

FCC CLASS B 3M RADIATED EMISSIONS DATA - SITE 2

CLIENT: Dynamic Telecommunications, Inc.
 MODEL NO: **SeeGull-DX** FCC ID: N7F1998DX001
 DATE: 4/21/99
 BY: Herb Meadows
 JOB #: 4957X

CONFIGURATION: GSM900

Unit was tuned to 925MHz, 942MHz, and 960MHz. Testing was also performed with unit scanning.
 Worst case emissions are recorded.

| Frequency MHz | Polarity H/V | Azimuth Degree | Antenna Height m | SA Level (QP) dBuV | Afc dB/m | E-Field dBuV/m | E-Field uV/m | Limit uV/m | Margin dB |
|------------------|-----------------|-------------------|------------------------|--------------------------|-------------|-------------------|-----------------|---------------|--------------|
| 199.73 | V | 270.0 | 1 | 21.6 | 12.2 | 33.8 | 48.7 | 150.0 | -9.8 |
| 266.30 | V | 180.0 | 1 | 8.0 | 15.0 | 23.0 | 14.1 | 200.0 | -23.1 |
| 266.30 | H | 180.0 | 3.5 | 5.8 | 15.0 | 20.8 | 10.9 | 200.0 | -25.3 |
| 719.04 | V | 135.0 | 1 | 16.0 | 25.8 | 41.8 | 123.7 | 200.0 | -4.2 |
| 719.04 | H | 135.0 | 3.5 | 11.5 | 25.8 | 37.3 | 73.7 | 200.0 | -8.7 |
| 835.18 | V | 180.0 | 1 | 11.7 | 27.2 | 38.9 | 88.1 | 200.0 | -7.1 |
| 1178.40 | V | 180.0 | 1 | 50.5 | -9.9 | 40.6 | 107.4 | 500.0 | -13.4 |
| 1243.50 | V | 180.0 | 1 | 41.2 | -9.3 | 31.9 | 39.4 | 500.0 | -22.1 |
| 1265.00 | V | 135.0 | 1 | 46.7 | -9.1 | 37.6 | 75.9 | 500.0 | -16.4 |
| 1264.80 | H | 135.0 | 1 | 44.4 | -9.1 | 35.3 | 58.2 | 500.0 | -18.7 |

CONFIGURATION: DX-AMPS

Unit was tuned to 869.04MHz, 879.96MHz, and 894MHz. Testing was also performed with unit scanning.
 Worst case emissions are recorded.

| Frequency MHz | Polarity H/V | Azimuth Degree | Antenna Height m | SA Level (QP) dBuV | Afc dB/m | E-Field dBuV/m | E-Field uV/m | Limit uV/m | Margin dB |
|------------------|-----------------|-------------------|------------------------|--------------------------|-------------|-------------------|-----------------|---------------|--------------|
| 199.73 | V | 90.0 | 1 | 22.3 | 12.2 | 34.5 | 52.8 | 150.0 | -9.1 |
| 266.30 | V | 180.0 | 1 | 9.2 | 15.0 | 24.2 | 16.2 | 200.0 | -21.9 |
| 1038.60 | H | 180.0 | 1 | 48.2 | -11.3 | 36.9 | 70.1 | 500.0 | -17.1 |
| 1078.52 | H | 180.0 | 1 | 50.8 | -10.9 | 39.9 | 99.3 | 500.0 | -14.0 |
| 1105.16 | H | 180.0 | 1 | 48.4 | -10.6 | 37.8 | 77.7 | 500.0 | -16.2 |
| 1118.40 | V | 180.0 | 1 | 50.0 | -10.5 | 39.5 | 94.8 | 500.0 | -14.4 |
| 1132.00 | H | 180.0 | 1 | 51.8 | -10.3 | 41.5 | 118.5 | 500.0 | -12.5 |
| 1198.40 | H | 180.0 | 1 | 50.4 | -9.7 | 40.7 | 108.4 | 500.0 | -13.3 |
| 1238.30 | H | 180.0 | 1 | 54.1 | -9.3 | 44.8 | 173.1 | 500.0 | -9.2 |
| 1238.30 | V | 180.0 | 1 | 53.4 | -9.3 | 44.1 | 159.7 | 500.0 | -9.9 |
| 1265.00 | H | 135.0 | 1 | 53.2 | -9.1 | 44.1 | 160.4 | 500.0 | -9.9 |
| 1265.00 | V | 135.0 | 1 | 53.2 | -9.1 | 44.1 | 160.4 | 500.0 | -9.9 |
| 1318.20 | H | 180.0 | 1 | 54.2 | -8.6 | 45.6 | 189.7 | 500.0 | -8.4 |
| 1318.20 | V | 180.0 | 1 | 53.2 | -8.6 | 44.6 | 169.0 | 500.0 | -9.4 |
| 1358.70 | H | 135.0 | 1 | 48.0 | -8.3 | 39.7 | 96.5 | 500.0 | -14.3 |
| 1358.70 | H | 135.0 | 1 | 47.7 | -8.3 | 39.4 | 93.3 | 500.0 | -14.6 |
| 1398.20 | H | 135.0 | 1 | 49.2 | -8.0 | 41.2 | 115.0 | 500.0 | -12.8 |
| 1398.20 | V | 135.0 | 1 | 52.0 | -8.0 | 44.0 | 158.7 | 500.0 | -10.0 |
| 1864.30 | V | 135.0 | 1 | 43.0 | -4.8 | 38.2 | 81.3 | 500.0 | -15.8 |
| 1864.30 | H | 135.0 | 1 | 43.2 | -4.8 | 38.4 | 83.2 | 500.0 | -15.6 |

CONFIGURATION: DX-RAMPS

Unit was tuned to 824.04MHz, 834.96MHz, and 849MHz. Testing was also performed with unit scanning.

Worst case emissions are recorded.

| Frequency MHz | Polarity H/V | Azimuth Degree | Antenna Height m | SA Level (QP) dBuV | Afc dB/m | E-Field dBuV/m | E-Field uV/m | Limit uV/m | Margin dB |
|------------------|-----------------|-------------------|------------------------|--------------------------|-------------|-------------------|-----------------|---------------|--------------|
| 199.73 | V | 90.0 | 1 | 26.0 | 12.2 | 38.2 | 80.9 | 150.0 | -5.4 |
| 266.30 | V | 180.0 | 1 | 17.1 | 15.0 | 32.1 | 40.1 | 200.0 | -14.0 |
| 1118.40 | V | 180.0 | 1 | 42.4 | -10.5 | 31.9 | 39.5 | 500.0 | -22.0 |
| 1118.40 | H | 180.0 | 1 | 44.5 | -10.5 | 34.0 | 50.3 | 500.0 | -19.9 |
| 1198.40 | H | 180.0 | 1 | 45.4 | -9.7 | 35.7 | 61.0 | 500.0 | -18.3 |
| 1238.30 | V | 180.0 | 1 | 51.3 | -9.3 | 42.0 | 125.4 | 500.0 | -12.0 |
| 1238.30 | H | 180.0 | 1 | 48.7 | -9.3 | 39.4 | 93.0 | 500.0 | -14.6 |
| 1265.00 | V | 135.0 | 1 | 53.2 | -9.1 | 44.1 | 160.4 | 500.0 | -9.9 |
| 1265.00 | H | 135.0 | 1 | 42.6 | -9.1 | 33.5 | 47.3 | 500.0 | -20.5 |
| 1318.20 | V | 180.0 | 1 | 46.3 | -8.6 | 37.7 | 76.4 | 500.0 | -16.3 |
| 1318.20 | H | 180.0 | 1 | 44.1 | -8.6 | 35.5 | 59.3 | 500.0 | -18.5 |
| 1398.20 | V | 135.0 | 1 | 44.3 | -8.0 | 36.3 | 65.4 | 500.0 | -17.7 |
| 1398.20 | H | 135.0 | 1 | 45.4 | -8.0 | 37.4 | 74.2 | 500.0 | -16.6 |
| 1864.30 | V | 135.0 | 1 | 43.0 | -4.8 | 38.2 | 81.3 | 500.0 | -15.8 |