

**TABLE 1**  
**FIELD STRENGTH**  
**RADIATED EMISSIONS DATA SHEET**

| <b>EMISSION<br/>FREQUENCY<br/>(MHz)</b> | <b>ANTENNA<br/>POLARITY<br/>(H,V)</b> | <b>EMISSION<br/>LEVEL<br/>(dBuV)</b> | <b>ANTENNA<br/>FACTOR<br/>AND<br/>CABLE LOSS</b> |      |   | <b>EMISSION<br/>LEVEL<br/>(dBuV/m)</b> | <b>RCL 1993/1<br/>LIMIT<br/>(3 METERS)<br/>(dBuV/m)</b> |    |
|-----------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------------------|------|---|----------------------------------------|---------------------------------------------------------|----|
| 304.00                                  | V                                     | 39.5                                 | +                                                | 23.2 | = | 62.7                                   | 75.7                                                    |    |
| 304.00                                  | H                                     | 47.0                                 | +                                                | 23.2 | = | 70.2                                   | 75.7                                                    |    |
| 608.00                                  | V                                     | 7.5                                  | +                                                | 31.1 | = | 38.6                                   | 45.6                                                    |    |
| 608.00                                  | H                                     | 14.2                                 | +                                                | 31.1 | = | 45.3                                   | 45.6                                                    |    |
| 912.00                                  | V                                     | <1.0                                 | +                                                | 36.2 | = | <37.2                                  | 45.6                                                    |    |
| 912.00                                  | H                                     | 8.5                                  | +                                                | 36.2 | = | 44.7                                   | 45.6                                                    |    |
| 1,216.00                                | H&V                                   | <16.5                                | +                                                | 26.0 | = | <42.5                                  | 55.1                                                    | ** |
| 1,520.00                                | H&V                                   | <14.2                                | +                                                | 28.3 | = | <42.5                                  | 55.1                                                    | ** |
| 1,824.00                                | H&V                                   | <13.5                                | +                                                | 29.5 | = | <43.0                                  | 55.1                                                    | ** |
| 2,128.00                                | H&V                                   | <11.2                                | +                                                | 31.8 | = | <43.0                                  | 55.1                                                    | ** |
| 2,432.00                                | H&V                                   | <11.0                                | +                                                | 32.2 | = | <43.2                                  | 55.1                                                    | ** |
| 2,736.00                                | H&V                                   | <9.8                                 | +                                                | 34.3 | = | <44.1                                  | 55.1                                                    | ** |
| 3,040.00                                | H&V                                   | <9.9                                 | +                                                | 35.5 | = | <44.5                                  | 55.1                                                    | ** |

**ALL MEASUREMENT DATA REPORTED IN PEAK.**  
**Limits specified in Average**

**\*\* 1 Meter Limit**

**NOTE:**

75.7 dBuV/m = 100uW EIRP @ 3 Meters  
45.6 dBuV/m = 0.1uW EIRP @ 3 Meters

**CLIENT:** ALARM ELECTRONICS  
**FCC ID:**  
**MODEL:** DW101CW  
**TEST DATE:** 08/17/99  
**TEST ENGINEER:** Michael A. Nicolay