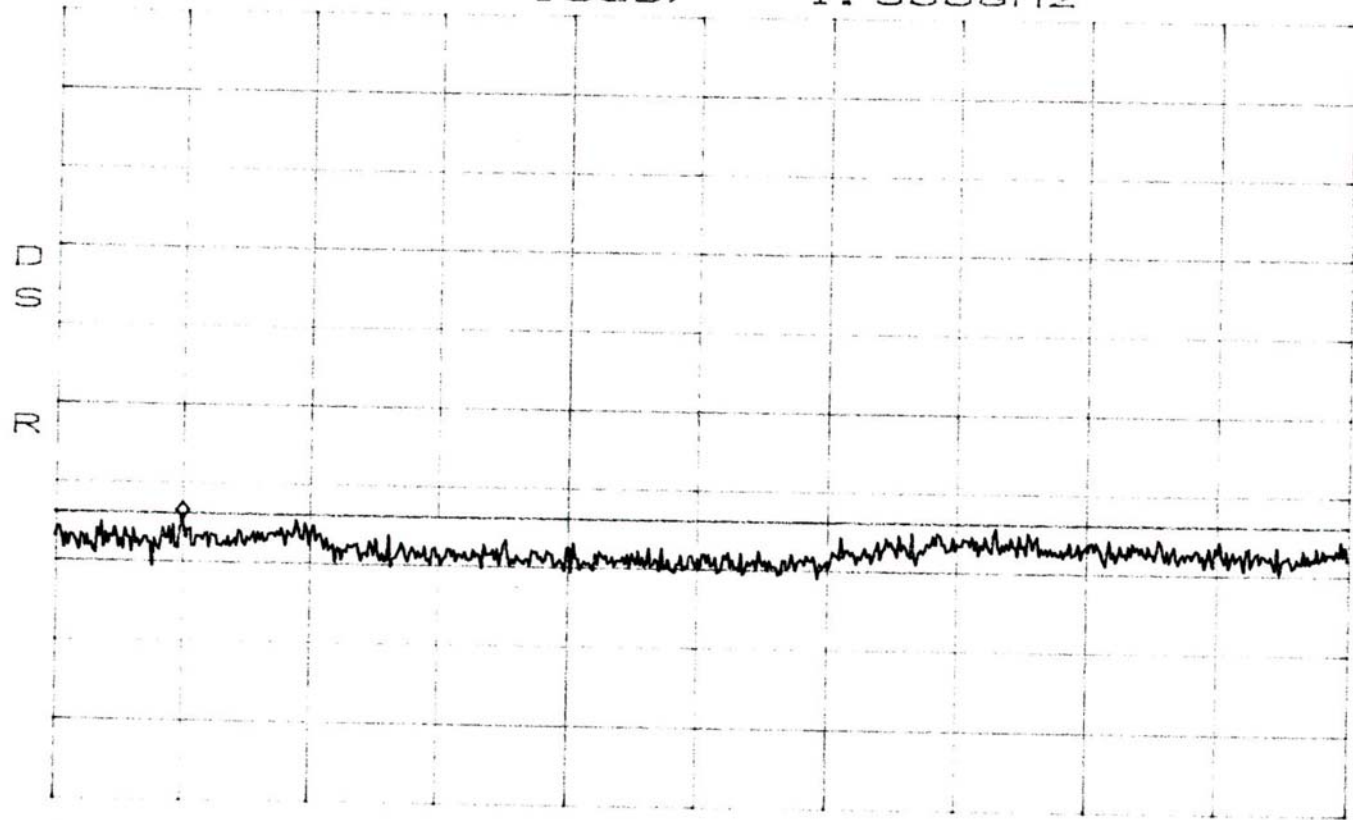
SWP 250ms

Software Defined Radio
Software Test 8
B Band - Channel 217

*ATTEN 30dB
RL 51.0dBm

10dB/

MKR -13.33dBm
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:

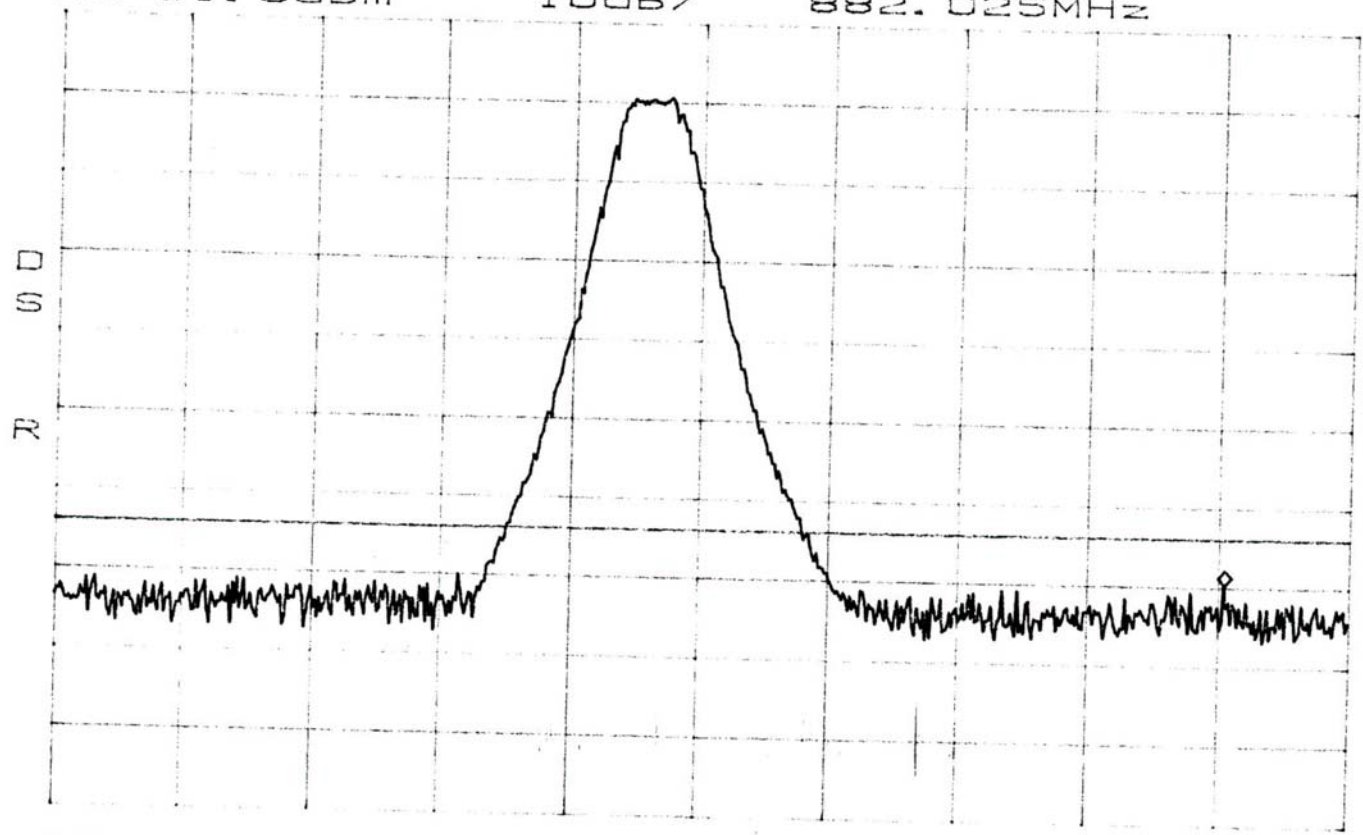
Pass (see plots)

Software Defined Radio
Software Test 9
A Band - Channel 181

*ATTEN 30dB
RL 51.0dBm

10dB/

MKR -18.67dBm
882.025MHz



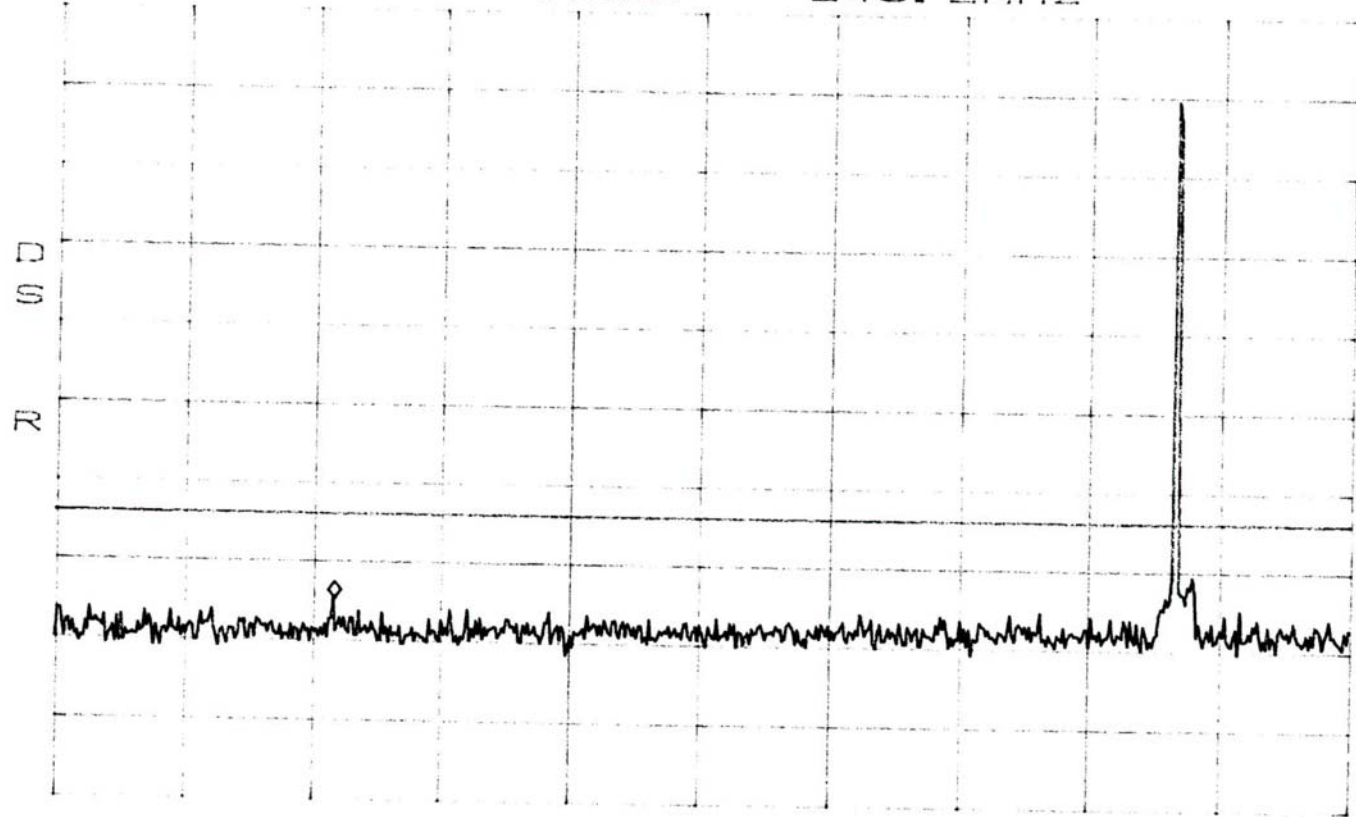
CENTER 880.000MHz SPAN 5.000MHz
*RBW 100kHz VBW 100kHz SWP 50ms

Software Defined Radio
Software Test 9
A Band - Channel 181

*ATTEN 30dB
RL 51.0dBm

10dB/

MKR -23.50dBm
240.2MHz



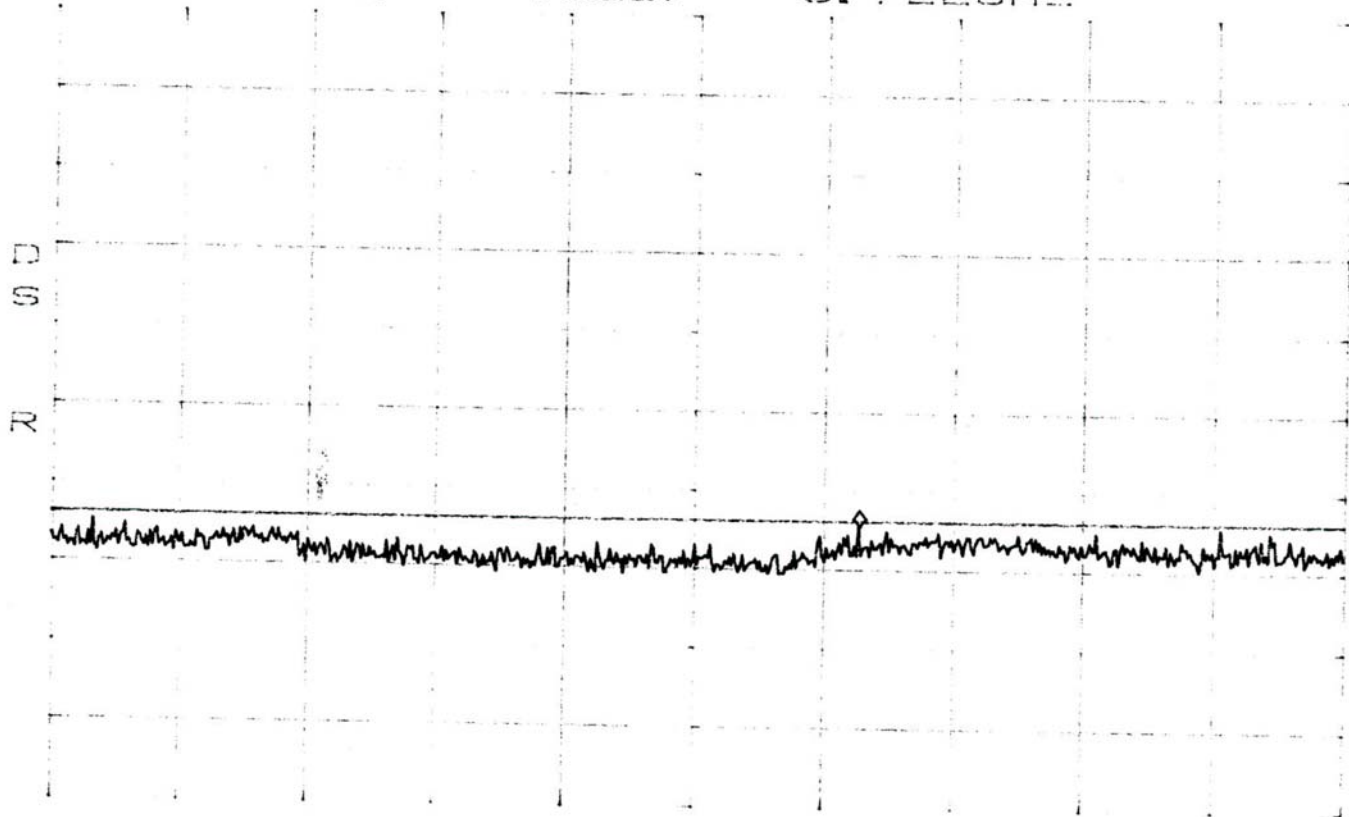
START 30.0MHz STOP 1.0000GHz
*RBW 100kHz VBW 100kHz SWP 250ms

Software Defined Radio
Software Test 9
A Band - Channel 181

*ATTEN 30dB
RL 51.0dBm

10dB/

MKR -13.33dBm
6.722GHz



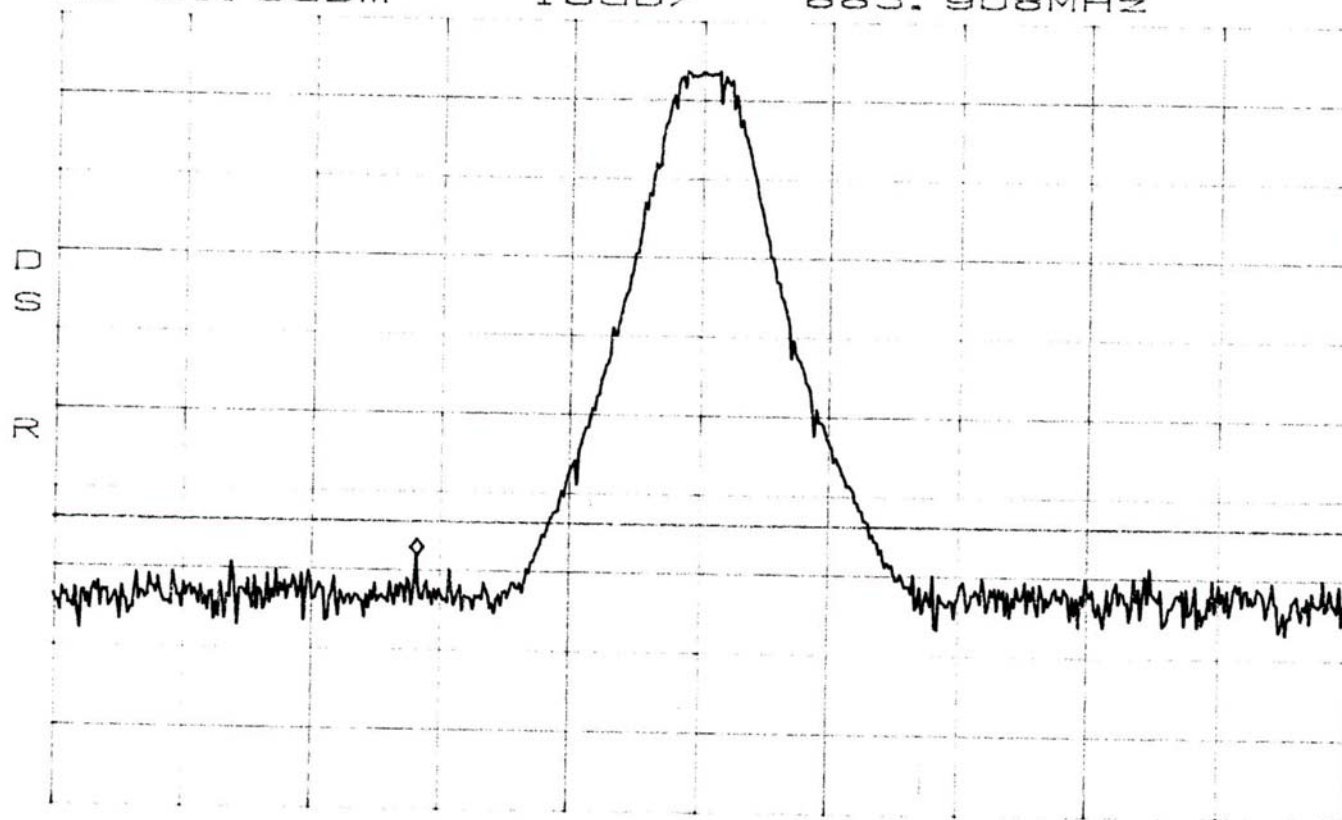
START 1.179GHz STOP 10.000GHz
*RBW 1.0MHz VBW 1.0MHz SWP 180ms

Software Defined Radio
Software Test 9
B Band - Channel 217

*ATTEN 30dB
RL 51.0dBm

10dB/

MKR -17.00dBm
885.908MHz



CENTER 887.000MHz

SPAN 5.000MHz

*RBW 100kHz

VBW 100kHz

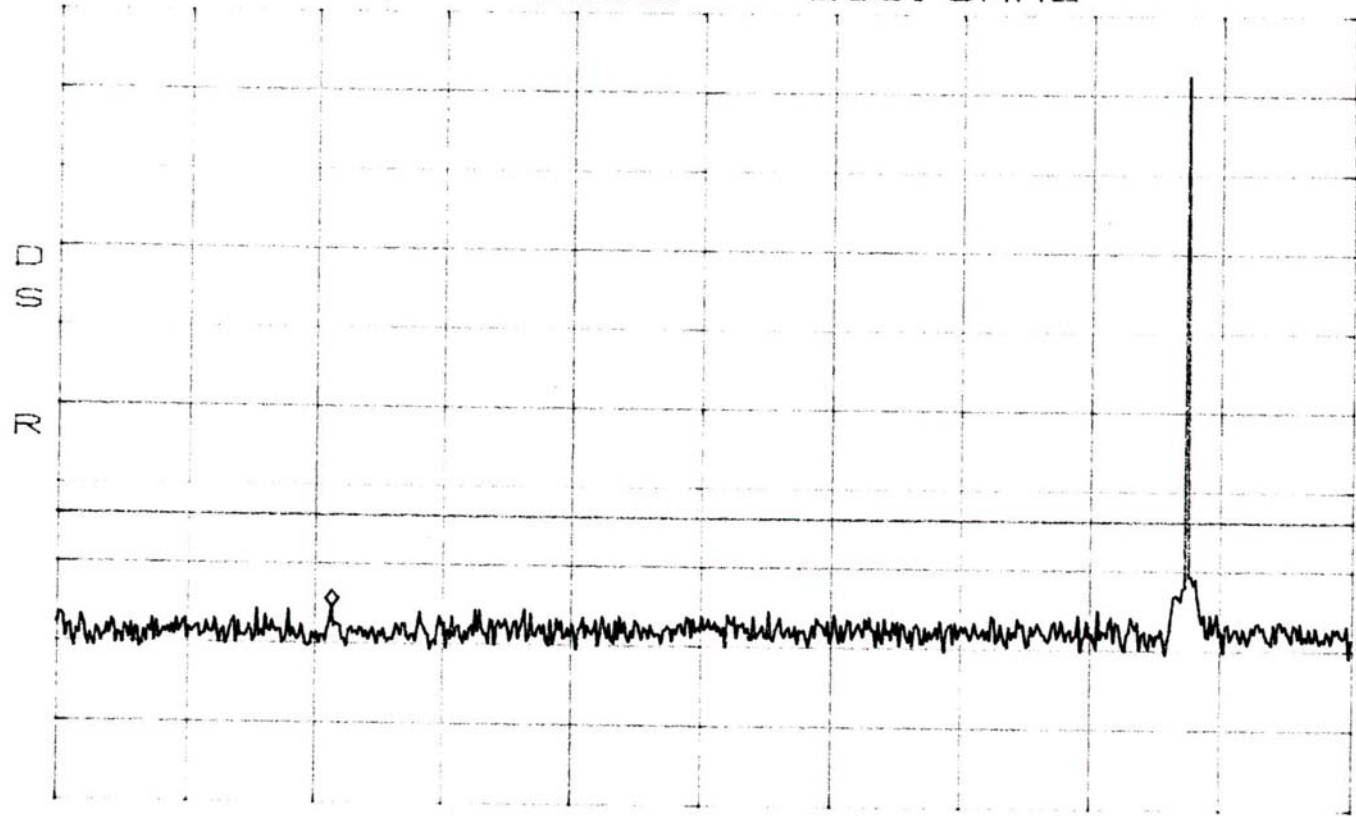
SWP 50ms

Software Defined Radio
Software Test 9
B Band - Channel 217

*ATTEN 30dB
RL 51.0dBm

10dB/

MKR -24.33dBm
236.9MHz



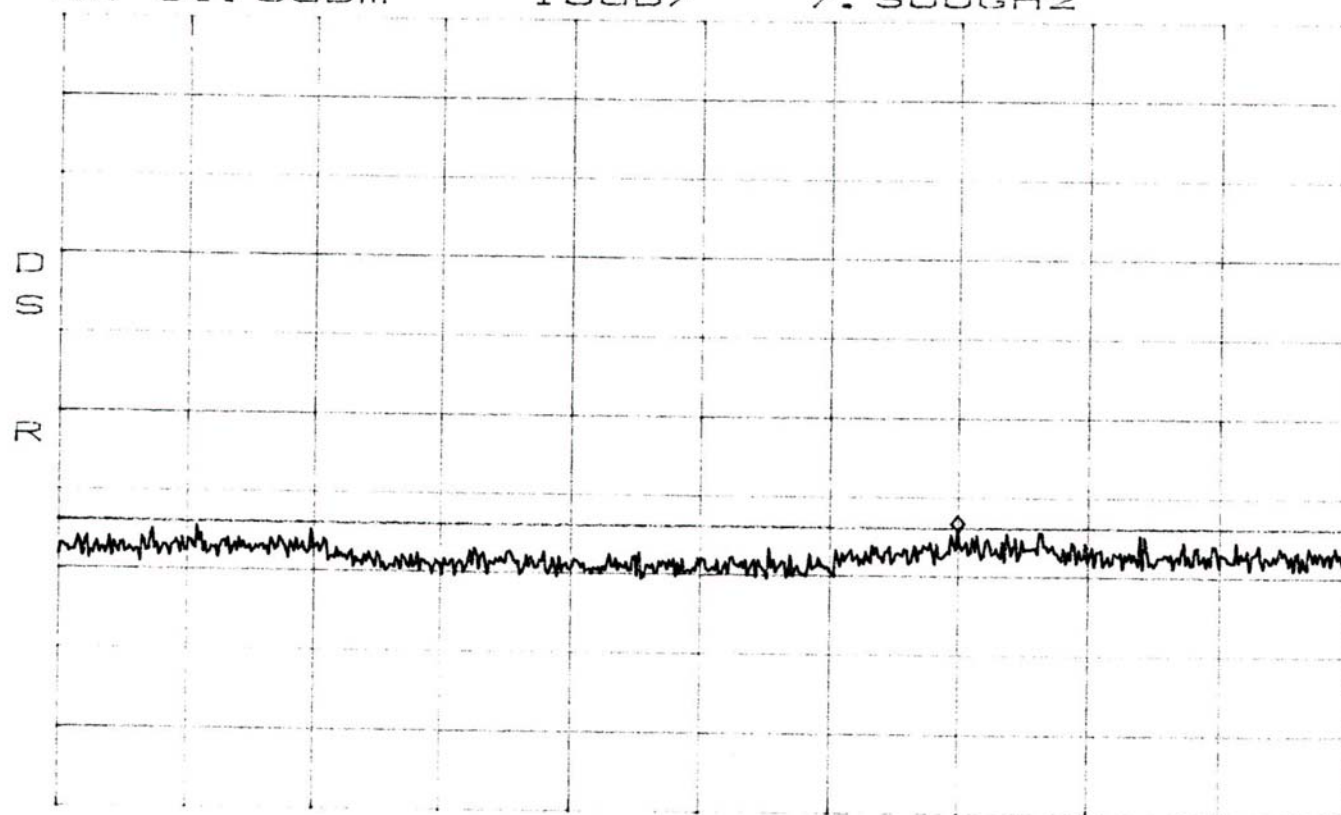
START 30.0MHz STOP 1.0000GHz
*RBW 100kHz VBW 100kHz SWP 250ms

Software Defined Radio
Software Test 9
B Band - Channel 217

*ATTEN 30dB
RL 51.0dBm

10dB/

MKR -13.17dBm
7.300GHz



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