

**APPENDIX 03: Test Data**

A. Channel Low

Operation Mode : TX/RX

Temperature : 27 °C

Humidity : 60 %

Test Date : Apr. 10, 2001

| Frequency<br>(MHz) | Meter<br>Reading (dBuV) |      | Corrected<br>Factor<br>(dB) | Result<br>@3m<br>(dBuV/m) | Limit<br>@3m<br>(dBuV/m) | Margin<br>(dB) | Table<br>Degree<br>(Deg.) | Ant.<br>High<br>(m) |
|--------------------|-------------------------|------|-----------------------------|---------------------------|--------------------------|----------------|---------------------------|---------------------|
|                    | H                       | V    |                             |                           |                          |                |                           |                     |
| *107.882           | 40.2                    | ---  | -12.2                       | ---                       | 43.5                     | ---            | ---                       | ---                 |
| *215.764           | ---                     | ---  | -6.1                        | ---                       | 43.5                     | ---            | ---                       | ---                 |
| *323.646           | ---                     | ---  | -6.7                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| *431.528           | ---                     | ---  | -5.5                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| *539.410           | ---                     | ---  | -5.1                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| *647.292           | ---                     | ---  | -2.9                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| *755.174           | ---                     | ---  | -0.3                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| *863.056           | ---                     | ---  | 2.3                         | ---                       | 46.0                     | ---            | ---                       | ---                 |
| *970.938           | ---                     | ---  | 3.3                         | ---                       | 54.0                     | ---            | ---                       | ---                 |
| *1078.820          | ---                     | ---  | -9.4                        | ---                       | 54.0                     | ---            | ---                       | ---                 |
| 88.365             | 53.9                    | 54.6 | -14.2                       | 40.4                      | 48.0                     | -7.6           | 109                       | 1.80                |
| 176.730            | ---                     | ---  | -9.1                        | ---                       | 43.5                     | ---            | ---                       | ---                 |
| 265.095            | ---                     | ---  | -3.7                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| 353.460            | ---                     | ---  | -9.9                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| 441.825            | ---                     | ---  | -5.6                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| 530.190            | ---                     | ---  | -5.0                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| 618.555            | ---                     | ---  | -3.6                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| 706.920            | ---                     | ---  | -0.9                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| 795.285            | ---                     | ---  | 0.5                         | ---                       | 46.0                     | ---            | ---                       | ---                 |
| 883.650            | ---                     | ---  | 2.3                         | ---                       | 46.0                     | ---            | ---                       | ---                 |

Note :

1. Remark “---” means that the emission level is too low to be measured.
2. Remark “\*” means that the emission frequency is produced from local oscillator.

## B. Channel Mid

Operation Mode : TX/RX

Temperature : 27 °C

Humidity : 60 %

Test Date : Apr. 10, 2001

| Frequency<br>(MHz) | Meter<br>Reading (dBuV)<br>H                      V |      | Corrected<br>Factor<br>(dB) | Result<br>@3m<br>(dBuV/m) | Limit<br>@3m<br>(dBuV/m) | Margin<br>(dB) | Table<br>Degree<br>(Deg.) | Ant.<br>High<br>(m) |
|--------------------|-----------------------------------------------------|------|-----------------------------|---------------------------|--------------------------|----------------|---------------------------|---------------------|
| *88.365            | ---                                                 | ---  | -14.2                       | ---                       | 43.5                     | ---            | ---                       | ---                 |
| *176.730           | ---                                                 | ---  | -9.1                        | ---                       | 43.5                     | ---            | ---                       | ---                 |
| *265.095           | ---                                                 | ---  | -3.7                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| *353.460           | ---                                                 | ---  | -9.9                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| *441.825           | ---                                                 | ---  | -5.6                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| *530.190           | ---                                                 | ---  | -5.0                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| *618.555           | ---                                                 | ---  | -3.6                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| *706.920           | ---                                                 | ---  | -0.9                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| *795.285           | ---                                                 | ---  | 0.5                         | ---                       | 46.0                     | ---            | ---                       | ---                 |
| *883.650           | ---                                                 | ---  | 2.3                         | ---                       | 46.0                     | ---            | ---                       | ---                 |
| 98.467             | 55.2                                                | 54.7 | -13.9                       | 41.3                      | 48.0                     | -6.7           | 150                       | 1.50                |
| 196.934            | ---                                                 | ---  | -7.5                        | ---                       | 43.5                     | ---            | ---                       | ---                 |
| 295.401            | ---                                                 | ---  | -1.4                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| 393.868            | ---                                                 | ---  | -6.3                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| 492.335            | ---                                                 | ---  | -4.4                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| 590.802            | ---                                                 | ---  | -4.8                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| 689.269            | ---                                                 | ---  | -1.0                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| 787.736            | ---                                                 | ---  | 0.2                         | ---                       | 46.0                     | ---            | ---                       | ---                 |
| 886.203            | ---                                                 | ---  | 2.3                         | ---                       | 46.0                     | ---            | ---                       | ---                 |
| 984.670            | ---                                                 | ---  | 3.5                         | ---                       | 54.0                     | ---            | ---                       | ---                 |

Note :

1. Remark “---” means that the emission level is too low to be measured.
2. Remark “\*” means that the emission frequency is produced from local oscillator.

## C. Channel High

Operation Mode : TX/RX

Temperature : 27 °C

Humidity : 60 %

Test Date : Apr. 10, 2001

| Frequency<br>(MHz) | Meter<br>Reading (dBuV) |      | Corrected<br>Factor<br>(dB) | Result<br>@3m<br>(dBuV/m) | Limit<br>@3m<br>(dBuV/m) | Margin<br>(dB) | Table<br>Degree<br>(Deg.) | Ant.<br>High<br>(m) |
|--------------------|-------------------------|------|-----------------------------|---------------------------|--------------------------|----------------|---------------------------|---------------------|
|                    | H                       | V    |                             |                           |                          |                |                           |                     |
| *98.485            | ---                     | ---  | -13.9                       | ---                       | 43.5                     | ---            | ---                       | ---                 |
| *196.970           | ---                     | ---  | -7.5                        | ---                       | 43.5                     | ---            | ---                       | ---                 |
| *295.455           | ---                     | ---  | -1.3                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| *393.940           | ---                     | ---  | -6.3                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| *492.425           | ---                     | ---  | -4.4                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| *590.910           | ---                     | ---  | -4.8                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| *689.395           | ---                     | ---  | -1.0                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| *787.880           | ---                     | ---  | 0.2                         | ---                       | 46.0                     | ---            | ---                       | ---                 |
| *886.365           | ---                     | ---  | 2.3                         | ---                       | 46.0                     | ---            | ---                       | ---                 |
| *984.850           | ---                     | ---  | 3.5                         | ---                       | 54.0                     | ---            | ---                       | ---                 |
| 107.886            | 52.4                    | 52.2 | -12.2                       | 40.2                      | 48.0                     | -7.8           | 180                       | 1.00                |
| 215.772            | ---                     | ---  | -6.1                        | ---                       | 43.5                     | ---            | ---                       | ---                 |
| 323.658            | ---                     | ---  | -6.7                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| 431.544            | ---                     | ---  | -5.5                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| 539.430            | ---                     | ---  | -5.1                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| 647.316            | ---                     | ---  | -2.9                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| 755.202            | ---                     | ---  | -0.3                        | ---                       | 46.0                     | ---            | ---                       | ---                 |
| 863.088            | ---                     | ---  | 2.3                         | ---                       | 46.0                     | ---            | ---                       | ---                 |
| 970.974            | ---                     | ---  | 3.3                         | ---                       | 54.0                     | ---            | ---                       | ---                 |
| 1078.860           | ---                     | ---  | -9.4                        | ---                       | 54.0                     | ---            | ---                       | ---                 |

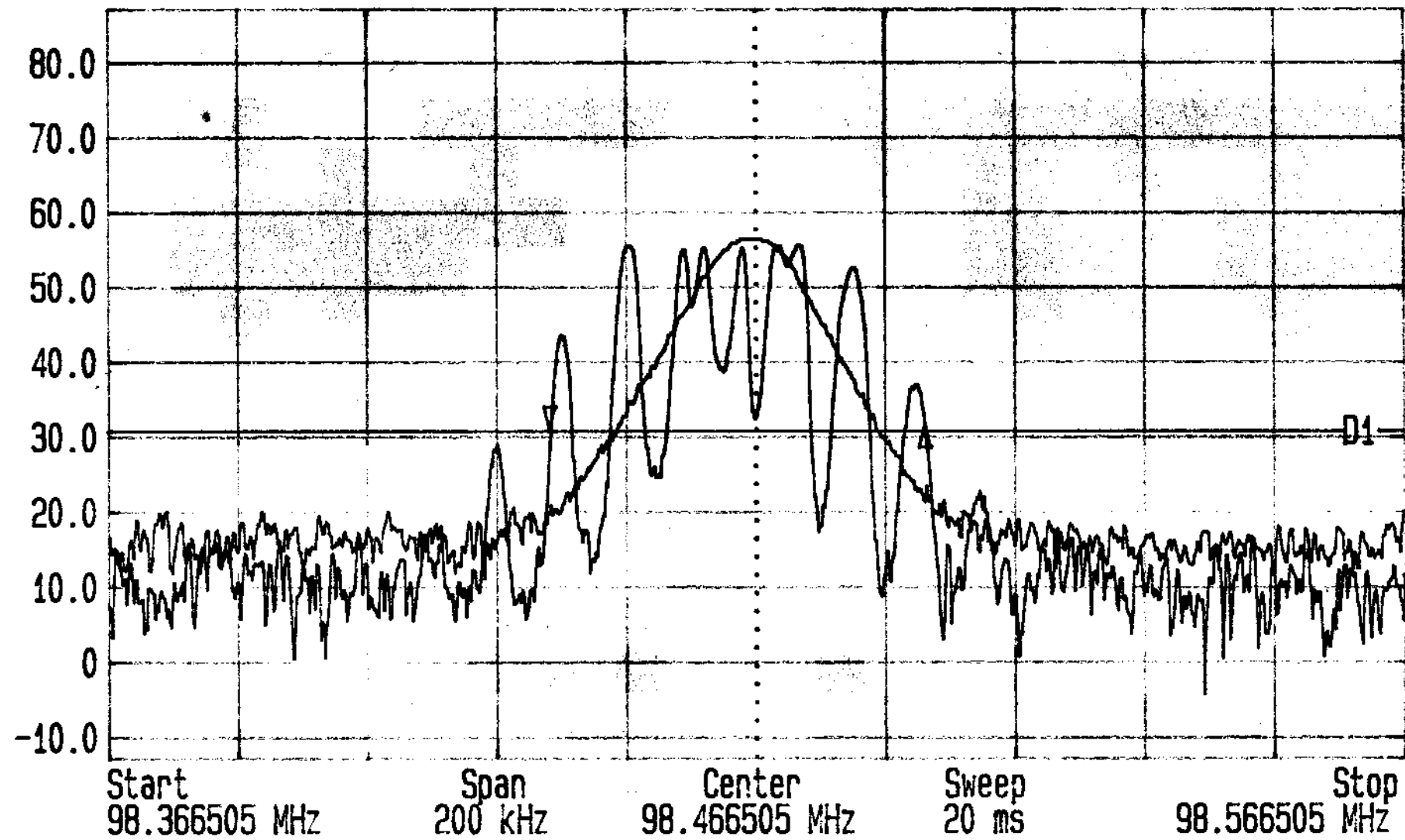
Note :

1. Remark “---” means that the emission level is too low to be measured.
2. Remark “\*” means that the emission frequency is produced from local oscillator.



Date 10.Apr.'01 Time 17:25:14  
Ref.Lvl Delta 0.45 dB  
87.00 dBμV 57.7 kHz

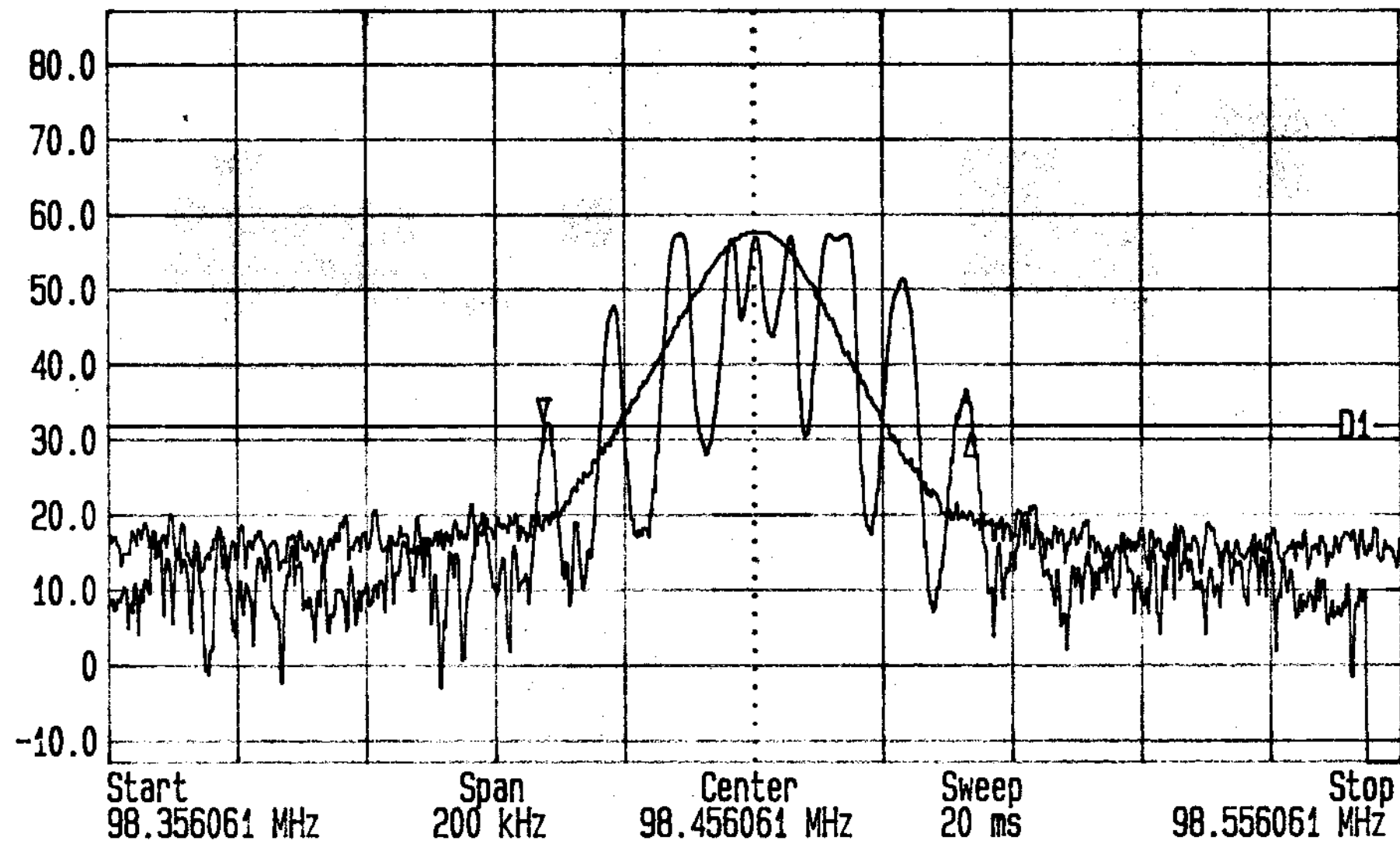
Res.Bw 10.0 kHz [3dB]  
TG.Lvl off  
CF.Stp 20.000 kHz  
Vid.Bw 10 kHz  
RF.Att 20 dB  
Unit [dBμV]





Date 10.Apr.'01 Time 17:08:34  
Ref.Lvl Delta -1.75 dB  
87.00 dBμV 66.2 kHz

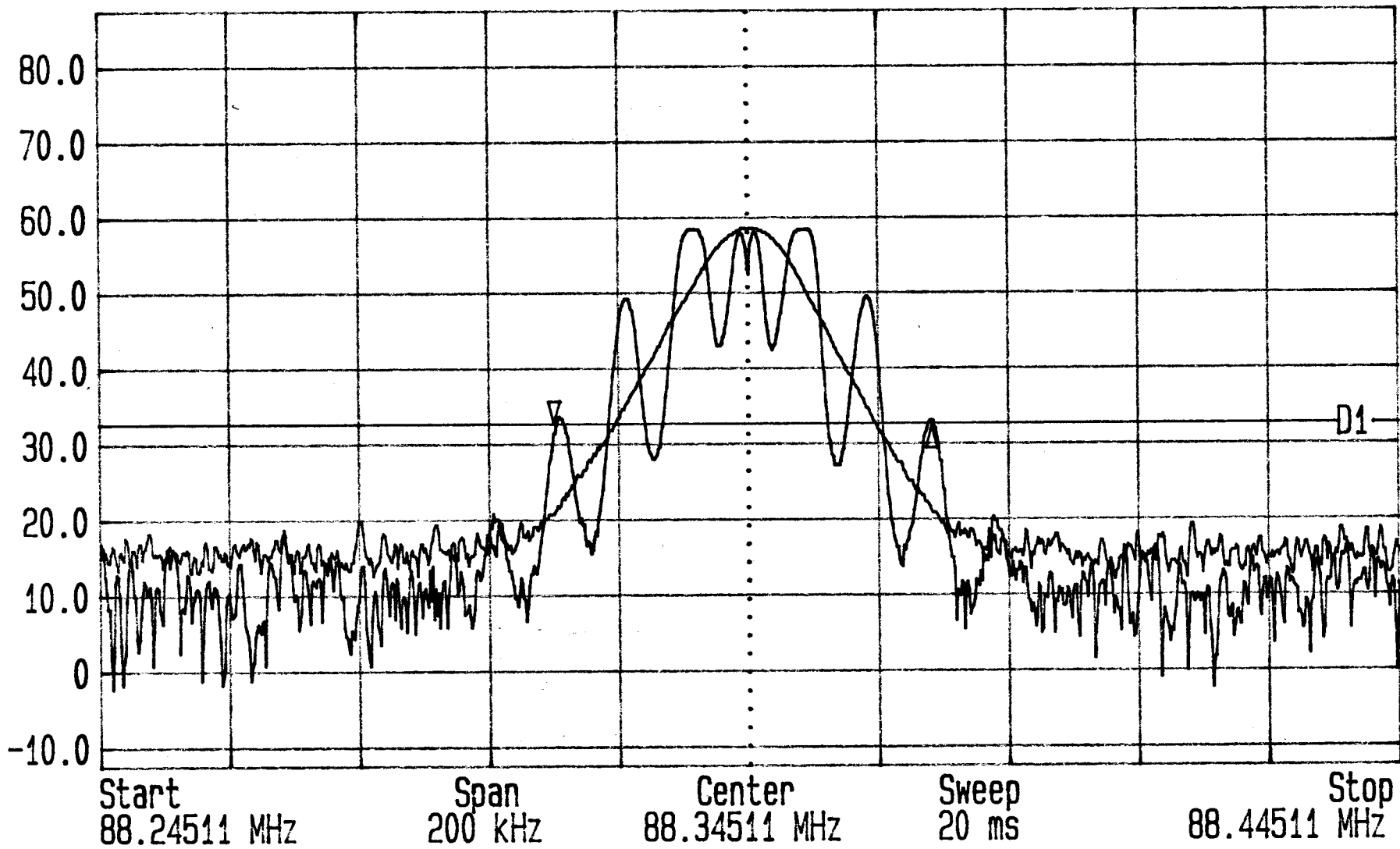
Res.Bw 10.0 kHz [3dB]  
TG.Lvl off  
CF.Stp 20.000 kHz  
Vid.Bw 10 kHz  
RF.Att 20 dB  
Unit [dBμV]





Date 10.Apr.'01 Time 13:59:13  
Ref.Lvl Delta -0.12 dB  
87.40 dBμV 58.2 kHz

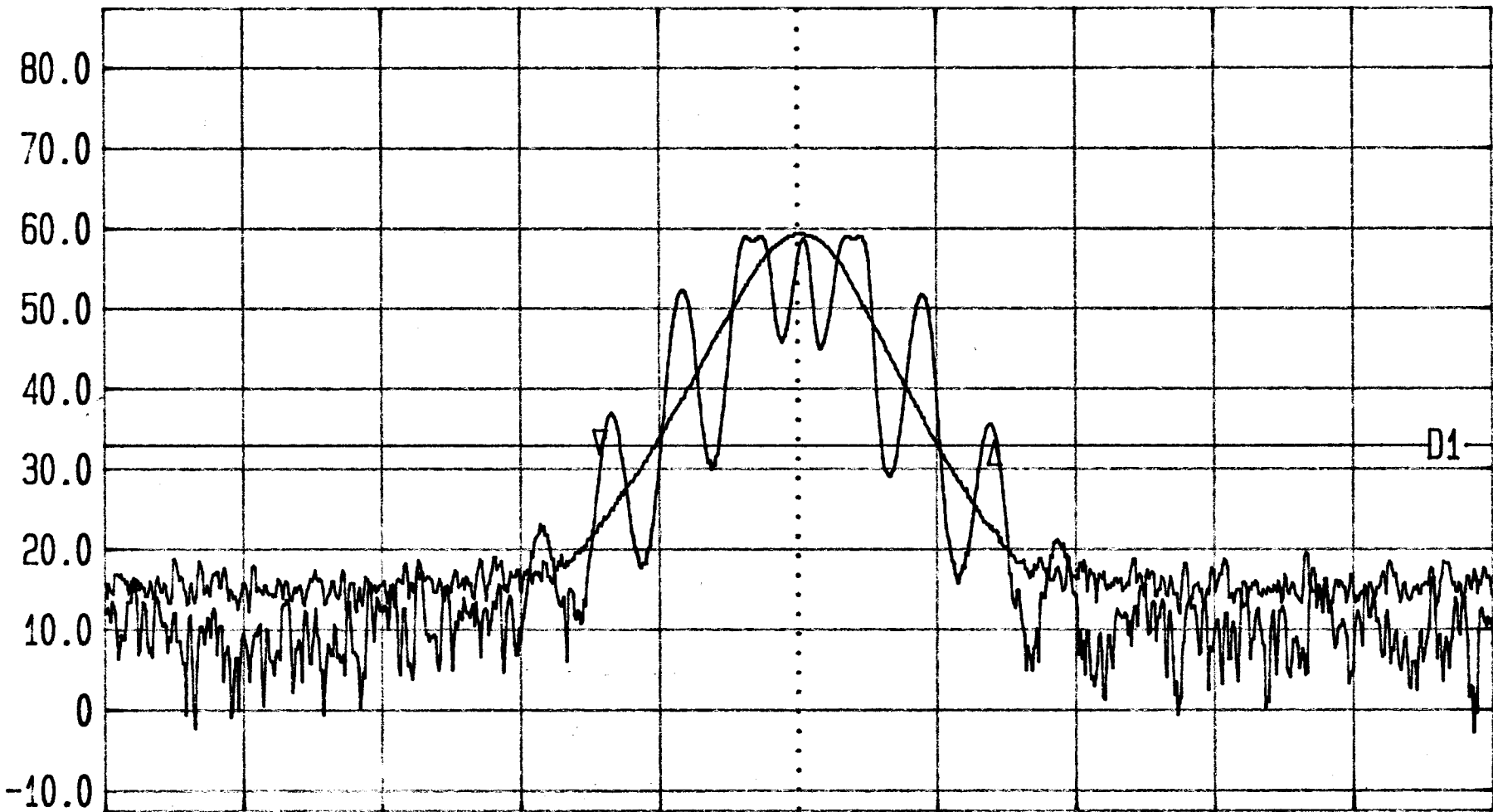
Res.Bw 10.0 kHz [3dB]  
TG.Lvl off  
CF.Stp 20.000 kHz  
Vid.Bw 10 kHz  
RF.Att 20 dB  
Unit [dBμV]





Date 10.Apr.'01 Time 12:35:58  
Ref.Lvl Delta 1.65 dB  
87.40 dBμV 56.8 kHz

Res.Bw 10.0 kHz [3dB]  
TG.Lvl off  
CF.Stp 20.000 kHz  
Vid.Bw 10 kHz  
RF.Att 20 dB  
Unit [dBμV]



Start 88.239999 MHz Span 200 kHz Center 88.339999 MHz Sweep 20 ms Stop 88.439999 MHz



Date 10.Apr.'01Time 12:13:56

Ref.Lvl 87.40 dBμV

Delta 0.05 dB

66.4 kHz

Res.Bw 10.0 kHz [3dB]

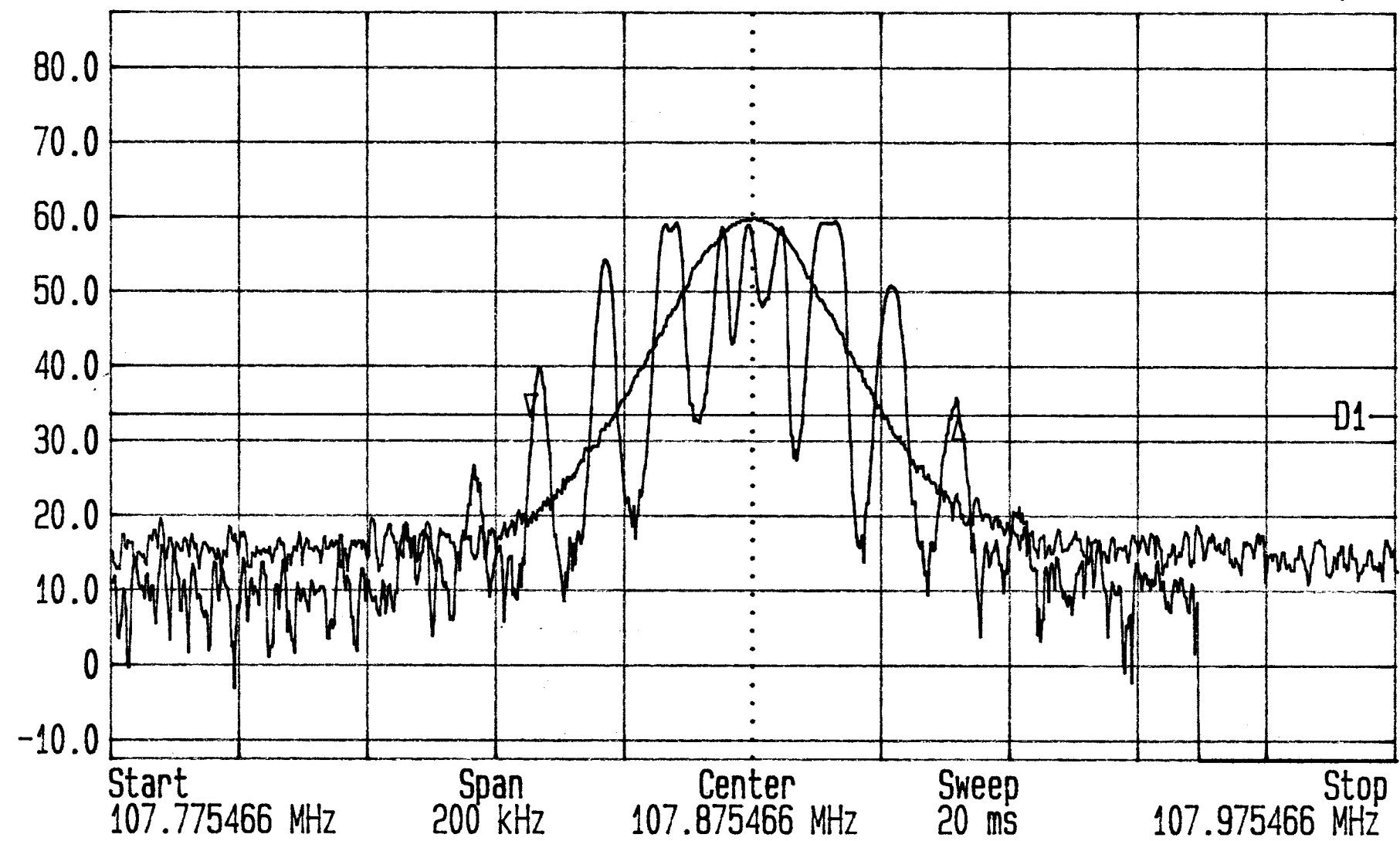
TG.Lvl off

CF.Stp 20.000 kHz

Vid.Bw 10 kHz

RF.Att 20 dB

Unit [dBμV]





Date 10.Apr.'01 Time 11:56:34  
Ref.Lvl 87.40 dBμV  
Delta 0.61 dB  
-66.6 kHz

Res.Bw 10.0 kHz [3dB]  
TG.Lvl off  
CF.Stp 20.000 kHz  
Vid.Bw 10 kHz  
RF.Att 20 dB  
Unit [dBμV]

